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Mild Steel Enclosures (Type 12, 4)

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1422 N4 FM Series
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Mild Steel Enclosures (Type 12, 4)

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1422 N4 FM QT Series
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Type 4 Mild Steel Two Door Floormount Enclosure
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Continuous Hinge Door with Handle 34

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Type 12 Mild Steel Two Door Freestanding Enclosure
1418 FS Series
Continuous Hinge Door with Handle 40

Type 12 Mild Steel Multi-Door Freestanding Enclosure
1422 MD Series
Continuous Hinge Door with Handle 41

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Type 4 Mild Steel Junction Box *Eclipse Junior Series*

Continuous Hinge Door with Quarter Turn

- Models larger than 4”x4” include a removable 14 gauge galvanized inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.
- Grounding and panel mounting hardware provided.

Finish

- Cover and enclosure are finished with a recoatable powder inside and out with choice of ANSI 61 smooth Gray (GY) or RAL7035 textured light gray (LG).
- Inner panels are unpainted galvanized steel.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Swing Panel Kit...*See Page* ***288***
- Terminal Kit Assemblies...*See Page* ***288***
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Quick Link: hammfg.com/EJ

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments.
- For use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Impressive styling features make the Eclipse Junior a suitable addition to any high-tech equipment installation.

Standards

- UL 508A Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

Construction

- Body and cover are formed from 16 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts, or holes.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- 14 gauge welded brackets provide for enclosure mounting.
- Continuously hinged cover has 304 stainless steel hinges and provides 180° opening.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Quarter turn latches formed from black zinc diecast.
- Seamless poured-in place gasket.

ANSI 61 Gray	RAL 7035 Light Gray	Enclosure			Panel	
Part No.	Part No.	H	W	D	H	W
EJ443	EJ443LG	4.00	4.00	3.00	-	-
EJ643	EJ643LG	6.00	4.00	3.00	4.88	2.88
EJ683	EJ683LG	6.00	8.00	3.50	4.88	6.75
EJ863	EJ863LG	8.00	6.00	3.50	6.75	4.88
EJ444	EJ444LG	4.00	4.00	4.00	-	-
EJ644	EJ644LG	6.00	4.00	4.00	4.88	2.88
EJ664	EJ664LG	6.00	6.00	4.00	4.88	4.88
EJ884	EJ884LG	8.00	8.00	4.00	6.75	6.88
EJ8104	EJ8104LG	8.00	10.00	4.00	6.88	8.75
EJ1084	EJ1084LG	10.00	8.00	4.00	8.75	6.88
EJ1264	EJ1264LG	12.00	6.00	4.00	10.75	4.88
EJ12124	EJ12124LG	12.00	12.00	4.00	10.75	10.88
EJ10125	EJ10125LG	10.00	12.00	5.00	8.88	10.75
EJ12105	EJ12105LG	12.00	10.00	5.00	10.75	8.88
EJ866	EJ866LG	8.00	6.00	6.00	6.75	4.88
EJ1086	EJ1086LG	10.00	8.00	6.00	8.75	6.88
EJ10106	EJ10106LG	10.00	10.00	6.00	8.75	8.88
EJ12126	EJ12126LG	12.00	12.00	6.00	10.75	10.88
EJ12146	EJ12146LG	12.00	14.00	6.00	10.88	12.75
EJ1486	EJ1486LG	14.00	8.00	6.00	12.75	6.88
EJ14126	EJ14126LG	14.00	12.00	6.00	12.75	10.88
EJ14166	EJ14166LG	14.00	16.00	6.00	12.88	14.75
EJ16106	EJ16106LG	16.00	10.00	6.00	14.75	8.88
EJ16146	EJ16146LG	16.00	14.00	6.00	14.75	12.88
EJ12108	EJ12108LG	12.00	10.00	8.00	10.75	8.88
EJ14128	EJ14128LG	14.00	12.00	8.00	12.75	10.88
EJ16148	EJ16148LG	16.00	14.00	8.00	14.75	12.88
EJ161410	EJ161410LG	16.00	14.00	10.00	14.75	12.88

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Type 12 Mild Steel Junction Box *1414 Series*

Lift-Off Cover with Clamps

Quick Link: hammfg.com/1414

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

Construction

- Body formed from 16 gauge or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Lift off cover is secured with stainless steel clamps and plated steel screws and retained with a plated chain when open.
- Seamless poured-in place gasket.
- Models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panel Kit...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1414A	4.00	4.00	3.00	-	-
1414C	6.00	4.00	3.00	4.88	2.88
1414G	8.00	6.00	3.50	6.75	4.88
1414A4	4.00	4.00	4.00	-	-
1414C4	6.00	4.00	4.00	4.88	2.88
1414E	6.00	6.00	4.00	4.88	4.88
1414I	10.00	8.00	4.00	8.75	6.88
1414K	12.00	10.00	5.00	10.75	8.88
1414M6	14.00	12.00	6.00	12.75	10.88
1414O6	16.00	14.00	6.00	14.75	12.88
1414M8	14.00	12.00	8.00	12.75	10.88
1414O10	16.00	14.00	10.00	14.75	12.88

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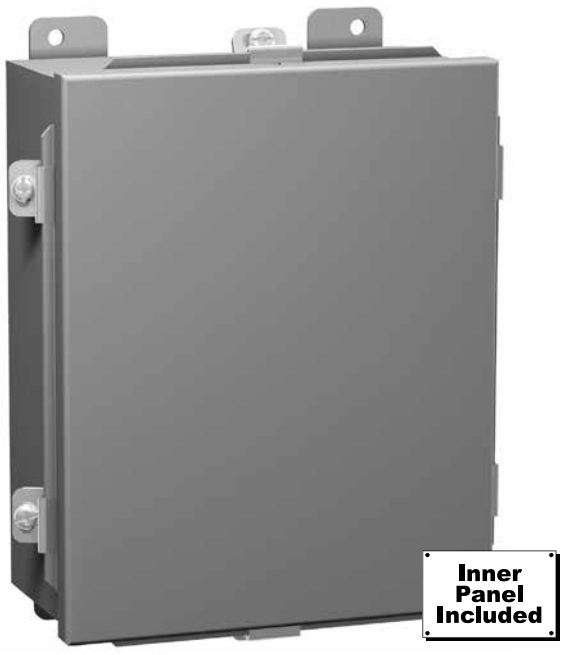
Type 4 Mild Steel Junction Box *1414 N4 Series*

Lift-Off Cover with Clamps



Quick Link: hammfg.com/1414N4

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Standards

- UL 508A Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, and 12
  - IEC 60529, IP66

Construction

- Body formed from 16 or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Lift off cover is secured with stainless steel clamps and screws.
- Seamless poured-in place gasket.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized, finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panel Kit...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1414N4A [1]	4.00	4.00	3.00	-	-
1414N4C	6.00	4.00	3.00	4.88	2.88
1414N4G	8.00	6.00	3.50	6.75	4.88
1414N4E	6.00	6.00	4.00	4.88	4.88
1414N4I	10.00	8.00	4.00	8.75	6.88
1414N4K	12.00	10.00	5.00	10.75	8.88
1414N4M6	14.00	12.00	6.00	12.75	10.88
1414N4O6	16.00	14.00	6.00	14.75	12.88
1414N4M8	14.00	12.00	8.00	12.75	10.88
1414N4O10	16.00	14.00	10.00	14.75	12.88

[1] Panel not included

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Type 4, 12 Mild Steel Junction Box *HJ Series*

Lift-Off Cover with Clamps

Quick Link: hammfg.com/HJ

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

Construction

- Body formed from 16 gauge or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Lift off cover is secured with stainless steel clamps and stainless steel screws and retained with a stainless steel chain when open.
- Seamless poured-in place gasket.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panel Kit...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	Part No.	H	W
HJ443LP	4.00	4.00	3.00	**-**	-	-
HJ643LP	6.00	4.00	3.00	**14R0503**	4.88	2.88
HJ863LP	8.00	6.00	3.50	**14R0705**	6.75	4.88
HJ444LP	4.00	4.00	4.00	**-**	-	-
HJ644LP	6.00	4.00	4.00	**14R0503**	4.88	2.88
HJ664LP	6.00	6.00	4.00	**14R0505**	4.88	4.88
HJ1084LP	10.00	8.00	4.00	**14R0907**	8.75	6.88
HJ12105LP	12.00	10.00	5.00	**14R1109**	10.75	8.88
HJ14126LP	14.00	12.00	6.00	**14R1311**	12.75	10.88
HJ16146LP	16.00	14.00	6.00	**14R1513**	14.75	12.88
HJ14128LP	14.00	12.00	8.00	**14R1311**	12.75	10.88
HJ161410LP	16.00	14.00	10.00	**14R1513**	14.75	12.88

Alternative inner panel options also available.

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Type 12 Mild Steel Junction Box *1414 PH Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1414PH

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12, 13
- CSA Type 12, 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

Construction

- Body formed from 16 gauge or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Continuously hinged cover is secured with stainless steel clamps and plated steel screws.
- Seamless poured-in place gasket.
- Models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panel Kit...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Junction Box Quick Release Clamp...*See Page* ***268***
- Climate Control...*See Page* ***234***
- Junction Box Padlock Kit...*See Page* ***268***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1414PHA	4.00	4.00	3.00	no panel	
1414PHC	6.00	4.00	3.00	4.88	2.88
1414PHG	8.00	6.00	3.50	6.75	4.88
1414PHRG	6.00	8.00	3.50	4.88	6.75
1414PHA4	4.00	4.00	4.00	no panel	
1414PHC4	6.00	4.00	4.00	4.88	2.88
1414PHE	6.00	6.00	4.00	4.88	4.88
1414PHH4	8.00	8.00	4.00	6.75	6.88
1414PHI	10.00	8.00	4.00	8.75	6.88
1414PHRI	8.00	10.00	4.00	6.88	8.75
1414PHKC4	12.00	6.00	4.00	10.75	4.88
1414PHK	12.00	10.00	5.00	10.75	8.88
1414PHRK	10.00	12.00	5.00	8.88	10.75
1414PHG6	8.00	6.00	6.00	6.75	4.88
1414PHI6	10.00	8.00	6.00	8.75	6.88
1414PHJ6	10.00	10.00	6.00	8.75	8.88
1414PHL6	12.00	12.00	6.00	10.75	10.88
1414PHMH6	14.00	8.00	6.00	12.75	6.88
1414PHM6	14.00	12.00	6.00	12.75	10.88
1414PHRM6	12.00	14.00	6.00	10.88	12.75
1414PHN6	16.00	10.00	6.00	14.75	8.88
1414PHO6	16.00	14.00	6.00	14.75	12.88
1414PHRO6	14.00	16.00	6.00	12.88	14.75
1414PHK8	12.00	10.00	8.00	10.75	8.88
1414PHM8	14.00	12.00	8.00	12.75	10.88
1414PHO8	16.00	14.00	8.00	14.75	12.88
1414PHO10	16.00	14.00	10.00	14.75	12.88

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Type 4 Mild Steel Junction Box *1414 N4 PH Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1414N4PH

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Standards

- UL 508A Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

Construction

- Body formed from 16 or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Continuous hinged cover is secured with stainless steel clamps and screws.
- Stainless steel continuous hinge on door may be removed by pulling the stainless steel hinge pin.
- Seamless poured-in place gasket.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Cover and enclosure are phosphatized, finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panel Kit...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Junction Box Quick Release Clamp...*See Page* ***268***
- Junction Box Padlock Kit...*See Page* ***268***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1414N4PHA	4.00	4.00	3.00	no panel	
1414N4PHC	6.00	4.00	3.00	4.88	2.88
1414N4PHG	8.00	6.00	3.50	6.75	4.88
1414N4PHE	6.00	6.00	4.00	4.88	4.88
1414N4PHI	10.00	8.00	4.00	8.75	6.88
1414N4PHI6	10.00	8.00	6.00	8.75	6.88
1414N4PHK	12.00	10.00	5.00	10.75	8.88
1414N4PHL6	12.00	12.00	6.00	10.75	10.88
1414N4PHM6	14.00	12.00	6.00	12.75	10.88
1414N4PHO6	16.00	14.00	6.00	14.75	12.88
1414N4PHM8	14.00	12.00	8.00	12.75	10.88
1414N4PHO10	16.00	14.00	10.00	14.75	12.88

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Type 4, 12 Mild Steel Junction Box *HJ H Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/HJH

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Standards

- UL 508A Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

Construction

- Body formed from 16 or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Continuous hinged cover is secured with stainless steel clamps and screws.
- Stainless steel continuous hinge on door may be removed by pulling the stainless steel hinge pin.
- Seamless poured-in place gasket.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Cover and enclosure are phosphatized, finished in recoatable smooth ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panel Kit...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Junction Box Quick Release Clamp...*See Page* ***268***
- Junction Box Padlock Kit...*See Page* ***268***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Optional Mounting Panel		
Part No.	H	W	D	Part No.	H	W
HJ443HLP	4.00	4.00	3.00	-	-	-
HJ643HLP	6.00	4.00	3.00	**14R0503**	4.88	2.88
HJ863HLP	8.00	6.00	3.50	**14R0705**	6.75	4.88
HJ683HLP	6.00	8.00	3.50	**14R0705**	6.75	4.88
HJ444HLP	4.00	4.00	4.00	-	-	-
HJ644HLP	6.00	4.00	4.00	**14R0503**	4.88	2.88
HJ664HLP	6.00	6.00	4.00	**14R0505**	4.88	4.88
HJ884HLP	8.00	8.00	4.00	**14R0707**	6.75	6.88
HJ1084HLP	10.00	8.00	4.00	**14R0907**	8.75	6.88
HJ8104HLP	8.00	10.00	4.00	**14R0907**	8.75	6.88
HJ1264HLP	12.00	6.00	4.00	**14R1105**	10.75	4.88
HJ12105HLP	12.00	10.00	5.00	**14R1109**	10.75	8.88
HJ10125HLP	10.00	12.00	5.00	**14R1109**	10.75	8.88
HJ866HLP	8.00	6.00	6.00	**14R0705**	6.75	4.88
HJ1086HLP	10.00	8.00	6.00	**14R0907**	8.75	6.88
HJ10106HLP	10.00	10.00	6.00	**14R0909**	8.75	8.88
HJ12126HLP	12.00	12.00	6.00	**14R1111**	10.75	10.88
HJ1486HLP	14.00	8.00	6.00	**14R1307**	12.75	6.88
HJ14126HLP	14.00	12.00	6.00	**14R1311**	12.75	10.88
HJ12146HLP	12.00	14.00	6.00	**14R1311**	12.75	10.88
HJ16106HLP	16.00	10.00	6.00	**14R1509**	14.75	8.88
HJ16146HLP	16.00	14.00	6.00	**14R1513**	14.75	12.88
HJ14166HLP	14.00	16.00	6.00	**14R1513**	14.75	12.88
HJ12108HLP	12.00	10.00	8.00	**14R1109**	10.75	8.88
HJ14128HLP	14.00	12.00	8.00	**14R1311**	12.75	10.88
HJ16148HLP	16.00	14.00	8.00	**14R1513**	14.75	12.88
HJ161410HLP	16.00	14.00	10.00	**14R1513**	14.75	12.88

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Junction Box *1414 SC Series*

Lift-Off Cover with Screws

Quick Link: hammfg.com/1414SC

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

Construction

- Body formed from 16 gauge or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Cover is secured with captive, plated steel screws, threaded into sealed wells.
- Oil resistant gaskets are permanently secured.
- Models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1414SCA	4.00	4.00	3.00	no panel	
1414SCC	6.00	4.00	3.00	4.87	2.87
1414SCG	8.00	6.00	3.50	6.75	4.87
1414SCE	6.00	6.00	4.00	4.87	4.87
1414SCI	10.00	8.00	4.00	8.75	6.87
1414SCK	12.00	10.00	5.00	10.75	8.87
1414SCM6	14.00	12.00	6.00	12.75	10.87
1414SCO6	16.00	14.00	6.00	14.75	12.87
1414SCM8	14.00	12.00	8.00	12.75	10.87
1414SCO10	16.00	14.00	10.00	14.75	12.87

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Junction Box *1436/1438 Series*

Lift-Off Cover with Screws

Quick Link: hammfg.com/1436-8

Application

- Designed for use as instrument enclosures, electrical junction boxes or terminal wiring enclosures.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

Construction

- Formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Lift off cover is secured with captive, plated steel screws, and supported on internal hinges except as noted on charts at bottom and right.
- Cover screws fasten into threaded, sealed wells.
- Oil resistant gaskets are permanently secured.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating.

Accessories

- General Accessories...*See Page* ***268***

Standard Depth Series (1436)

Part No.	Enclosure H	W	D
1436A [1]	3.50	3.25	2.75
1436B [1]	5.75	3.25	2.75
1436C [1]	8.00	3.25	2.75
1436D [1]	10.25	3.25	2.75
1436F	7.25	6.25	3.00
1436H	9.50	6.25	3.00
1436K	9.50	8.50	3.00
1436O	11.75	8.50	3.00
1436S	11.75	10.75	3.00
1436V	14.00	10.75	3.00

[1] Not hinged

Extra Deep Series (1438)

Part No.	Enclosure H	W	D
1438A [1]	4.00	4.00	4.75
1438B	6.00	4.00	4.75
1438C	8.00	4.00	4.75
1438D	10.00	4.00	4.75
1438F	7.25	6.25	4.75
1438H	9.50	6.25	4.75
1438K	9.50	8.50	4.75
1438O	11.75	8.50	4.75
1438S	11.75	10.75	4.75
1438V	14.00	10.75	4.75

[1] Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Wallmount Enclosure *1418J Series*

Continuous Hinge Door with Screws

Quick Link: hammfg.com/1418J

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12
- Complies with
  - NEMA Type 12
  - EC 60529, IP54

Construction

- Formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Door and body stiffeners are provided in the larger enclosures for extra rigidity.
- Welded brackets provide for enclosure mounting.
- Continuously hinged cover is secured with plated screws, threaded into sealed wells.
- Oil resistant gaskets are permanently secured.
- A removable 12 gauge inner panel is included.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Swing Panel Kit...*See Page* ***288***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1418JB7	16.00	12.00	7.00	13.00	9.00
1418JC7	20.00	16.00	7.00	17.00	13.00
1418JD7	20.00	20.00	7.00	17.00	17.00
1418JE7	24.00	20.00	7.00	21.00	17.00
1418JJ7	24.00	24.00	7.00	21.00	21.00
1418JF7	30.00	20.00	7.00	27.00	17.00
1418JK7	30.00	24.00	7.00	27.00	21.00
1418JL7	36.00	24.00	7.00	33.00	21.00
1418JC9	20.00	16.00	9.00	17.00	13.00
1418JD9	20.00	20.00	9.00	17.00	17.00
1418JE9	24.00	20.00	9.00	21.00	17.00
1418JJ9	24.00	24.00	9.00	21.00	21.00
1418JK9	30.00	24.00	9.00	27.00	21.00
1418JF9	30.00	20.00	9.00	27.00	17.00
1418JM9	36.00	30.00	9.00	33.00	27.00
1418JL9	36.00	24.00	9.00	33.00	21.00
1418JO9	42.00	30.00	9.00	39.00	27.00
1418JP9	42.00	36.00	9.00	39.00	33.00
1418JJ11	24.00	24.00	11.00	21.00	21.00
1418JL11	36.00	24.00	11.00	33.00	21.00
1418JS11	48.00	36.00	11.00	45.00	33.00
1418JK13	30.00	24.00	13.00	27.00	21.00
1418JM13	36.00	30.00	13.00	33.00	27.00

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Type 4 Mild Steel Wallmount Enclosure *Eclipse Series*

Hinge Door with Quarter Turn/Handle

Quick Link: hammfg.com/EN4SD

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4, and 12
- CSA Type 3R, 4, and 12
- Complies with
  - NEMA Type 3R, 4, and 12
  - IEC 60529, IP66

Construction

- Formed 14 (24x24" and larger) or 16 (24x20" and smaller) gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latching: Type A has slotted quarter turns, Type B has handle with 3 point latching, Type C has handle with 3 point latching plus additional quarter turns top and bottom.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Quarter turn latch and multi-point handle (key lockable) are zinc diecast with black epoxy finish.
- Door alignment guide provided on 36" wide enclosures.

Finish

- Cover and enclosure are phosphatized and finished with a recoatable powder inside and out with choice of ANSI 61 smooth Gray (GY) or RAL7035 textured light gray (LG).

Accessories

- Additional Inner Panels...*See Page* ***282***
- Swing Panel...*See Page* ***290***
- Swing Frame...*See Page* ***291***
- Eclipse Rack Panel...*See Page* ***291***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Quarter Turn Assemblies...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Handles...*See Page* ***276***
- Replacement Hinge Pins...*See Page* ***274***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

ANSI 61 Gray	RAL 7035 Light Gray	Enclosure			Latch	Optional Inner Panel		
Part No.	Part No.	H	W	D	Type	Part No.	H	W
EN4SD12106GY	**EN4SD12106LG**	12.00	10.00	6.00	A	**EP1210**	10.20	8.20
EN4SD12126GY	**EN4SD12126LG**	12.00	12.00	6.00	A	**EP1212**	10.20	10.20
EN4SD12246GY	**EN4SD12246LG**	12.00	24.00	6.00	A	**EP1224**	10.20	22.20
EN4SD16126GY	**EN4SD16126LG**	16.00	12.00	6.00	A	**EP1612**	14.20	10.20
EN4SD16166GY	**EN4SD16166LG**	16.00	16.00	6.00	A	**EP1616**	14.20	14.20
EN4SD16206GY	**EN4SD16206LG**	16.00	20.00	6.00	A	**EP1620**	14.20	18.20
EN4SD20126GY	**EN4SD20126LG**	20.00	12.00	6.00	A	**EP2012**	18.20	10.20
EN4SD20166GY	**EN4SD20166LG**	20.00	16.00	6.00	A	**EP2016**	18.20	14.20
EN4SD20206GY	**EN4SD20206LG**	20.00	20.00	6.00	A	**EP2020**	18.20	18.20
EN4SD20246GY	**EN4SD20246LG**	20.00	24.00	6.00	A	**EP2024**	22.20	10.20
EN4SD24126GY	**EN4SD24126LG**	24.00	12.00	6.00	A	**EP2412**	22.20	10.20
EN4SD24166GY	**EN4SD24166LG**	24.00	16.00	6.00	A	**EP2416**	22.20	14.20

Alternative inner panel options also available.

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Type 4 Mild Steel Wallmount Enclosure *Eclipse Series*

Hinge Door with Quarter Turn/Handle

ANSI 61 Gray	RAL 7035 Light Gray	Enclosure			Latch	Optional Inner Panel		
Part No.	Part No.	H	W	D	Type	Part No.	H	W
EN4SD24206GY	EN4SD24206LG	24.00	20.00	6.00	A	EP2420	22.20	18.20
EN4SD24246GY	EN4SD24246LG	24.00	24.00	6.00	A	EP2424	22.20	22.20
EN4SD30166GY	EN4SD30166LG	30.00	16.00	6.00	A	EP3016	28.20	14.20
EN4SD30206GY	EN4SD30206LG	30.00	20.00	6.00	A	EP3020	28.20	18.20
EN4SD30246GY	EN4SD30246LG	30.00	24.00	6.00	A	EP3024	28.20	22.20
EN4SD36246GY	EN4SD36246LG	36.00	24.00	6.00	A	EP3624	34.20	22.20
EN4SD36306GY	EN4SD36306LG	36.00	30.00	6.00	A	EP3630	34.20	28.20
EN4SD12248GY	EN4SD12248LG	12.00	24.00	8.00	A	EP1224	10.20	22.20
EN4SD16128GY	EN4SD16128LG	16.00	12.00	8.00	A	EP1612	14.20	10.20
EN4SD16168GY	EN4SD16168LG	16.00	16.00	8.00	A	EP1616	14.20	14.20
EN4SD16208GY	EN4SD16208LG	16.00	20.00	8.00	A	EP1620	14.20	18.20
EN4SD20128GY	EN4SD20128LG	20.00	12.00	8.00	A	EP2012	18.20	10.20
EN4SD20168GY	EN4SD20168LG	20.00	16.00	8.00	A	EP2016	18.20	14.20
EN4SD20208GY	EN4SD20208LG	20.00	20.00	8.00	A	EP2020	18.20	18.20
EN4SD20248GY	EN4SD20248LG	20.00	24.00	8.00	A	EP2024	18.20	22.20
EN4SD24128GY	EN4SD24128LG	24.00	12.00	8.00	A	EP2412	22.20	10.20
EN4SD24168GY	EN4SD24168LG	24.00	16.00	8.00	A	EP2416	22.20	14.20
EN4SD24208GY	EN4SD24208LG	24.00	20.00	8.00	A	EP2420	22.20	18.20
EN4SD24248GY	EN4SD24248LG	24.00	24.00	8.00	A	EP2424	22.20	22.20
EN4SD24308GY	EN4SD24308LG	24.00	30.00	8.00	A	EP2430	22.20	28.20
EN4SD30128GY	EN4SD30128LG	30.00	12.00	8.00	A	EP3012	28.20	10.20
EN4SD30168GY	EN4SD30168LG	30.00	16.00	8.00	A	EP3016	28.20	14.20
EN4SD30208GY	EN4SD30208LG	30.00	20.00	8.00	A	EP3020	28.20	18.20
EN4SD30248GY	EN4SD30248LG	30.00	24.00	8.00	A	EP3024	28.20	22.20
EN4SD30308GY	EN4SD30308LG	30.00	30.00	8.00	A	EP3030	28.20	28.20
EN4SD30368GY	EN4SD30368LG	30.00	36.00	8.00	A	EP3036	28.20	34.20
EN4SD36248GY	EN4SD36248LG	36.00	24.00	8.00	A	EP3624	34.20	22.20
EN4SD36308GY	EN4SD36308LG	36.00	30.00	8.00	A	EP3630	34.20	28.20
EN4SD36368GY	EN4SD36368LG	36.00	36.00	8.00	A	EP3636	34.20	34.20
EN4SD42248GY	EN4SD42248LG	42.00	24.00	8.00	B	EP4224	40.20	22.20
EN4SD42308GY	EN4SD42308LG	42.00	30.00	8.00	B	EP4230	40.20	28.20
EN4SD42368GY	EN4SD42368LG	42.00	36.00	8.00	B	EP4236	40.20	34.20
EN4SD48248GY	EN4SD48248LG	48.00	24.00	8.00	B	EP4824	46.20	22.20
EN4SD48308GY	EN4SD48308LG	48.00	30.00	8.00	B	EP4830	46.20	28.20
EN4SD48368GY	EN4SD48368LG	48.00	36.00	8.00	B	EP4836	46.20	34.20
EN4SD60368GY	EN4SD60368LG	60.00	36.00	8.00	B	EP6036	58.20	34.20
EN4SD161210GY	EN4SD161210LG	16.00	12.00	10.00	A	EP1612	14.20	10.20
EN4SD161610GY	EN4SD161610LG	16.00	16.00	10.00	A	EP1616	14.20	14.20
EN4SD162010GY	EN4SD162010LG	16.00	20.00	10.00	A	EP1620	14.20	18.20
EN4SD201610GY	EN4SD201610LG	20.00	16.00	10.00	A	EP2016	18.20	14.20
EN4SD202010GY	EN4SD202010LG	20.00	20.00	10.00	A	EP2020	18.20	18.20
EN4SD202410GY	EN4SD202410LG	20.00	24.00	10.00	A	EP2024	18.20	22.20
EN4SD241210GY	EN4SD241210LG	24.00	12.00	10.00	A	EP2412	22.20	10.20
EN4SD241610GY	EN4SD241610LG	24.00	16.00	10.00	A	EP2416	22.20	14.20
EN4SD242010GY	EN4SD242010LG	24.00	20.00	10.00	A	EP2420	22.20	18.20
EN4SD242410GY	EN4SD242410LG	24.00	24.00	10.00	A	EP2424	22.20	22.20
EN4SD243010GY	EN4SD243010LG	24.00	30.00	10.00	A	EP2430	22.20	28.20
EN4SD302010GY	EN4SD302010LG	30.00	20.00	10.00	A	EP3020	28.20	18.20
EN4SD302410GY	EN4SD302410LG	30.00	24.00	10.00	A	EP3024	28.20	22.20

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4 Mild Steel Wallmount Enclosure *Eclipse Series*

Hinge Door with Quarter Turn/Handle

ANSI 61 Gray	RAL 7035 Light Gray	Enclosure			Latch	Optional Inner Panel		
Part No.	Part No.	H	W	D	Type	Part No.	H	W
EN4SD303010GY	EN4SD303010LG	30.00	30.00	10.00	A	EP3030	28.20	28.20
EN4SD362410GY	EN4SD362410LG	36.00	24.00	10.00	A	EP3624	34.20	22.20
EN4SD363010GY	EN4SD363010LG	36.00	30.00	10.00	A	EP3630	34.20	28.20
EN4SD363610GY	EN4SD363610LG	36.00	36.00	10.00	A	EP3636	34.20	34.20
EN4SD422410GY	EN4SD422410LG	42.00	24.00	10.00	B	EP4224	40.20	22.20
EN4SD423010GY	EN4SD423010LG	42.00	30.00	10.00	B	EP4230	40.20	28.20
EN4SD423610GY	EN4SD423610LG	42.00	36.00	10.00	B	EP4236	40.20	34.20
EN4SD482410GY	EN4SD482410LG	48.00	24.00	10.00	B	EP4824	46.20	22.20
EN4SD483010GY	EN4SD483010LG	48.00	30.00	10.00	B	EP4830	46.20	28.20
EN4SD483610GY	EN4SD483610LG	48.00	36.00	10.00	B	EP4836	46.20	34.20
EN4SD603610GY	EN4SD603610LG	60.00	36.00	10.00	B	EP6036	58.20	34.20
EN4SD201612GY	EN4SD201612LG	20.00	16.00	12.00	A	EP2016	18.20	14.20
EN4SD202012GY	EN4SD202012LG	20.00	20.00	12.00	A	EP2020	18.20	18.20
EN4SD242012GY	EN4SD242012LG	24.00	20.00	12.00	A	EP2420	22.20	18.20
EN4SD242412GY	EN4SD242412LG	24.00	24.00	12.00	A	EP2424	22.20	22.20
EN4SD243012GY	EN4SD243012LG	24.00	30.00	12.00	A	EP2430	22.20	28.20
EN4SD302412GY	EN4SD302412LG	30.00	24.00	12.00	A	EP3024	28.20	22.20
EN4SD303012GY	EN4SD303012LG	30.00	30.00	12.00	A	EP3030	28.20	28.20
EN4SD362412GY	EN4SD362412LG	36.00	24.00	12.00	A	EP3624	34.20	22.20
EN4SD363012GY	EN4SD363012LG	36.00	30.00	12.00	A	EP3630	34.20	28.20
EN4SD363612GY	EN4SD363612LG	36.00	36.00	12.00	A	EP3636	34.20	34.20
EN4SD423012GY	EN4SD423012LG	42.00	30.00	12.00	B	EP4230	40.20	28.20
EN4SD423612GY	EN4SD423612LG	42.00	36.00	12.00	B	EP4236	40.20	34.20
EN4SD482412GY	EN4SD482412LG	48.00	24.00	12.00	B	EP4824	46.20	22.20
EN4SD483612GY	EN4SD483612LG	48.00	36.00	12.00	B	EP4836	46.20	34.20
EN4SD603612GY	EN4SD603612LG	60.00	36.00	12.00	B	EP6036	58.20	34.20
EN4SD723012GY	EN4SD723012LG	72.00	30.00	12.00	C	EP7230	70.20	28.20
EN4SD723612GY	EN4SD723612LG	72.00	36.00	12.00	C	EP7236	70.20	34.20
EN4SD242016GY	EN4SD242016LG	24.00	20.00	16.00	A	EP2420	22.20	18.20
EN4SD242416GY	EN4SD242416LG	24.00	24.00	16.00	A	EP2424	22.20	22.20
EN4SD302416GY	EN4SD302416LG	30.00	24.00	16.00	A	EP3024	28.20	22.20
EN4SD362416GY	EN4SD362416LG	36.00	24.00	16.00	A	EP3624	34.20	22.20
EN4SD363016GY	EN4SD363016LG	36.00	30.00	16.00	A	EP3630	34.20	28.20
EN4SD363616GY	EN4SD363616LG	36.00	36.00	16.00	A	EP3636	34.20	34.20
EN4SD423016GY	EN4SD423016LG	42.00	30.00	16.00	B	EP4230	40.20	28.20
EN4SD423616GY	EN4SD423616LG	42.00	36.00	16.00	B	EP4236	40.20	34.20
EN4SD483016GY	EN4SD483016LG	48.00	30.00	16.00	B	EP4830	46.20	28.20
EN4SD483616GY	EN4SD483616LG	48.00	36.00	16.00	B	EP4836	46.20	34.20
EN4SD603616GY	EN4SD603616LG	60.00	36.00	16.00	B	EP6036	58.20	34.20
EN4SD723016GY	EN4SD723016LG	72.00	30.00	16.00	C	EP7230	70.20	28.20
EN4SD723616GY	EN4SD723616LG	72.00	36.00	16.00	C	EP7236	70.20	34.20
EN4SD242420GY	EN4SD242420LG	24.00	24.00	20.00	A	EP2424	22.20	22.20
EN4SD302420GY	EN4SD302420LG	30.00	24.00	20.00	A	EP3024	28.20	22.20
EN4SD363020GY	EN4SD363020LG	36.00	30.00	20.00	A	EP3630	34.20	28.20
EN4SD483620GY	EN4SD483620LG	48.00	36.00	20.00	B	EP4836	46.20	34.20
EN4SD603620GY	EN4SD603620LG	60.00	36.00	20.00	B	EP6036	58.20	34.20
EN4SD723020GY	EN4SD723020LG	72.00	30.00	20.00	C	EP7230	70.20	28.20
EN4SD302424GY	EN4SD302424LG	30.00	24.00	24.00	A	EP3024	28.20	22.20
EN4SD723024GY	EN4SD723024LG	72.00	30.00	24.00	C	EP7230	70.20	28.20

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Two Door Wallmount Enclosure *Eclipse Series*

Hinge Door with Handle

Quick Link: hammfg.com/EN4TD

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 12, 3R unless marked[1]
- CSA Type 12, 3R
- Complies with
  - NEMA 12, 3R
  - IEC 60529, IP54

Construction

- Formed 14 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided for increased strength and rigidity also designed to permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Doors may be easily removed for modifications and are interchangeable.
- Oil resistant gaskets are permanently secured.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Doors are secured with a three point key lockable handle.
- Hinges are constructed from 304 stainless steel.
- Key lockable handle is zinc diecast with black epoxy finish.
- Hinge pins are stainless steel.
- Door alignment guides provided on all doors.

Finish

- Cover and enclosure are phosphatized and finished with a recoatable powder inside and out with choice of ANSI 61 smooth Gray (GY) or RAL7035 textured light gray (LG).

Accessories

- Additional Inner Panels...*See Page* ***282***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Handles...*See Page* ***276***
- Replacement Hinge Pins...*See Page* ***274***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

ANSI 61 Gray	RAL7035 Light Gray	Overall Dimensions			Optional Inner. Panel		
Part No.	Part No.	H	W	D	Part No.	H	W
EN4TD24428GY	**EN4TD24428LG**	24.00	42.00	8.00	**EP2442**	22.20	40.20
EN4TD24488GY	**EN4TD24488LG**	24.00	48.00	8.00	**EP2448**	22.20	46.20
EN4TD30488GY	**EN4TD30488LG**	30.00	48.00	8.00	**EP3048**	28.20	46.20
EN4TD244210GY	**EN4TD244210LG**	24.00	42.00	10.00	**EP2442**	22.20	40.20
EN4TD304210GY	**EN4TD304210LG**	30.00	42.00	10.00	**EP3042**	28.20	40.20
EN4TD304810GY	**EN4TD304810LG**	30.00	48.00	10.00	**EP3048**	28.20	46.20
EN4TD306010GY	**EN4TD306010LG**	30.00	60.00	10.00	**EP3060**	28.20	58.20
EN4TD306012GY	**EN4TD306012LG**	30.00	60.00	12.00	**EP3060**	28.20	58.20
EN4TD364212GY	**EN4TD364212LG**	36.00	42.00	12.00	**EP3642**	34.20	42.20
EN4TD364812GY	**EN4TD364812LG**	36.00	48.00	12.00	**EP3648**	34.20	46.20
EN4TD366012GY	**EN4TD366012LG**	36.00	60.00	12.00	**EP3660**	34.20	58.20
EN4TD484812GY [1]	**EN4TD484812LG** [1]	48.00	48.00	12.00	**EP4848**	46.20	46.20

[1] Approved to CSA/CSAus Type 12, 3R only. Alternative inner panel options also available.

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Type 4 Mild Steel Wallmount Enclosure w/ Window *Eclipse Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/EN4SDW

Application

- Designed to enclose electrical and/or electronic equipment in wallmount applications where viewing of component operation is necessary while maintaining protection ratings.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA 3R, 4 and 12
  - IEC 60529, IP66

Construction

- Formed 14 (24x24" and larger) or 16 (24x20" and smaller) gauge steel.
- Full view UV resistant polycarbonate window allow maximum viewing area of inner panel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Quarter turn latches are zinc diecast with black epoxy finish.

Finish

- Cover and enclosure are phosphatized and finished with a recoatable powder inside and out with choice of ANSI 61 smooth Gray (GY) or RAL7035 textured light gray (LG).

Accessories

- Additional Inner Panels...*See Page* ***282***
- Swing Panel...*See Page* ***290***
- Swing Frame...*See Page* ***291***
- Eclipse Rack Panel...*See Page* ***291***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Assemblies...*See Page* ***273***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Handles...*See Page* ***276***
- Replacement Hinge Pins...*See Page* ***274***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4 Mild Steel Wallmount Enclosure w/ Window *Eclipse Series*

Hinge Door with Quarter Turn

ANSI 61 Gray	RAL7035 Light Gray	Enclosure			Optional Inner Panel		
Part No.	Part No.	H	W	D	Part No.	H	W
EN4SD16126WGY	**EN4SD16126WLG**	16.00	12.00	6.00	**EP1612**	14.20	10.20
EN4SD20166WGY	**EN4SD20166WLG**	20.00	16.00	6.00	**EP2016**	18.20	14.20
EN4SD20206WGY	**EN4SD20206WLG**	20.00	20.00	6.00	**EP2020**	18.20	18.20
EN4SD24206WGY	**EN4SD24206WLG**	24.00	20.00	6.00	**EP2420**	22.20	18.20
EN4SD24246WGY	**EN4SD24246WLG**	24.00	24.00	6.00	**EP2424**	22.20	22.20
EN4SD16128WGY	**EN4SD16128WLG**	16.00	12.00	8.00	**EP1612**	14.20	10.20
EN4SD20168WGY	**EN4SD20168WLG**	20.00	16.00	8.00	**EP2016**	18.20	14.20
EN4SD20208WGY	**EN4SD20208WLG**	20.00	20.00	8.00	**EP2020**	18.20	18.20
EN4SD24208WGY	**EN4SD24208WLG**	24.00	20.00	8.00	**EP2420**	22.20	18.20
EN4SD24248WGY	**EN4SD24248WLG**	24.00	24.00	8.00	**EP2424**	22.20	22.20
EN4SD30248WGY	**EN4SD30248WLG**	30.00	24.00	8.00	**EP3024**	28.20	22.20
EN4SD202012WGY	**EN4SD202012WLG**	20.00	20.00	12.00	**EP2020**	18.20	18.20
EN4SD242012WGY	**EN4SD242012WLG**	24.00	20.00	12.00	**EP2420**	22.20	18.20
EN4SD242412WGY	**EN4SD242412WLG**	24.00	24.00	12.00	**EP2424**	22.20	22.20
EN4SD302412WGY	**EN4SD302412WLG**	30.00	24.00	12.00	**EP3024**	28.20	22.20
EN4SD242416WGY	**EN4SD242416WLG**	24.00	24.00	16.00	**EP2424**	22.20	22.20
EN4SD242420WGY	**EN4SD242420WLG**	24.00	24.00	20.00	**EP2424**	22.20	22.20
EN4SD302420WGY	**EN4SD302420WLG**	30.00	24.00	20.00	**EP3024**	28.20	22.20

[1] All Window Door latch types are quarter turns. Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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NEMA Rated Swing-Out Wall Mount Cabinet *EN4DH Series*

Up to 180 lbs Weight Capacity

Quick Link: hammfg.com/EN4DH

Application

- Designed for network access equipment using 19" mounting rails.
- Dual access both front and rear of the equipment allows easy install and connection between equipment and to main cable route.
- Provides outstanding protection against dust, oil and water with solid and plexi door version in NEMA type 4.

Standards

- Solid Door
  - UL 508A Type 1, 3, 3R, 4, 12
  - CSA Type 1, 3, 3R, 4, 12
- Plexi Viewing
  - UL 508A 1, 3, 3R, 4, 12
  - CSA Type 1, 3, 3R, 4, 12
- Complies with
  - NEMA type 3R,4 and 12
  - IEC 60529 , IP54, IP66

Features

- Dual access via double hinge design opens 120 degrees for access to front and rear of equipment
- Heavy wall mounting base for cable entry with collar stud provision for optional inner panel.
- Wall base can be mounted with optional external mounting feet
- Interior latch releases center section for added security, no tools required
- Solid and Window door are provided with combination key & padlock handle (2 or 4 point).
- Large window door view area
- 1 Pair of adjustable drilled and tapped L rails with cable pass through included
- Bonding studs provided on door, body and wall base

Construction

- Wall base, body and doors made form 14 guage steel
- Smooth continuous welded seams without knockouts, cutouts or holes
- Seamless poured-in place gasket for added protection in both indoor and outdoor locations
- Window door constructed with UV resistant polycarbonate material
- Plated L rails drilled and tapped 10/32 to EIA 19" standards
- Mounting hardware pack 25 for 19" rails

Finish

- RAL7035 light Gray
- TAA Compliant.
- RoHS Compliant.
- Manufactured in North America.

Accessories

- Filtered Fans...*See Page* ***242***
- Mounting Foot Kit...*See Page* ***277***
- Climate Control...*See Page* ***234***

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NEMA Rated Swing-Out Wall Mount Cabinet *EN4DH Series*

Up to 180 lbs Weight Capacity

Solid Door	Window Door	Overall Dimensions			Rack	Mounting Dimensions			Suggested
Part No.	Part No.	Height	Width	Depth	Units	Height	Width	Center Depth	Load Capacity
EN4DH162415LG	**EN4DH162415WLG**	16.00	24.00	15.01	7U	12.25	19.00	9.51	100 lb
EN4DH162424LG	**EN4DH162424WLG**	16.00	24.00	24.00	7U	12.25	19.00	18.50	100 lb
EN4DH202424LG	**EN4DH202424WLG**	20.00	24.00	24.00	10U	17.50	19.00	18.50	100 lb
EN4DH242415LG	**EN4DH242415WLG**	24.00	24.00	15.01	12U	21.00	19.00	9.51	120 lb
EN4DH242424LG	**EN4DH242424WLG**	24.00	24.00	24.00	12U	21.00	19.00	18.50	120 lb
EN4DH362424LG	**EN4DH362424WLG**	36.00	24.00	24.00	19U	33.25	19.00	18.50	140 lb
EN4DH482424LG	**EN4DH482424WLG**	48.00	24.00	24.00	26U	45.50	19.00	18.50	180 lb

Optional Rear Inner Panel

	Overall Dimensions	
Part No.	H	W
EPGDH1624	12.20	20.20
EPGDH2024	16.20	20.20
EPGDH2424	20.20	20.20
EPGDH3624	32.20	20.20
EPGDH4824	44.20	20.20

Optional Additional Pair of Panel Rails

Part No.	Rack Units
EPDHR7	7
EPDHR10	10
EPDHR12	12
EPDHR19	19
EPDHR26	26

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Type 4 Mild Steel Wallmount Enclosure w/ Sloped Top *ST Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/EN4SDST

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Sloped top prevents water from resting on top as well as providing potential for controls mounting.
- Impressive styling features like hidden hinges and attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA 3R, 4 and 12
  - IEC 60529, IP66

Construction

- Formed 14 (24x24" and larger) or 16 (24x20" and smaller) gauge steel.
- Continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latching: Type A has slotted quarter turns, Type B has handle with 3 point latching
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are finished in mild steel.
- Stainless steel hinge pins and quarter turns.

Finish

- Cover and enclosure are finished in recoatable RAL 7035 light gray textured powder coating.

Accessories

- Additional Inner Panels...*See Page* ***282***
- Swing Panel...*See Page* ***290***
- Swing Frame...*See Page* ***291***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Assemblies...*See Page* ***273***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Handles...*See Page* ***276***
- Replacement Hinge Pins...*See Page* ***274***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4 Mild Steel Wallmount Enclosure w/ Sloped Top *ST Series*

Hinge Door with Quarter Turn

	Enclosure					Optional Inner Panel		
Part No.	H1	H2	W	D	Latch Type	Part No.	H	W
ST12126LG	12.00	14.20	12.00	6.00	A	**EP1212**	10.20	10.20
ST16126LG	16.00	18.20	12.00	6.00	A	**EP1612**	14.20	10.20
ST20166LG	20.00	22.20	16.00	6.00	A	**EP2016**	18.20	14.20
ST20206LG	20.00	22.20	20.00	6.00	A	**EP2020**	18.20	18.20
ST16168LG	16.00	18.90	16.00	8.00	A	**EP1616**	14.20	14.20
ST20168LG	20.00	22.90	16.00	8.00	A	**EP2016**	18.20	14.20
ST20208LG	20.00	22.90	20.00	8.00	A	**EP2020**	18.20	18.20
ST24208LG	24.00	26.90	20.00	8.00	A	**EP2420**	22.20	18.20
ST24248LG	24.00	26.90	24.00	8.00	A	**EP2424**	22.20	22.20
ST30248LG	30.00	32.90	24.00	8.00	A	**EP3024**	28.20	22.20
ST30308LG	30.00	32.90	30.00	8.00	A	**EP3030**	28.20	28.20
ST36308LG	36.00	38.90	30.00	8.00	A	**EP3630**	34.20	28.20
ST242410LG	24.00	27.60	24.00	10.00	A	**EP2424**	22.20	22.20
ST302410LG	30.00	33.60	24.00	10.00	A	**EP3024**	28.20	22.20
ST363010LG	36.00	39.60	30.00	10.00	A	**EP3630**	34.20	28.20
ST483610LG	48.00	51.60	36.00	10.00	B	**EP4836**	46.20	34.20
ST242412LG	24.00	28.40	24.00	12.00	A	**EP2424**	22.20	22.20
ST302412LG	30.00	34.40	24.00	12.00	A	**EP3024**	28.20	22.20
ST363012LG	36.00	40.30	30.00	12.00	A	**EP3630**	34.20	28.20
ST363612LG	36.00	40.30	36.00	12.00	A	**EP3636**	34.20	34.20
ST483612LG	48.00	52.30	36.00	12.00	B	**EP4836**	46.20	34.20
ST603612LG	60.00	64.30	36.00	12.00	B	**EP6036**	58.20	34.20
ST363016LG	36.00	41.80	30.00	16.00	A	**EP3630**	34.20	28.20
ST483616LG	48.00	53.80	36.00	16.00	B	**EP4836**	46.20	34.20
ST302420LG	30.00	37.30	24.00	20.00	A	**EP3024**	28.20	22.20

Alternative inner panel options also available.

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Type 12 Mild Steel Wallmount Enclosure *1418 Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1418

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

Construction

- Formed 14 gauge steel bodies and doors.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Door and body stiffeners are provided in the larger enclosures for extra rigidity. Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Continuously hinged door may be removed by pulling the hinge pin.
- Door is secured with easily operated stainless steel clamps.
- Provision for padlocking.
- Oil resistant gaskets are permanently secured.
- A removable 12 gauge inner panel is included.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating on the inside and outside.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Swing Panel Kit...*See Page* ***288***
- Door Stop Kit...*See Page* ***304***
- Door Clamping Hardware...*See Page* ***268***
- Wallmount Quick Release Clamp...*See Page* ***269***
- Lock kit...*See Page* ***271***
- Floor Stand Kit...*See Page* ***304***
- Enclosure Stabilizers...*See Page* ***305***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 12 Mild Steel Wallmount Enclosure *1418 Series*

Continuous Hinge Door with Clamps

Part No.	Enclosure H	Enclosure W	Enclosure D	Panel H	Panel W
1418A6	12.00	24.00	6.00	9.00	21.00
1418B6	16.00	12.00	6.00	13.00	9.00
1418G6	16.00	16.00	6.00	13.00	13.00
1418CR6	16.00	20.00	6.00	13.00	17.00
1418CA6	20.00	12.00	6.00	17.00	9.00
1418C6	20.00	16.00	6.00	17.00	13.00
1418D6	20.00	20.00	6.00	17.00	17.00
1418ER6	20.00	24.00	6.00	17.00	21.00
1418AR6	24.00	12.00	6.00	21.00	9.00
1418H6	24.00	16.00	6.00	21.00	13.00
1418E6	24.00	20.00	6.00	21.00	17.00
1418J6	24.00	24.00	6.00	21.00	21.00
1418FG6	30.00	16.00	6.00	27.00	13.00
1418F6	30.00	20.00	6.00	27.00	17.00
1418K6	30.00	24.00	6.00	27.00	21.00
1418L6	36.00	24.00	6.00	33.00	21.00
1418M6	36.00	30.00	6.00	33.00	27.00
1418A8	12.00	24.00	8.00	9.00	21.00
1418B8	16.00	12.00	8.00	13.00	9.00
1418G8	16.00	16.00	8.00	13.00	13.00
1418CR8	16.00	20.00	8.00	13.00	17.00
1418CA8	20.00	12.00	8.00	17.00	9.00
1418C8	20.00	16.00	8.00	17.00	13.00
1418D8	20.00	20.00	8.00	17.00	17.00
1418ER8	20.00	24.00	8.00	17.00	21.00
1418AR8	24.00	12.00	8.00	21.00	9.00
1418H8	24.00	16.00	8.00	21.00	13.00
1418E8	24.00	20.00	8.00	21.00	17.00
1418J8	24.00	24.00	8.00	21.00	21.00
1418KR8	24.00	30.00	8.00	21.00	27.00
1418KA8	30.00	12.00	8.00	27.00	9.00
1418KG8	30.00	16.00	8.00	27.00	13.00
1418F8	30.00	20.00	8.00	27.00	17.00
1418K8	30.00	24.00	8.00	27.00	21.00
1418KK8	30.00	30.00	8.00	27.00	27.00
1418MR8	30.00	36.00	8.00	27.00	33.00
1418L8	36.00	24.00	8.00	33.00	21.00
1418M8	36.00	30.00	8.00	33.00	27.00
1418LL8	36.00	36.00	8.00	33.00	33.00
1418N8	42.00	24.00	8.00	39.00	21.00
1418O8	42.00	30.00	8.00	39.00	27.00
1418P8	42.00	36.00	8.00	39.00	33.00
1418Q8	48.00	24.00	8.00	45.00	21.00
1418R8	48.00	30.00	8.00	45.00	27.00
1418S8	48.00	36.00	8.00	45.00	33.00
1418T8	60.00	36.00	8.00	57.00	33.00
1418B10	16.00	12.00	10.00	13.00	9.00
1418C10	20.00	16.00	10.00	17.00	13.00
1418D10	20.00	20.00	10.00	17.00	17.00
1418AR10	24.00	12.00	10.00	21.00	9.00

Part No.	Enclosure H	Enclosure W	Enclosure D	Panel H	Panel W
1418E10	24.00	20.00	10.00	21.00	17.00
1418J10	24.00	24.00	10.00	21.00	21.00
1418F10	30.00	20.00	10.00	27.00	17.00
1418K10	30.00	24.00	10.00	27.00	21.00
1418L10	36.00	24.00	10.00	33.00	21.00
1418M10	36.00	30.00	10.00	33.00	27.00
1418O10	42.00	30.00	10.00	39.00	27.00
1418P10	42.00	36.00	10.00	39.00	33.00
1418R10	48.00	30.00	10.00	45.00	27.00
1418S10	48.00	36.00	10.00	45.00	33.00
1418T10	60.00	36.00	10.00	57.00	33.00
1418C12	20.00	16.00	12.00	17.00	13.00
1418E12	24.00	20.00	12.00	21.00	17.00
1418J12	24.00	24.00	12.00	21.00	21.00
1418K12	30.00	24.00	12.00	27.00	21.00
1418KK12	30.00	30.00	12.00	27.00	27.00
1418L12	36.00	24.00	12.00	33.00	21.00
1418M12	36.00	30.00	12.00	33.00	27.00
1418LL12	36.00	36.00	12.00	33.00	33.00
1418O12	42.00	30.00	12.00	39.00	27.00
1418P12	42.00	36.00	12.00	39.00	33.00
1418S12	48.00	36.00	12.00	45.00	33.00
1418T12	60.00	36.00	12.00	57.00	33.00
1418U12	72.00	30.00	12.00	69.00	27.00
1418V12	72.00	36.00	12.00	69.00	33.00
1418E16	24.00	20.00	16.00	21.00	17.00
1418J16	24.00	24.00	16.00	21.00	21.00
1418K16	30.00	24.00	16.00	27.00	21.00
1418M16	36.00	30.00	16.00	33.00	27.00
1418P16	42.00	36.00	16.00	39.00	33.00
1418S16	48.00	36.00	16.00	45.00	33.00
1418T16	60.00	36.00	16.00	57.00	33.00
1418U16	72.00	30.00	16.00	69.00	27.00
1418K20	30.00	24.00	20.00	27.00	21.00
1418M20	36.00	30.00	20.00	33.00	27.00
1418S20	48.00	36.00	20.00	45.00	33.00
1418T20	60.00	36.00	20.00	57.00	33.00
1418U20	72.00	30.00	20.00	69.00	27.00
1418K24	30.00	24.00	24.00	27.00	21.00
1418U24	72.00	30.00	24.00	69.00	27.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4 Mild Steel Wallmount Enclosure *1418 N4 Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1418N4

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Standards

- UL 508A Type 3R,12, 4
- CSA Type 3R, 12, 4
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies and doors.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Door and body stiffeners are provided in the larger enclosures for extra rigidity. Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Stainless steel continuous hinge on door may be removed by pulling the stainless steel hinge pin.
- Door is secured with easily operated stainless steel clamps.
- Provision for padlocking.
- Seamless poured-in place gasket.
- A removable 12 gauge inner panel is included.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Swing Panel Kit...*See Page* ***288***
- Door Stop Kit...*See Page* ***304***
- Door Clamping Hardware...*See Page* ***268***
- Wallmount Quick Release Clamp...*See Page* ***269***
- Lock kit...*See Page* ***271***
- Drip Shield Kit...*See Page* ***303***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Enclosure Stabilizers...*See Page* ***305***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4 Mild Steel Wallmount Enclosure *1418 N4 Series*

Continuous Hinge Door with Clamps

	Enclosure			Panel	
Part No.	H	W	D	H	W
1418N4B6	16.00	12.00	6.00	13.00	9.00
1418N4G6	16.00	16.00	6.00	13.00	13.00
1418N4CR6	16.00	20.00	6.00	13.00	17.00
1418N4C6	20.00	16.00	6.00	17.00	13.00
1418N4D6	20.00	20.00	6.00	17.00	17.00
1418N4AR6	24.00	12.00	6.00	21.00	9.00
1418N4H6	24.00	16.00	6.00	21.00	13.00
1418N4E6	24.00	20.00	6.00	21.00	17.00
1418N4J6	24.00	24.00	6.00	21.00	21.00
1418N4F6	30.00	20.00	6.00	27.00	17.00
1418N4K6	30.00	24.00	6.00	27.00	21.00
1418N4L6	36.00	24.00	6.00	33.00	21.00
1418N4B8	16.00	12.00	8.00	13.00	9.00
1418N4C8	20.00	16.00	8.00	17.00	13.00
1418N4D8	20.00	20.00	8.00	17.00	17.00
1418N4ER8	20.00	24.00	8.00	17.00	21.00
1418N4E8	24.00	20.00	8.00	21.00	17.00
1418N4J8	24.00	24.00	8.00	21.00	21.00
1418N4KR8	24.00	30.00	8.00	21.00	27.00
1418N4F8	30.00	20.00	8.00	27.00	17.00
1418N4K8	30.00	24.00	8.00	27.00	21.00
1418N4KK8	30.00	30.00	8.00	27.00	27.00
1418N4L8	36.00	24.00	8.00	33.00	21.00
1418N4M8	36.00	30.00	8.00	33.00	27.00
1418N4O8	42.00	30.00	8.00	39.00	27.00
1418N4P8	42.00	36.00	8.00	39.00	33.00
1418N4S8	48.00	36.00	8.00	45.00	33.00
1418N4T8	60.00	36.00	8.00	57.00	33.00
1418N4C10	20.00	16.00	10.00	17.00	13.00
1418N4E10	24.00	20.00	10.00	21.00	17.00
1418N4K10	30.00	24.00	10.00	27.00	21.00
1418N4M10	36.00	30.00	10.00	33.00	27.00
1418N4R10	48.00	30.00	10.00	45.00	27.00
1418N4S10	48.00	36.00	10.00	45.00	33.00
1418N4T10	60.00	36.00	10.00	57.00	33.00
1418N4E12	24.00	20.00	12.00	21.00	17.00
1418N4K12	30.00	24.00	12.00	27.00	21.00
1418N4L12	36.00	24.00	12.00	33.00	21.00
1418N4M12	36.00	30.00	12.00	33.00	27.00
1418N4P12	42.00	36.00	12.00	39.00	33.00
1418N4S12	48.00	36.00	12.00	45.00	33.00
1418N4K16	30.00	24.00	16.00	27.00	21.00
1418N4M16	36.00	30.00	16.00	33.00	27.00
1418N4S16	48.00	36.00	16.00	45.00	33.00
1418N4T16	60.00	36.00	16.00	57.00	33.00

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Type 12 Mild Steel Two Door Wallmount Enclosure *1422 Series*

Continuous Hinge Door with Handle

Inner Panel Included

Quick Link: hammfg.com/1422

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Enclosures are formed 14 gauge steel with 12 gauge steel inner panels. Exceptions are 42”x60” and 48”x48” which are formed 12 gauge steel with 10 gauge steel inner panels.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Body stiffeners are provided in enclosures 30” high or more for extra rigidity.
- Welded brackets provide for enclosure mounting.
- Gasketed overlapping doors eliminate the need for a center post.
- Continuously hinged doors may be removed by pulling the hinge pin.
- Doors are secured with a three point latch and operated with a key locking automotive type handle.
- Latch rods are equipped with rollers for easier door closing.
- Oil resistant gaskets are permanently secured.
- A removable 10 gauge inner panel is included in enclosures as noted.
- Smaller sizes include a 12 gauge inner panel.
- Collar studs are provided for mounting inner panels.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating on the inside and outside.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Door Stop Kit...*See Page* ***304***
- Enclosure Stabilizers...*See Page* ***305***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1422P8	24.00	42.00	8.00	21.00	39.00
1422PW8	24.00	48.00	8.00	21.00	45.00
1422P10	24.00	42.00	10.00	21.00	39.00
1422R10	30.00	42.00	10.00	27.00	39.00
1422RW10	30.00	48.00	10.00	27.00	45.00
1422RX10	30.00	60.00	10.00	27.00	57.00
1422UV12	36.00	42.00	12.00	33.00	39.00
1422UW12	36.00	48.00	12.00	33.00	45.00
1422UX12	36.00	60.00	12.00	33.00	57.00
1422VV12	42.00	42.00	12.00	39.00	39.00
1422VW12	42.00	48.00	12.00	39.00	45.00
1422VX12	42.13	60.06	12.69	38.00	56.00
1422WW12	48.13	48.06	12.69	44.00	44.00

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4 Mild Steel Wallmount Enclosure *HWHK Series*

Hinge Door with Handle

Quick Link: hammfg.com/HWHK

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.
- Ideal for processing plants, utility, outdoor municipal or petro chemical locations where easy yet secure access is required.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA 3R, 4, 12 and 13
  - IEC 60529, IP 66

Construction

- Formed 14 gauge steel bodies and doors.
- Continuously welded seams ground smooth.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Powder coated black zinc diecast pad lockable handle with 3 point roller latching system secures door.
- Stainless steel continuous hinge on door may be removed by pulling the stainless steel hinge pin
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Bonding stud provided on door and grounding stud installed in enclosure.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating interior and exterior.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Swing Panel Kit...*See Page* ***288***
- Door Stop Kit...*See Page* ***304***
- Type 12/4, 4X Handle Kits...*See Page* ***270***
- Drip Shield Kit...*See Page* ***303***
- Enclosure Stabilizers...*See Page* ***305***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Overall Dimensions			Optional Inner Panel		
Part No.	A	B	C	Part No.	H	W
HW24206GYHK	24.00	20.00	6.00	**18P2117**	21.00	17.00
HW24246GYHK	24.00	24.00	6.00	**18P2121**	21.00	21.00
HW24168GYHK	24.00	16.00	8.00	**18P2113**	21.00	13.00
HW24208GYHK	24.00	20.00	8.00	**18P2117**	21.00	17.00
HW24248GYHK	24.00	24.00	8.00	**18P2121**	21.00	21.00
HW24308GYHK	24.00	30.00	8.00	**18P2721**	27.00	21.00
HW30208GYHK	30.00	20.00	8.00	**18P2717**	27.00	17.00
HW30248GYHK	30.00	24.00	8.00	**18P2721**	27.00	21.00
HW30308GYHK	30.00	30.00	8.00	**18P2727**	27.00	27.00
HW36248GYHK	36.00	24.00	8.00	**18P3321**	33.00	21.00
HW36308GYHK	36.00	30.00	8.00	**18P3327**	33.00	27.00
HW42368GYHK	42.00	36.00	8.00	**18P3933**	39.00	33.00
HW48368GYHK	48.00	36.00	8.00	**18P4533**	45.00	33.00
HW242010GYHK	24.00	20.00	10.00	**18P2117**	21.00	17.00
HW302410GYHK	30.00	24.00	10.00	**18P2721**	27.00	21.00
HW362410GYHK	36.00	24.00	10.00	**18P3321**	33.00	21.00
HW363010GYHK	36.00	30.00	10.00	**18P3327**	33.00	27.00
HW423010GYHK	42.00	30.00	10.00	**18P3927**	39.00	27.00
HW483610GYHK	48.00	36.00	10.00	**18P4533**	45.00	33.00
HW242412GYHK	24.00	24.00	12.00	**18P2121**	21.00	21.00
HW302412GYHK	30.00	24.00	12.00	**18P2721**	27.00	21.00
HW363012GYHK	36.00	30.00	12.00	**18P3327**	33.00	27.00
HW363612GYHK	36.00	36.00	12.00	**18P3333**	33.00	33.00
HW423612GYHK	42.00	36.00	12.00	**18P3933**	39.00	33.00
HW483612GYHK	48.00	36.00	12.00	**18P4533**	45.00	33.00
HW603612GYHK	60.00	36.00	12.00	**18P5733**	57.00	33.00
HW302416GYHK	30.00	24.00	16.00	**18P2721**	27.00	21.00
HW363016GYHK	36.00	30.00	16.00	**18P3327**	33.00	27.00
HW483616GYHK	48.00	36.00	16.00	**18P4533**	45.00	33.00
HW603616GYHK	60.00	36.00	16.00	**18P5733**	57.00	33.00

Alternative inner panel options also available.

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All dimensions in inches unless specified otherwise

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Type 4 Two Door Wallmount Enclosure *HN4 WM Series*

Continuous Hinge Door with Handle

Inner Panel Included

Quick Link: hammfg.com/HN4WM

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Construction

- Formed 12 gauge steel
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Doors are supported with heavy gauge continuous hinges.
- 3-pt padlocking door handle.
- Seamless poured-in place gasket.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- Center post is removable for easy installation of the inner panel.

Standards

- UL 508A Type 3R, 4, and 12
- CSA Type 3R, 4, and 12
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Mechanical Interlock...*See Page* ***280***
- Door Stop Kit...*See Page* ***304***
- Barrier Kits for Type 4 Wallmount...*See Page* ***312***
- Type 12/4, 4X Handle Kits...*See Page* ***270***
- Drip Shield Kit...*See Page* ***303***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part Number	H	W	D	H	W
HN4WM24428GY	24.00	42.00	8.00	21.00	39.00
HN4WM24488GY	24.00	48.00	8.00	21.00	45.00
HN4WM304210GY	30.00	42.00	10.00	27.00	39.00
HN4WM304810GY	30.00	48.00	10.00	27.00	45.00
HN4WM306010GY	30.00	60.00	10.00	27.00	57.00
HN4WM364212GY	36.00	42.00	12.00	33.00	39.00
HN4WM364812GY	36.00	48.00	12.00	33.00	45.00
HN4WM366012GY	36.00	60.00	12.00	33.00	57.00
HN4WM424212GY	42.00	42.00	12.00	39.00	39.00
HN4WM424812GY	42.00	48.00	12.00	39.00	45.00
HN4WM426012GY	42.00	60.00	12.00	38.00	56.00
HN4WM484812GY	48.00	48.00	12.00	44.00	44.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Two Door Floormount Enclosure *1422 FM Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/1422FM

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Enclosures are formed steel - 14 gauge (54" high), 12 gauge (60" high), or combination 10/12 gauge (72" high).
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Body stiffeners are provided in enclosures for extra rigidity.
- Heavy duty lifting eyebolts are provided with reinforced support angles.
- 12" floor stands are welded to the enclosure. (w/ feet Part No.).
- Welded brackets provide for enclosure mounting (w/o feet Part No.).
- Gasketed overlapping doors eliminate the need for a center post.
- Continuously hinged doors may be removed by pulling the hinge pin.
- Doors are secured with a three point latch and operated with a key locking, padlockable handle.
- Latch rods are equipped with rollers for easier door closing.
- Oil resistant gaskets are permanently secured.
- A removable 10 gauge inner panel is included in enclosures 60" and larger. Smaller sizes include a 12 gauge inner panel.
- Provision for light kit mounting.
- Panel supports are provided in enclosures 60" and larger for easy panel installation.
- Collar studs are provided for mounting inner panels.
- A grounding stud is provided in the enclosure for each door and a bonding stud is provided on the door.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Enclosure Stabilizers...*See Page* ***305***
- Floor Stand Kit...*See Page* ***304***
- Top Hat Cable Modules...*See Page* ***311***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

with Feet	w/o Feet	Enclosure			Panel	
Part No.	Part No.	H	W	D	H	W
1422A8F	1422A8	54.13	42.06	8.69	50.00	38.00
1422B8F	1422B8	60.13	48.06	8.69	56.00	44.00
1422B10F	1422B10	60.13	48.06	10.69	56.00	44.00
1422D10F	1422D10	60.13	60.06	10.69	56.00	56.00
1422E10F	1422E10	72.13	60.06	10.69	68.00	56.00
1422F10F	1422F10	72.13	72.06	10.69	68.00	38.00
1422B12F	1422B12	60.13	48.06	12.69	56.00	44.00
1422D12F	1422D12	60.13	60.06	12.69	56.00	56.00
1422E12F	1422E12	72.13	60.06	12.69	68.00	56.00
1422F12F	1422F12	72.13	72.06	12.69	68.00	68.00
1422B16F	1422B16	60.13	48.06	16.69	56.00	44.00
1422D16F	1422D16	60.13	60.06	16.69	56.00	56.00
1422E16F	1422E16	72.13	60.06	16.69	68.00	56.00
1422F16F	1422F16	72.13	72.06	16.69	68.00	68.00
1422B20F	1422B20	60.13	48.06	20.69	56.00	44.00
1422E20F	1422E20	72.13	60.06	20.69	68.00	56.00
1422F20F	1422F20	72.13	72.06	20.69	68.00	68.00
1422B24F	1422B24	60.13	48.06	24.69	56.00	44.00
1422D24F	1422D24	60.13	60.06	24.69	56.00	56.00
1422E24F	1422E24	72.13	60.06	24.69	68.00	56.00
1422F24F	1422F24	72.13	72.06	24.69	68.00	68.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4 Mild Steel Two Door Floormount Enclosure *1422 N4 FM Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1422N4FM

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4 12 and 13
  - IEC 60529, IP66

Construction

- Enclosures are formed steel - 12 gauge (60” high) or combination 10/12 gauge (72” high).
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Heavy duty lifting eyebolts are provided with reinforcing support angles.
- Center post is removable for easy installation of the inner panel.
- Formed lip on door and top of enclosure opening exclude flowing liquids and contaminants.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Doors are secured with heavy duty stainless steel clamps.
- Provision for padlocking.
- 12” floor stands are welded to the enclosure.
- Seamless poured-in place gasket.
- Provision for light kit mounting.
- A removable 10 gauge inner panel is included.
- Panel supports are provided for easy panel installation.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Removable white inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Barrier Kits for Type 4 Floormount...*See Page* ***312***
- Drip Shield Kit...*See Page* ***303***
- Enclosure Stabilizers...*See Page* ***305***
- Climate Control...*See Page* ***234***
- Window Kits...*See Page* ***294***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

w/ Feet	Enclosure			Panel	
Part No.	H	W	D	H	W
1422N4B10F	60.13	48.06	10.69	56.00	44.00
1422N4D12F	60.13	60.06	12.69	56.00	56.00
1422N4E12F	72.13	60.06	12.69	68.00	56.00
1422N4F12F	72.13	72.06	12.69	68.00	68.00
1422N4F24F	72.13	72.06	24.69	68.00	68.00

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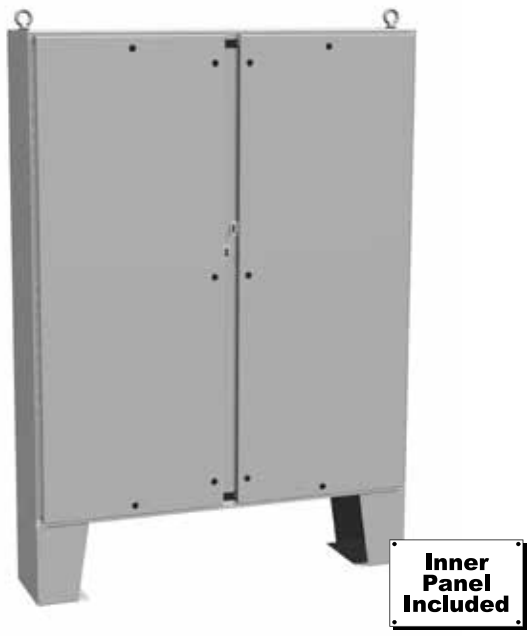
Type 4 Mild Steel Two Door Floormount Enclosure *1422 N4 FM QT Series*

Continuous Hinge Door with Quarter Turn



Quick Link: hammfg.com/1422N4FMQT

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4 12 and 13
  - IEC 60529, IP66

Construction

- Enclosures are formed steel - 12 gauge (60” high) or combination 10/12 gauge (72” high).
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Heavy duty lifting eyebolts are provided with reinforcing support angles.
- Center post is removable for easy installation of the inner panel.
- Formed lip on door and top of enclosure opening exclude flowing liquids and contaminants.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Doors are secured with quarter turn latches.
- Provision for padlocking.
- 12” floor stands are welded to the enclosure.
- Seamless poured-in place gasket.
- Provision for light kit mounting.
- A removable 10 gauge inner panel is included.
- Panel supports are provided for easy panel installation.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Removable white inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Barrier Kits for Type 4 Floormount...*See Page* ***312***
- Drip Shield Kit...*See Page* ***303***
- Enclosure Stabilizers...*See Page* ***305***
- Climate Control...*See Page* ***234***
- Window Kits...*See Page* ***294***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1422N4B10FQT	60.13	48.06	10.69	56.00	44.00
1422N4D12FQT	60.13	60.06	12.69	56.00	56.00
1422N4E12FQT	72.13	60.06	12.69	68.00	56.00
1422N4F12FQT	72.13	72.06	12.69	68.00	68.00
1422N4F24FQT	72.13	72.06	24.69	68.00	68.00

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Type 4 Mild Steel Two Door Floormount Enclosure *HN4 FM Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/HN4FM

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

Construction

- Enclosures are formed steel - 12 gauge (60” high) or combination 10/12 gauge (72” high).
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Lifting eyes provide for easy enclosure handling.
- Doors are supported with heavy gauge continuous hinges.
- 3-pt padlocking door handle.
- Seamless poured-in place gasket.
- Provision for light kit mounting.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- Center post is removable for easy installation of the inner panel.
- 12” floor stands are welded to the enclosure.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Formed lip on door and top of enclosure opening exclude flowing liquids and contaminants.
- A removable 10 gauge inner panel is included.
- Panel supports are provided for easy panel installation.
- Collar studs are provided for mounting inner panels.
- A literature pocket is provided for the inside of the door.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with:
  - NEMA Type 3R, 4, 12 and 3
  - IEC 60529, IP66

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Removable white inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Barrier Kits for Type 4 Floormount...*See Page* ***312***
- Mechanical Interlock...*See Page* ***280***
- Drip Shield Kit...*See Page* ***303***
- Top Hat Cable Modules...*See Page* ***311***
- Enclosure Stabilizers...*See Page* ***305***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
HN4FM604810	60.13	48.06	10.69	56.00	44.00
HN4FM604818	60.13	48.06	18.69	56.00	44.00
HN4FM606012	60.13	60.06	12.69	56.00	56.00
HN4FM606018	60.13	60.06	18.69	56.00	56.00
HN4FM726012	72.13	60.06	12.69	68.00	56.00
HN4FM726018	72.13	60.06	18.69	68.00	56.00
HN4FM727212	72.13	72.06	12.69	68.00	68.00
HN4FM727218	72.13	72.06	18.69	68.00	68.00
HN4FM727224	72.13	72.06	24.69	68.00	68.00

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Type 12 Mild Steel Freestanding Enclosure *1418 FS Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/1418FS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides a degree of protection from falling dirt, dust, oil and water.
- Available with front access only or both front and rear access.
- A variety of inner panels, rack mounting rails and swing out frames are available to provide flexibility in mounting arrangements.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Formed 12 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Lifting eyes provide for easy enclosure handling.
- Doors are supported with heavy gauge continuous hinges.
- Doors are secured with a three point latch and operated with a key locking automotive type handle.
- Latch rods are equipped with rollers for easier door closing.
- Oil resistant gaskets are permanently secured .
- Provision for light kit mounting.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- A literature pocket is provided for the inside of the door (Two pockets are provided for dual access units).

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Optional inner panels, rails, frames and supports are available in white powder coating.

Accessories

- Inner Panels...*See Page* ***286***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 12 Mild Steel Freestanding Enclosure *1418 FS Series*

Continuous Hinge Door with Handle

Single Access

Part No.	Enclosure H	W	D	Optional Full Panel[1]
1418TW18	60.06	24.06	18.06	**60TWFW**
1418W18	72.06	24.06	18.06	**72WFW**
1418X18	72.06	30.06	18.06	**72XFW**
1418Y18	72.06	36.06	18.06	**72YFW**
1418YW20	90.06	24.06	20.06	**90YWFW**
1418YY20	90.06	36.06	20.06	**90YFW**
1418TY24	60.06	36.06	24.06	**60TYFW**
1418W24	72.06	24.06	24.06	**72WFW**
1418X24	72.06	30.06	24.06	**72XFW**
1418Y24	72.06	36.06	24.06	**72YFW**
1418YY24	90.06	36.06	24.06	**90YFW**
1418W30	72.06	24.06	30.06	**72WFW**
1418Y30	72.06	36.06	30.06	**72YFW**
1418W36	72.06	24.06	36.06	**72WFW**
1418Y36	72.06	36.06	36.06	**72YFW**
1418YY36	90.06	36.06	36.06	**90YFW**

[1] Refers to optional full height/full width panels. Depth panels/half height width panels are also available

Maximum Usable Depth

Enclosure Depth	Max Usable Depth
18.06	17.80
20.06	19.80
24.06	23.80
30.06	29.80
36.06	35.80

- Single Access only.
- From the inside surface of front door to front face of full width panel
- Inner panel in full back position

Dual Access

Part No.	Enclosure H	W	D	Optional Full Panel[1]
1418WD24	72.06	24.06	24.06	**72WFW**
1418XD24	72.06	30.06	24.06	**72XFW**
1418YD24	72.06	36.06	24.06	**72YFW**
1418YYD24	90.06	36.06	24.06	**90YFW**
1418WD30	72.06	24.06	30.03	**72WFW**
1418WD36	72.06	24.06	36.06	**72WFW**
1418YD36	72.06	36.06	36.06	**72YFW**
1418YYD36	90.06	36.06	36.06	**90YFW**

[1] Refers to optional full height/full width panels. Depth panels/half height width panels are also available

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Type 4 Mild Steel Freestanding Enclosure *1418 N4 FS Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1418N4FS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.
- A variety of inner panels, rack mounting rails and swing out frames are available to provide flexibility in mounting arrangements.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4, 12 and 3
  - IEC 60529, IP66

Construction

- Formed 12 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Lifting eyes provide for easy enclosure handling.
- Doors are supported with heavy gauge continuous hinges.
- Doors are secured with heavy duty stainless steel clamps.
- Seamless poured-in place gasket.
- Provision for light kit mounting.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Optional inner panels are available in white powder coating, or unpainted galvanized steel.

Accessories

- Inner Panels...*See Page* ***286***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Optional
Part No.	H	W	D	Full Panel[1]
1418N4W18	72.06	25.06	18.06	**72WFW**
1418N4X24	72.06	31.06	24.06	**72XFW**
1418N4Y24	72.06	37.06	24.06	**72YFW**

[1] Refers to optional full height/full width panels. Depth panels/half height width panels are also available

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Type 4 Mild Steel Freestanding Enclosure *1418 N4 FS QT Series*

Continuous Hinge Door with Quarter Turn

Quick Link: hammfg.com/1418N4FSQT

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.
- A variety of inner panels, rack mounting rails and swing out frames are available to provide flexibility in mounting arrangements.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4, 12 and 3
  - IEC 60529, IP66

Construction

- Formed 12 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Lifting eyes provide for easy enclosure handling.
- Doors are supported with heavy gauge continuous hinges.
- Doors are secured quarter turn latches.
- Seamless poured-in place gasket.
- Provision for light kit mounting.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Optional inner panels are available in white powder coating, or unpainted galvanized steel.

Accessories

- Inner Panels...*See Page* ***286***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Optional
Part No.	H	W	D	Full Panel[1]
1418N4W18QT	72.06	25.06	18.06	**72WFW**
1418N4X24QT	72.06	31.06	24.06	**72XFW**
1418N4Y24QT	72.06	37.06	24.06	**72YFW**

[1] Refers to optional full height/full width panels. Depth panels/half height width panels are also available

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Type 4 Mild Steel Freestanding Enclosure *HN4 FS Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/HN4FS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.
- A variety of inner panels, rack mounting rails and swing out frames are available to provide flexibility in mounting arrangements.

Construction

- Formed 12 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Lifting eyes provide for easy enclosure handling.
- Doors are supported with heavy gauge continuous hinges.
- New 3-pt padlocking door handle.
- Seamless poured-in place gasket.
- Provision for light kit mounting.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.

Standards

- UL 508A Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with:
  - NEMA Type 3R, 4, 12 and 3
  - IEC 60529, IP66

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Optional inner panels are available in white powder coating, or unpainted galvanized steel.

Accessories

- Inner Panels...*See Page* ***286***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Optional
Part No.	H	W	D	Inner Panel
HN4FS722518	72.06	25.06	18.06	**72WFW**
HN4FS723124	72.06	31.06	24.06	**72XFW**
HN4FS723724	72.06	37.06	24.06	**72YFW**

[1] Refers to optional full height/full width panels. Depth panels/half height width panels are also available

Technical references and CAD downloads available at www.hammondmfg.com

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Type 12 Mild Steel Two Door Freestanding Enclosure *1418 FS Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/1418TDFS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides a degree of protection from falling dirt, dust, oil and water.
- Available with front access only or both front and rear access.
- A variety of inner panels, rack mounting angles and swing frames are available to provide flexibility in equipment mounting.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Formed 12 gauge steel (10 gauge on back of single access enclosures).
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Stiffeners on the rear of the enclosure provide rigidity. (Single access)
- Lifting eyes provide for easy enclosure handling.
- Doors are supported with heavy gauge continuous hinges.
- Doors are secured with a three point latch and operated with a key locking automotive type handle.
- Latch rods are equipped with rollers for easier door closing.
- Oil resistant gaskets are permanently secured.
- Provision for light kit mounting.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door (Two pockets are provided for dual access units).

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Optional inner panels, rails, frames and supports are available in white powder coating.

Accessories

- Inner Panels...*See Page* ***286***
- Center Panel Supports...*See Page* ***292***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Top Hat Cable Modules...*See Page* ***311***
- Climate Control...*See Page* ***234***
- Window Kits...*See Page* ***294***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

Single Access

Part No.	Enclosure H	W	D	Optional Full Panel[1]
1418AW18	60.06	48.06	18.06	**60AWFW**
1418ZW18	72.06	48.06	18.06	**72ZWFW**
1418ZX18	72.06	60.06	18.06	**72ZXFW**
1418ZY18	72.06	72.06	18.06	**72ZYFW**
1418BW20	90.06	48.06	20.06	**90BWFW**
1418BY20	90.06	72.06	20.06	**90BYFW**
1418BY24	90.06	72.06	24.06	**90BYFW**
1418ZW24	72.06	48.06	24.06	**72ZWFW**
1418ZX24	72.06	60.06	24.06	**72ZXFW**
1418ZY24	72.06	72.06	24.06	**72ZYFW**
1418ZX36	72.06	60.06	36.06	**72ZXFW**
1418BY36	90.06	72.06	36.06	**90BYFW**

[1] Refers to optional full height/full width panels. Depth panels/half height width panels are also available

Dual Access

Part No.	Enclosure H	W	D	Optional Full Panel[1]
1418ZWD24	72.06	48.06	24.06	**72ZWFW**
1418ZXD24	72.06	60.06	24.06	**72ZXFW**
1418ZYD24	72.06	72.06	24.06	**72ZYFW**
1418BYD24	90.06	72.06	24.06	**90BYFW**
1418ZXD36	72.06	60.06	36.06	**72ZXFW**

[1] Refers to optional full height/full width panels. Depth panels/half height width panels are also available

Technical references and CAD downloads available at www.hammondmfg.com

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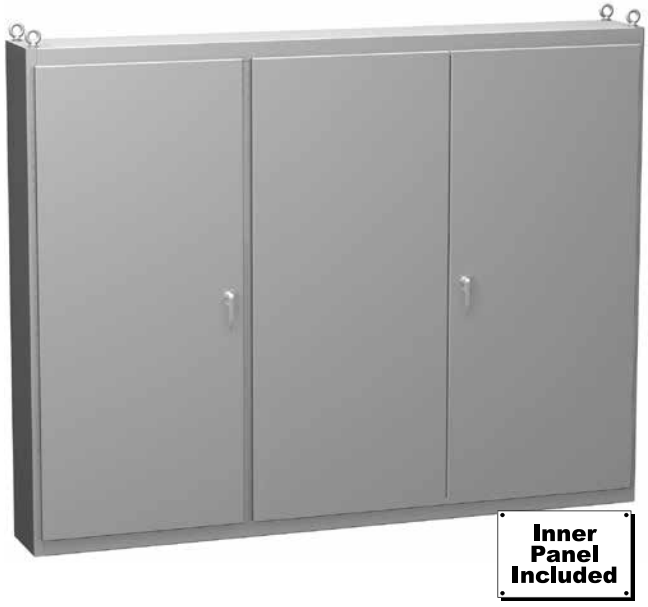
Type 12 Mild Steel Multi-Door Freestanding Enclosure *1422 MD Series*

Continuous Hinge Door with Handle



Quick Link: hammfg.com/1422MD

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Formed 10 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Heavy duty body stiffeners are provided for extra rigidity.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Double door openings have gasketed overlapping doors, eliminating the need for a center post.
- Continuously hinged doors may be removed by pulling the hinge pin.
- Doors are secured with a three point padlocking handle.
- Latch rods are equipped with rollers for easier door closing.
- Oil resistant gaskets are permanently secured.
- Removable 10 gauge inner panels are included in the enclosures.
- 3 door units have 2 panels (34” x 78” and 70” x 78”).
- 4 door units have 2 panels (70” x 78” each).
- Slave doors have mechanical interlock and cannot be opened unless the master door is open.
- Panel supports are provided in enclosures for easy panel installation.
- Collar studs are provided for mounting inner panels.
- A grounding stud is provided in the enclosure for each door and a bonding stud is provided on the door.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panels are finished in white powder coating.

Accessories

- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panels		
Part No.	H	W	D	H	W1	W2
1422MD3	86.12	112.00	14.12	78.00	70.00	34.00
1422MD320	86.12	112.00	20.12	78.00	70.00	34.00
1422MD4	86.12	149.12	14.12	78.00	70.00	70.00
1422MD420	86.12	149.12	20.12	78.00	70.00	70.00

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Stainless Steel Enclosures (Type 4X)

Type 4X Stainless Steel Junction Box
Eclipse Junior Series
Continuous Hinge Door with Quarter Turn..... 43

Type 4X Stainless Steel Junction Box
1414 N4 PH SS Series
Continuous Hinge Door with Clamps..... 44

Type 4X Stainless Steel Junction Box
1414 N4 SS Series
Lift-Off Cover with Clamps..... 45

Type 4X Stainless Steel Wallmount Enclosure
Eclipse Series
Hinge Door with Quarter Turn/Handle 46

Type 4X Stainless Steel Wallmount Enclosure w/ Window
Eclipse Series
Hinge Door with Quarter Turn..... 48

Type 4X Stainless Steel Wallmount Enclosure w/ Sloped Top
ST SS Series
Hinge Door with Quarter Turn..... 50

Type 4X Stainless Steel Wallmount Enclosure
1418 N4 SS Series
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Type 4X Stainless Steel Wallmount Enclosure
HWSSHK Series
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Type 4X Painted White Stainless Steel Wallmount Enclosure
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Hinge Door with Handle..... 56

Type 4X Stainless Steel Two Door Wallmount Enclosure
HN4 WM SS Series
Continuous Hinge Door with Handle 57

IP69K/Type 4X Stainless Steel Wallmount Enclosure
Waterfall Series
Sloped Top with Quarter Turns 58

Type 4X Stainless Steel Two Door Floormount Enclosure
1422 N4 SS Series
Continuous Hinge Door with Clamps..... 60

Type 4X Stainless Steel Two Door Floormount Enclosure
1422 N4 QT SS Series
Continuous Hinge Door with Quarter Turn..... 61

Type 4X Stainless Steel Two Door Floormount Enclosure
HN4 FM SS Series
Continuous Hinge Door with Handle 62

Type 4X Stainless Steel Freestanding Enclosure
1418 N4 FS SS Series
Continuous Hinge Door with Clamps..... 63

Type 4X Stainless Steel Freestanding Enclosure
1418 N4 FS QT SS Series
Continuous Hinge Door with Quarter Turn..... 66

Type 4X Stainless Steel Freestanding Enclosure
HN4 FS SS Series
Continuous Hinge Door with Handle 64

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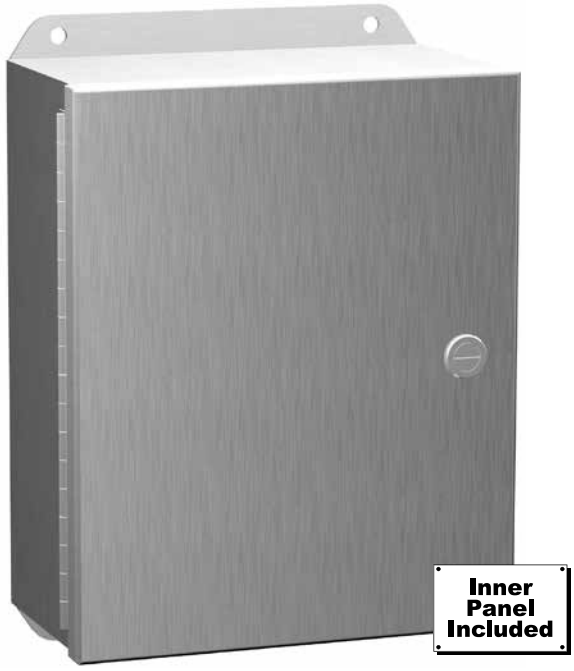
Type 4X Stainless Steel Junction Box *Eclipse Junior Series*

Continuous Hinge Door with Quarter Turn



Quick Link: hammfg.com/EJSS

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion may be a problem.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

Standards

- UL 508A Type 3R, 4, 4X, 12, and 13
- CSA Type 3R, 4, 4X, 12, and 13
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Body and cover are formed from 16 guage 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts, or holes.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- 14 gauge welded brackets provide for enclosure mounting.
- Continuously hinged cover has stainless steel hinges and provides 180° opening.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Quarter turn latches formed from 316 stainless steel.
- Seamless poured-in place gasket.
- Models larger than 4”x4” include a removable 14 gauge galvanized inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.
- Grounding and panel mounting hardware provided.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable inner panel is unpainted galvanized steel.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Swing Panel Kit...*See Page* ***288***
- Terminal Kit Assemblies...*See Page* ***288***
- Padlock Adaptor...*See Page* ***272***
- Quarter Turn Assemblies...*See Page* ***273***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

304 S.S.	316 S.S.	Enclosure			Panel	
Part No.	Part No.	H	W	D	H	W
EJ443SS	EJ443S16	4.00	4.00	3.00	N/A	N/A
EJ444SS	EJ444S16	4.00	4.00	4.00	N/A	N/A
EJ643SS	EJ643S16	6.00	4.00	3.00	4.88	2.88
EJ863SS	EJ863S16	8.00	6.00	3.50	6.75	4.88
EJ644SS	EJ644S16	6.00	4.00	4.00	4.88	2.88
EJ664SS	EJ664S16	6.00	6.00	4.00	4.88	4.88
EJ884SS	EJ884S16	8.00	8.00	4.00	6.75	6.88
EJ1084SS	EJ1084S16	10.00	8.00	4.00	8.75	6.88
EJ1264SS	EJ1264S16	12.00	6.00	4.00	10.75	4.88
EJ12124SS	EJ12124S16	12.00	12.00	4.00	10.75	10.88
EJ12105SS	EJ12105S16	12.00	10.00	5.00	10.75	8.88
EJ866SS	EJ866S16	8.00	6.00	6.00	6.75	4.88
EJ1086SS	EJ1086S16	10.00	8.00	6.00	8.75	6.88
EJ10106SS	EJ10106S16	10.00	10.00	6.00	8.75	8.88
EJ12106SS	EJ12106S16	12.00	10.00	6.00	10.75	8.88
EJ12126SS	EJ12126S16	12.00	12.00	6.00	10.75	10.88
EJ14126SS	EJ14126S16	14.00	12.00	6.00	12.75	10.88
EJ16146SS	EJ16146S16	16.00	14.00	6.00	14.75	12.88
EJ12108SS	EJ12108S16	12.00	10.00	8.00	10.75	8.88
EJ14128SS	EJ14128S16	14.00	12.00	8.00	12.75	10.88
EJ16148SS	EJ16148S16	16.00	14.00	8.00	14.75	12.88
EJ161410SS	EJ161410S16	16.00	14.00	10.00	14.75	12.88

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Type 4X Stainless Steel Junction Box *1414 N4 PH SS Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1414N4PHSS

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion may be a problem.

Standards

- UL 508A Type 3R, 4, 4X, 12 and 13
- CSA Type 3R, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed from 14 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Continuous stainless steel hinged cover is secured with stainless steel clamps and screws.
- Seamless poured-in place gasket.
- All models include a removable 14 gauge inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Swing Panel Kit...*See Page* ***288***
- Terminal Kit Assemblies...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Junction Box Quick Release Clamp...*See Page* ***268***
- Junction Box Padlock Kit...*See Page* ***268***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

304 S.S.	316 S.S.	Enclosure			Panel	
Part No.	Part No.	H	W	D	H	W
1414N4PHSSC4	1414N4PHS16C4	6.00	4.00	4.00	4.88	2.88
1414N4PHSSE	1414N4PHS16E	6.00	6.00	4.00	4.88	4.88
1414N4PHSSG	1414N4PHS16G	8.00	6.00	3.50	6.75	4.88
1414N4PHSSG4	1414N4PHS16G4	8.00	6.00	4.00	6.75	4.88
1414N4PHSSI	1414N4PHS16I	10.00	8.00	4.00	8.75	6.88
1414N4PHSSK	1414N4PHS16K	12.00	10.00	5.00	10.75	8.88
1414N4PHSSK6	1414N4PHS16K6	12.00	10.00	6.00	10.75	8.88
1414N4PHSSL6	1414N4PHS16L6	12.00	12.00	6.00	10.75	10.88
1414N4PHSSM6	1414N4PHS16M6	14.00	12.00	6.00	12.75	10.88
1414N4PHSSO6	1414N4PHS16O6	16.00	14.00	6.00	14.75	12.88
1414N4PHSSM8	1414N4PHS16M8	14.00	12.00	8.00	12.75	10.88
1414N4PHSSO10	1414N4PHS16O10	16.00	14.00	10.00	14.75	12.88

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Type 4X Stainless Steel Junction Box *1414 N4 SS Series*

Lift-Off Cover with Clamps

Quick Link: hammfg.com/1414N4SS

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion may be a problem.

Standards

- UL 508A Type 3R, 4, 4X, 12 and 13.
- CSA Type 3R, 4, 4X, 12 and 13.
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed from 14 gauge 304 stainless steel.
- Smooth, continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Lift-Off cover is secured with stainless steel clamps and screws.
- Seamless poured-in place gasket.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Swing Panel Kit...*See Page* ***288***
- Terminal Kit Assemblies...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1414N4SSA	4.00	4.00	3.00	-	-
1414N4SSC4	6.00	4.00	4.00	4.88	2.88
1414N4SSG	8.00	6.00	3.50	6.75	4.88
1414N4SSE	6.00	6.00	4.00	4.88	4.88
1414N4SSI	10.00	8.00	4.00	8.75	6.88
1414N4SSK	12.00	10.00	5.00	10.75	8.88
1414N4SSM6	14.00	12.00	6.00	12.75	10.88
1414N4SSO6	16.00	14.00	6.00	14.75	12.88

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Type 4X Stainless Steel Wallmount Enclosure *Eclipse Series*

Hinge Door with Quarter Turn/Handle

Quick Link: hammfg.com/EN4SDSS

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Impressive styling features like hidden hinges and attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- Complies with
  - NEMA 3R, 4, 4X, 12 and 13
  - IEC 60529, IP 66

Construction

- Formed 14 (24x24" and larger) or 16 (24x20" and smaller) gauge stainless steel.
- Continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latching: Type A has stainless steel slotted quarter turns, Type B has stainless steel handle with 3 point latching.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Stainless steel hinge pins and quarter turns.
- Door alignment guide provided on 36" wide enclosures.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.

Accessories

- Additional Inner Panels...*See Page* ***282***
- Swing Panel...*See Page* ***290***
- Swing Frame...*See Page* ***291***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Quarter Turn Assemblies...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Handles...*See Page* ***276***
- Replacement Hinge Pins...*See Page* ***274***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

304 S.S.	316 S.S.	Enclosure				Optional Inner Panel		
Part No.	Part No.	H	W	D	Latch Type	Part No.	H	W
EN4SD12126SS	**EN4SD12126S16**	12.00	12.00	6.00	A	**EP1212**	10.20	10.20
EN4SD16126SS	**EN4SD16126S16**	16.00	12.00	6.00	A	**EP1612**	14.20	10.20
EN4SD16166SS	**EN4SD16166S16**	16.00	16.00	6.00	A	**EP1616**	14.20	14.20
EN4SD16206SS	**-**	16.00	20.00	6.00	A	**EP1620**	14.20	18.20
EN4SD20166SS	**EN4SD20166S16**	20.00	16.00	6.00	A	**EP2016**	18.20	14.20
EN4SD20206SS	**EN4SD20206S16**	20.00	20.00	6.00	A	**EP2020**	18.20	18.20
EN4SD24206SS	-	24.00	20.00	6.00	A	**EP2420**	22.20	18.20
EN4SD16128SS	**EN4SD16128S16**	16.00	12.00	8.00	A	**EP1612**	14.20	10.20
EN4SD16168SS	**EN4SD16168S16**	16.00	16.00	8.00	A	**EP1616**	14.20	14.20
EN4SD16208SS	**EN4SD16208S16**	16.00	20.00	8.00	A	**EP1620**	14.20	18.20

Alternative inner panel options also available.

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Type 4X Stainless Steel Wallmount Enclosure *Eclipse Series*

Hinge Door with Quarter Turn/Handle

304 S.S.	316 S.S.	Enclosure				Optional Inner Panel		
Part No.	Part No.	H	W	D	Latch Type	Part No.	H	W
EN4SD20168SS	EN4SD20168S16	20.00	16.00	8.00	A	EP2016	18.20	14.20
EN4SD20208SS	EN4SD20208S16	20.00	20.00	8.00	A	EP2020	18.20	18.20
EN4SD20248SS	-	20.00	24.00	8.00	A	EP2024	18.20	22.20
EN4SD24168SS	EN4SD24168S16	24.00	16.00	8.00	A	EP2416	22.20	14.20
EN4SD24208SS	EN4SD24208S16	24.00	20.00	8.00	A	EP2420	22.20	18.20
EN4SD24248SS	EN4SD24248S16	24.00	24.00	8.00	A	EP2424	22.20	22.20
EN4SD24308SS	-	24.00	30.00	8.00	A	EP2430	22.20	28.20
EN4SD30208SS	-	30.00	20.00	8.00	A	EP3020	28.20	18.20
EN4SD30248SS	EN4SD30248S16	30.00	24.00	8.00	A	EP3024	28.20	22.20
EN4SD30308SS	EN4SD30308S16	30.00	30.00	8.00	A	EP3030	28.20	28.20
EN4SD36248SS	EN4SD36248S16	36.00	24.00	8.00	A	EP3624	34.20	22.20
EN4SD36308SS	EN4SD36308S16	36.00	30.00	8.00	A	EP3630	34.20	28.20
EN4SD42368SSR	-	42.00	36.00	8.00	A	EP4236	40.20	34.20
EN4SD48368SSR	-	48.00	36.00	8.00	A	EP4836	46.20	34.20
EN4SD161210SS	EN4SD161210S16	16.00	12.00	10.00	A	EP1612	14.20	10.20
EN4SD161610SS	EN4SD161610S16	16.00	16.00	10.00	A	EP1616	14.20	14.20
EN4SD162010SS	EN4SD162010S16	16.00	20.00	10.00	A	EP1620	14.20	18.20
EN4SD201610SS	EN4SD201610S16	20.00	16.00	10.00	A	EP2016	18.20	14.20
EN4SD202010SS	EN4SD202010S16	20.00	20.00	10.00	A	EP2020	18.20	18.20
EN4SD202410SS	EN4SD202410S16	20.00	24.00	10.00	A	EP2024	18.20	22.20
EN4SD241610SS	EN4SD241610S16	24.00	16.00	10.00	A	EP2416	22.20	14.20
EN4SD242010SS	EN4SD242010S16	24.00	20.00	10.00	A	EP2420	22.20	18.20
EN4SD242410SS	EN4SD242410S16	24.00	24.00	10.00	A	EP2424	22.20	22.20
EN4SD243010SS	EN4SD243010S16	24.00	30.00	10.00	A	EP2430	22.20	28.20
EN4SD302010SS	EN4SD302010S16	30.00	20.00	10.00	A	EP3020	28.20	18.20
EN4SD302410SS	EN4SD302410S16	30.00	24.00	10.00	A	EP3024	28.20	22.20
EN4SD303010SS	EN4SD303010S16	30.00	30.00	10.00	A	EP3030	28.20	28.20
EN4SD303012SS		30.00	30.00	12.00	A	EP3030	28.20	28.20
EN4SD362410SS	EN4SD362410S16	36.00	24.00	10.00	A	EP3624	34.20	22.20
EN4SD363010SS	EN4SD363010S16	36.00	30.00	10.00	A	EP3630	34.20	28.20
EN4SD363610SSR	EN4SD363610S16R	36.00	36.00	10.00	A	EP3636	34.20	34.20
EN4SD423010SSR	-	42.00	30.00	10.00	A	EP4230	40.20	28.20
EN4SD423610SSR	EN4SD423610S16R	42.00	36.00	10.00	A	EP4236	40.20	34.20
EN4SD482410SS	EN4SD482410S16	48.00	24.00	10.00	B	EP4824	46.20	26.20
EN4SD483610SSR	EN4SD483610S16R	48.00	36.00	10.00	A	EP4836	46.20	34.20
EN4SD603610SSR	EN4SD603610S16R	60.00	36.00	10.00	A	EP6036	58.20	34.20
EN4SD202012SS	EN4SD202012S16	20.00	20.00	12.00	A	EP2020	18.20	18.20
EN4SD242412SS	EN4SD242412S16	24.00	24.00	12.00	A	EP2424	22.20	22.20
EN4SD302412SS	EN4SD302412S16	30.00	24.00	12.00	A	EP3024	28.20	22.20
EN4SD362412SS	EN4SD362412S16	36.00	24.00	12.00	A	EP3624	34.20	22.20
EN4SD363012SS	EN4SD363012S16	36.00	30.00	12.00	A	EP3630	34.20	28.20
EN4SD363612SSR	EN4SD363612S16R	36.00	36.00	12.00	A	EP3636	34.20	34.20
EN4SD423612SSR	EN4SD423612S16R	42.00	36.00	12.00	A	EP4236	40.20	34.20
EN4SD483612SSR	EN4SD483612S16R	48.00	36.00	12.00	A	EP4836	46.20	34.20
EN4SD603612SSR	EN4SD603612S16R	60.00	36.00	12.00	A	EP6036	58.20	34.20
EN4SD723612SSR	EN4SD723612S16R	72.00	36.00	12.00	A	EP7236	70.20	34.20
EN4SD302416SS	-	30.00	24.00	16.00	A	EP3024	28.20	22.20
EN4SD363016SS	-	36.00	30.00	16.00	A	EP3630	34.20	28.20
EN4SD483616SSR	EN4SD483616S16R	48.00	36.00	16.00	A	EP4836	46.20	34.20

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 4X Stainless Steel Wallmount Enclosure w/ Window *Eclipse Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/EN4SDWSS

Application

- Designed to enclose electrical and/or electronic equipment in wallmount applications where viewing of component operation is necessary while maintaining protection ratings.
- Impressive styling features like hidden hinges and attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed 14 (24x24" and larger) or 16 (24x20" and smaller) gauge stainless steel.
- Full view UV resistant polycarbonate window allows maximum viewing area of inner panel.
- Continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are constructed from stainless steel.
- Stainless steel hinge pins and quarter turns.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.

Accessories

- Additional Inner Panels...*See Page* ***282***
- Swing Panel...*See Page* ***290***
- Swing Frame...*See Page* ***291***
- Eclipse Rack Panel...*See Page* ***291***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Quarter Turn Assemblies...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Handles...*See Page* ***276***
- Replacement Hinge Pins...*See Page* ***274***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4X Stainless Steel Wallmount Enclosure w/ Window *Eclipse Series*

Hinge Door with Quarter Turn

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	Part No.	H	W
EN4SD12126WSS	12.00	12.00	6.00	**EP1212**	10.20	10.20
EN4SD16126WSS	16.00	12.00	6.00	**EP1612**	14.20	10.20
EN4SD20166WSS	20.00	16.00	6.00	**EP2016**	18.20	14.20
EN4SD20206WSS	20.00	20.00	6.00	**EP2020**	18.20	18.20
EN4SD20168WSS	20.00	16.00	8.00	**EP2016**	18.20	14.20
EN4SD20208WSS	20.00	20.00	8.00	**EP2020**	18.20	18.20
EN4SD24208WSS	24.00	20.00	8.00	**EP2420**	22.20	18.20
EN4SD24248WSS	24.00	24.00	8.00	**EP2424**	22.20	22.20
EN4SD30248WSS	30.00	24.00	8.00	**EP3024**	28.20	22.20
EN4SD161210WSS	16.00	12.00	10.00	**EP1612**	14.20	10.20
EN4SD201610WSS	20.00	16.00	10.00	**EP2016**	18.20	14.20
EN4SD202010WSS	20.00	20.00	10.00	**EP2020**	18.20	18.20
EN4SD242010WSS	24.00	20.00	10.00	**EP2420**	22.20	18.20
EN4SD242410WSS	24.00	24.00	10.00	**EP2424**	22.20	22.20
EN4SD302410WSS	30.00	24.00	10.00	**EP3024**	28.20	22.20
EN4SD202012WSS	20.00	20.00	12.00	**EP2020**	18.20	18.20
EN4SD302412WSS	30.00	24.00	12.00	**EP3024**	28.20	22.20

All window door latch types are quarter turns. Alternative inner panel options also available.

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Type 4X Stainless Steel Wallmount Enclosure w/ Sloped Top *ST SS Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/EN4SDSTSS

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Sloped top prevents water from resting on top as well as providing potential for controls mounting.
- Impressive styling features like hidden hinges and attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- Complies with
  - NEMA 3R, 4, 4X, 12 and 13
  - IEC 60529, IP 66

Construction

- Formed 14 gauge 304 stainless steel.
- Continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are 304 stainless.
- Stainless steel hinge pins and quarter turns.
- Door alignment guide provided on 36” wide enclosures.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.

Accessories

- Additional Inner Panels...*See Page* ***282***
- Swing Panel...*See Page* ***290***
- Swing Frame...*See Page* ***291***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Quarter Turn Assemblies...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Handles...*See Page* ***276***
- Replacement Hinge Pins...*See Page* ***274***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4X Stainless Steel Wallmount Enclosure w/ Sloped Top *ST SS Series*

Hinge Door with Quarter Turn

	Enclosure				Optional Inner Panel		
Part No.	H1	H2	W	D	Part No.	H	W
ST161208SS	16.00	18.89	12.00	8.00	**EP1612**	14.20	10.20
ST161608SS	16.00	18.89	16.00	8.00	**EP1616**	14.20	14.20
ST201608SS	20.00	22.89	16.00	8.00	**EP2016**	18.20	14.20
ST201612SS	20.00	24.35	16.00	12.00	**EP2016**	18.20	14.20
ST202008SS	20.00	22.89	20.00	8.00	**EP2020**	18.20	18.20
ST202012SS	20.00	24.35	20.00	12.00	**EP2020**	18.20	18.20
ST242008SS	24.00	26.89	20.00	8.00	**EP2420**	22.20	18.20
ST242408SS	24.00	26.89	24.00	8.00	**EP2424**	22.20	22.20
ST242412SS	24.00	28.35	24.00	12.00	**EP2424**	22.20	22.20
ST302408SS	30.00	32.89	24.00	8.00	**EP3024**	28.20	22.20
ST302412SS	30.00	34.35	24.00	12.00	**EP3024**	28.20	22.20
ST303008SS	30.00	32.89	30.00	8.00	**EP3030**	28.20	28.20
ST363008SS	36.00	38.89	30.00	8.00	**EP3630**	34.20	28.20
ST363012SS	36.00	40.35	30.00	12.00	**EP3630**	34.20	28.20
ST363016SS	36.00	41.80	30.00	16.00	**EP3630**	34.20	28.20
ST363612SS	36.00	40.35	36.00	12.00	**EP3636**	34.20	34.20
ST483616SS	48.00	53.80	36.00	16.00	**EP4836**	46.20	34.20
ST603616SS [1]	60.00	65.80	36.00	16.00	**EP6036**	58.20	34.20

Back is 10 gauge stainless steel. Alternative inner panel options also available.

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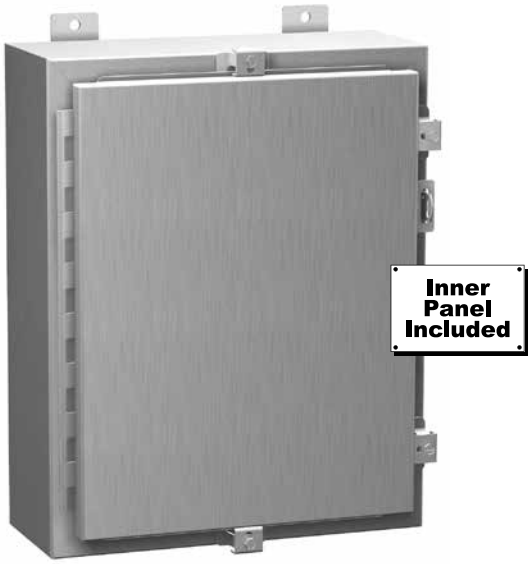
Type 4X Stainless Steel Wallmount Enclosure *1418 N4 SS Series*

Continuous Hinge Door with Clamps



Quick Link: hammfg.com/1418N4SS

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.

Standards

- UL 508A Type 3R, 4, 4X, and 12
- CSA Type 3R, 4, 4X, and 12
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed 14 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Door stiffeners are provided in the larger enclosures for extra rigidity.
- Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure excludes flowing liquids and contaminants.
- Stainless steel continuous hinge on door may be removed by pulling the stainless steel hinge pin.
- Door is secured with easily operated stainless steel clamps.
- Provision for padlocking.
- Seamless poured-in place gasket.
- A removable 12 gauge inner panel is included.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Swing Panel Kit...*See Page* ***288***
- Door Stop Kit...*See Page* ***304***
- Door Clamping Hardware...*See Page* ***268***
- Wallmount Quick Release Clamp...*See Page* ***269***
- Drip Shield Kit...*See Page* ***303***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4X Stainless Steel Wallmount Enclosure *1418 N4 SS Series*

Continuous Hinge Door with Clamps

304 S.S.	316 S.S.	Enclosure			Panel	
Part No.	Part No.	H	W	D	H	W
1418N4SSB6	1418N4S16B6	16.00	12.00	6.00	13.00	9.00
1418N4SSG6	1418N4S16G6	16.00	16.00	6.00	13.00	13.00
1418N4SSCR6	1418N4S16CR6	16.00	20.00	6.00	13.00	17.00
1418N4SSC6	1418N4S16C6	20.00	16.00	6.00	17.00	13.00
1418N4SSD6	1418N4S16D6	20.00	20.00	6.00	17.00	17.00
1418N4SSE6	1418N4S16E6	24.00	20.00	6.00	21.00	17.00
1418N4SSJ6	1418N4S16J6	24.00	24.00	6.00	21.00	21.00
1418N4SSB8	1418N4S16B8	16.00	12.00	8.00	13.00	9.00
1418N4SSC8	1418N4S16C8	20.00	16.00	8.00	17.00	13.00
1418N4SSD8	1418N4S16D8	20.00	20.00	8.00	17.00	17.00
1418N4SSER8	1418N4S16ER8	20.00	24.00	8.00	17.00	21.00
1418N4SSH8	1418N4S16H8	24.00	16.00	8.00	21.00	13.00
1418N4SSE8	1418N4S16E8	24.00	20.00	8.00	21.00	17.00
1418N4SSJ8	1418N4S16J8	24.00	24.00	8.00	21.00	21.00
1418N4SSKR8	1418N4S16KR8	24.00	30.00	8.00	21.00	27.00
1418N4SSF8	1418N4S16F8	30.00	20.00	8.00	27.00	17.00
1418N4SSK8	1418N4S16K8	30.00	24.00	8.00	27.00	21.00
1418N4SSKK8	1418N4S16KK8	30.00	30.00	8.00	27.00	27.00
1418N4SSL8	1418N4S16L8	36.00	24.00	8.00	33.00	21.00
1418N4SSM8	1418N4S16M8	36.00	30.00	8.00	33.00	27.00
1418N4SSP8	1418N4S16P8	42.00	36.00	8.00	39.00	33.00
1418N4SSS8	1418N4S16S8	48.00	36.00	8.00	45.00	33.00
1418N4SSC10	1418N4S16C10	20.00	16.00	10.00	17.00	13.00
1418N4SSE10	1418N4S16E10	24.00	20.00	10.00	21.00	17.00
1418N4SSK10	1418N4S16K10	30.00	24.00	10.00	27.00	21.00
1418N4SSL10	1418N4S16L10	36.00	24.00	10.00	33.00	21.00
1418N4SSM10	1418N4S16M10	36.00	30.00	10.00	33.00	27.00
1418N4SSO10	1418N4S16O10	42.00	30.00	10.00	39.00	27.00
1418N4SSS10	1418N4S16S10	48.00	36.00	10.00	45.00	33.00
1418N4SSJ12	1418N4S16J12	24.00	24.00	12.00	21.00	21.00
1418N4SSK12	1418N4S16K12	30.00	24.00	12.00	27.00	21.00
1418N4SSM12	1418N4S16M12	36.00	30.00	12.00	33.00	27.00
1418N4SSLL12	1418N4S16LL12	36.00	36.00	12.00	33.00	33.00
1418N4SSS12	1418N4S16S12	48.00	36.00	12.00	45.00	33.00
1418N4SST12	1418N4S16T12	60.00	36.00	12.00	57.00	33.00
1418N4SSK16	1418N4S16K16	30.00	24.00	16.00	27.00	21.00
1418N4SSM16	1418N4S16M16	36.00	30.00	16.00	33.00	27.00
1418N4SSS16	1418N4S16S16	48.00	36.00	16.00	45.00	33.00
1418N4SST16	1418N4S16T16	60.00	36.00	16.00	57.00	33.00

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Type 4X Stainless Steel Wallmount Enclosure *HWSSHK Series*

Hinge Door with Handle

Quick Link: hammfg.com/HWN4SSHK

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Provides high level of protection where equipment is hosed down or otherwise be exposed to wet conditions where corrosion is a serious problem.
- Ideal for processing plants, utility, outdoor municipal or petro chemical locations where easy yet secure access is required.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- Complies with
  - NEMA 3R, 4, 4X, 12 and 13
  - IEC 60529, IP 66

Construction

- Formed 14 gauge 304 or 316 stainless steel.
- Continuously welded seams ground smooth.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- 316 Stainless pad lockable handle with 3 point roller latching system secures door.
- Stainless steel continuous hinge on door may be removed by pulling the stainless steel hinge pin
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Bonding stud provided on door and grounding stud installed in enclosure.

Finish

- Cover and enclosure are natural stainless steel with smooth brushed finish.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Type 12/4, 4X Handle Kits...*See Page* ***270***
- Swing Panel Kit...*See Page* ***288***
- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4X Stainless Steel Wallmount Enclosure *HWSSHK Series*

Hinge Door with Handle

304 S.S.	316 S.S.	Enclosure			Optional Inner Panel		
Part No.	Part No.	H	W	D	Part No.	H	W
HW24206SSHK	**HW24206S16HK**	24.00	20.00	6.00	**18P2117**	21.00	17.00
HW24246SSHK	**HW24246S16HK**	24.00	24.00	6.00	**18P2121**	21.00	21.00
HW24168SSHK	**HW24168S16HK**	24.00	16.00	8.00	**18P2113**	21.00	13.00
HW24208SSHK	**HW24208S16HK**	24.00	20.00	8.00	**18P2117**	21.00	17.00
HW24248SSHK	**HW24248S16HK**	24.00	24.00	8.00	**18P2121**	21.00	21.00
HW24308SSHK	**HW24308S16HK**	24.00	30.00	8.00	**18P2721**	21.00	27.00
HW30208SSHK	**HW30208S16HK**	30.00	20.00	8.00	**18P2717**	27.00	17.00
HW30248SSHK	**HW30248S16HK**	30.00	24.00	8.00	**18P2721**	27.00	21.00
HW30308SSHK	**HW30308S16HK**	30.00	30.00	8.00	**18P2727**	27.00	27.00
HW36248SSHK	**HW36248S16HK**	36.00	24.00	8.00	**18P3321**	33.00	21.00
HW36308SSHK	**HW36308S16HK**	36.00	30.00	8.00	**18P3327**	33.00	27.00
HW42368SSHK	**HW42368S16HK**	42.00	36.00	8.00	**18P3933**	39.00	33.00
HW48368SSHK	**HW48368S16HK**	48.00	36.00	8.00	**18P4533**	45.00	33.00
HW242010SSHK	**HW242010S16HK**	24.00	20.00	10.00	**18P2117**	21.00	17.00
HW302410SSHK	**HW302410S16HK**	30.00	24.00	10.00	**18P2721**	27.00	21.00
HW362410SSHK	**HW362410S16HK**	36.00	24.00	10.00	**18P3321**	33.00	21.00
HW363010SSHK	**HW363010S16HK**	36.00	30.00	10.00	**18P3327**	33.00	27.00
HW423010SSHK	**HW423010S16HK**	42.00	30.00	10.00	**18P3927**	39.00	27.00
HW483610SSHK	**HW483610S16HK**	48.00	36.00	10.00	**18P4533**	45.00	33.00
HW242412SSHK	**HW242412S16HK**	24.00	24.00	12.00	**18P2121**	21.00	21.00
HW302412SSHK	**HW302412S16HK**	30.00	24.00	12.00	**18P2721**	27.00	21.00
HW363012SSHK	**HW363012S16HK**	36.00	30.00	12.00	**18P3327**	33.00	27.00
HW363612SSHK	**HW363612S16HK**	36.00	36.00	12.00	**18P3333**	33.00	33.00
HW423612SSHK	**HW423612S16HK**	42.00	36.00	12.00	**18P3933**	39.00	33.00
HW483612SSHK	**HW483612S16HK**	48.00	36.00	12.00	**18P4533**	45.00	33.00
HW603612SSHK	**HW603612S16HK**	60.00	36.00	12.00	**18P5733**	57.00	33.00
HW302416SSHK	**HW302416S16HK**	30.00	24.00	16.00	**18P2721**	27.00	21.00
HW363016SSHK	**HW363016S16HK**	36.00	30.00	16.00	**18P3327**	33.00	27.00
HW483616SSHK	**HW483616S16HK**	48.00	36.00	16.00	**18P4533**	45.00	33.00
HW603616SSHK	**HW603616S16HK**	60.00	36.00	16.00	**18P5733**	57.00	33.00

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 4X Painted White Stainless Steel Wallmount Enclosure *Eclipse Series*

Hinge Door with Handle

Quick Link: hammfg.com/EN4SDSSWH

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Impressive styling features like hidden hinges and attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- Complies with
  - NEMA 3R, 4, 4X, 12 and 13
  - IEC 60529, IP 66

Construction

- Formed 14 gauge 304 stainless steel.
- Continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Doors are secured with a 3 point Handle in 316 stainless with pad lockable feature.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Stainless steel hinge pins and hinges.

Finish

- Cover and enclosure are finished in recoatable smooth RAL 9003 White powder coating inside and out.

Accessories

- Additional Inner Panels...*See Page* ***282***
- Swing Panel...*See Page* ***290***
- Swing Frame...*See Page* ***291***
- DIN Rail Mounting Kit...*See Page* ***276***
- DIN Rails...*See Page* ***276***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Type 12/4, 4X Handle Kits...*See Page* ***270***
- Replacement Hinge Pins...*See Page* ***274***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	Part No.	H	W
EN4SD24248SSWH	24.00	24.00	8.00	**EP2424**	22.20	22.20
EN4SD30248SSWH	30.00	24.00	8.00	**EP3024**	28.20	22.20
EN4SD242010SSWH	24.00	20.00	10.00	**EP2420**	22.20	18.20
EN4SD242412SSWH	24.00	24.00	12.00	**EP2424**	22.20	22.20
EN4SD363012SSWH	36.00	30.00	12.00	**EP3630**	34.20	28.20
EN4SD363612SSWH	36.00	36.00	12.00	**EP3636**	34.20	34.20
EN4SD423612SSWH	42.00	36.00	12.00	**EP4236**	40.20	34.20
EN4SD483612SSWH	48.00	36.00	12.00	**EP4836**	46.20	34.20
EN4SD483616SSWH	48.00	36.00	16.00	**EP4836**	46.20	34.20
EN4SD603612SSWH	60.00	36.00	12.00	**EP6036**	58.20	34.20

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Stainless Steel Two Door Wallmount Enclosure *HN4 WM SS Series*

Continuous Hinge Door with Handle

Inner Panel Included

Quick Link: hammfg.com/HN4WMSS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.

Construction

- Formed 12 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Doors are supported with heavy gauge continuous hinges.
- 3-pt padlocking door handle.
- Seamless poured-in place gasket.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- Center post is removable for easy installation of the inner panel.

Standards

- UL 508A Type 3R, 4X, and 12
- CSA Type 3R, 4X, and 12
- Complies with
  - NEMA Type 3R, 4X, 12 and 13
  - IEC 60529, IP66

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable inner panel is finished in white powder coating.

Accessories

- Door Stop Kit...*See Page* ***304***
- Type 12/4, 4X Handle Kits...*See Page* ***270***
- Drip Shield Kit...*See Page* ***303***
- Window Kits...*See Page* ***294***
- Mechanical Interlock...*See Page* ***280***
- Barrier Kits for Type 4 Wallmount...*See Page* ***312***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

304 S.S.	316 S.S.	Enclosure			Panel	
Part Number	Part Number	H	W	D	H	W
HN4WM24428SS	HN4WM24428S16	24.00	42.00	8.00	21.00	39.00
HN4WM24488SS	HN4WM24488S16	24.00	48.00	8.00	21.00	45.00
HN4WM304210SS	HN4WM304210S16	30.00	42.00	10.00	27.00	39.00
HN4WM304810SS	HN4WM304810S16	30.00	48.00	10.00	27.00	45.00
HN4WM306010SS	HN4WM306010S16	30.00	60.00	10.00	27.00	57.00
HN4WM364212SS	HN4WM364212S16	36.00	42.00	12.00	33.00	39.00
HN4WM364812SS	HN4WM364812S16	36.00	48.00	12.00	33.00	45.00
HN4WM366012SS	HN4WM366012S16	36.00	60.00	12.00	33.00	57.00
HN4WM424212SS	HN4WM424212S16	42.00	42.00	12.00	39.00	39.00
HN4WM424812SS	HN4WM424812S16	42.00	48.00	12.00	39.00	45.00
HN4WM426012SS	HN4WM426012S16	42.00	60.00	12.00	38.00	56.00
HN4WM484812SS	HN4WM484812S16	48.00	48.00	12.00	44.00	44.00

Technical references and CAD downloads available at www.hammondmfg.com

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Data Subject to change without notice

IP69K/Type 4X Stainless Steel Wallmount Enclosure *Waterfall Series*

Sloped Top with Quarter Turns

Quick Link: hammfg.com/HWSTSS

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Sloped top prevents water from resting on top as well as providing potential for controls mounting.
- Unique hinge design allows for easy cleaning in hose-down environments.
- A wide range of sizes and practical accessories make this product line a complete package.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- NSF – ANSI 169
  - Not all accessories shown maintain NSF standard. Some are internal and NSF is not applicable. Refer to each accessory individually or call factory for specifics.
- Complies with
  - NEMA 3R, 4, 4X, 12 and 13
  - IEC 60529, IP 66, IP69K

Construction

- Formed 304 or 316L stainless steel.
- Top sloped 25°
- Continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches (316 stainless steel quarter turns) feature the added safety of quarter turn slot requiring use of tool for opening.
- Door hinges (316 stainless steel) are easy to clean, provide 180 degree opening, are easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Washdown Quarter Turn Assemblies...*See Page* ***279***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Wallmount Stand-offs...*See Page* ***279***
- Floor Stand Kit...*See Page* ***304***
- Wash Down Floor Stand Kit...*See Page* ***307***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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IP69K/Type 4X Stainless Steel Wallmount Enclosure *Waterfall Series*

Sloped Top with Quarter Turns

304 SS	316 SS	Enclosure				Optional Inner Panel		
Part No.	Part No.	H1	H2	W	D	Part No.	H	W
HWST16128SS	**HWST16128S16**	16.00	19.70	12.00	8.00	**18P1309**	13	9
HWST16168SS	**HWST16168S16**	16.00	19.70	16.00	8.00	**18P1313**	13	13
HWST20168SS	**HWST20168S16**	20.00	23.70	16.00	8.00	**18P1713**	17	13
HWST20208SS	**HWST20208S16**	20.00	23.70	20.00	8.00	**18P1717**	17	17
HWST24208SS	**HWST24208S16**	24.00	27.70	20.00	8.00	**18P2117**	21	17
HWST24248SS	**HWST24248S16**	24.00	27.70	24.00	8.00	**18P2121**	21	21
HWST30248SS	**HWST30248S16**	30.00	33.70	24.00	8.00	**18P2721**	27	21
HWST30308SS	**HWST30308S16**	30.00	33.70	30.00	8.00	**18P2727**	27	27
HWST36308SS	**HWST36308S16**	36.00	39.70	30.00	8.00	**18P3327**	33	27
HWST201612SS	**HWST201612S16**	20.00	25.50	16.00	12.00	**18P1713**	17	13
HWST202012SS	**HWST202012S16**	20.00	25.50	20.00	12.00	**18P1717**	17	17
HWST242412SS	**HWST242412S16**	24.00	29.50	24.00	12.00	**18P2121**	21	21
HWST302412SS	**HWST302412S16**	30.00	35.50	24.00	12.00	**18P2721**	27	21
HWST363012SS	**HWST363012S16**	36.00	41.50	30.00	12.00	**18P3327**	33	27
HWST363612SS	**HWST363612S16**	36.00	41.50	36.00	12.00	**18P3333**	33	33
HWST363016SS	**HWST363016S16**	36.00	43.40	30.00	16.00	**18P3327**	33	27
HWST483616SS	**HWST483616S16**	48.00	55.40	36.00	16.00	**18P4533**	45	33
HWST603616SS	**HWST603616S16**	60.00	67.40	36.00	16.00	**18P5733**	57	33

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Stainless Steel Two Door Floormount Enclosure *1422 N4 SS Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1422N4SS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.

Standards

- UL 508A Type 3R, 4, 4X, and 12
- CSA Type 3R, 4, 4X, and 12
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed 12 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Heavy duty stainless steel lifting eyebolts are provided with reinforcing support angles.
- Center post is removable for easy installation of the inner panel.
- Formed lip on door and top of enclosure opening exclude flowing liquids and contaminants.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Doors are secured with heavy duty stainless steel clamps.
- Provision for padlocking.
- 12” floor stands are welded to the enclosure.
- Seamless poured-in place gasket.
- Panel supports are provided for easy panel installation.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable 10 gauge inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Barrier Kits for Type 4 Floormount...*See Page* ***312***
- Drip Shield Kit...*See Page* ***303***
- Door Clamping Hardware...*See Page* ***268***
- Wallmount Quick Release Clamp...*See Page* ***269***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

304 S.S. Part No.	316 S.S. Part No.	Enclosure H	Enclosure W	Enclosure D	Panel H	Panel W
1422N4SSB12F	**1422N4S16B12F**	60.13	48.06	12.69	56.00	44.00
1422N4SSD12F	**1422N4S16D12F**	60.13	60.06	12.69	56.00	56.00
1422N4SSE12F	**1422N4S16E12F**	72.13	60.06	12.69	68.00	56.00
1422N4SSF12F	**1422N4S16F12F**	72.13	72.06	12.69	68.00	68.00
1422N4SSF24F	**1422N4S16F24F**	72.13	72.06	24.69	68.00	68.00

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Type 4X Stainless Steel Two Door Floormount Enclosure *1422 N4 QT SS Series*

Continuous Hinge Door with Quarter Turn

Quick Link: hammfg.com/1422N4QTSS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.

Standards

- UL 508A Type 3R, 4, 4X, and 12
- CSA Type 3R, 4, 4X, and 12
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed 12 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Heavy duty stainless steel lifting eyebolts are provided with reinforcing support angles.
- Center post is removable for easy installation of the inner panel.
- Formed lip on door and top of enclosure opening exclude flowing liquids and contaminants.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Doors are secured with quarter turn latches.
- Provision for padlocking.
- 12” floor stands are welded to the enclosure.
- Seamless poured-in place gasket.
- Panel supports are provided for easy panel installation.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable 10 gauge inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Barrier Kits for Type 4 Floormount...*See Page* ***312***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

304 S.S.	316 S.S.	Enclosure			Panel	
Part No.	Part No.	H	W	D	H	W
1422N4SSB12FQT	1422N4S16B12FQT	60.13	48.06	12.69	56.00	44.00
1422N4SSD12FQT	1422N4S16D12FQT	60.13	60.06	12.69	56.00	56.00
1422N4SSE12FQT	1422N4S16E12FQT	72.13	60.06	12.69	68.00	56.00
1422N4SSF12FQT	1422N4S16F12FQT	72.13	72.06	12.69	68.00	68.00
1422N4SSF24FQT	1422N4S16F24FQT	72.13	72.06	24.69	68.00	68.00

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Type 4X Stainless Steel Two Door Floormount Enclosure *HN4 FM SS Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/HN4FMSS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.

Construction

- Formed 12 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Heavy duty stainless steel lifting eyebolts are provided with reinforcing support angles.
- Doors are supported with heavy gauge continuous hinges.
- New 3-pt padlocking door handle.
- Seamless poured-in place gasket.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- Center post is removable for easy installation of the inner panel.
- 12” floor stands are welded to the enclosure.

Standards

- UL 508A Type 3R, 4X and 12
- CSA Type 3R, 4X and 12
- Complies with:
  - NEMA Type 3R, 4X, 12 and 13
  - IEC 60529, IP66

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable 10 gauge inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Barrier Kits for Type 4 Floormount...*See Page* ***312***
- Mechanical Interlock...*See Page* ***280***
- Drip Shield Kit...*See Page* ***303***
- Type 12/4, 4X Handle Kits...*See Page* ***270***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

304 S.S.	316 S.S.	Enclosure			Panel	
Part Number	Part Number	H	W	D	H	W
HN4FM604812SS	HN4FM604812S16	60.13	48.06	12.69	56.00	44.00
HN4FM604818SS	HN4FM604818S16	60.13	48.06	18.69	56.00	44.00
HN4FM606012SS	HN4FM606012S16	60.13	60.06	12.69	56.00	56.00
HN4FM606018SS	HN4FM606018S16	60.13	60.06	18.69	56.00	56.00
HN4FM726012SS	HN4FM726012S16	72.13	60.06	12.69	68.00	56.00
HN4FM726018SS	HN4FM726018S16	72.13	60.06	18.69	68.00	56.00
HN4FM727212SS	HN4FM727212S16	72.13	72.06	12.69	68.00	68.00
HN4FM727218SS	HN4FM727218S16	72.13	72.06	18.69	68.00	68.00
HN4FM727224SS	HN4FM727224S16	72.13	72.06	24.69	68.00	68.00

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Type 4X Stainless Steel Freestanding Enclosure *1418 N4 FS SS Series*

Continuous Hinge Door with Clamps

Quick Link: hammfg.com/1418N4FSSS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.
- A variety of inner panels, rack mounting rails and swing out frames are available to provide flexibility in mounting arrangements.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed 12 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Heavy duty stainless steel lifting eyebolts are provided with reinforcing support angles.
- Doors are supported with heavy gauge continuous hinges.
- Doors are secured with heavy duty stainless steel clamps.
- Seamless poured-in place gasket.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Optional inner panels are finished in white powder paint.

Accessories

- Inner Panels...*See Page* ***286***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Door Clamping Hardware...*See Page* ***268***
- Climate Control...*See Page* ***234***
- Window Kits...*See Page* ***294***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

304 S.S. Part No.	316 S.S. Part No.	Enclosure H	W	D	Optional Full Size Inner Panel
1418N4SSW18	**1418N4S16W18**	72.06	25.06	18.06	**72WFW**
1418N4SSX24	**1418N4S16X24**	72.06	31.06	24.06	**72XFW**
1418N4SSY24	**1418N4S16Y24**	72.06	37.06	24.06	**72YFW**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Stainless Steel Freestanding Enclosure *HN4 FS SS Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/HN4FSSS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.
- A variety of inner panels, rack mounting rails and swing out frames are available to provide flexibility in mounting arrangements.

Construction

- Formed 12 gauge 304 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Heavy duty stainless steel lifting eyebolts are provided with reinforcing support angles.
- Doors are supported with heavy gauge continuous hinges.
- New 3-pt padlocking door handle.
- Seamless poured-in place gasket.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.

Standards

- UL 508A Type 3R, 4X and 12
- CSA Type 3R, 4X and 12
- Complies with:
  - NEMA Type 3R, 4X, 12 and 3
  - IEC 60529, IP66

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Optional inner panels are finished in white powder paint.

Accessories

- Inner Panels...*See Page* ***286***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Type 12/4, 4X Handle Kits...*See Page* ***270***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 4X Stainless Steel Freestanding Enclosure *HN4 FS SS Series*

Continuous Hinge Door with Handle

Single Access

304 S.S. Part No.	316 S.S. Part No.	Enclosure H	W	D	Optional Full Size Panel
HN4FS602418SS	HN4FS602418S16	60.06	24.06	18.06	60TWFW
HN4FS722418SS	HN4FS722418S16	72.06	24.06	18.06	72WFW
HN4FS723018SS	HN4FS723018S16	72.06	30.06	18.06	72XFW
HN4FS723618SS	HN4FS723618S16	72.06	36.06	18.06	72YFW
HN4FS902420SS	HN4FS902420S16	90.06	24.06	20.06	90YWFW
HN4FS903620SS	HN4FS903620S16	90.06	36.06	20.06	90YFW
HN4FS603624SS	HN4FS603624S16	60.06	36.06	24.06	60TYFW
HN4FS722424SS	HN4FS722424S16	72.06	24.06	24.06	72WFW
HN4FS723024SS	HN4FS723024S16	72.06	30.06	24.06	72XFW
HN4FS723624SS	HN4FS723624S16	72.06	36.06	24.06	72YFW
HN4FS903624SS	HN4FS903624S16	90.06	36.06	24.06	90YFW
HN4FS723630SS	HN4FS723630S16	72.06	36.06	30.06	72YFW
HN4FS723636SS	HN4FS723636S16	72.06	36.06	36.06	72YFW
HN4FS903636SS	HN4FS903636S16	90.06	36.06	36.06	90YFW

Alternative inner panel options also available.

Dual Access

304 S.S. Part No.	316 S.S. Part No.	Enclosure H	W	D	Optional Full Size Inner Panel
HN4FS722424DASS	HN4FS722424DS16	72.06	24.06	24.06	72WFW
HN4FS723024DASS	HN4FS723024DS16	72.06	30.06	24.06	72XFW
HN4FS723624DASS	HN4FS723624DS16	72.06	36.06	24.06	72YFW
HN4FS903624DASS	HN4FS903624DS16	90.06	36.06	24.06	90YFW
HN4FS722430DASS	HN4FS722430DS16	72.06	24.06	30.06	72WFW
HN4FS722436DASS	HN4FS722436DS16	72.06	24.06	36.06	72WFW
HN4FS723636DASS	HN4FS723636DS16	72.06	36.06	36.06	72YFW
HN4FS903636DASS	HN4FS903636DS16	90.06	36.06	36.06	90YFW

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Stainless Steel Freestanding Enclosure *1418 N4 FS QT SS Series*

Continuous Hinge Door with Quarter Turn

Quick Link: hammfg.com/1418N4FSQTSS

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls with provision for panel mounting or rack mounting of equipment.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a serious problem.
- A variety of inner panels, rack mounting rails and swing out frames are available to provide flexibility in mounting arrangements.

Standards

- UL 508A Type 3R, 4, 4X and 12
- CSA Type 3R, 4, 4X and 12
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed 12 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Heavy duty stainless steel lifting eyebolts are provided with reinforcing support angles.
- Doors are supported with heavy gauge continuous hinges.
- Doors are secured with quarter turn latches.
- Seamless poured-in place gasket.
- Mounting channels are welded on the inside of the enclosure for mounting of optional inner panels or rack equipment rails.
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door.

Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Optional inner panels are finished in white powder paint.

Accessories

- Inner Panels...*See Page* ***286***
- Panel Rails...*See Page* ***293***
- Swing Out Frames...*See Page* ***292***
- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Climate Control...*See Page* ***234***
- Window Kits...*See Page* ***294***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

304 S.S. Part No.	316 S.S. Part No.	Enclosure H	Enclosure W	Enclosure D	Optional Full Size Inner Pannel
1418N4SSW18QT	**1418N4S16W18QT**	72.06	25.06	18.06	**72WFW**
1418N4SSX24QT	**1418N4S16X24QT**	72.06	31.06	24.06	**72XFW**
1418N4SSY24QT	**1418N4S16Y24QT**	72.06	37.06	24.06	**72YFW**

Alternative inner panel options also available.

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Aluminum Enclosures (Type 4X)

Type 4X Aluminum Junction Box
Eclipse Junior Series
Continuous Hinge Door with Quarter Turn..... 69

Type 4X Aluminum Junction Box
1414 N4 AL Series
Lift-Off Cover with Clamps..... 70

Type 4X/6P Diecast Aluminum Enclosures
1590Z Series
Watertight, Thick Wall, UL Listed..... 71

Type 4X Diecast Aluminum Enclosures
R100 Series
Watertight, Thick Wall..... 73

Type 4X Aluminum Wallmount Enclosure
1418 N4 AL Series
Continuous Hinge Door with Clamps..... 75

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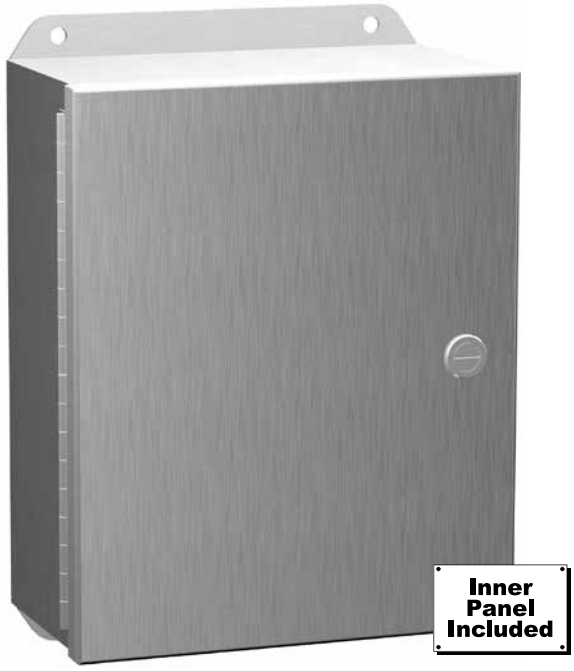
Type 4X Aluminum Junction Box *Eclipse Junior Series*

Continuous Hinge Door with Quarter Turn



Quick Link: hammfg.com/EJAL

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion may be a problem.

Standards

- UL 508A Type 3R, 4, 4X, 12, and 13
- CSA Type 3R, 4, 4X, 12, and 13
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed from 0.08" Type 5052 H-32 aluminum.
- Smooth, continuously welded seams without knockouts, cutouts, or holes.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Welded brackets provide for enclosure mounting.
- Continuously hinged cover has aluminum hinge and provides 180° opening.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Quarter turn latches formed from 316 stainless steel.
- Seamless poured-in place gasket.
- Models larger than 4"x4" include a removable 14 gauge galvanized inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.
- Grounding and panel mounting hardware provided.

Finish

- Cover and enclosure are natural unfinished aluminum.
- Removable inner panel is unpainted galvanized steel.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Swing Panel Kit...*See Page* ***288***
- Terminal Kit Assemblies...*See Page* ***288***
- Padlock Adaptor...*See Page* ***272***
- Quarter Turn Assemblies...*See Page* ***273***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
EJ443AL	4.00	4.00	3.00	N/A	N/A
EJ643AL	6.00	4.00	3.00	4.88	2.88
EJ863AL	8.00	6.00	3.50	6.75	4.88
EJ444AL	4.00	4.00	4.00	N/A	N/A
EJ644AL	6.00	4.00	4.00	4.88	2.88
EJ664AL	6.00	6.00	4.00	4.88	4.88
EJ884AL	8.00	8.00	4.00	6.75	6.88
EJ1084AL	10.00	8.00	4.00	8.75	6.88
EJ1264AL	12.00	6.00	4.00	10.75	4.88
EJ12124AL	12.00	12.00	4.00	10.75	10.88
EJ12105AL	12.00	10.00	5.00	10.75	8.88
EJ866AL	8.00	6.00	6.00	6.75	4.88
EJ1086AL	10.00	8.00	6.00	8.75	6.88
EJ10106AL	10.00	10.00	6.00	8.75	8.88
EJ12106AL	12.00	10.00	6.00	10.75	8.88
EJ12126AL	12.00	12.00	6.00	10.75	10.88
EJ14126AL	14.00	12.00	6.00	12.75	10.88
EJ16146AL	16.00	14.00	6.00	14.75	12.88
EJ12108AL	12.00	10.00	8.00	10.75	8.88
EJ14128AL	14.00	12.00	8.00	12.75	10.88
EJ16148AL	16.00	14.00	8.00	14.75	12.88
EJ161410AL	16.00	14.00	10.00	14.75	12.88

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Aluminum Junction Box *1414 N4 AL Series*

Lift-Off Cover with Clamps

Quick Link: hammfg.com/1414N4AL

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a problem.

Standards

- UL 508A Type 4, 4X, 12 and 13
- CSA Type 4, 4X, 12 and 13
- Complies with
  - NEMA Type 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed from 0.08" Type 5052 H-32 aluminum.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Cover is secured with easily operated aluminum clamps.
- Seamless poured-in place gasket.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Cover and enclosure are natural unfinished aluminum.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Swing Panel Kit...*See Page* ***288***
- Door Clamping Hardware...*See Page* ***268***
- Terminal Kit Assemblies...*See Page* ***288***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1414N4ALA	4.00	4.00	3.00	-	-
1414N4ALC	6.00	4.00	3.00	4.88	2.88
1414N4ALE	6.00	6.00	4.00	4.88	4.88
1414N4ALG	8.00	6.00	3.50	6.75	4.88
1414N4ALI	10.00	8.00	4.00	8.75	6.88
1414N4ALK	12.00	10.00	5.00	10.75	8.88
1414N4ALM6	14.00	12.00	6.00	12.75	10.88
1414N4ALO6	16.00	14.00	6.00	14.75	12.88
1414N4ALM8	14.00	12.00	8.00	12.75	10.88
1414N4ALO10	16.00	14.00	10.00	14.75	12.88

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Type 4X/6P Diecast Aluminum Enclosures *1590Z Series*

Watertight, Thick Wall, UL Listed

Quick Link: hammfg.com/1590Z

Application

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.

Standards

- Designed to meet IP68.
- North American Mark of Safety - cUL & UL listed. Certified to Type 4, 4X, 6, 6P.

Construction

- Two piece “tongue & groove” construction with a one piece silicone rubber gasket provides protection against access of dust and water.
- Four recessed stainless steel machine screws secure lid into tapped holes. Ideal for repetitive opening and closing.
- Easy to wall mount using “through box - blind hole” construction, outside of gasket protection.
- Lid screws are self captivating (lid holes are threaded with the first installation of lid screws). (NOTE: Except for 1590Z060, 1590Z061, 1590Z062, and 1590Z063)

Finish

- Unpainted versions are a natural aluminum finish.
- Painted versions are painted inside and out with a tough powder paint. Choice of satin black or smooth grey (RAL 7001).

Accessories

- Pressure Compensation Plug...*See Page* ***259***
- Breather Kit...*See Page* ***260***
- Small Rainproof Ventilator...*See Page* ***259***
- Liquid-Tight, Strain Relief Cordgrips...*See Page* ***308***

Part Number	Color	Internal Mounting Shelf	Enclosure H	Enclosure W	Enclosure D (Less Lid)	Optional Inner Panel
1590Z060	Natural	NO	1.98	1.77	0.95	
1590Z060BK	Black	NO	1.98	1.77	0.95	
1590Z060GY	Grey	NO	1.98	1.77	0.95	
1590Z061	Natural	NO	2.51	2.29	1.03	
1590Z061BK	Black	NO	2.51	2.29	1.03	
1590Z061GY	Grey	NO	2.51	2.29	1.03	
1590Z100	Natural	YES	2.94	3.14	1.57	**1590Z100PL**
1590Z100BK	Black	YES	2.94	3.14	1.57	**1590Z100PL**
1590Z100GY	Grey	YES	2.94	3.14	1.57	**1590Z100PL**
1590Z110	Natural	NO	2.94	3.14	1.57	
1590Z110BK	Black	NO	2.94	3.14	1.57	
1590Z110GY	Grey	NO	2.94	3.14	1.57	
1590Z062	Natural	NO	3.86	2.52	1.03	
1590Z062BK	Black	NO	3.86	2.52	1.03	
1590Z062GY	Grey	NO	3.86	2.52	1.03	
1590Z119	Natural	YES	4.80	4.72	2.36	**1590Z119PL**
1590Z119BK	Black	YES	4.80	4.72	2.36	**1590Z119PL**
1590Z119GY	Grey	YES	4.80	4.72	2.36	**1590Z119PL**
1590Z120	Natural	YES	4.90	3.15	1.75	**1590Z120PL**
1590Z120BK	Black	YES	4.90	3.15	1.75	**1590Z120PL**
1590Z120GY	Grey	YES	4.90	3.15	1.75	**1590Z120PL**

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Type 4X/6P Diecast Aluminum Enclosures *1590Z Series*

Watertight, Thick Wall, UL Listed

Part Number	Color	Internal Mounting Shelf	Enclosure H	Enclosure W	Enclosure D (Less Lid)	Optional Inner Panel
1590Z063	Natural	NO	5.89	2.51	1.03	
1590Z063BK	Black	NO	5.89	2.51	1.03	
1590Z063GY	Grey	NO	5.89	2.51	1.03	
1590Z160	Natural	YES	6.30	6.30	2.76	**1590Z160PL**
1590Z160BK	Black	YES	6.30	6.30	2.76	**1590Z160PL**
1590Z160GY	Grey	YES	6.30	6.30	2.76	**1590Z160PL**
1590Z130	Natural	NO	6.91	3.15	1.65	
1590Z130BK	Black	NO	6.91	3.15	1.65	
1590Z130GY	Grey	NO	6.91	3.15	1.65	
1590Z135	Natural	NO	6.91	3.15	1.65	
1590Z135BK	Black	NO	6.91	3.15	1.65	
1590Z135GY	Grey	NO	6.91	3.15	1.65	
1590Z150	Natural	YES	8.70	4.74	2.39	**1590Z150PL**
1590Z150BK	Black	YES	8.70	4.74	2.39	**1590Z150PL**
1590Z150GY	Grey	YES	8.70	4.74	2.39	**1590Z150PL**
1590Z155	Natural	YES	8.70	4.72	2.40	**1590Z150PL**
1590Z155BK	Black	YES	8.70	4.72	2.40	**1590Z150PL**
1590Z155GY	Grey	YES	8.70	4.72	2.40	**1590Z150PL**
1590Z231	Natural	YES	9.06	7.87	3.63	**1590Z231PL**
1590Z231BK	Black	YES	9.06	7.87	3.63	**1590Z231PL**
1590Z231GY	Grey	YES	9.06	7.87	3.63	**1590Z231PL**
1590Z140	Natural	YES	9.85	3.13	1.57	**1590Z140PL**
1590Z140BK	Black	YES	9.85	3.13	1.57	**1590Z140PL**
1590Z140GY	Grey	YES	9.85	3.13	1.57	**1590Z140PL**
1590Z162	Natural	YES	10.24	6.25	2.75	**1590Z162PL**
1590Z162BK	Black	YES	10.24	6.25	2.75	**1590Z162PL**
1590Z162GY	Grey	YES	10.24	6.25	2.75	**1590Z162PL**
1590Z235	Natural	YES	13.07	9.13	4.36	**1590Z235PL**
1590Z235BK	Black	YES	13.07	9.13	4.36	**1590Z235PL**
1590Z235GY	Grey	YES	13.07	9.13	4.36	**1590Z235PL**
1590Z166	Natural	YES	14.17	6.30	2.76	**1590Z166PL**
1590Z166BK	Black	YES	14.17	6.30	2.76	**1590Z166PL**
1590Z166GY	Grey	YES	14.17	6.30	2.76	**1590Z166PL**
1590Z164	Natural	YES	14.23	4.72	2.38	**1590Z164PL**
1590Z164BK	Black	YES	14.23	4.72	2.38	**1590Z164PL**
1590Z164GY	Grey	YES	14.23	4.72	2.38	**1590Z164PL**

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All dimensions in inches unless specified otherwise

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Type 4X Diecast Aluminum Enclosures *R100 Series*

Watertight, Thick Wall

Quick Link: hammfg.com/R100

Application

- Designed for use as electronic instrument enclosure, electrical junction box, or terminal wiring enclosure.

Standards

- Degree of protection NEMA 4X, IP66, DIN 40050
- CSA certified, UL Listed, Type 4, for use with industrial control equipment.

Construction

- Material - Aluminum die-cast: G AI SI 12 / DIN 1775
- Shallow lid, deep body
- Captive stainless steel lid screws. Lid screws and mounting holes outside of the gasket seal.
- Space saving single channel mounting (ie...same hole used for mounting enclosure through rear and also for the lid), provides larger interior space than dual channel enclosures.
- Enclosure holes threaded for easy installation and repetitive assembly & disassembly.
- Internal mounting shelves placed along both sides of enclosure include blind holes and grounding screws.
- Special developed external mounting feet made from zinc-die-cast. Can be turned through 90º. The fastening holes have engagement lugs for this purpose. (See table)
- All sizes have inner blind holes.
- Neoprene oil and petrol resistant gasket standard. (-40ºC up to +80ºC)
- An inner mounting panel - made of zinc-plated steel is also available (See table)

Finish

- Textured polyester powder coat, light grey RAL7032. (can be supplied unpainted on special order)

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Diecast Aluminum Enclosures *R100 Series*

Watertight, Thick Wall

		Enclosure		Optional Accessories		
				Foot Kit	Inner Panel	Hinge Kit
Part No.	H	W	D (Including Lid)	Part No.	Part No.	Part No.
R100-060-000	50	65	40	N/A	N/A	N/A
R100-062-000	65	65	40	N/A	**R507-062-000**	N/A
R100-064-000	100	65	40	N/A	**R507-064-000**	N/A
R100-066-000	150	65	40	N/A	**R507-066-000**	N/A
R100-080-000	80	80	60	**R501-002-080**	**R507-080-000**	N/A
R100-082-000	120	80	60	**R501-002-080**	**R507-082-000**	N/A
R100-084-000	160	80	60	**R501-002-080**	**R507-084-000**	N/A
R100-100-000	100	100	80	**R501-002-100**	**R507-100-000**	N/A
R100-102-000	150	100	80	**R501-002-100**	**R507-102-000**	**R510-000-000**
R100-104-000	200	100	80	**R501-002-100**	**R507-104-000**	**R510-000-000**
R100-120-000	120	120	100	**R501-000-011**	**R507-120-000**	**R510-000-000**
R100-122-000	180	120	100	**R501-000-011**	**R507-122-000**	**R510-000-000**
R100-124-000	240	120	100	**R501-000-011**	**R507-124-000**	**R510-000-000**
R100-160-000	160	160	100	**R501-000-012**	**R507-160-000**	**R510-000-000**
R100-162-000	240	160	100	**R501-000-012**	**R507-162-000**	**R510-000-000**
R100-164-000	320	160	100	**R501-000-012**	**R507-164-000**	**R510-000-000**
R100-166-000	480	160	100	**R501-000-012**	**R507-166-000**	**R510-000-000**
R100-200-000	200	200	120	N/A	**R507-200-000**	**R510-000-000**
R100-202-000	300	200	120	N/A	**R507-202-000**	**R510-000-000**
R100-204-000	400	200	120	N/A	**R507-204-000**	**R510-000-000**
R100-240-000	240	240	120	N/A	**R507-240-000**	**R510-000-000**
R100-242-000	360	240	120	N/A	**R507-242-000**	**R510-000-000**
R100-244-000	480	240	120	N/A	**R507-244-000**	**R510-000-000**
R100-320-000	320	320	120	N/A	**R507-320-000**	**R510-000-000**
R100-322-000	480	320	120	N/A	**R507-322-000**	**R510-000-000**
R100-324-000	640	320	120	N/A	**R507-324-000**	**R510-000-000**

Note: Table dimensions in mm.

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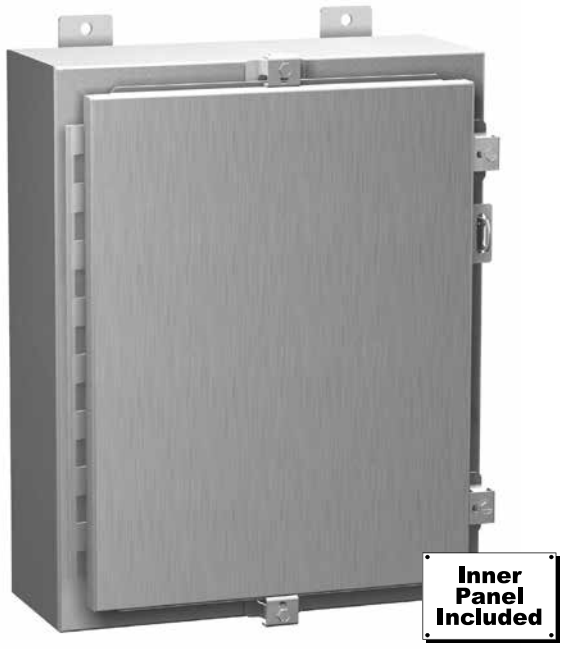
Type 4X Aluminum Wallmount Enclosure *1418 N4 AL Series*

Continuous Hinge Door with Clamps



Quick Link: hammfg.com/1418N4AL

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion may be a problem.

Standards

- UL 508A Type 4, 4X, 12 and 13
- CSA Type 4, 4X, 12 and 13
- Complies with
  - NEMA Type 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Formed from 0.081" (Body) / 0.100" (Door) Type 5052 H-32 aluminum.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Door and body stiffeners are provided in the larger enclosures for extra rigidity.
- Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure excludes flowing liquids and contaminants.
- Aluminum continuous hinge on door may be removed by pulling the aluminum hinge pin.
- Door is secured with easily operated aluminum clamps.
- Provision for padlocking.
- Seamless poured-in place gasket.
- A removable 12 gauge steel inner panel is included.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are natural unfinished aluminum.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Door Stop Kit...*See Page* ***304***
- Door Clamping Hardware...*See Page* ***268***
- Window Kits...*See Page* ***294***
- Lock kit...*See Page* ***271***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Panel	
Part No.	H	W	D	H	W
1418N4ALB6	16.00	12.00	6.00	13.00	9.00
1418N4ALC6	20.00	16.00	6.00	17.00	13.00
1418N4ALE6	24.00	20.00	6.00	21.00	17.00
1418N4ALJ8	24.00	24.00	8.00	21.00	21.00
1418N4ALK8	30.00	24.00	8.00	27.00	21.00
1418N4ALM8	36.00	30.00	8.00	33.00	27.00
1418N4ALS8	48.00	36.00	8.00	45.00	33.00
1418N4ALC10	20.00	16.00	10.00	17.00	13.00
1418N4ALE10	24.00	20.00	10.00	21.00	17.00
1418N4ALK12	30.00	24.00	12.00	27.00	21.00
1418N4ALM12	36.00	30.00	12.00	33.00	27.00
1418N4ALT12	60.00	36.00	12.00	57.00	33.00

Technical references and CAD downloads available at www.hammondmfg.com

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Non-Metallic Enclosures (Type 4X)

Type 4X, 6P Polycarbonate Enclosures
1554 Series
Watertight, Flat Lid, UL Listed Options 78

Type 4X, 6P Enclosures
1555F Series
Watertight, Flanged Lid, UL Listed Options 79

Water-Tight Polyester
R130-131-132 Series
PolyTOP & PolyDOOR 80

Type 4, 4X Glass Reinforced Polyester Enclosures
1590ZGRP Series
Watertight, Thick Wall, NEMA 4X, IP65, UL Listed 81

Type 4, 4X Polyester Inline Enclosure
PJI Series 82

Type 4X Polyester Junction Box
PJ Series
Lift-Off Cover/Hinged Door with Screws 83

Type 4X Polyester Junction Box
PJ Series
Continuous Hinge Door with Twist/Snap Latches 84

Type 4X Polyester Junction Box w/ Window
PJ Series
Various Door Styles 85

Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window)
PJ Series
Lift-Off Cover/Hinged Door with Screws 86

Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window)
PJ Series
Continuous Hinge Door with Snap Latches 87

Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window)
PJ Series
Continuous Hinge Door with Twist Latches 88

Type 4X Polyester Junction Box (Solid and Clear Cover)
PJU Series
Continuous Hinge Door with Snap Latches 89

Type 4X Polyester Junction Box (Solid and Clear Cover)
PJU Series
Continuous Hinge Door with Twist Latches 90

Type 4X Polyester Junction Box (Solid and Clear Cover)
PJU Series
Lift-Off Cover with Screws 91

Type 4X Polyester Junction Box (Solid and Clear Cover)
PJU Series
Continuous Hinge Door with Screws 92

Type 4X Polyester Junction Box w/ Window
PJU Series
Various Door Styles 93

Type 4X Polycarbonate Junction Box (Solid and Clear Cover)
PCJ Series
Screw Cover 94

Type 4X Polycarbonate Junction Box (Solid and Clear Cover)
PCJ Series
Hinged Screw Cover 95

Type 4X Polycarbonate Junction Box (Solid and Clear Cover)
PCJ Series
Non-Metallic Latch Cover 96

Type 4X Polycarbonate Junction Box (Solid and Clear Cover)
PCJ Series
Metal Latch Cover 97

Type 4X Fiberglass Junction Box
PJHD Series
Heavy Duty PJ Snap Latch 98

Type 4X Polyester Wallmount Enclosure
PJW Series
Continuous Hinge Door with Twist Latches and 3 Pt Handle 99

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Non-Metallic Enclosures (Type 4X)

Type 4X Polyester Wallmount Enclosure
PHW Series
Continuous Hinge Door with Twist Latches 100

Type 4X Polyester Single/Two Door Freestanding Enclosure
PJFS Series
Continuous Hinge Door with Handle 101

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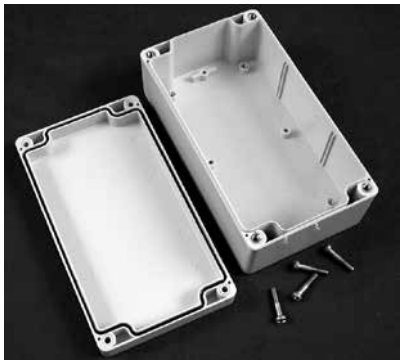
Type 4X, 6P Polycarbonate Enclosures *1554 Series*

Watertight, Flat Lid, UL Listed Options



Quick Link: hammfg.com/1554

Application

- Ideally suited for mounting printed circuit boards or DIN rail mounted components.

Standards

- Designed to meet NEMA Type 4, 4X, 6, 6P, 12 & 13 ratings which meet and exceed IP ratings up to and including IP68. (Except 1554 V size which is 4,4X only)
- cUL and UL 508A listed (File # E65324).
- UV stabilized for outdoor use. Gray polycarb carries a UL94-5VA rating, while clear and smoked lids carry a UL94V-0 rating.

Construction

- Available with gray, clear, or smoked lid.
- Gasketed lid with two piece “tongue & groove” construction provides protection against access of oil, dust and water.
- Gasket is one piece made from high temperature, U.L. listed silicone.
- Wall-mounting holes are located outside of the gasket channel.
- Same wall mounting holes can be used to install an accessory foot kit, 1554FT
- Lid is secured with included M4 stainless steel machine screws which are threaded into integral stainless steel bushings for repetitive assembly & disassembly. All hardware is stainless steel to avoid corrosion caused by dissimilar metals.
- Lid screws are self captivating (lid holes are threaded with the first installation of lid screws).
- Internal features are maximized for mounting options and vary with size:
  - Internal DIN rail mounting tabs molded into most models, except sizes “C” and “D”.
  - Threaded (M3) integral brass inserts and/or standoffs (#6 self tapping screws) for P.C. board or inner panel mounting in all but the smallest size (“B”).
  - Vertical P.C. card guides (for 1.5 mm thick P.C. boards) are molded in all but the smallest size (“B”).

Finish

- Enclosure color is a light gray (RAL 7035).

Accessories

- Breather Kit...*See Page* ***260***
- Small Rainproof Ventilator...*See Page* ***259***
- Pressure Compensation Plug...*See Page* ***259***

Solid Gray Lid Part No.	Clear Lid Part No.	Smoked Lid Part No.	H	W	D (w/lid)	Inner Panel	Foot Kit
1554B2GY	1554B2GYCL	1554B2GYSL	2.60	2.60	1.60	1554BPL	1554FT
1554E2GY	1554E2GYCL	1554E2GYSL	3.50	3.50	2.40	1554EPL	1554FT
1554EE2GY	1554EE2GYCL	1554EE2GYSL	3.50	3.50	3.50	1554EPL	1554FT
1554L2GY	1554L2GYCL	1554L2GYSL	4.13	4.13	2.36	1554LPL	1554FT
1554LA2GY	1554LA2GYCL	1554LA2GYSL	4.13	4.13	3.54	1554LPL	1554FT
1554C2GY	1554C2GYCL	1554C2GYSL	4.70	2.60	1.60	1554CPL	1554FT
1554D2GY	1554D2GYCL	1554D2GYSL	4.70	2.60	2.40	1554CPL	1554FT
1554F2GY	1554F2GYCL	1554F2GYSL	4.70	3.50	2.40	1554FPL	1554FT
1554G2GY	1554G2GYCL	1554G2GYSL	4.70	3.50	3.15	1554FPL	1554FT
1554N2GY	1554N2GYCL	1554N2GYSL	4.70	4.70	2.40	1554NPL	1554FT
1554P2GY	1554P2GYCL	1554P2GYSL	4.70	4.70	3.50	1554NPL	1554FT
1554Q2GY	1554Q2GYCL	1554Q2GYSL	5.51	5.51	2.36	1554QPL	1554FT
1554QA2GY	1554QA2GYCL	1554QA2GYSL	5.51	5.51	3.54	1554QPL	1554FT
1554J2GY	1554J2GYCL	1554J2GYSL	6.30	3.50	2.40	1554JPL	1554FT
1554K2GY	1554K2GYCL	1554K2GYSL	6.30	3.50	3.50	1554JPL	1554FT
1554R2GY	1554R2GYCL	1554R2GYSL	6.30	6.30	2.40	1554RPL	1554FT
1554S2GY	1554S2GYCL	1554S2GYSL	6.30	6.30	3.50	1554RPL	1554FT
1554H2GY	1554H2GYCL	1554H2GYSL	7.10	4.70	2.40	1554HPL	1554FT
1554T2GY	1554T2GYCL	1554T2GYSL	7.10	4.70	3.50	1554HPL	1554FT
1554W2GY	1554W2GYCL	1554W2GYSL	7.10	7.10	2.36	1554WPL	1554FT
1554WA2GY	1554WA2GYCL	1554WA2GYSL	7.10	7.10	3.54	1554WPL	1554FT
1554U2GY	1554U2GYCL	1554U2GYSL	7.90	4.70	3.50	1554UPL	1554FT
1554V2GY	1554V2GYCL	1554V2GYSL	9.40	6.30	3.50	1554VPL	1554FT
1554VA2GY	1554VA2GYCL	1554VA2GYSL	9.40	6.30	3.50	1554VAPL	1554FT
1554VB2GY	1554VB2GYCL	1554VB2GYSL	9.40	6.30	4.70	1554VAPL	1554FT

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Type 4X, 6P Enclosures *1555F Series*

Watertight, Flanged Lid, UL Listed Options

Quick Link: hammfg.com/1555F

Application

- Designed for harsh industrial environments or outdoor applications (security, outdoor wireless, controls etc. etc.)
- Ideally suited for mounting printed circuit boards, panels or DIN rail mounted components. Cover features a smooth recessed area perfect for membrane keypads or labels. Base features robust mounting flanges capable of withstanding abuse.
- Designed for wall mounting. Interior is secure as lid screws are behind the lid. Can be made more secure if wall mounted with security screws (tamper resistant screws).

Standards

- Designed to meet NEMA Type 4, 4X, 6, 6P, 12 & 13 ratings which meet and exceed IP ratings up to and including IP68.
- UL 508A listed (File # E65324).
- Polycarbonate material carries a UL flammability rating of UL94 5VA @ 3mm - Recommended for outdoor use.

Construction

- Flanged lid is secured with self captivating M4 stainless steel machine screws (included), threaded into integral stainless steel bushings for repetitive assembly & disassembly. All hardware is stainless steel to avoid corrosion caused by dissimilar metals.
- Flanged lid screws are self captivating (lid holes are threaded with the first installation of lid screws).
- Internal features are maximized for mounting options and vary with size:
  - Internal DIN rail mounting tabs molded into lid (except smaller 1555CF22 & 1555CF42 enclosures).
  - Standoffs (#6 self tapping screws) for P.C. board or inner panel
- Standoffs molded in the interior of the lid & enclosure - designed for #4 x 1/4" self tapping screws (our part number 1555TS100)
- Gasket is one piece made from high temperature, U.L. listed silicone.
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust and water.
- Optional galvanized steel inner panels are available.

Finish

- Color is a light gray (RAL 7035) to help keep heat absorption down.
- Satin texture finish with smooth recessed surface on lid for a membrane keypad or label.

Accessories

- Breather Kit...*See Page* ***260***
- Pressure Compensation Plug...*See Page* ***259***
- Small Rainproof Ventilator...*See Page* ***259***
- Liquid-Tight, Strain Relief Cordgrips...*See Page* ***308***

Part Number	H	W	D	Optional Inner Panel
1555C2F22GY	4.70	2.60	1.65	**1555CFPL**
1555C2F42GY	4.70	2.60	2.44	**1555CFPL**
1555F2F17GY	4.70	3.60	1.47	**1555FFPL**
1555F2F42GY	4.70	3.60	2.44	**1555FFPL**
1555N2F17GY	4.70	4.70	1.47	**1555NFPL**
1555N2F42GY	4.70	4.70	2.44	**1555NFPL**
1555J2F17GY	6.30	3.60	1.47	**1555JFPL**
1555J2F42GY	6.30	3.60	2.44	**1555JFPL**
1555H2F17GY	7.10	4.70	1.47	**1555HFPL**
1555H2F42GY	7.10	4.70	2.44	**1555HFPL**

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Water-Tight Polyester *R130-131-132 Series*

PolyTOP & PolyDOOR

Quick Link: hammfg.com/R130

Application

- Designed for use as instrument enclosures, electrical junction boxes or terminal wiring enclosures.
- Provide outstanding protection against dust, oil and pressurized water.
- Impervious to atmospheric and marine corrosion.

Standards

- NEMA Type 1, 2, 3, 3R, 4, 4X, 5, 12 and 13
- IEC 529, IP66
- V0 Flammability Rating
- CSA certified, Type 4, for use with industrial control equipment

Construction

- Two piece molded fiberglass reinforced polyester construction.
- Single channel lid and enclosure fastening access - for maximum internal space (ie, lid mounting hole doubles as the access to the bottom hole to mount enclosure to the wall). Outside the gasket seal and includes stainless steel inserts.
- Captive polyfibre, corrosion resistant, cover screws are provided with a standard slot head.
- Cover screws fasten into pre-threaded holes.
- Spring loaded stainless steel hinge pins are standard, allowing for quick lid removal.
- Recessed neoprene gasket with tongue and groove construction is oil and petroleum resistant.
- Threaded M6 stainless steel inserts provide for internal mounting.

Finish

- Light beige RAL 7032, Pantone 413

Part No.	Width	Length	Depth
R130-120-000	120	140	100
R130-122-000	120	200	100
R130-124-000	120	260	100
R130-160-000	160	180	100
R130-162-000	160	260	100
R130-164-000	160	340	100
R130-200-000	200	220	120
R130-202-000	200	320	120

Note: Table dimensions in mm.

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Type 4, 4X Glass Reinforced Polyester Enclosures *1590ZGRP Series*

Watertight, Thick Wall, NEMA 4X, IP65, UL Listed

Quick Link: hammfg.com/1590ZGRP

Application

- Designed for use as instrument enclosures, electrical junction boxes or terminal wiring enclosures.
- Provide outstanding protection against dust, dirt, and water.

Standards

- cUL & UL listed. Industrial Control Panel Enclosure Certified to NEMA 4, 4X standards (UL 508A) - File #E65324
- IP65 Rated

Construction

- Includes gasketed lid with two piece “tongue & groove” construction.
- Heavy duty, thick wall design.
- Lid contains self captivated stainless steel screws.
- Wall-mounting holes are located outside the gasket perimeter.
- Easy wall mounting via “through box - blind hole” construction, outside of the gasket protection (see photos below).
- Gasket material is Mohogumi rubber (EDPM). Heat resistance 100-120 degree C, cold -40 degree C
- Internal mounting shelf (for optional inner panels or PC boards) and bonding / mounting nuts molded in.
- Optional 14 gauge, galvanized steel inner panels available.
- Optional hinge kit, part number 1427HK molded from tough polyester. Note: with hinges installed, all four lid screws are required to maintain a proper seal.

Finish

- Molded from a grey, glass reinforced polyester. Smooth finish.

Accessories

- Pressure Compensation Plug...*See Page* ***259***
- Breather Kit...*See Page* ***260***
- Small Rainproof Ventilator...*See Page* ***259***
- Liquid-Tight, Strain Relief Cordgrips...*See Page* ***308***

	Enclosure			Optional
Part Number	H	W	D (w/lid)	Inner Panel
1590ZGRP081	3.17	2.97	2.17	1590ZGRP081PL
1590ZGRP084	3.17	2.97	2.95	1590ZGRP081PL
1590ZGRP082	4.32	2.94	2.17	1590ZGRP082PL
1590ZGRP121	4.72	4.78	3.57	1590ZGRP121PL
1590ZGRP083	6.30	2.94	2.17	1590ZGRP083PL
1590ZGRP161	6.30	6.30	3.56	1590ZGRP161PL
1590ZGRP131	7.48	2.94	2.17	1590ZGRP131PL
1590ZGRP233	7.87	9.84	4.54	1590ZGRP233PL
1590ZGRP123	8.66	4.72	3.56	1590ZGRP123PL
1590ZGRP234	10.04	9.87	4.73	1590ZGRP234PL
1590ZGRP235	10.04	9.87	6.32	1590ZGRP234PL
1590ZGRP162	10.24	6.30	3.56	1590ZGRP162PL
1590ZGRP163	14.20	6.30	3.54	1590ZGRP163PL
1590ZGRP243	15.75	9.84	4.73	1590ZGRP243PL
1590ZGRP244	15.75	9.84	6.30	1590ZGRP243PL
1590ZGRP253	15.94	15.75	4.72	1590ZGRP253PL
1590ZGRP263	23.62	9.84	4.72	1590ZGRP263PL
1590ZGRP264	23.62	9.84	6.30	1590ZGRP263PL

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Type 4, 4X Polyester Inline Enclosure *PJI Series*

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Threaded brass inserts are provided for optional inner panel.
- Cover is fastened with captive stainless steel screws in threaded brass inserts.
- Captive oil resistant gasket provides a positive seal.
- Mounting through rear holes on enclosure. Use #8 x 1 inch screw (not included).
- Enhanced UV inhibitors protect against outdoor weathering.
- Aavailable with and without mounting feet.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in Technical Information.

Finish

- Fiberglass polyester material has a gray finish.
- Optional aluminum inner panel natural finish.

Quick Link: hammfg.com/PJI

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

With Feet	Without Feet	Enclosure			Optional Aluminum Panel		
Part No.	Part No.	H	W	D	Part No.	H	W
PJ744	**PJ744FS**	6.74	3.93	3.88	**PJP74**	4	3.13
PJ944	**PJ944FS**	8.99	3.93	3.88	**PJP94**	6.25	3.13

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Type 4X Polyester Junction Box *PJ Series*

Lift-Off Cover/Hinged Door with Screws

Quick Link: hammfg.com/PJ

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- UL 508A Type 6P (see table)
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 6P (see table)
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X,12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- 10-32 threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware included.
- Cover is fastened with captive stainless steel screws in threaded brass inserts.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting feet to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel, unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Stainless Replacement Mounting Feet...*See Page* ***278***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Lift-Off Cover	Hinged Cover	Enclosure			Optional Inner Panel		
Part No.	Part No.	H	W	D	H	W	Part No.
PJ664[1]	**PJ664H**	6.10	6.10	4.13	4.88	4.88	**14R0505**
PJ864[1]	**PJ864H**	8.00	6.12	4.13	6.75	4.88	**14R0705**
PJ1084[1]	**PJ1084H**	10.13	8.26	4.13	8.75	6.88	**14R0907**
PJ1086[1]	**PJ1086H**	10.13	8.26	6.13	8.75	6.88	**14R0907**
PJ12106[1]	**PJ12106H**	12.13	10.26	6.13	10.75	8.88	**14R1109**
PJ12124[1]	**PJ12124H**	12.13	12.13	4.13	10.75	10.88	**14R1111**
PJ12126[1]	**PJ12126H**	12.13	12.13	6.13	10.75	10.88	**14R1111**
PJ14126[1]	**PJ14126H**	14.13	12.26	6.13	12.75	10.88	**14R1311**
PJ16148	**PJ16148H**	16.27	14.40	8.13	14.75	12.88	**14R1513**
PJ18168	**PJ18168H**	18.40	16.40	8.13	16.88	14.88	**P1868**
PJ20168	**PJ20168H**	20.00	16.00	8.13	18.44	14.44	**P2068**

Alternative inner panel options also available. [1] Type 6P.

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Type 4X Polyester Junction Box *PJ Series*

Continuous Hinge Door with Twist/Snap Latches

Quick Link: hammfg.com/PJL

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12, & 13
- CSA Type 1, 2, 3, 4, 4X, 12, & 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X,12, & 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- 10-32 threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel butterfly type “twist latch” door fasteners.
- Stainless steel draw type “snap latch” door fasteners.
- Door fasteners include a provision for padlocking.
- Twist latch enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel, unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Window Kits...*See Page* ***294***
- Stainless Replacement Mounting Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Snap Latch

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	H	W	Part No.
PJ664L	6.10	6.10	4.18	4.88	4.88	14R0505
PJ864L	8.00	6.12	4.13	6.75	4.88	14R0705
PJ1084L	10.13	8.26	4.13	8.75	6.88	14R0907
PJ1086L	10.13	8.26	6.13	8.75	6.88	14R0907
PJ12106L	12.13	10.26	6.13	10.75	8.88	14R1109
PJ12124L	12.13	12.13	4.13	10.75	10.88	14R1111
PJ12126L	12.13	12.13	6.13	10.75	10.88	14R1111
PJ14126L	14.13	12.26	6.13	12.75	10.88	14R1311
PJ16148L	16.27	14.40	8.13	14.75	12.88	14R1513
PJ18168L	18.40	16.40	8.13	16.88	14.88	P1868
PJ20168L	20.00	16.00	8.13	18.44	14.44	P2068

Alternative inner panel options also available.

Twist Latch

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	H	W	Part No.
PJ664T	6.10	6.10	4.18	4.88	4.88	14R0505
PJ864T	8.00	6.12	4.13	6.75	4.88	14R0705
PJ1084T	10.13	8.26	4.13	8.75	6.88	14R0907
PJ1086T	10.13	8.26	6.13	8.75	6.88	14R0907
PJ12106T	12.13	10.26	6.13	10.75	8.88	14R1109
PJ14126T	14.13	12.26	6.13	12.75	10.88	14R1311
PJ16148T	16.27	14.40	8.13	14.75	12.88	14R1513
PJ18168T	18.40	16.40	8.13	16.88	14.88	P1868
PJ20168T	20.00	16.00	8.13	18.44	14.44	P2068

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Polyester Junction Box w/ Window *PJ Series*

Various Door Styles

Quick Link: hammfg.com/PJW

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12, & 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18”x16”.
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel draw type “snap latch” door fasteners.
- Door fasteners include a provision for padlocking.
- Enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Stainless Replacement Mounting Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Lift-Off	Hinged	Snap Latch	Twist Latch	Enclosure			Optional Inner Panel		
Part No.	Part No.	Part No.	Part No.	H	W	D	H	W	Part No.
PJ664W	**PJ664HW**	**PJ664LW**	**PJ664TW**	6.10	6.10	4.18	4.88	4.88	**14R0505**
PJ864W	**PJ864HW**	**PJ864LW**	**PJ864TW**	8.00	6.12	4.13	6.75	4.88	**14R0705**
PJ1084W	**PJ1084HW**	**PJ1084LW**	**PJ1084TW**	10.13	8.26	4.13	8.75	6.88	**14R0907**
PJ1086W	**PJ1086HW**	**PJ1086LW**	**PJ1086TW**	10.13	8.26	6.13	8.75	6.88	**14R0907**
PJ12106W	**PJ12106HW**	**PJ12106LW**	**PJ12106TW**	12.13	10.26	6.13	10.75	8.88	**14R1109**
PJ12124W	**PJ12124HW**	**PJ12124LW**	**PJ12124TW**	12.13	12.13	4.13	10.75	10.88	**14R1111**
PJ12126W	**PJ12126HW**	**PJ12126LW**	**PJ12126TW**	12.13	12.13	6.13	10.75	10.88	**14R1111**
PJ14126W	**PJ14126HW**	**PJ14126LW**	**PJ14126TW**	14.13	12.26	6.13	12.75	10.88	**14R1311**
PJ16148W	**PJ16148HW**	**PJ16148LW**	**PJ16148TW**	16.27	14.40	8.13	14.75	12.88	**14R1513**
PJ18168W	**PJ18168HW**	**PJ18168LW**	**PJ18168TW**	18.40	16.40	8.13	16.88	14.88	**P1868**
PJ20168W	**PJ20168HW**	**PJ20168LW**	**PJ20168TW**	20.00	16.00	8.13	18.44	14.44	**P2068**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window) *PJ Series*

Lift-Off Cover/Hinged Door with Screws

Quick Link: hammfg.com/PJR

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Cover fastened with captive stainless steel screws in threaded brass inserts.
- Door fasteners include a provision for padlocking.
- Enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panels...*See Page* ***290***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Stainless Replacement Mounting Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Raised Lift-Off Solid Cover Part No.	Raised Window Cover Lift-Off Part No.	Raised Hinged Solid Cover Part No.	Raised Window Hinged Cover Part No.	Enclosure H	Enclosure W	Enclosure D	Optional Inner Panel H	Optional Inner Panel W	Optional Inner Panel Part No.
PJ664R [1]	PJ664RW	PJ664RH	PJ664RHW	6.10	6.10	4.18	4.88	4.88	14R0505
PJ864R [1]	PJ864RW	PJ864RH	PJ864RHW	8.00	6.12	4.13	6.75	4.88	14R0705
PJ1084R [1]	PJ1084RW	PJ1084RH	PJ1084RHW	10.13	8.26	4.13	8.75	6.88	14R0907
PJ1086R [1]	PJ1086RW	PJ1086RH	PJ1086RHW	10.13	8.26	6.13	8.75	6.88	14R0907
PJ12106R [1]	PJ12106RW	PJ12106RH	PJ12106RHW	12.13	10.26	6.13	10.75	8.88	14R1109
PJ12124R [1]	PJ12124RW	PJ12124RH	PJ12124RHW	12.13	12.13	4.13	10.75	10.88	14R1111
PJ12126R [1]	PJ12126RW	PJ12126RH	PJ12126RHW	12.13	12.13	6.13	10.75	10.88	14R1111
PJ14126R [1]	PJ14126RW	PJ14126RH	PJ14126RHW	14.13	12.26	6.13	12.75	10.88	14R1311
PJ16148R	PJ16148RW	PJ16148RH	PJ16148RHW	16.27	14.40	8.13	14.75	12.88	14R1513
PJ18168R	PJ18168RW	PJ18168RH	PJ18168RHW	18.40	16.40	8.13	16.88	14.88	P1868
PJ20168R	PJ20168RW	PJ20168RH	PJ20168RHW	20.00	16.00	8.13	18.44	14.44	P2068

Alternative inner panel options also available. [1] - Meets Type 6P

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window) *PJ Series*

Continuous Hinge Door with Snap Latches

Quick Link: hammfg.com/PJRL

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12, & 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18”x16”.
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel draw type “snap latch” door fasteners.
- Door fasteners include a provision for padlocking.
- Enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panels...*See Page* ***290***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Stainless Replacement Mounting Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover	Window	Enclosure			Optional Inner Panel		
Part No.	Cover Part No.	H	W	D	H	D	Part No.
PJ664RL	**PJ664RLW**	6.10	6.10	4.18	4.88	4.88	14R0505
PJ864RL	**PJ864RLW**	8.00	6.12	4.13	6.75	4.88	14R0705
PJ1084RL	**PJ1084RLW**	10.13	8.26	4.13	8.75	6.88	14R0907
PJ1086RL	**PJ1086RLW**	10.13	8.26	6.13	8.75	6.88	14R0907
PJ12106RL	**PJ12106RLW**	12.13	10.26	6.13	10.75	8.88	14R1109
PJ12124RL	**PJ12124RLW**	13.33	11.85	12.32	12.32	13.72	14R1111
PJ12126RL	**PJ12126RLW**	13.33	11.85	12.32	12.32	13.72	14R1111
PJ14126RL	**PJ14126RLW**	14.13	12.26	6.13	12.75	10.88	14R1311
PJ16148RL	**PJ16148RLW**	16.27	14.40	8.13	14.75	12.88	14R1513
PJ18168RL	**PJ18168RLW**	18.40	16.40	8.13	16.88	14.88	P1868
PJ20168RL	**PJ20168RLW**	20.00	16.00	8.13	18.44	14.44	P2068
PJ24208RL	**PJ24208RLW**	24.00	20.00	8.13	21.00	17.00	18P2117
PJ24248RL [1]	**PJ24248RLW** [1]	24.00	24.00	8.13	21.00	21.00	18P2121
PJ30248RL [1]	**PJ30248RLW** [1]	30.00	24.00	8.13	27.00	21.00	18P2721
PJ242010RL [1]	**PJ242010RLW** [1]	24.00	20.00	10.13	21.00	17.00	18P2117
PJ242410RL [1]	**PJ242410RLW** [1]	24.00	24.00	10.13	21.00	21.00	18P2121
PJ302410RL [1]	**PJ302410RLW** [1]	30.00	24.00	10.13	27.00	21.00	18P2721

Alternative inner panel options also available. [1] Uses larger mounting foot.

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Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window) *PJ Series*

Continuous Hinge Door with Twist Latches

Quick Link: hammfg.com/PJRT

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12, & 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel draw type “twist latch” door fasteners.
- Door fasteners include a provision for padlocking.
- Enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panels...*See Page* ***290***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Stainless Replacement Mounting Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover	Window	Enclosure			Optional Inner Panel		
Part No.	Cover Part No.	H	W	D	H	W	Part No.
PJ664RT	**PJ664RTW**	6.10	6.10	4.18	4.88	4.88	**14R0505**
PJ864RT	**PJ864RTW**	8.00	6.12	4.13	6.75	4.88	**14R0705**
PJ1084RT	**PJ1084RTW**	10.13	8.26	4.13	8.75	6.88	**14R0907**
PJ1086RT	**PJ1086RTW**	10.13	8.26	6.13	8.75	6.88	**14R0907**
PJ12106RT	**PJ12106RTW**	12.13	10.26	6.13	10.75	8.88	**14R1109**
PJ12124RT	**PJ12124RTW**	12.13	12.13	4.13	10.75	10.88	**14R1111**
PJ12126RT	**PJ12126RTW**	12.13	12.13	6.13	10.75	10.88	**14R1111**
PJ14126RT	**PJ14126RTW**	14.13	12.26	6.13	12.75	10.88	**14R1311**
PJ16148RT	**PJ16148RTW**	16.27	14.40	8.13	14.75	12.88	**14R1513**
PJ18168RT	**PJ18168RTW**	18.40	16.40	8.13	16.88	14.88	**P1868**
PJ20168RT	**PJ20168RTW**	20.00	16.00	8.13	18.44	14.44	**P2068**
PJ24208RT [1]	**PJ24208RTW** [1]	24.00	20.00	8.13	21.00	17.00	**18P2117**
PJ24248RT [1]	**PJ24248RTW** [1]	24.00	24.00	8.13	21.00	21.00	**18P2121**
PJ30248RT [1]	**PJ30248RTW** [1]	30.00	24.00	8.13	27.00	21.00	**18P2721**
PJ242010RT [1]	**PJ242010RTW** [1]	24.00	20.00	10.13	21.00	17.00	**18P2117**
PJ242410RT [1]	**PJ242410RTW** [1]	24.00	24.00	10.13	21.00	21.00	**18P2121**
PJ302410RT [1]	**PJ302410RTW** [1]	30.00	24.00	10.13	27.00	21.00	**18P2721**

Alternative inner panel options also available. [1] Uses larger mounting foot.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Polyester Junction Box (Solid and Clear Cover) *PJU Series*

Continuous Hinge Door with Snap Latches

Quick Link: hammfg.com/PJU

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel draw type "snap latch" door fasteners.
- Door fasteners include a provision for padlocking.
- Enclosure available with clear Polycarbonate cover to 16" x 14".
- Molded hinge with stainless steel pin.
- Captive oil resistant gasket provides a positive seal.
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panels...*See Page* ***290***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover		Enclosure			Optional Inner Panel		
w/Flange Part No.	w/Feet Part No.	w/Flange Part No.	w/Feet Part No.	H	W	D	H	W	Part No.
PJU664LF	**PJU664L**	**PJU664CCLF**	**PJU664CCL**	6.05	6.27	4.13	4.88	4.88	**14R0505**
PJU864LF	**PJU864L**	**PJU864CCLF**	**PJU864CCL**	8.05	6.27	4.13	6.75	4.88	**14R0705**
PJU1084LF	**PJU1084L**	**PJU1084CCLF**	**PJU1084CCL**	10.05	8.27	4.13	8.75	6.88	**14R0907**
PJU12106LF	**PJU12106L**	**PJU12106CCLF**	**PJU12106CCL**	12.05	10.27	6.13	10.75	8.88	**14R1109**
PJU14126LF	**PJU14126L**	**PJU14126CCLF**	**PJU14126CCL**	14.05	12.27	6.13	12.75	10.88	**14R1311**
PJU16148LF	**PJU16148L**	**PJU16148CCLF**	**PJU16148CCL**	16.05	14.27	8.13	14.75	12.88	**14R1513**
PJU181610LF	**PJU181610L**			18.30	16.52	10.13	16.88	14.88	**P1868**
PJU201610LF	**PJU201610L**			20.50	16.27	10.13	18.44	14.44	**P2068**

Alternative inner panel options also available.

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Type 4X Polyester Junction Box (Solid and Clear Cover) *PJU Series*

Continuous Hinge Door with Twist Latches

Quick Link: hammfg.com/PJUTF

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel butterfly type "twist latch" door fasteners.
- Door fasteners include a provision for padlocking.
- Enclosure available with clear Polycarbonate cover to 16" x 14".
- Molded hinge with stainless steel pin.
- Captive oil resistant gasket provides a positive seal.
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Swing Panels...*See Page* ***290***
- Terminal Kit Assemblies...*See Page* ***288***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover		Enclosure			Optional Inner Panel		
w/Flange	w/Feet	w/Flange	w/Feet						
Part No.	Part No.	Part No.	Part No.	H	W	D	H	W	Part No.
PJU664TF	**PJU664T**	**PJU664CCTF**	**PJU664CCT**	6.05	6.27	4.13	4.88	4.88	**14R0505**
PJU864TF	**PJU864T**	**PJU864CCTF**	**PJU864CCT**	8.05	6.27	4.13	6.75	4.88	**14R0705**
PJU1084TF	**PJU1084T**	**PJU1084CCTF**	**PJU1084CCT**	10.05	8.27	4.13	8.75	6.88	**14R0907**
PJU12106TF	**PJU12106T**	**PJU12106CCTF**	**PJU12106CCT**	12.05	10.27	6.13	10.75	8.88	**14R1109**
PJU14126TF	**PJU14126T**	**PJU14126CCTF**	**PJU14126CCT**	14.05	12.27	6.13	12.75	10.88	**14R1311**
PJU16148TF	**PJU16148T**	**PJU16148CCTF**	**PJU16148CCT**	16.05	14.27	8.13	14.75	12.88	**14R1513**
PJU181610TF	**PJU181610T**			18.30	16.52	10.13	16.88	14.88	**P1868**
PJU201610TF	**PJU201610T**			20.50	16.27	10.13	18.44	14.44	**P2068**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 4X Polyester Junction Box (Solid and Clear Cover) *PJU Series*

Lift-Off Cover with Screws

Quick Link: hammfg.com/PJUF

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13 (6P for solid covers only)
- CSA Type 1, 2, 3, 4, 4X, 12 and 13 (6P for solid covers only)
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13 (6P for solid covers only)
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Cover fastened with captive stainless steel screws in threaded brass inserts.
- Enclosure available with clear Polycarbonate cover to 16" x 14".
- Captive oil resistant gasket provides a positive seal.
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panels...*See Page* ***290***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover		Enclosure			Optional Inner Panel		
w/Flange Part No.	w/Feet Part No.	w/Flange Part No.	w/Feet Part No.	H	W	D	H	W	Part No.
PJU664F	**PJU664**	**PJU664CCF**	**PJU664CC**	6.05	6.27	4.13	4.88	4.88	**14R0505**
PJU864F	**PJU864**	**PJU864CCF**	**PJU864CC**	8.05	6.27	4.13	6.75	4.88	**14R0705**
PJU1084F	**PJU1084**	**PJU1084CCF**	**PJU1084CC**	10.05	8.27	4.13	8.75	6.88	**14R0907**
PJU12106F	**PJU12106**	**PJU12106CCF**	**PJU12106CC**	12.05	10.27	6.13	10.75	8.88	**14R1109**
PJU14126F	**PJU14126**	**PJU14126CCF**	**PJU14126CC**	14.05	12.27	6.13	12.75	10.88	**14R1311**
PJU16148F	**PJU16148**	**PJU16148CCF**	**PJU16148CC**	16.05	14.27	8.13	14.75	12.88	**14R1513**
PJU181610F	**PJU181610**			18.30	16.52	10.13	16.88	14.88	**P1868**
PJU201610F	**PJU201610**			20.50	16.27	10.13	18.44	14.44	**P2068**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 4X Polyester Junction Box (Solid and Clear Cover) *PJU Series*

Continuous Hinge Door with Screws

Quick Link: hammfg.com/PJUHF

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Cover fastened with captive stainless steel screws in threaded brass inserts.
- Enclosure available with clear Polycarbonate cover to 16" x 20".
- Molded hinge with stainless steel pin.
- Captive oil resistant gasket provides a positive seal.
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panels...*See Page* ***290***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover		Enclosure			Optional Inner Panel		
w/Flange	w/Feet	w/Flange	w/Feet						
Part No.	Part No.	Part No.	Part No.	H	W	D	H	W	Part No.
PJU664HF	**PJU664H**	**PJU664CCHF**	**PJU664CCH**	6.05	6.27	4.13	4.88	4.88	**14R0505**
PJU864HF	**PJU864H**	**PJU864CCHF**	**PJU864CCH**	8.05	6.27	4.13	6.75	4.88	**14R0705**
PJU1084HF	**PJU1084H**	**PJU1084CCHF**	**PJU1084CCH**	10.05	8.27	4.13	8.75	6.88	**14R0907**
PJU12106HF	**PJU12106H**	**PJU12106CCHF**	**PJU12106CCH**	12.05	10.27	6.13	10.75	8.88	**14R1109**
PJU14126HF	**PJU14126H**	**PJU14126CCHF**	**PJU14126CCH**	14.05	12.27	6.13	12.75	10.88	**14R1311**
PJU16148HF	**PJU16148H**	**PJU16148CCHF**	**PJU16148CCH**	16.05	14.27	8.13	14.75	12.88	**14R1513**
PJU181610HF	**PJU181610H**			18.30	16.52	10.13	16.88	14.88	**P1868**
PJU201610HF	**PJU201610H**			20.50	16.27	10.13	18.44	14.44	**P2068**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Polyester Junction Box w/ Window *PJU Series*

Various Door Styles

Quick Link: hammfg.com/PJUW

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18”x16”.
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Various latching options.
- Enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge pin.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a light gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Swing Panels...*See Page* ***290***
- Pole Mounting Kit...*See Page* ***309***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Lift-Off Screw Cover		Hinged Screw Cover		Hinged Snap Latch		Enclosure			Optional Inner Panel		
w/Flange	w/Feet	w/Flange	w/Feet	w/Flange	w/Feet						
Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	H	W	D	H	W	Part No.
PJU664WF	**PJU664W**	**PJU664HWF**	**PJU664HW**	**PJU664LWF**	**PJU664LW**	6.05	6.27	4.13	4.88	4.88	**14R0505**
PJU864WF	**PJU864W**	**PJU864HWF**	**PJU864HW**	**PJU864LWF**	**PJU864LW**	8.05	6.27	4.13	6.75	4.88	**14R0705**
PJU1084WF	**PJU1084W**	**PJU1084HWF**	**PJU1084HW**	**PJU1084LWF**	**PJU1084LW**	10.05	8.27	4.13	8.75	6.88	**14R0907**
PJU12106WF	**PJU12106W**	**PJU12106HWF**	**PJU12106HW**	**PJU12106LWF**	**PJU12106LW**	12.05	10.27	6.13	10.75	8.88	**14R1109**
PJU14126WF	**PJU14126W**	**PJU14126HWF**	**PJU14126HW**	**PJU14126LWF**	**PJU14126LW**	14.05	12.27	6.13	12.75	10.88	**14R1311**
PJU16148WF	**PJU16148W**	**PJU16148HWF**	**PJU16148HW**	**PJU16148LWF**	**PJU16148LW**	16.05	14.27	8.13	14.75	12.88	**14R1513**
PJU181610WF	**PJU181610W**	**PJU181610HWF**	**PJU181610HW**	**PJU181610LWF**	**PJU181610LW**	18.30	16.52	10.13	16.88	14.88	**P1868**
PJU201610WF	**PJU201610W**	**PJU201610HWF**	**PJU201610HW**	**PJU201610LWF**	**PJU201610LW**	20.50	16.27	10.13	18.44	14.44	**P2068**

* see table below for full part number and latch including mounting feet

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Polycarbonate Junction Box (Solid and Clear Cover) *PCJ Series*

Screw Cover

Quick Link: hammfg.com/PCJ-SC

Application

- Designed to insulate and protect controls and componets in both indoor and outdoor conditions
- Ideal for industrial pump controls, waste water, irrigation control along with solar/wind and chemical plants

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66
  - Flamability V-O per UL 94
  - UV rating (f1) per UL746C - UV stabilized for outdoor use
  - Complient with RoHS directive

Construction

- Injection moulded polycarbonate thermoplastic enclosure with matching cover is easily punched, cut, or drilled
- Enhanced UV inhibitors protect against outdoor weathering
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included
- Stainless steel 316 screw fasteners
- Enclosure available with clear Polycarbonate cover
- Captive oil resistant gasket provides a positive seal
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting
- Operating temperatures between 130°C and - 35 °C (266°F to - 31 °F)
- Impact index of 16 J (12 ft/lb)
- For corrosion resistance information, please refer to table in the Technical Information section

Finish

- Polycarbonate material has a Light gray finish
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass

Accessories

- Additional Inner Panels...*See Page* ***284***
- Swing Panel...*See Page* ***291***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover							
w/Flange	w/Feet	w/Flange	w/Feet	Enclosure			Optional Inner Panel		
Part No.	Part No.	Part No.	Part No.	H	W	D	H	W	Part No.
PCJ664F *	PCJ664*	PCJ664CCF *	PCJ664CC *	5.93	6.16	3.98	4.81	4.81	PCJR0505
PCJ864F *	PCJ864*	PCJ864CCF *	PCJ864CC *	7.94	6.16	3.98	6.75	4.88	PCJR0705
PCJ884F *	PCJ884*	PCJ884CCF *	PCJ884CC *	7.94	8.15	3.98	6.75	6.88	PCJR0808
PCJ1082F	PCJ1082	PCJ1082CCF	PCJ1082CC	9.93	8.15	2.70	8.75	6.88	PCJR0907
PCJ1084F	PCJ1084	PCJ1084CCF	PCJ1084CC	9.93	8.15	3.98	8.75	6.88	PCJR0907
PCJ1086F	PCJ1086	PCJ1086CCF	PCJ1086CC	9.93	8.15	5.98	8.75	6.88	PCJR0907
PCJ12104F	PCJ12104	PCJ12104CCF	PCJ12104CC	11.92	10.15	3.98	10.75	8.88	PCJR1109
PCJ12106F	PCJ12106	PCJ12106CCF	PCJ12106CC	11.92	10.15	5.98	10.75	8.88	PCJR1109
PCJ14126F	PCJ14126	PCJ14126CCF	PCJ14126CC	13.94	12.16	5.98	12.75	10.88	PCJR1311
PCJ16148F	PCJ16148	PCJ16148CCF	PCJ16148CC	15.98	13.98	7.81	14.75	12.88	14R1513
PCJ181610F	PCJ181610	PCJ181610CCF	PCJ181610CC	18.04	16.04	9.81	16.88	14.88	P1868

* Moulded hinge barrels removed from lid and body. Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Polycarbonate Junction Box (Solid and Clear Cover) *PCJ Series*

Hinged Screw Cover

Quick Link: hammfg.com/PCJ-HSC

Application

- Designed to insulate and protect controls and componets in both indoor and outdoor conditions
- Ideal for industrial pump controls, waste water, irrigation control along with solar/wind and chemical plants

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66
  - Flamability V-O per UL 94
  - UV rating (f1) per UL746C - UV stabilized for outdoor use
  - Complient with RoHS directive

Construction

- Injection moulded polycarbonate thermoplastic enclosure with matching cover is easily punched, cut, or drilled
- Enhanced UV inhibitors protect against outdoor weathering
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included
- Stainless steel 316 screw fasteners
- Door fasteners include a provision for padlocking on Snap Latches
- Enclosure available with clear Polycarbonate cover
- Molded hinge with 316 stainless steel pin
- Captive oil resistant gasket provides a positive seal
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting
- Operating temperatures between 130°C and - 35 °C (266°F to - 31 °F)
- Impact index of 16 J (12 ft/lb)
- For corrosion resistance information, please refer to table in the Technical Information section

Finish

- Polycarbonate material has a Light gray finish
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass

Accessories

- Additional Inner Panels...*See Page* ***284***
- Swing Panel...*See Page* ***291***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover							
w/Flange	w/Feet	w/Flange	w/Feet	Enclosure			Optional Inner Panel		
Part No.	Part No.	Part No.	Part No.	H	W	D	H	W	Part No.
PCJ664HF	**PCJ664H**	**PCJ664CCHF**	**PCJ664CCH**	5.93	6.16	3.98	4.81	4.81	**PCJR0505**
PCJ864HF	**PCJ864H**	**PCJ864CCHF**	**PCJ864CCH**	7.94	6.16	3.98	6.75	4.88	**PCJR0705**
PCJ884HF	**PCJ884H**	**PCJ884CCHF**	**PCJ884CCH**	7.94	8.15	3.98	6.75	6.88	**PCJR0808**
PCJ1082HF	**PCJ1082H**	**PCJ1082CCHF**	**PCJ1082CCH**	9.93	8.15	2.70	8.75	6.88	**PCJR0907**
PCJ1084HF	**PCJ1084H**	**PCJ1084CCHF**	**PCJ1084CCH**	9.93	8.15	3.98	8.75	6.88	**PCJR0907**
PCJ1086HF	**PCJ1086H**	**PCJ1086CCHF**	**PCJ1086CCH**	9.93	8.15	5.98	8.75	6.88	**PCJR0907**
PCJ12104HF	**PCJ12104H**	**PCJ12104CCHF**	**PCJ12104CCH**	11.92	10.15	3.98	10.75	8.88	**PCJR1109**
PCJ12106HF	**PCJ12106H**	**PCJ12106CCHF**	**PCJ12106CCH**	11.92	10.15	5.98	10.75	8.88	**PCJR1109**
PCJ14126HF	**PCJ14126H**	**PCJ14126CCHF**	**PCJ14126CCH**	13.94	12.16	5.98	12.75	10.88	**PCJR1311**
PCJ16148HF	**PCJ16148H**	**PCJ16148CCHF**	**PCJ16148CCH**	15.98	13.98	9.81	14.75	12.88	**14R1513**
PCJ181610HF	**PCJ181610H**	**PCJ181610CCHF**	**PCJ181610CCH**	18.04	16.04		16.88	14.88	**P1868**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 4X Polycarbonate Junction Box (Solid and Clear Cover) *PCJ Series*

Non-Metallic Latch Cover

Quick Link: hammfg.com/PCJ-NSL

Application

- Designed to insulate and protect controls and components in both indoor and outdoor conditions
- Ideal for industrial pump controls, waste water, irrigation control along with solar/wind and chemical plants

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66
  - Flamability V-O per UL 94
  - UV rating (f1) per UL746C - UV stabilized for outdoor use
  - Complient with RoHS directive

Construction

- Injection moulded polycarbonate thermoplastic enclosure with matching cover is easily punched, cut, or drilled
- Enhanced UV inhibitors protect against outdoor weathering
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included
- Stainless steel 316 screw fasteners
- Door fasteners include a provision for padlocking on Snap Latches
- Enclosure available with clear Polycarbonate cover
- Molded hinge with 316 stainless steel pin
- Captive oil resistant gasket provides a positive seal
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting
- Operating temperatures between 130°C and - 35 °C (266°F to - 31 °F)
- Impact index of 16 J (12 ft/lb)
- For corrosion resistance information, please refer to table in the Technical Information section

Finish

- Polycarbonate material has a Light gray finish
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass

Accessories

- Additional Inner Panels...*See Page* ***284***
- Swing Panel...*See Page* ***291***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover							
w/Flange	w/Feet	w/Flange	w/Feet	Enclosure			Optional Inner Panel		
Part No.	Part No.	Part No.	Part No.	H	W	D	H	W	Part No.
PCJ664NLF	**PCJ664NL**	**PCJ664CCNLF**	**PCJ664CCNL**	5.93	6.16	3.98	4.81	4.81	**PCJR0505**
PCJ864NLF	**PCJ864NL**	**PCJ864CCNLF**	**PCJ864CCNL**	7.94	6.16	3.98	6.75	4.88	**PCJR0705**
PCJ884NLF	**PCJ884NL**	**PCJ884CCNLF**	**PCJ884CCNL**	7.94	8.15	3.98	6.75	6.88	**PCJR0808**
PCJ1084NLF	**PCJ1084NL**	**PCJ1084CCNLF**	**PCJ1084CCNL**	9.93	8.15	3.98	8.75	6.88	**PCJR0907**
PCJ1086NLF	**PCJ1086NL**	**PCJ1086CCNLF**	**PCJ1086CCNL**	9.93	8.15	5.98	8.75	6.88	**PCJR0907**
PCJ12104NLF	**PCJ12104NL**	**PCJ12104CCNLF**	**PCJ12104CCNL**	11.92	10.15	3.98	10.75	8.88	**PCJR1109**
PCJ12106NLF	**PCJ12106NL**	**PCJ12106CCNLF**	**PCJ12106CCNL**	11.92	10.15	5.98	10.75	8.88	**PCJR1109**
PCJ14126NLF	**PCJ14126NL**	**PCJ14126CCNLF**	**PCJ14126CCNL**	13.94	12.16	5.98	12.75	10.88	**PCJR1311**
PCJ16148NLF	**PCJ16148NL**	**PCJ16148CCNLF**	**PCJ16148CCNL**	15.98	13.98	7.81	14.75	12.88	**14R1513**
PCJ181610NLF	**PCJ181610NL**	**PCJ181610CCNLF**	**PCJ181610CCNL**	18.04	16.04	9.81	16.88	14.88	**P1868**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Polycarbonate Junction Box (Solid and Clear Cover) *PCJ Series*

Metal Latch Cover

Quick Link: hammfg.com/PCJ-SL

Application

- Designed to insulate and protect controls and componets in both indoor and outdoor conditions
- Ideal for industrial pump controls, waste water, irrigation control along with solar/wind and chemical plants

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66
  - Flamability V-O per UL 94
  - UV rating (f1) per UL746C - UV stabilized for outdoor use
  - Complient with RoHS directive

Construction

- Injection moulded polycarbonate thermoplastic enclosure with matching cover is easily punched, cut, or drilled
- Enhanced UV inhibitors protect against outdoor weathering
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included
- Stainless steel 316 screw fasteners
- Door fasteners include a provision for padlocking on Snap Latches
- Enclosure available with clear Polycarbonate cover
- Molded hinge with 316 stainless steel pin
- Captive oil resistant gasket provides a positive seal
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting
- Operating temperatures between 130°C and - 35 °C (266°F to - 31 °F)
- Impact index of 16 J (12 ft/lb)
- For corrosion resistance information, please refer to table in the Technical Information section

Finish

- Polycarbonate material has a Light gray finish
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass

Accessories

- Additional Inner Panels...*See Page* ***284***
- Swing Panel...*See Page* ***291***
- Pole Mounting Kit...*See Page* ***309***
- PJ/PJU/PCJ Replacement Hardware Kits...*See Page* ***279***
- Moulded Replacement Polycarbonate Flange...*See Page* ***277***
- Moulded Replacement Polycarbonate Feet...*See Page* ***278***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Solid Cover		Clear Cover		Enclosure			Optional Inner Panel		
w/Flange Part No.	w/Feet Part No.	w/Flange Part No.	w/Feet Part No.	H	W	D	H	W	Part No.
PCJ664LF	PCJ664L	PCJ664CCLF	PCJ664CCL	5.93	6.16	3.98	4.81	4.81	PCJR0505
PCJ864LF	PCJ864L	PCJ864CCLF	PCJ864CCL	7.94	6.16	3.98	6.75	4.88	PCJR0705
PCJ884LF	PCJ884L	PCJ884CCLF	PCJ884CCL	7.94	8.15	3.98	6.75	6.88	PCJR0808
PCJ1082LF	PCJ1082L	PCJ1082CCLF	PCJ1082CCL	9.93	8.15	2.70	8.75	6.88	PCJR0907
PCJ1084LF	PCJ1084L	PCJ1084CCLF	PCJ1084CCL	9.93	8.15	3.98	8.75	6.88	PCJR0907
PCJ1086LF	PCJ1086L	PCJ1086CCLF	PCJ1086CCL	9.93	8.15	5.98	8.75	6.88	PCJR0907
PCJ12104LF	PCJ12104L	PCJ12104CCLF	PCJ12104CCL	11.92	10.15	3.98	10.75	8.88	PCJR1109
PCJ12106LF	PCJ12106L	PCJ12106CCLF	PCJ12106CCL	11.92	10.15	5.98	10.75	8.88	PCJR1109
PCJ14126LF	PCJ14126L	PCJ14126CCLF	PCJ14126CCL	13.94	12.16	5.98	12.75	10.88	PCJR1311
PCJ16148LF	PCJ16148L	PCJ16148CCLF	PCJ16148CCL	15.98	13.98	7.81	14.75	12.88	14R1513
PCJ181610LF	PCJ181610L	PCJ181610CCLF	PCJ181610CCL	18.04	16.04	9.81	16.88	14.88	P1868

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Fiberglass Junction Box *PJHD Series*

Heavy Duty PJ Snap Latch

Quick Link: hammfg.com/PJHD

Application

- Ideal to insulate and house off grid solar batteries or remote monitoring equipment in outdoor applications
- Especially well suited for high temperature or corrosive environment
- Protects from UV, dirt, dust, oil and water
- Moulded in UV stabilized ultraguard FRP material, with 316 stainless hardware

Part No.	PJHD181610RLF

Features

- Increased wall thickness of .200" (5mm)
- Pad lockable snap latches
- Gasket made of closed cell neoprene core encased in a continuous channel

Dimensions

- Body = 18.24" H x 16.24" W x 10.13" D
- Body and Lid overall Height = 12.1"
- Optional Inner Panels
- P1868 (white painted steel)
- F1868 (fiberglass)
- A1868 (un-finished aluminum)

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Polyester Wallmount Enclosure *PJW Series*

Continuous Hinge Door with Twist Latches and 3 Pt Handle

Quick Link: hammfg.com/PJWL

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL/cUL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X,12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- 3/8 collar studs are provided for optional inner panel mounting, hardware included. Note: Sizes 36x36" and larger have 8 collar studs for added stiffness.
- Stainless steel butterfly type "twist latch" door fasteners with padlock provision.
- Captive oil resistant gasket provides a positive seal.
- Integrated mounting flange.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Pole Mounting Kit...*See Page* ***309***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

Latch	3 Pt Handle	Enclosure			Optional Inner Panel		
Part No.	Part No.	H	W	D	H	W	Part No.
PJEC363012T	**PJEC3630123PT**	36.48	30.50	12.18	33.00	27.00	**18P3327**
PJEC363012TW	**PJEC3630123PTW**	36.48	30.50	12.18	33.00	27.00	**18P3327**
PJW363014L	**PJW363014L3PT**	36.25	30.25	14.13	33.00	27.00	**18P3327**
PJW363610L	**PJW363610L3PT**	36.25	36.25	10.13	33.00	33.00	**18P3333**
PJW363614L	**PJW363614L3PT**	36.25	36.25	14.13	33.00	33.00	**18P3333**
PJW483610L	**PJW483610L3PT**	48.25	36.25	10.13	45.00	33.00	**18P4533**
PJW483614L	**PJW483614L3PT**	48.25	36.25	14.13	45.00	33.00	**18P4533**
PJW603610L	**PJW603610L3PT**	60.25	36.25	10.13	57.00	33.00	**18P5733**
PJW603614L	**PJW603614L3PT**	60.25	36.25	14.13	57.00	33.00	**18P5733**

Parts ending in W have window. Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4X Polyester Wallmount Enclosure *PHW Series*

Continuous Hinge Door with Twist Latches

Quick Link: hammfg.com/PHW

Application

- These enclosures are specially designed to accomodate electrical, electronic, instrumentation and mechanical controls indoors and outdoors.
- For use where corrosion resistant watertight enclosures are needed to provide protection against windblown dust and rain, splashing and hose directed water.

Standards

- UL 508A 1, 3, 3R, 4, 4X, 12
- CSA 1, 3, 3R, 4, 4X, 12
- Complies with
  - NEMA 1, 3, 3R, 4, 4X, 12
  - IEC 60529, IP 66

Construction

- Compression molded, fiberglass reinforced polyester.
- Memory retaining, continuous door gasket standard.
- Molded in panel mounting inserts (except where noted).
- Integral mounting feet.
- Stainless steel hardware.
- Padlocking provision.
- Stainless steel butterfly type “twist latch” door fasteners.
- ported with a continuous hinge.
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass reinforced material is finished in light gray.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	H	W	Part No.
PHW20166	22.75	16.87	7.77	17.00	13.00	**18P1713**
PHW20168	22.75	16.87	9.77	17.00	13.00	**18P1713**
PHW201610	22.75	16.87	11.77	17.00	13.00	**18P1713**
PHW201612	22.75	16.87	13.77	17.00	13.00	**18P1713**
PHW241210	26.95	13.72	11.99	21.00	9.00	**18P2109**
PHW24208	27.00	21.24	9.90	21.00	17.00	**18P2117**
PHW242410	27.00	25.25	11.90	21.00	21.00	**18P2121**
PHW30208	32.86	20.99	9.89	27.00	17.00	**18P2717**
PHW302010	32.86	20.99	11.89	27.00	17.00	**18P2717**
PHW30247	33.41	26.32	8.81	27.00	21.00	**18P2721**
PHW302410	33.41	26.32	11.95	27.00	21.00	**18P2721**
PHW302412	33.41	26.32	13.79	27.00	21.00	**18P2721**
PHW363010	39.31	32.50	12.05	33.00	27.00	**18P3327**
PHW363012	39.31	32.50	14.05	33.00	27.00	**18P3327**
PHW483616	51.29	36.62	17.93	45.00	33.00	**18P4533**
PHW603616	63.50	36.50	18.12	57.00	33.00	**18P5733**

Alternative inner panel options also available.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4X Polyester Single/Two Door Freestanding Enclosure *PJFS Series*

Continuous Hinge Door with Handle

Quick Link: hammfg.com/PJFS

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL/cUL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - IEC 60529, IP66
  - NEMA Type 1, 2, 3, 4, 4X,12 and 13

Construction

- Fiberglass polyester enclosure with matching door is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Collar Studs are provided for optional inner panel(s).
- Two door enclosure accommodates 2 separate inner panels
- Mounting hardware included.
- Heavy duty continuous 304 SS Hinge.
- Flexible self-gripping gasket compresses over flange for tight seal.
- 3-point SS handle with pad lock provision.
- Molded in drip shield.
- Fiberglass mounting strut side walls on double door unit.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel.

Accessories

- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	H	W	Part No.
PJFS722525	72.00	25.00	24.50	57.00	21.00	**18P5721**
PJFS724925DD	72.00	48.00	24.50	57.00	21.00	**18P5721**

DD version is a double door unit. Order 2 inner panels for double door enclosure.

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Disconnect Enclosures

Type 4 Mild Steel Wallmount Disconnect Enclosure
1447S HK Series
Continuous Hinge Door (Flange w/ multi-vendor cutout) with Defeater Handle 104

Type 12 Mild Steel Wallmount Disconnect Enclosure
1447S Series
Continuous Hinge Door (Flange w/ multi-vendor cutout) 106

Type 4 Mild Steel Wallmount Disconnect Enclosure
Eclipse Series
Hinge Door with Handle (Flange w/ multi-vendor cutout) 108

Type 4 Mild Steel Wallmount Disconnect Enclosure
1447S N4 Series
Continuous Hinge Door with Clamps (Flange w/ multi-vendor cutout)..... 110

Type 4X Stainless Steel Wallmount Disconnect Enclosure
Eclipse Series
Hinge Door with Handle (Flange w/ multi-vendor cutout) 112

Type 4X Stainless Steel Wallmount Disconnect Enclosure
1447S N4 SS Series
Continuous Hinge Door with Clamps (Flange w/ multi-vendor cutout)..... 113

Type 12 Mild Steel Two Door Wallmount Disconnect Enclosure
2UD Series
Hinge Door with Handle (Flange w/ multi-vendor cutout) 114

Type 12 Mild Steel Two Door Floormount Disconnect Enclosure
2UD F Series
Hinge Door with Handle (Flange w/ multi-vendor cutout) 116

Type 12 Mild Steel Two Door Floormount Disconnect Enclosure
2UD CP F Series
Hinge Door with Handle (Center Post Flange w/ multi-vendor cutout)..... 118

Type 12 Mild Steel Multi-Door Freestanding Disconnect Enclosure
UHD Series
Hinge Door with Handle (Flange w/ multi-vendor cutout) 120

Type 12 Mild Steel Modular Freestanding Disconnect Enclosure
UHD M Series
Hinge Door with Handle (Flange w/ multi-vendor cutout) 122

Type 4X Stainless Steel Multi-Door Freestanding Disconnect Enclosure
UHD SS Series
Hinge Door with Handle (Flange w/ multi-vendor cutout) 124

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Type 4 Mild Steel Wallmount Disconnect Enclosure *1447S HK Series*

Continuous Hinge Door (Flange w/ multi-vendor cutout) with Defeater Handle

Quick Link: hammfg.com/1447SHK

Application

- Designed to house the following safety disconnect equipment:
  - ABB Controls flange-mounted variable depth operating mechanism for disconnect switches and circuit breakers. Also cable version for circuit breakers.
  - Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker operators. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators.
  - C-H Westinghouse C361 flange mounted variable depth operating mechanism with disconnect switches and C371 flange mounted variable depth operating mechanisms for circuit breakers. Also Flex-Shaft™ handle mechanisms for circuit breakers.
  - General Electric Type STDA flange handles and variable depth operating mechanism for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth handles for disconnect switches and circuit breakers.
  - Square D class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. Will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices

Standards

- UL 508A Type 4, 12, and 13
- CSA Type 4, 12, and 13
- Complies with
  - NEMA Type 4, 12 and 13
  - IEC 60529, IP66
  - Appropriate components are required to maintain these standards.

Construction

- Formed 14-gauge steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Welded brackets provide for enclosure mounting.
- Formed lip on enclosure exclude flowing liquids and contaminants.
- Seamless poured-in place gasket.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Continuously hinged doors may be removed by pulling the hinge pin.
- Pad lock defeater handle mechanism is provided along with latching rods and interlock brackets.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided.

Finish

- Cover and enclosure are finished in ANSI61 gray powder coat finish inside and out.
- Inner panel finished in white powder coat finish.

Note

- Disconnects, operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Enclosure Stabilizers...*See Page* ***305***
- Drip Shield Kit...*See Page* ***303***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***

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Type 4 Mild Steel Wallmount Disconnect Enclosure *1447S HK Series*

Continuous Hinge Door (Flange w/ multi-vendor cutout) with Defeater Handle

	Enclosure			Inner Panel	
Part No.	H	W	D	H	D
1447SA8HK	20.00	21.38	8.00	17.00	17.00
1447SB8HK	24.00	21.38	8.00	21.00	17.00
1447SC8HK	24.00	25.38	8.00	21.00	21.00
1447SD8HK	30.00	21.38	8.00	27.00	17.00
1447SE8HK	30.00	25.38	8.00	27.00	21.00
1447SF8HK	36.00	25.38	8.00	33.00	21.00
1447SG8HK	36.00	31.38	8.00	33.00	27.00
1447SH8HK	42.00	31.38	8.00	39.00	27.00
1447SJ8HK	42.00	37.38	8.00	39.00	33.00
1447SK8HK	48.00	37.38	8.00	45.00	33.00
1447SL8HK	60.00	37.38	8.00	57.00	33.00
1447SA10HK	20.00	21.38	10.00	17.00	17.00
1447SB10HK	24.00	21.38	10.00	21.00	17.00
1447SC10HK	24.00	25.38	10.00	21.00	21.00
1447SD10HK	30.00	21.38	10.00	27.00	17.00
1447SE10HK	30.00	25.38	10.00	27.00	21.00
1447SF10HK	36.00	25.38	10.00	33.00	21.00
1447SG10HK	36.00	31.38	10.00	33.00	27.00
1447SH10HK	42.00	31.38	10.00	39.00	27.00
1447SJ10HK	42.00	37.38	10.00	39.00	33.00
1447SQ10HK	48.00	25.40	10.00	45.00	21.00
1447SK10HK	48.00	37.38	10.00	45.00	33.00
1447SL10HK	60.00	37.38	10.00	57.00	33.00
1447SE12HK	30.00	25.38	12.00	27.00	21.00
1447SG12HK	36.00	31.38	12.00	33.00	27.00
1447SH12HK	42.00	31.38	12.00	39.00	27.00
1447SJ12HK	42.00	37.38	12.00	39.00	33.00
1447SK12HK	48.00	37.38	12.00	45.00	33.00
1447SL12HK	60.00	37.38	12.00	57.00	33.00
1447SG16HK	36.00	31.38	16.00	33.00	27.00
1447SH16HK	42.00	31.38	16.00	39.00	27.00
1447SJ16HK	42.00	37.38	16.00	39.00	33.00
1447SK16HK	48.00	37.38	16.00	45.00	33.00
1447SL16HK	60.00	37.38	16.00	57.00	33.00

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Type 12 Mild Steel Wallmount Disconnect Enclosure *1447S Series*

Continuous Hinge Door (Flange w/ multi-vendor cutout)

Quick Link: hammfg.com/1447S

Application

- Designed to house the following safety disconnect equipment:
  - ABB Controls flange-mounted variable depth operating mechanism for disconnect switches and circuit breakers. Also cable version for circuit breakers.
  - Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker operators. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators.
  - C-H Westinghouse C361 flange mounted variable depth operating mechanism with disconnect switches and C371 flange mounted variable depth operating mechanisms for circuit breakers. Also Flex-Shaft™ handle mechanisms for circuit breakers.
  - General Electric Type STDA flange handles and variable depth operating mechanism for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth handles for disconnect switches and circuit breakers.
  - Square D class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. Will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices

Standards

- UL 508A Type 12, 13
- CSA Type 12, 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
  - Appropriate components are required to maintain these standards.

Construction

- Formed 14-gauge steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the handle, operating mechanism and door closing mechanism.
- Continuously hinged doors may be removed by pulling the hinge pin.
- Latch pivots and cover interlock brackets are welded to the door.
- Cover latch bars for door handles are provided.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided.

Finish

- Cover and enclosure are finished in ANSI61 gray powder coat finish inside and out.
- Inner panel finished in white powder coat finish.
- Disconnects, operating mechanisms and door hardware are not provided with the enclosure, and must be ordered separately from the manufacturer.
- Enclosures with an “A” dimension under 40” require 2 point door closing hardware.
- Enclosures with an “A” dimension 40” or more require 3 point door closing hardware.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Enclosure Stabilizers...*See Page* ***305***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 12 Mild Steel Wallmount Disconnect Enclosure *1447S Series*

Continuous Hinge Door (Flange w/ multi-vendor cutout)

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
1447SA8	20.00	21.38	8.00	17.00	17.00
1447SB8	24.00	21.38	8.00	21.00	17.00
1447SC8	24.00	25.38	8.00	21.00	21.00
1447SD8	30.00	21.38	8.00	27.00	17.00
1447SE8	30.00	25.38	8.00	27.00	21.00
1447SF8	36.00	25.38	8.00	33.00	21.00
1447SG8	36.00	31.38	8.00	33.00	27.00
1447SH8	42.00	31.38	8.00	39.00	27.00
1447SJ8	42.00	37.38	8.00	39.00	33.00
1447SK8	48.00	37.38	8.00	45.00	33.00
1447SL8	60.00	37.38	8.00	57.00	33.00
1447SA10	20.00	21.38	10.00	17.00	17.00
1447SB10	24.00	21.38	10.00	21.00	17.00
1447SC10	24.00	25.38	10.00	21.00	21.00
1447SD10	30.00	21.38	10.00	27.00	17.00
1447SE10	30.00	25.38	10.00	27.00	21.00
1447SF10	36.00	25.38	10.00	33.00	21.00
1447SG10	36.00	31.38	10.00	33.00	27.00
1447SH10	42.00	31.38	10.00	39.00	27.00
1447SJ10	42.00	37.38	10.00	39.00	33.00
1447SK10	48.00	37.38	10.00	45.00	33.00
1447SL10	60.00	37.38	10.00	57.00	33.00
1447SE12	30.00	25.38	12.00	27.00	21.00
1447SG12	36.00	31.38	12.00	33.00	27.00
1447SH12	42.00	31.38	12.00	39.00	27.00
1447SJ12	42.00	37.38	12.00	39.00	33.00
1447SK12	48.00	37.38	12.00	45.00	33.00
1447SL12	60.00	37.38	12.00	57.00	33.00
1447S46L12	60.00	37.38	12.00	57.00	34.50
1447SG16	36.00	31.38	16.00	33.00	27.00
1447SK16	48.00	37.38	16.00	45.00	33.00
1447SL16	60.00	37.38	16.00	57.00	33.00

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Type 4 Mild Steel Wallmount Disconnect Enclosure *Eclipse Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Quick Link: hammfg.com/EN4DSC

Application

- Designed to house the following safety disconnect equipment:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
  - Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles).
  - Cutler Hammer C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators. Also Flex-Shaft™ handle mechanisms for circuit breakers. Use Cutler Hammer NEMA 4X rated operating handles to maintain NEMA 4X integrity.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth handles for disconnect switch and circuit breakers. Use handle for NEMA 4 rating.
  - General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
  - Square D Class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange mounted variable depth operating mechanism or cable mechanisms for circuit breakers. SN4SS enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508A Type 3R, 4
- CSA Type 3R, 4
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge doors with 16 or 14 (36x32” and larger) gauge steel.
- Continuously welded seams.
- Larger sizes include door stiffeners.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Doors may be easily removed for modifications and are interchangeable.
- Door is secured with easily operated 2 or 3-point handle.
- Cover interlock bracket is included on the door.
- Collar studs are provided for mounting inner panels.
- Removable inner panel is sold separately.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page* ***282***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Drip Shield Kit...*See Page* ***303***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4 Mild Steel Wallmount Disconnect Enclosure *Eclipse Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	Part No.	H	W
EN4DSC20228GY	20.00	22.00	8.00	**EP2020**	18.17	18.17
EN4DSC24228GY	24.00	22.00	8.00	**EP2420**	22.17	18.17
EN4DSC24268GY	24.00	26.00	8.00	**EP2424**	22.17	22.17
EN4DSC30268GY	30.00	26.00	8.00	**EP3024**	28.17	22.17
EN4DSC36268GY	36.00	26.00	8.00	**EP3624**	34.17	22.17
EN4DSC36328GY	36.00	32.00	8.00	**EP3630**	34.17	28.17
EN4DSC423212GY	42.00	32.00	12.00	**EP4230**	40.17	28.17
EN4DSC423812GY	42.00	38.00	12.00	**EP4236**	40.17	34.17
EN4DSC483812GY	48.00	38.00	12.00	**EP4836**	46.17	34.17
EN4DSC603812GY	60.00	38.00	12.00	**EP6036**	58.17	34.17

Alternative inner panel options also available.

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Type 4 Mild Steel Wallmount Disconnect Enclosure *1447S N4 Series*

Continuous Hinge Door with Clamps (Flange w/ multi-vendor cutout)

Quick Link: hammfg.com/1447SN4

Application

- Designed to house the following safety disconnect equipment:
  - ABB Controls flange-mounted variable depth operating mechanism for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
  - Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles.
  - C-H Westinghouse C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators, and also Flex-Shaft™ handle mechanism for circuit breakers. Use Cutler Hammer NEMA 4 rated operating handles to maintain NEMA 4 integrity.
  - General Electric Type STDA flange handles and variable depth operating mechanism for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth handles for disconnect switches and circuit breakers. Use handle for NEMA 4.
  - Square D class 9422 disconnect switches with flange-mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. SN4 enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508A Type 3R, 4
- CSA Type 3R, 4
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Door is secured with easily operated stainless steel clamps.
- Cover interlock bracket is welded to the door.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Finish

- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Enclosure Stabilizers...*See Page* ***305***
- Drip Shield Kit...*See Page* ***303***
- Door Clamping Hardware...*See Page* ***268***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

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Type 4 Mild Steel Wallmount Disconnect Enclosure *1447S N4 Series*

Continuous Hinge Door with Clamps (Flange w/ multi-vendor cutout)

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
1447SN4B8	24.00	21.38	8.00	21.00	17.00
1447SN4C8	24.00	25.38	8.00	21.00	21.00
1447SN4E8	30.00	25.38	8.00	27.00	21.00
1447SN4F8	36.00	25.38	8.00	33.00	21.00
1447SN4G8	36.00	31.38	8.00	33.00	27.00
1447SN4H12	42.00	31.38	12.00	39.00	27.00
1447SN4J12	42.00	37.38	12.00	39.00	33.00
1447SN4K12	48.00	37.38	12.00	45.00	33.00
1447SN4L12	60.00	37.38	12.00	57.00	33.00

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Type 4X Stainless Steel Wallmount Disconnect Enclosure *Eclipse Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Quick Link: hammfg.com/EN4DSCSS

Application

- Designed to house the following safety disconnect equipment:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
  - Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles).
  - Cutler Hammer C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators. Also Flex-Shaft™ handle mechanisms for circuit breakers. Use Cutler Hammer NEMA 4X rated operating handles to maintain NEMA 4X integrity.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth handles for disconnect switch and circuit breakers. Use handle for NEMA 4 rating.
  - General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
  - Square D Class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange mounted variable depth operating mechanism or cable mechanisms for circuit breakers. SN4SS enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508A Type 3R, 4 and 4X
- CSA Type 3R, 4 and 4X
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge doors with 16 or 14 (36x32" and larger) gauge type 304 stainless steel.
- Continuously welded seams.
- Larger sizes include door stiffeners.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Doors may be easily removed for modifications and are interchangeable.
- Door is secured with easily operated 2 or 3 point, padlockable handle.
- Cover interlock bracket is included on the door.
- Collar studs are provided for mounting inner panels.
- Removable inner panel is sold separately.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.

Finish

- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Accessories

- Additional Inner Panels...*See Page* ***282***
- Door Stop Kit...*See Page* ***304***
- Mounting Foot Kit...*See Page* ***277***
- Climate Control...*See Page* ***234***
- Window Kits...*See Page* ***294***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	Part No.	H	W
EN4DSC20228SS	20.00	22.00	8.00	**EP2020**	18.17	18.17
EN4DSC24228SS	24.00	22.00	8.00	**EP2420**	22.17	18.17
EN4DSC24268SS	24.00	26.00	8.00	**EP2424**	22.17	22.17
EN4DSC30268SS	30.00	26.00	8.00	**EP3024**	28.17	22.17
EN4DSC36268SS	36.00	26.00	8.00	**EP3624**	34.17	22.17
EN4DSC36328SS	36.00	32.00	8.00	**EP3630**	34.17	28.17
EN4DSC423212SS	42.00	32.00	12.00	**EP4230**	40.17	28.17
EN4DSC423812SS	42.00	38.00	12.00	**EP4236**	40.17	34.17
EN4DSC483812SS	48.00	38.00	12.00	**EP4836**	46.17	34.17
EN4DSC603812SS	60.00	38.00	12.00	**EP6036**	58.17	34.17

Alternative inner panel options also available.

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Type 4X Stainless Steel Wallmount Disconnect Enclosure *1447S N4 SS Series*

Continuous Hinge Door with Clamps (Flange w/ multi-vendor cutout)

Quick Link: hammfg.com/1447SN4SS

Application

Inner Panel Included

- Designed to house the following safety disconnect equipment:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
  - Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles).
  - Cutler Hammer C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators. Also Flex-Shaft™ handle mechanisms for circuit breakers. Use Cutler Hammer NEMA 4X rated operating handles to maintain NEMA 4X integrity.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth handles for disconnect switch and circuit breakers. Use handle for NEMA 4 rating.
  - General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
  - Square D Class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange mounted variable depth operating mechanism or cable mechanisms for circuit breakers. SN4SS enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508A Type 3R, 4 and 4X
- CSA Type 3R, 4 and 4X
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge type 304 stainless steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Door is secured with easily operated stainless steel clamps.
- Cover interlock bracket is welded to the door.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Finish

- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Door Clamping Hardware...*See Page* ***268***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
1447SN4SSB8	24.00	21.38	8.00	21.00	17.00
1447SN4SSC8	24.00	25.38	8.00	21.00	21.00
1447SN4SSE8	30.00	25.38	8.00	27.00	21.00
1447SN4SSF8	36.00	25.38	8.00	33.00	21.00
1447SN4SSG8	36.00	31.38	8.00	33.00	27.00
1447SN4SSH12	42.00	31.38	12.00	39.00	27.00
1447SN4SSJ12	42.00	37.38	12.00	39.00	33.00
1447SN4SSK12	48.00	37.38	12.00	45.00	33.00
1447SN4SSL12	60.00	37.38	12.00	57.00	33.00

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Type 12 Mild Steel Two Door Wallmount Disconnect Enclosure *2UD Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Quick Link: hammfg.com/2UD

Application

- Designed to accept the following disconnect switches and circuit breakers:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
  - Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
  - C-H Westinghouse Type C361 disconnect swtches and operator mechanisms, and type C371 circuit breakers and circuit breaker operating mechanisms. Flex ShaftTM handle operators for circuit breakers.
  - General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth operating handles for disconnect switches and circuit breakers.
  - Square D disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices, Class 9422TG1, or TG2 devices.

Operator Adaptor Kits

- All universal series enclosures require one adaptor kit (ordered separately) to adapt the type of disconnect and mechanism to be used.
- Each brand and type requires a different adaptor kit.
- Each kit contains an adaptor plate and master door interlocking mechanism.
- Fully detailed, illustrated instructions are included.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are included in the larger enclosures for extra rigidity.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- Removable doors are secured with heavy duty lift-off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.

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Type 12 Mild Steel Two Door Wallmount Disconnect Enclosure *2UD Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured.
- The right hand door is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Note

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Enclosure interior is finished in white powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Flange Disconnect Operator Adaptor Kits...*See Page* ***302***
- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
2UD605012FTC	60.13	50.00	12.13	56.00	44.00
2UD606212FTC	60.13	62.00	12.13	56.00	56.00
2UD726212FTC	72.13	62.00	12.13	68.00	56.00
2UD727412FTC	72.13	74.00	12.13	68.00	68.00

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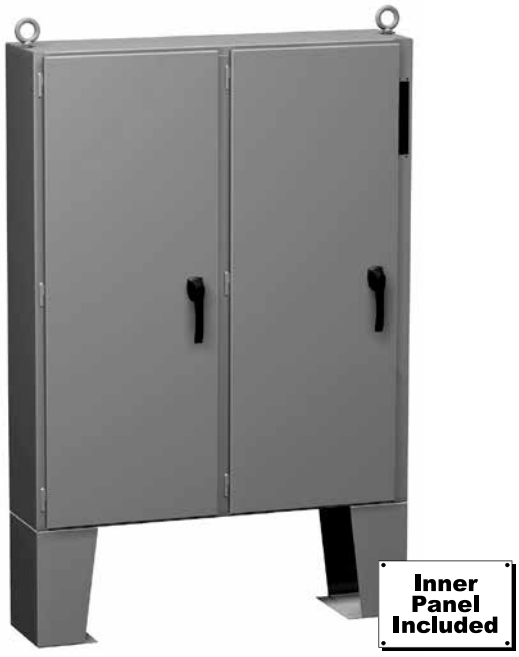
Type 12 Mild Steel Two Door Floormount Disconnect Enclosure *2UD F Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)



Quick Link: hammfg.com/2UDF

Application

- Designed to accept the following disconnect switches and circuit breakers:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
  - Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
  - C-H Westinghouse Type C361 disconnect swtches and operator mechanisms, and type C371 circuit breakers and circuit breaker operating mechanisms. Flex ShaftTM handle operators for circuit breakers.
  - General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth operating handles for disconnect switches and circuit breakers.
  - Square D disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices, Class 9422TG1, or TG2 devices.

Operator Adaptor Kits

- All universal series enclosures require one adaptor kit (ordered separately) to adapt the type of disconnect and mechanism to be used.
- Each brand and type requires a different adaptor kit.
- Each kit contains an adaptor plate and master door interlocking mechanism.
- Fully detailed, illustrated instructions are included.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are included in the larger enclosures for extra rigidity.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- 15” floor stands are welded to the enclosure.
- Removable doors are secured with heavy duty lift-off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured.
- The right hand door is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Note

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Two Door Floormount Disconnect Enclosure *2UD F Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Flange Disconnect Operator Adaptor Kits...*See Page* ***302***
- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
2UD605012FFTC	60.13	50.00	12.13	56.00	44.00
2UD605018FFTC	60.13	50.00	18.13	56.00	44.00
2UD606212FFTC	60.13	62.00	12.13	56.00	56.00
2UD606218FFTC	60.13	62.00	18.13	56.00	56.00
2UD726212FFTC	72.13	62.00	12.13	68.00	56.00
2UD726218FFTC	72.13	62.00	18.13	68.00	56.00
2UD727412FFTC	72.13	74.00	12.13	68.00	68.00
2UD727418FFTC	72.13	74.00	18.13	68.00	68.00
2UD727424FFTC	72.13	74.00	24.13	68.00	68.00

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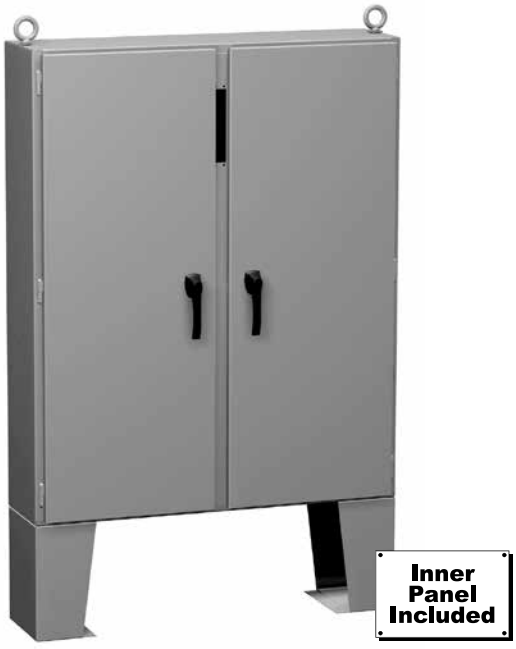
Type 12 Mild Steel Two Door Floormount Disconnect Enclosure *2UD CP F Series*

Hinge Door with Handle (Center Post Flange w/ multi-vendor cutout)



Quick Link: hammfg.com/2UDCPF

Application

- Designed to accept the following disconnect switches and circuit breakers:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
  - Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
  - C-H Westinghouse Type C361 disconnect swtches and operator mechanisms, and type C371 circuit breakers and circuit breaker operating mechanisms. Flex ShaftTM handle operators for circuit breakers.
  - General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth operating handles for disconnect switches and circuit breakers.
  - Square D disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices, Class 9422TG1, or TG2 devices.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are included in the larger enclosures for extra rigidity.
- 15” floor stands are welded to the enclosure.
- Flange trough Collar (FTC) around door opening excludes liquids and contaminants.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift-off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured.
- The left door is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Note

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Technical references and CAD downloads available at www.hammondmfg.com

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Type 12 Mild Steel Two Door Floormount Disconnect Enclosure *2UD CP F Series*

Hinge Door with Handle (Center Post Flange w/ multi-vendor cutout)

Accessories

- Flange Disconnect Operator Adaptor Kits...*See Page* ***302***
- Additional Inner Panels...*See Page* ***283***
- Door Stop Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
2UDCP604912FFTC	60.13	48.88	12.13	56.00	44.00
2UDCP606112FFTC	60.13	60.88	12.13	56.00	56.00
2UDCP726112FFTC	72.13	60.88	12.13	68.00	56.00
2UDCP727312FFTC	72.13	72.88	12.13	68.00	68.00
2UDCP727318FFTC	72.13	72.88	18.13	68.00	68.00

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Type 12 Mild Steel Multi-Door Freestanding Disconnect Enclosure *UHD Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Quick Link: hammfg.com/UHD

Application

- Designed to accept the following disconnect switches and circuit breakers:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
  - Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
  - C-H Westinghouse type C361 disconnect switches and operator mechanism. Cutler Hammer Type C371 circuit breaker operating mechanisms. Flex-Shaft™ handle operators for circuit breakers.
  - General Electric type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth operating handles for disconnect switches and circuit breakers.
  - Square D disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices or class 9422TG1 or TG2 devices.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured.
- The right-hand door on all enclosures is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

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Type 12 Mild Steel Multi-Door Freestanding Disconnect Enclosure *UHD Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Flange Disconnect Operator Adaptor Kits...*See Page* ***302***
- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

Single Door

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
1UHD722918FTC	72.13	28.75	18.13	60.00	21.75
1UHD723518FTC	72.13	34.75	18.13	60.00	27.75
1UHD724118FTC	72.13	40.75	18.13	60.00	33.75
1UHD844118FTC	84.13	40.75	18.13	72.00	33.75
1UHD844124FTC	84.13	40.75	24.13	72.00	33.75
1UHD904118FTC	90.13	40.75	18.13	78.00	33.75
1UHD904120FTC	90.13	40.75	20.13	78.00	33.75
1UHD904124FTC	90.13	40.75	24.13	78.00	33.75

2 Door

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
2UHD725518FTC	72.13	55.00	18.13	60.00	48.00
2UHD726718FTC	72.13	67.00	18.13	60.00	60.00
2UHD727918FTC	72.13	79.00	18.13	60.00	72.00
2UHD727924FTC	72.13	79.00	24.13	60.00	72.00
2UHD847918FTC	84.13	79.00	18.13	72.00	72.00
2UHD847924FTC	84.13	79.00	24.13	72.00	72.00
2UHD907918FTC	90.13	79.00	18.13	78.00	72.00
2UHD907920FTC	90.13	79.00	20.13	78.00	72.00
2UHD907924FTC	90.13	79.00	24.13	78.00	72.00

3 Door

	Enclosure			Inner Panels		
Part No.	H	W	D	H	W1	W2
3UHD7210118FTC	72.13	100.25	18.13	60.00	27.75	60.00
3UHD7211918FTC	72.13	118.25	18.13	60.00	33.75	72.00
3UHD8411918FTC	84.13	118.25	18.13	72.00	33.75	72.00
3UHD8411924FTC	84.13	118.25	24.13	72.00	33.75	72.00
3UHD9011924FTC	90.13	118.25	24.13	78.00	33.75	72.00

4 Door

	Enclosure			Inner Panels		
Part No.	H	W	D	H	W1	W2
4UHD8415718FTC	84.13	156.50	18.13	72.00	72.00	72.00
4UHD9015718FTC	90.13	156.50	18.13	78.00	72.00	72.00

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Type 12 Mild Steel Modular Freestanding Disconnect Enclosure *UHD M Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Inner Panel Included

Quick Link: hammfg.com/UHDM

Application

- Designed to bolt together in any number of units for maximum flexibility and ease of transportation. The UHDM system consists of a Master enclosure to house the flange mounted disconnect switch and interlocking Slave enclosures which may be added or removed as required. Master enclosure units will accept the following disconnect switches and circuit breakers:
  - ABB Controls flange mounted variable depth operating mechanism for disconnect switches and circuit breakers.
  - Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange operated disconnect switches and circuit breaker mechanisms.
  - C-H Westinghouse Type C361 disconnect switches and operator mechanism. Cutler Hammer Type C371 circuit breaker operating mechanisms. Flex Shaft™ handle operators for circuit breakers.
  - General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
  - I-T-E Max-Flex™ flange mounted variable depth operating handles for disconnect switches and circuit breakers.
  - Square D disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices or Class 9422TG1 or TG2 devices.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth continuously welded seams.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift off hinges.
- Flange trough collar (FTC) around door excludes liquids and contaminants.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching door mechanism.
- Side openings are reinforced to provide structural strength, smooth edges and preset gasket compression.
- Oil resistant gaskets on doors and side openings are permanently secured. No gasket kit is provided.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

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Type 12 Mild Steel Modular Freestanding Disconnect Enclosure *UHD M Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

- Formed End Plates and Flat End Plates
  - Formed from 12 gauge steel.
  - Used to enclose the open end(s) of one or more modular enclosures.
  - Two types are available. No separate gasket kit is required.
- Flat Barrier Plate
  - Formed from 14 gauge steel.
  - May be used to provide a barrier between modular enclosures. They are supplied complete with gasket.
- Panel Bridge Kit
  - Formed from 10 gauge steel.
  - May be used to join back panels together between modular enclosures to provide a continuous panel surface.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Flange Disconnect Operator Adaptor Kits...*See Page* ***302***
- Door Stop Kit...*See Page* ***304***
- Floor Stand Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

Master Enclosures

Left Side Open	Enclosure			Inner Panel		Door
Part No.	H	W	D	H	W	Type
UHDM724118MFTC	72.13	40.75	18.13	60.00	33.75	Single
UHDM844118MFTC	84.13	40.75	18.13	72.00	33.75	Single
UHDM844124MFTC	84.13	40.75	24.13	72.00	33.75	Single
UHDM727918MFTC	72.13	79.00	18.13	60.00	72.00	Double
UHDM847918MFTC	84.13	79.00	18.13	72.00	72.00	Double
UHDM847924MFTC	84.13	79.00	24.13	72.00	72.00	Double

Slave Enclosures

Both Sides Open	Enclosure			Inner Panel		Door
Part No.	H	W	D	H	W	Type
UHDM724118SFTC	72.13	40.25	18.13	60.00	33.75	Single
UHDM844118SFTC	84.13	40.25	18.13	72.00	33.75	Single
UHDM844124SFTC	84.13	40.25	24.13	72.00	33.75	Single
UHDM727818SFTC	72.13	78.50	18.13	60.00	72.00	Double
UHDM847818SFTC	84.13	78.50	18.13	72.00	72.00	Double
UHDM847824SFTC	84.13	78.50	24.13	72.00	72.00	Double

Accessories

Part No.	H	W	Description
UHDM7218ECA	71.86	17.87	Formed end plate with mounting hardware
UHDM8418ECA	83.87	17.87	Formed end plate with mounting hardware
UHDM8424ECA	83.87	23.87	Formed end plate with mounting hardware
UHDM7218EPA	71.87	17.87	Flat end plate with mounting hardware
UHDM8418EPA	83.87	17.87	Flat end plate with mounting hardware
UHDM8424EPA	83.87	23.87	Flat end plate with mounting hardware
UHDM7218BPA	71.87	17.87	Flat barrier plate with mounting hardware
UHDM8418BPA	83.87	17.87	Flat barrier plate with mounting hardware
UHDM8424BPA	83.87	21.87	Flat barrier plate with mounting hardware
UHDMFTC72BK	60.00	-	Inner panel bridge kit
UHDMFTC84BK	72.00	-	Inner panel bridge kit

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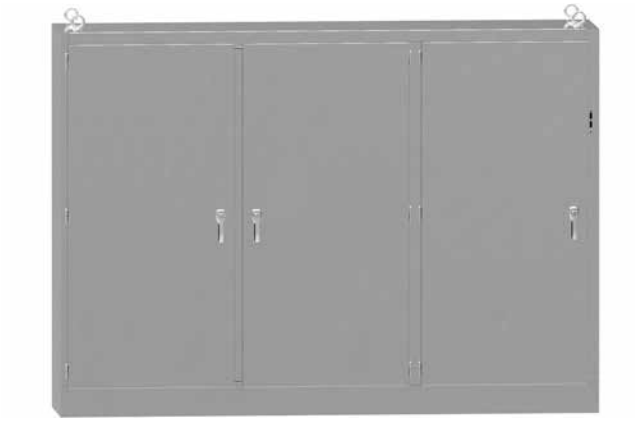
Type 4X Stainless Steel Multi-Door Freestanding Disconnect Enclosure *UHD SS Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)



Inner Panel Included

Quick Link: hammfg.com/UHDSS

Application

- Designed to accept the following disconnect switches and circuit breakers:
  - ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
  - Allen Bradley 1494V and 1494U variable depth flange mounted disconnect switches and circuit breaker mechanisms. NOT COMPATIBLE WITH 1494V-R1, R2, W2 operating handles nor with Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers.
  - C-H Westinghouse type C361 disconnect switches and operator mechanism. Cutler Hammer Type C371 circuit breaker operating mechanisms. Flex-Shaft™ handle operators for circuit breakers.
  - General Electric type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
  - Siemens I-T-E Max-Flex™ flange mounted variable depth operating handles for disconnect switches and circuit breakers.
  - Square D disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices or class 9422TG1 or TG2 devices. NOT COMPATIBLE WITH Class 9422 bracket mounted devices nor Class 9422TG1/TG2 devices.

Standards

- UL 508A Type 3R, 12, 4, 4X
- CSA Type 3R, 12, 4, 4X
- Complies with
  - NEMA Type 3R, 12, 13, 4, 4X
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed from 12 gauge 304 stainless steel with smooth, continuously welded seams.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured.
- The right-hand door on all enclosures is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The flange cutout provides mounting for disconnect operators (verify compatibility in advance).
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

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Type 4X Stainless Steel Multi-Door Freestanding Disconnect Enclosure *UHD SS Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)

Finish

- Door and enclosure are natural stainless steel with a smooth, brushed finish..
- Inner panel(s) is finished in white powder coating.

Accessories

- Flange Disconnect Operator Adaptor Kits...*See Page* ***302***
- Door Stop Kit...*See Page* ***304***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
1UHD722918N4SS	72.13	28.75	18.13	60.00	21.75
1UHD723518N4SS	72.13	34.75	18.13	60.00	27.75
1UHD724118N4SS	72.13	40.75	18.13	60.00	33.75
1UHD844118N4SS	84.13	40.75	18.13	72.00	33.75
1UHD844124N4SS	84.13	40.75	24.13	72.00	33.75
1UHD904118N4SS	90.13	40.75	18.13	78.00	33.75
1UHD904120N4SS	90.13	40.75	20.13	78.00	33.75
1UHD904124N4SS	90.13	40.75	24.13	78.00	33.75

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
2UHD725518N4SS	72.13	55.00	18.13	60.00	48.00
2UHD726718N4SS	72.13	67.00	18.13	60.00	60.00
2UHD727918N4SS	72.13	79.00	18.13	60.00	72.00
2UHD727924N4SS	72.13	79.00	24.13	60.00	72.00
2UHD847918N4SS	84.13	79.00	18.13	72.00	72.00
2UHD847924N4SS	84.13	79.00	24.13	72.00	72.00
2UHD907918N4SS	90.13	79.00	18.13	78.00	72.00
2UHD907920N4SS	90.13	79.00	20.13	78.00	72.00
2UHD907924N4SS	90.13	79.00	24.13	78.00	72.00

	Enclosure			Inner Panels		
Part No.	H	W	D	H	W1	W2
3UHD7210118N4SS	72.13	100.25	18.13	60.00	27.75	60.00
3UHD7211918N4SS	72.13	118.25	18.13	60.00	33.75	72.00
3UHD8411918N4SS	84.13	118.25	18.13	72.00	33.75	72.00
3UHD8411924N4SS	84.13	118.25	24.13	72.00	33.75	72.00
3UHD9011924N4SS	90.13	118.25	24.13	78.00	33.75	72.00

	Enclosure			Inner Panels		
Part No.	H	W	D	H	W1	W2
4UHD8415718N4SS	84.13	156.50	18.13	72.00	72.00	72.00
4UHD9015718N4SS	90.13	156.50	18.13	78.00	72.00	72.00

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Modular Freestanding Enclosures

Type 12 Mild Steel Modular Freestanding Enclosure
HME Series
Hinge Door w/ Various Handle Options 128

Type 12 Mild Steel Two Door Modular Freestanding Enclosure
HME Series
Hinge Door w/ Various Handle Options 130

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Type 12 Mild Steel Modular Freestanding Enclosure *HME Series*

Hinge Door w/ Various Handle Options

Quick Link: hammfg.com/HME

Application

- The HME product line provides users with a rugged housing for industrial control and operator interface in industrial environments.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54

Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Solid front door with door frame
- Removable rear cover panel
- Inner mounting panel

Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.

Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

Accessories

- Side Mounting Inner Panels...*See Page* ***142***
- Side Mounting Barrier Panels...*See Page* ***142***
- Additional Inner Panels...*See Page* ***141***
- Bridge Panel...*See Page* ***143***
- Grid System...*See Page* ***140***
- 19" Rails and Width Adaptor Kit...*See Page* ***145***
- HME Handles...*See Page* ***147***
- Frame Joining Kit...*See Page* ***137***
- Side Panels...*See Page* ***137***
- Plinth...*See Page* ***136***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- Additional HME Accessories...*See Page* ***136***
- General Accessories...*See Page* ***268***

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Modular Freestanding Enclosure *HME Series*

Hinge Door w/ Various Handle Options

Part No.	Enclosure H	Enclosure W	Enclosure D	Inner Panel H	Inner Panel W
HME1465	1400	600	500	1296	499
HME1466	1400	600	600	1296	499
HME1468	1400	600	800	1296	499
HME1485	1400	800	500	1296	699
HME1486	1400	800	600	1296	699
HME1488	1400	800	800	1296	699
HME1665	1600	600	500	1496	499
HME1666	1600	600	600	1496	499
HME1668	1600	600	800	1496	499
HME1685	1600	800	500	1496	699
HME1686	1600	800	600	1496	699
HME1688	1600	800	800	1496	699
HME1864	1800	600	400	1696	499
HME1865	1800	600	500	1696	499
HME1866	1800	600	600	1696	499
HME1868	1800	600	800	1696	499
HME1884	1800	800	400	1696	699
HME1885	1800	800	500	1696	699
HME1886	1800	800	600	1696	699
HME1888	1800	800	800	1696	699
HME18104	1800	1000	400	1696	899
HME18105	1800	1000	500	1696	899
HME18106	1800	1000	600	1696	899
HME18108	1800	1000	800	1696	899

Note: Table dimensions in mm.

Part No.	Overall Dimensions H	Overall Dimensions W	Overall Dimensions D	Inner Panel H	Inner Panel W
HME2045	2000	400	500	1896	299
HME2064	2000	600	400	1896	499
HME2065	2000	600	500	1896	499
HME2066	2000	600	600	1896	499
HME2068	2000	600	800	1896	499
HME2084	2000	800	400	1896	699
HME2085	2000	800	500	1896	699
HME2086	2000	800	600	1896	699
HME2088	2000	800	800	1896	699
HME20105	2000	1000	500	1896	899
HME20106	2000	1000	600	1896	899
HME20108	2000	1000	800	1896	899
HME2246	2200	400	600	2096	299
HME2265	2200	600	500	2096	499
HME2266	2200	600	600	2096	499
HME2285	2200	800	500	2096	699
HME2286	2200	800	600	2096	699
HME2288	2200	800	800	2096	699
HME22105	2200	1000	500	2096	899
HME22106	2200	1000	600	2096	899

Note: Table dimensions in mm.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 12 Mild Steel Two Door Modular Freestanding Enclosure *HME Series*

Hinge Door w/ Various Handle Options

Quick Link: hammfg.com/HMET

Application

- The HMET 2 door product line provides users with a rugged housing for industrial control and operator interface in industrial environments.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54

Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Two overlapping solid front doors with door frames
- Removable rear cover panels (1 or 2 depending on width) with welded rear center post on units 1000 mm and wider.
- Full width inner mounting panel

Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.

Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

Accessories

- Side Mounting Inner Panels...*See Page* ***142***
- Side Mounting Barrier Panels...*See Page* ***142***
- Additional Inner Panels...*See Page* ***141***
- Bridge Panel...*See Page* ***143***
- Grid System...*See Page* ***140***
- HME Handles...*See Page* ***147***
- Frame Joining Kit...*See Page* ***137***
- Side Panels...*See Page* ***137***
- Plinth...*See Page* ***136***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- Additional HME Accessories...*See Page* ***136***
- General Accessories...*See Page* ***268***

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Type 12 Mild Steel Two Door Modular Freestanding Enclosure *HME Series*

Hinge Door w/ Various Handle Options

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
HMET14125	1400	1200	500	1296	1099
HMET14126	1400	1200	600	1296	1099
HMET14128	1400	1200	800	1296	1099
HMET16125	1600	1200	500	1496	1099
HMET16126	1600	1200	600	1496	1099
HMET16128	1600	1200	800	1496	1099
HMET1886	1800	800	600	1696	699
HMET1885	1800	800	500	1696	699
HMET18104	1800	1000	400	1696	899
HMET18124	1800	1200	400	1696	1099
HMET18125	1800	1200	500	1696	1099
HMET18126	1800	1200	600	1696	1099
HMET18128	1800	1200	800	1696	1099
HMET18164	1800	1600	400	1696	1499
HMET18165	1800	1600	500	1696	1499
HMET18166	1800	1600	600	1696	1499
HMET18168	1800	1600	800	1696	1499
HMET18184	1800	1800	400	1696	1699
HMET18185	1800	1800	500	1696	1699
HMET18186	1800	1800	600	1696	1699
HMET18188	1800	1800	800	1696	1699
HMET20105	2000	1000	500	1896	899
HMET20106	2000	1000	600	1896	899
HMET20124	2000	1200	400	1896	1099
HMET20125	2000	1200	500	1896	1099
HMET20126	2000	1200	600	1896	1099
HMET20128	2000	1200	800	1896	1099
HMET20165	2000	1600	500	1896	1499
HMET20166	2000	1600	600	1896	1499
HMET20168	2000	1600	800	1896	1499
HMET20185	2000	1800	500	1896	1699
HMET20186	2000	1800	600	1896	1699
HMET20188	2000	1800	800	1896	1699
HMET22106	2200	1000	600	2096	899
HMET22125	2200	1200	500	2096	1099
HMET22126	2200	1200	600	2096	1099

Note: Table dimensions in mm.

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Type 12 Mild Steel Modular Freestanding Disconnect Enclosure *HME Series*

Hinge Door w/ Various Handle Options (Flange w/ multi-vendor cutout)

Inner Panel Included

Quick Link: hammfg.com/HFMD

Application

- Provides users with a rugged housing for flange mount disconnect and circuit breaker requirements.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.
- HME/HMET Series enclosures can be used as slave units to HFMD/HFMDT Disconnect Series.
- The flange mount disconnect units accommodate today's most popular disconnect hardware.
- ABB Controls: Disconnect Switches up to (and including) 200 amp, also operators for ABB circuit breakers up to 800 amp.
- Allen Bradley: 1494V variable depth flange mounted disconnect up to and including 200 amp and operators for C-H Westinghouse circuit breakers up to 400 amp.
- C-H Westinghouse: C361 flange mounted disconnect switches up to and including 200 amp and C371 circuit breakers up to 600 amp, also Flex Shaft handle mechanisms for circuit breakers.
- General Electric: Type STDA flange mounted variable depth flange operators for disconnect switches up to and including 200 amp and circuit breakers up to 600 amp or Spectra Flex™ cable operators for circuit breakers.
- ITE Siemens Max-Flex: flange mounted variable depth cable operators for disconnect switches up to 200 amp and circuit breakers up to 600 amp.
- Square D: class 9422 variable depth flange mounted operating mechanisms for disconnect switches up to and including 200 amp or cable mechanism for 30, 60 or 100 amp, also circuit breakers with variable depth operators or cable mechanism up to 400 amp.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54
- Appropriate components are required to maintain these standards.

Standard Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Solid front door(s) with door frame(s).
- Removable rear cover panel(s) – two door version with removable center post
- Inner mounting panel
- Disconnect to door handle activation hardware
- Hinged flange door

Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.

Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Modular Freestanding Disconnect Enclosure *HME Series*

Hinge Door w/ Various Handle Options (Flange w/ multi-vendor cutout)

Accessories

- Interlock Kit...*See Page* ***144***
- Side Mounting Barrier Panels...*See Page* ***142***
- Side Mounting Inner Panels...*See Page* ***142***
- Grid System...*See Page* ***140***
- Side Panels...*See Page* ***137***
- Frame Joining Kit...*See Page* ***137***
- Plinth...*See Page* ***136***
- HME Handles...*See Page* ***147***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- Additional HME Accessories...*See Page* ***136***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	**H**	**W**	**D**	**H**	**W**
HFMD1485	1400	800	500	1296	699
HFMD14105	1400	1000	500	1296	899
HFMD1685	1600	800	500	1496	699
HFMD1686	1600	800	600	1496	699
HFMD1884	1800	800	400	1696	699
HFMD1885	1800	800	500	1696	699
HFMD18105	1800	1000	500	1696	899
HFMD2085	2000	800	500	1896	699
HFMD2086	2000	800	600	1896	699
HFMD2088	2000	800	800	1896	699
HFMD20105	2000	1000	500	1896	899
HFMD20106	2000	1000	600	1896	899
HFMD2286	2200	800	600	2096	699
HFMD22105	2200	1000	500	2096	899

Note: Table dimensions in mm.

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Type 12 Modular Freestanding Disconnect Enclosures *HME Series*

Two Door

Quick Link: hammfg.com/HFMDT

Application

- Provides users with a rugged housing for flange mount disconnect and circuit breaker requirements.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.
- HME/HMET Series enclosures can be used as slave units to HFMD/HFMDT Disconnect Series.
- The flange mount disconnect units accommodate today's most popular disconnect hardware.
- ABB Controls: Disconnect Switches up to (and including) 200 amp, also operators for ABB circuit breakers up to 800 amp.
- Allen Bradley: 1494V variable depth flange mounted disconnect up to and including 200 amp and operators for C-H Westinghouse circuit breakers up to 400 amp.
- C-H Westinghouse: C361 flange mounted disconnect switches up to and including 200 amp and C371 circuit breakers up to 600 amp, also Flex Shaft handle mechanisms for circuit breakers.
- General Electric: Type STDA flange mounted variable depth flange operators for disconnect switches up to and including 200 amp and circuit breakers up to 600 amp or Spectra Flex™ cable operators for circuit breakers.
- ITE Siemens Max-Flex: flange mounted variable depth cable operators for disconnect switches up to 200 amp and circuit breakers up to 600 amp.
- Square D: class 9422 variable depth flange mounted operating mechanisms for disconnect switches up to and including 200 amp or cable mechanism for 30, 60 or 100 amp, also circuit breakers with variable depth operators or cable mechanism up to 400 amp.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54
- Appropriate components are required to maintain these standards.

Standard Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Solid front door(s) with door frame(s).
- Removable rear cover panel(s) – two door version with removable center post
- Inner mounting panel
- Disconnect to door handle activation hardware
- Hinged flange door

Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.

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Type 12 Modular Freestanding Disconnect Enclosures *HME Series*

Two Door

Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

Accessories

- Interlock Kit...*See Page* ***144***
- Side Mounting Inner Panels...*See Page* ***142***
- Side Mounting Barrier Panels...*See Page* ***142***
- Bridge Panel...*See Page* ***143***
- Grid System...*See Page* ***140***
- Frame Joining Kit...*See Page* ***137***
- Side Panels...*See Page* ***137***
- Plinth...*See Page* ***136***
- HME Handles...*See Page* ***147***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- Additional HME Accessories...*See Page* ***136***
- General Accessories...*See Page* ***268***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
HFMDT18164	1800	1600	400	1696	1499
HFMDT18165	1800	1600	500	1696	1499
HFMDT18184	1800	1800	400	1696	1699
HFMDT18185	1800	1800	500	1696	1699
HFMDT18186	1800	1800	600	1696	1699
HFMDT20165	2000	1600	500	1896	1499
HFMDT20166	2000	1600	600	1996	1499
HFMDT20168	2000	1600	800	1896	1499
HFMDT20185	2000	1800	500	1896	1699

Note: Table dimensions in mm.

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Plinth

- Plinths install under enclosure for additional cable entry space and/or access.
- Adds 4” (100mm) or 8” (200mm) to overall enclosure height.
- HPLW contains 4 corner supports along with corresponding front and rear panels.
- HPLD plinth side panels ordered separately to close ends.
- HPB solid plinth includes 2 gland plates.
- All panels are easily removable for quick access.
- Compatible with leveling feet.
- Comes complete with all mounting hardware.
- Finished in black.

Corners & Front/Back Panels

Part Number	Height	Use w/ HME Width
HPLW14	100	400
HPLW16	100	600
HPLW18	100	800
HPLW110	100	1000
HPLW112	100	1200
HPLW116	100	1600
HPLW118	100	1800
HPLW24	200	400
HPLW26	200	600
HPLW28	200	800
HPLW210	200	1000
HPLW212	200	1200
HPLW216	200	1600
HPLW218	200	1800

Note: Table dimensions in mm.

Side Panels (pair)

Part Number	Height	Use w/ HME Depth
HPLD14	100	400
HPLD15	100	500
HPLD16	100	600
HPLD18	100	800
HPLD24	200	400
HPLD25	200	500
HPLD26	200	600
HPLD28	200	800

Note: Table dimensions in mm.

Solid Base

Part Number	Height (mm)	Use w/ HME Width (mm)	Use w/ HME Depth (mm)
HPB165	100	600	500
HPB185	100	800	500
HPB1105	100	1000	500
HPB1125	100	1200	500
HPB1165	100	1600	500

Note: Table dimensions in mm.

Leveling Feet

- Maintains UL/CSA Type 12 approvals.
- Screws fasten into frame. Optional tamper resistant screws available
- Bond studs provided for grounding.
- Finished in RAL 7035 light gray.
- Sold in quantities of four.

Part No.	HLF4

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Side Panels

- Maintains UL/CSA Type 12 approvals.
- Screws fasten into frame. Optional tamper resistant screws available
- Bond studs provided for grounding.
- Finished in RAL 7035 light gray.
- Sold in quantities of two.

	For Use with HME	
Part Number	Height	Depth
HSP145	1400	500
HSP146	1400	600
HSP148	1400	800
HSP165	1600	500
HSP166	1600	600
HSP168	1600	800
HSP184	1800	400
HSP185	1800	500
HSP186	1800	600
HSP188	1800	800
HSP204	2000	400
HSP205	2000	500
HSP206	2000	600
HSP208	2000	800
HSP225	2200	500
HSP226	2200	600
HSP228	2200	800

Note: Table dimensions in mm.

Tamper Resistant Screws

- Replacement screws for side and rear panels.
- Provide added safety and security.
- Package consists of 8 security hex screws and 1 security hex key.
- Please see the chart below to determine how many kits to order.

Part No.	ISPTPKIT

Component	# Screws Req'd	# Kits to Order
Side Panels (Pair)	16	2
Rear Panel (600, 700, 800, 1000 mm)	8	1
Rear Panel (1200, 1600 mm)	16	2

Frame Joining Kit

- Heavy duty bolting kit connects side by side units at 8 points.
- Maintains UL/CSA Type 12 approvals.

Part No.	HMEJK

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Window Door

- For use with HME Single Door Series only
- Provides maximum viewing area of enclosure equipment
- Maintains NEMA/UL/CSA Type 12 rating
- UL - 94-VO clear polycarbonate window
- Removable and reversible for left or right hand opening
- Complete with double bit insert latching mechanisim
- Door opening 135°
- Note: check compatibility with HFMD and HFMDT

	Viewing Area			For use with Cabinet	
Part No.	H	W	E	H	W
HMEDW146	1219	434	67	1400	600
HMEDW148	1219	635	67	1400	800
HMEDW166	1419	434	67	1600	600
HMEDW168	1419	635	67	1600	800
HMEDW186	1617	434	67	1800	600
HMEDW188	1617	635	67	1800	800
HMEDW206	1819	434	67	2000	600
HMEDW208	1819	635	67	2000	800
HMEDW226	1819	434	266	2200	600
HMEDW228	1819	635	266	2200	800

Note: Table dimensions in mm.

Top Mount Cable Module and Side Panels

- Provides a space for cable organization along top of HME cabinet(s).
- Mounts directly to top of HME cabinet (with top panel removed) with matching WxD dimensions.
- Top Module consists of frame (similar to HME overall frame) with removable front and rear panels.
- Side panels (pair) sold separately. (Note: Standard top panel from HME cabinet fits on matching WxD version of Top Module).
- Finished in RAL7035 light gray.

Part Number	Description	H	W	D
HTCM46	Top Cable Module	200	400	600
HTCM66	Top Cable Module	200	600	600
HTCM86	Top Cable Module	200	800	600
HTCM106	Top Cable Module	200	1000	600
HTCM126	Top Cable Module	200	1200	600
HTCM346	Top Cable Module	300	400	600
HTCM366	Top Cable Module	300	600	600
HTCM386	Top Cable Module	300	800	600
HTCM3106	Top Cable Module	300	1000	600
HTCM3126	Top Cable Module	300	1200	600
HTCMS6	Side Panels for 200mm Top Cabling Module	200	-	600
HTCMS36	Side Panels for 300mm Top Cable Module	300	-	600

Note: Table dimensions in mm.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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HME Casters

- Heavy duty casters set of 4 consisting of 2 locking and 2 non locking
- Features ball bearing swivel and hard composition wheels.
- Mfg rating of 1000 lbs set of 4
- Wheels are 4” diameter
- Threads into base

Part No.	1425HME

Lifting Angles

- Used to replace lifting eyes for ganged enclosures
- Overall height 3.1” with eyelet hole 1.375”
- Kit includes 2 plated angles and hardware
- Weight capacity 2000 lbs per pair

Part No.	HMELA2

Grid Strap Spacer

- Constructed of 14 gauge steel galvanized
- Designed as a spacer for 75mm grid straps when mounted front to back on bottom flanges
- Can be used for terminal straps and grounding bars
- Sold in pairs

Part No.	HGS3

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Grid System

- Constructed of 14 gauge steel, galvanized.
- There are 4 styles: (1) 25mm wide Depth Grid Strap, (2) 75mm wide Depth Grid Strap, (3) 75mm wide Vertical Grid Strap and (4) 25mm wide Door Support Rail
- Grid Straps feature pattern of alternating square holes (for cage nut) and round holes (for M5 or #12 screw) at standard 25mm centers.
- Door Support Rails have round holes only.
- Depth Grid Straps and Door Support Rails have mounting flanges at either end.
- Vertical Grid Straps mount flush (butt end bracket included) to other straps for a smooth continuous mounting surface. (To achieve full height vertical strap, 2 x 75mm Depth Grid Straps required for top and bottom).
- Sold in pairs.

Grid Mounting Hardware

- A variety of hardware options are available for the Grid System.
- Square holes accommodate cage nuts listed.
- Round holes accommodate M5 and #12 thread forming screws listed.

Depth Grid Straps

Part Number	Description	Length	Fits Full Depth HME
HGD14	25mm wide with mounting flange	222	400
HGD15	25mm wide with mounting flange	323	500
HGD16	25mm wide with mounting flange	423	600
HGD18	25mm wide with mounting flange	623	800
HGD34	75mm wide with mounting flange	223	400
HGD35	75mm wide with mounting flange	323	500
HGD36	75mm wide with mounting flange	423	600
HGD38	75mm wide with mounting flange	623	800

Note: Table dimensions in mm.

Square hole Hardware

Part Number	Description
RCNIT	Cage nut insertion tool
CAGKIT1032-25	25 of 10-32 screws and cage nuts
CAGKIT1032-100	100 of 10-32 screws and cage nuts
1421D	25 of Panhead #10-32 Slot/Phillips x 0.5”
1421CND25	25 of ¼-20 cage nut
1421CND100	100 of ¼-20 cage nut
1421SP142025	25 of Panhead ¼-20 Slot/Phillips x 0.5”
1421CNB25	25 of M6 cage nut
1421CNB100	100 of M6 cage nut
1421CNBF100	100 of M6 front load cage nut
1421HPM625	25 of Hex/Phillips M6 screws x 12mm

Vertical Grid Straps

Part Number	Description	Length	Fits Full Height HME
HGV35	75mm wide with flush mount bracket	350	n/a
HGV55	75mm wide with flush mount bracket	550	n/a
HGV75	75mm wide with flush mount bracket	750	n/a
HGV95	75mm wide with flush mount bracket	950	n/a
HGV115	75mm wide with flush mount bracket	1150	1400*
HGV135	75mm wide with flush mount bracket	1350	1600*
HGV155	75mm wide with flush mount bracket	1550	1800*
HGV175	75mm wide with flush mount bracket	1750	2000*
HGV195	75mm wide with flush mount bracket	1950	2200*

* Requires 75mm wide Depth Grid Straps mounted in cabinet above and below
Note: Table dimensions in mm.

Door Support Rails

Part Number	Description	Length	Fits HME Door Width
HGDSR4	25mm wide with mounting flange	248	400
HGDSR5	25mm wide with mounting flange	348	500
HGDSR6	25mm wide with mounting flange	448	600
HGDSR8	25mm wide with mounting flange	648	800
HGDSR9	25mm wide with mounting flange	748	900*
HGDSR10	25mm wide with mounting flange	848	1000

* 900mm width refers to doors on 1800mm wide cabinet
Note: Table dimensions in mm.

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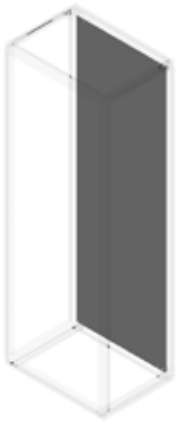
Inner Panels and Supports



Base Inner Panel

- Formed 12 gauge galvanized steel unpainted
- Included with standard configuration
- Sold separately as secondary or replacement panel
- Can be used as swing panel (where indicated * - sold separately)
- Inner panel attachment hardware sold separately as required

Inner Panel Side Support

- Use to provide extra support for larger loads
- Attached to either frame support in rear position or optional grid straps
- Sold in qty pkg of 6, complete with 24 - #12 pan head screws

Inner Panel Rear Support

- Rear support to prevent flexing of inner panel when heavily loaded
- Material: Mild steel channel
- Finish: RAL7035 Light Grey
- Sold in qty pfg of 2 complete with mounting hardware

	Overall		For use with Cabinet		Inner Panel
Part No.	Height	Width	Height	Width	Rear Support
HMEP146*	1296	499	1400	600	-
HMEP148*	1296	699	1400	800	HMEPRS800
HMEP1410	1296	899	1400	1000	HMEPRS1000
HMEP1412	1296	1099	1400	1200	HMEPRS1200
HMEP166*	1296	499	1600	600	-
HMEP168*	1496	699	1600	800	HMEPRS800
HMEP1612	1496	1099	1600	1200	HMEPRS1200
HMEP186*	1496	499	1800	600	-
HMEP188*	1696	699	1800	800	HMEPRS800
HMEP1810	1696	899	1800	1000	HMEPRS1000
HMEP1812	1696	1099	1800	1200	HMEPRS1200
HMEP1816	1696	1499	1800	1600	HMEPRS1600
HMEP1818	1660	1699	1800	1800	HMEPRS1800
HMEP204	1660	299	2000	400	-
HMEP206*	1896	499	2000	600	-
HMEP208*	1896	699	2000	800	HMEPRS800
HMEP2010	1896	899	2000	1000	HMEPRS1000
HMEP2012	1896	1099	2000	1200	HMEPRS1200
HMEP2016	1896	1499	2000	1600	HMEPRS1600
HMEP2018	1896	1699	2000	1800	HMEPRS1800
HMEP224	1896	299	2200	400	-
HMEP226*	1896	499	2200	600	-
HMEP228*	2096	699	2200	800	HMEPRS800
HMEP2210	2096	899	2200	1000	HMEPRS1000
HMEP2212	2096	1099	2200	1200	HMEPRS1200

* Can be used as swing panel (Sold Separately)
Note: Table dimensions in mm.

Additional Hardware

Part No.	HMEIPMTG

Inner Panel Side Support

Part No.	HIPSPK

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Side Mounting Inner Panels

- Sold individually
- Formed 14 gauge galvanized steel unpainted
- Mounts directly to frame
- Can be used in combination with depth grid straps (top and bottom)
- Allows installation of 19” mounting rails including center support
- Reduced height may allow cable pass through on ganged cabinets

	Overall		For use with Cabinet	
Part No.	H	W	H	D
HSIP145	1143	375	1400	500
HSIP146	1143	475	1400	600
HSIP148	1143	675	1400	800
HSIP165	1343	375	1600	500
HSIP166	1343	475	1600	600
HSIP168	1343	675	1600	800
HSIP184	1543	275	1800	400
HSIP185	1543	375	1800	500
HSIP186	1543	475	1800	600
HSIP188	1573	675	1800	800
HSIP204	1743	275	2000	400
HSIP205	1743	375	2000	500
HSIP206	1743	475	2000	600
HSIP208	1743	675	2000	800
HSIP225	1943	375	2200	500
HSIP226	1943	475	2200	600
HSIP228	1943	675	2200	800

Note: Table dimensions in mm.

Side Mounting Barrier Panels

- Sold individually
- Formed 14 gauge galvanized steel unpainted
- Mounts directly to frame
- Full height and depth panel creating a full barrier between cells
- No provision for depth grid straps or 19” mounting rails
- Can be used as a mounting surface

	Overall		For use with Cabinet	
Part No.	Height	Width	Height	Depth
HSBP145	1293	375	1400	500
HSBP146	1293	475	1400	600
HSBP148	1293	675	1400	800
HSBP165	1493	375	1600	500
HSBP166	1493	475	1600	600
HSBP168	1493	675	1600	800
HSBP184	1693	275	1800	400
HSBP185	1693	375	1800	500
HSBP186	1693	475	1800	600
HSBP188	1693	675	1800	800
HSBP204	1893	275	2000	400
HSBP205	1893	375	2000	500
HSBP206	1893	475	2000	600
HSBP208	1893	675	2000	800
HSBP225	2093	375	2200	500
HSBP226	2093	475	2200	600
HSBP228	2093	675	2200	800

Note: Table dimensions in mm.

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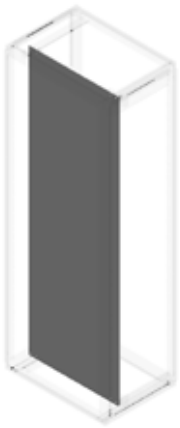

Swing Panel

- Formed 12 gauge galvanized steel unpainted
- Requires Swing Kit sold separately

Accessories

- Swing Kits...*See Page* ***144***

Part No.	Overall Height	Overall Width	For use with Cabinet Height	For use with Cabinet Width
HMEP146	1296	499	1400	600
HMEP148	1296	699	1400	800
HMEP166	1496	499	1600	600
HMEP168	1496	699	1600	800
HMEP186	1696	499	1800	600
HMEP188	1696	699	1800	800
HMEP206	1896	499	2000	600
HMEP208	1896	699	2000	800
HMEP226	2096	499	2200	600
HMEP228	2096	699	2200	800

Note: Table dimensions in mm.

Shelf

- Mounts to internal door channel using 1 or 2 door support rails (sold separately) or directly to a door/side panel using supplied hardware. Can be easily positioned at various heights.
- Opens to 90° or 75° angle and quickly folds down for compact storage.
- 16” wide x 15” deep
- Finished in RAL 7035 light gray.

Part No.	DMS1615

Bridge Panel

- Mounts between inner panels of joined enclosures.
- Formed 12 gauge galvanized steel unpainted.
- 3.75” wide.

Part Number	For Use with Cabinet Height
HMEPB14	1400
HMEPB16	1600
HMEPB18	1800
HMEPB20	2000
HMEPB22	2200

Note: Table dimensions in mm.

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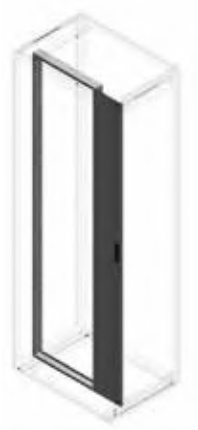
Swing Frame for 19" Mounting

For use with HME Series



- Frame provides 19" rack mounting centers
- Rails punched for square holed cage nuts
- Finished in RAL7035
- Requires Swing Kit sold separately

Accessories

- Swing Kits...*See Page* ***144***

	Overall Dimensions			Rack	For use with Cabinet	
Part No.	Height	Width	Depth	Units	Height	Width
HMESWF166	1494	500	57	32U	1600	600
HMESWF168	1494	704	57	32U	1600	800
HMESWF186	1694	500	57	37U	1800	600
HMESWF188	1694	704	57	37U	1800	800
HMESWF206	1894	500	57	41U	2000	600
HMESWF208	1894	704	57	41U	2000	800
HMESWF226	2094	500	57	45U	2200	600
HMESWF228	2094	704	57	45U	2200	800

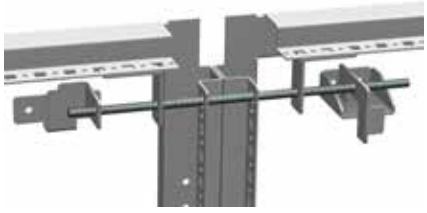
Note: Table dimensions in mm.

Swing Kits

- Used in conjunction with HMEP Swing Panels or HMESWF Swing Frames
- Provides adjustable location for panels and frame front to rear
- Comes complete with all mounting hardware
- Allows for maximum swing of 120° when positioned fully at front of cabinet.
- Finished in RAL7035

Part Number	Description
HMESWK4	Fits 400mm depth frame
HMESWK5	Fits 500mm depth frame
HMESWK6	Fits 600mm depth frame
HMESWK8	Fits 800mm depth frame

Interlock Kit



- Master Interlock Kit- required for master door in system
- Slave Interlock Kit- required for each slave door to be interlocked with master door
- Rod connector kit- required for connecting to slave kit
- Clear zinc plated
- All kits maintain UL/CSA Type 12 approvals

Part Number	Description
HMIK	Master Interlock Kit
HSIK	Slave Interlock Kit
HSCRD	Rod Connector kit 600-1200 wide

Ordering Guide Common assemblies	Required
Single Door (Master Right or left) to Single door Cabinet	Master Interlock Kit
Single Door (Master right) to Double door Cabinet	Master Interlock Kit
Single Door (Master left) to Double door cabinet	Master Interlock Kit + Rod Connector Kit
Double Door (Master Right or Left) to Double door Cabinet	Master Interlock Kit + Rod Connector Kit
Any Additional cabinets to any of the above configurations	Slave + Rod Connector kit

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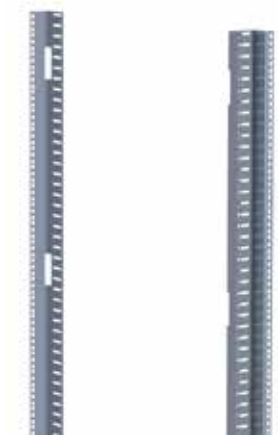

19” Rails and Width Adaptor Kit

- Provides 19” rack mounting centers in 600mm wide cabinets.
- Provides 19” rack mounting centers in 800mm wide cabinets when combined with Width Adapter Kits (Part # HAK19800).
- Can mount directly to frame in full front and full back positions or can have full front to back depth adjustment when used with Depth Grid Straps (sold separately).
- Rails are 12 gauge, include mounting hardware and are clear zinc plated (ZPL) finish.
- Square holed rails with full EIA centers.
- Sold in pairs.

		Mounting Space		
Part Number	Style	U	Inches	Use with H
HPR16SZPL	Panel (L shape)	33	57.75	1600
HPR18SZPL	Panel (L shape)	38	66.5	1800
HPR20SZPL	Panel (L shape)	42	73.5	2000
HPR22SZPL	Panel (L shape)	47	82.25	2200
HCR16SZPL	Combination	33	57.75	1600
HCR18SZPL	Combination	38	66.5	1800
HCR20SZPL	Combination	42	73.5	2000
HCR22SZPL	Combination	47	82.25	2200

Note: Table dimensions in mm.

Part Number	Description
HAK19800	Adapts 800mm wide cabinets to 19” rack mounting (includes 4 brackets)

Inserts

- Standard door hardware is an escutcheon plate with double bit insert.
- A variety of other inserts (and matching keys) available as alternatives.

Part No.	Type	Description
HMESQI7	Insert	For escutcheon - 7mm square
HMESQI8	Insert	For escutcheon - 8mm square
HMETRI6	Insert	For escutcheon - 6.5mm triangle
HMETRI7	Insert	For escutcheon - 7mm triangle
HMETRI8	Insert	For escutcheon - 8mm triangle
HMEDBPI	Insert	For escutcheon - double bit w/3mm pin
HMESLCPI	Insert	For escutcheon - slot - coin proof
HMENLINS	Insert	For HMEHLKL non-locking insert
2SQK7	Key	For escutcheon - 7mm square
HMESQK8	Key	For escutcheon - 8mm square
HMETRK6	Key	For escutcheon - 6.5mm triangle
2TRK7	Key	For escutcheon - 7mm triangle
HMETRK8	Key	For escutcheon - 8mm triangle
HMEDBPK	Key	For escutcheon - double bit w/3mm pin
PMKEY	Key	For escutcheon - standard double bit

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Copper Busbar

Details

- The GRDBAR Series comes in vertical, horizontal mounting as well as horizontal rack mounting.
- The grounding bar is made from heavy-gauge copper that attaches to the inside of an enclosure, cabinet or open frame rack to provide consolidated equipment grounds.
- Ground points have been drilled and tapped to accommodate a #10-32 screw (included).
- Use with our Ground Wire Kits to bond your equipment to the busbar.

HME Busbar Specifications:

- Constructed of Solid 0.125" Copper with 10-32 drilled and tapped holes and
- 1-0.312 main ground point.
- Mounts directly to grid straps or frame mounting surface.
- Busbar kit includes (quantities depend on product)
  - 1x Copper Busbar
  - 10-32 x 0.5 Screws
  - Flat Washers

Rack Mount Busbar Specifications:

- Available in both 19 and 23 inch rack mounting widths.
- Constructed of Solid 0.188" Copper Bar
- Includes ten (10) 10-32 drilled and tapped holes spaced at one (1) inch.
- Includes two (2) Ø 0.31 ground lug holes.
- Mounts directly to EIA mounting rails.
- Busbar kit includes:
  - 1x Copper Busbar
  - 10x 10-32 x 0.375" Screws
  - 2x 10-32 x 0.625" Screws
  - 2x 12-24 x 0.625" Screws
  - 2x 0.25" Flat Washers
  - 12x #10 Flat Washers
  - 1x Instruction bulletin

Horizontal HME Copper Busbar

Part Number	Length	For Use With Enclosure Width	Number of Ground Points	Series Compatibility
GRDBAR600	400	600	Qty 9 - 10-32	HME
GRDBAR800	600	800	Qty 18 - 10-32	HME

Note: Table dimensions in mm.

Vertical HME Copper Busbar

Part Number	Height	For Enclosure Height	Number of Ground Points	Series Compatibility
GRDBARV14	1270	1400	Qty 8 - 10-32	HME
GRDBARV16	1473	1600	Qty 10 - 10-32	HME
GRDBARV18	1676	1800	Qty 12 - 10-32	HME
GRDBARV20	1880	2000	Qty 12 - 10-32	HME
GRDBARV22	2083	2200	Qty 14 - 10-32	HME

Note: Table dimensions in mm.

Horizontal Rack Mount Copper Busbar

	Overall Dimensions			Mounting Dimensions		Number of	Ground
Part No.	Height	Width	Depth	Height	Width	Ground Points	Lug Holes
GRDBAR19	0.75	19.00	0.19	0.75	19.00	Qty 10 - 10-32	Qty 2 Ø 0.31
GRDBAR23	0.75	23.00	0.19	0.75	23.00	Qty 10 - 10-32	Qty 2 Ø 0.31

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HME Handles

- Standard escutcheon plate and insert can be replaced with several handle options.
- Die cast Swing Handles (black) open door with a rotating motion, are key-locking and available with padlocking feature.
- Heavy duty die cast Lift Handles (light gray) open door with an ergonomic lift up motion and are offered in key-locking and non-locking versions.

Part Number	Description
HMEHSKL	Diecast swing handle with key locking (black)
HMEHSKLPL	Diecast swing handle with key locking and padlockable (black)
HMEHLKL	Diecast lift handle with key locking (RAL7035 Gray)
HMEHLNL	Diecast lift handle non-locking (RAL7035 Gray)

Light Kit Brackets

- Designed for mounting to HME frame assembly
- Brackets accept either Fluorescent or LED light kits
- 1.5” x 9”
- Sold in pairs
- Clear coat plated finish

Part No.	FLMTGBRK

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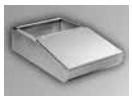
Operator Interface Enclosures

Type 4, 4X Mild Steel and Stainless Steel Base Units
Series 2000
Modular Console System 150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Type 4, 4X Mild Steel and Stainless Steel Consolet
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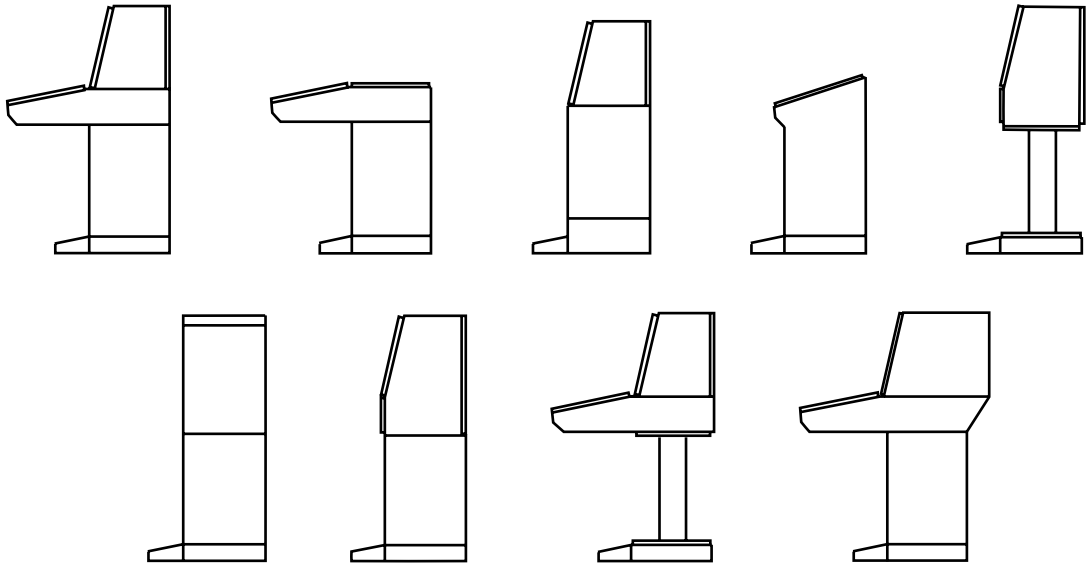
Configurations

Series 2000 Modular Console System

The Series 2000 Modular Console System offers designers numerous assembly and configuration choices. This system allows units to be “stacked” in multiple combinations to provide equipment support and display functions exactly where you want them.



How to Configure your System

To configure your system you’ll need to go through the following steps:

Step 1 - Protection requirements

- Type 4 RAL 7035 light gray = “2CL…” part numbers
- Type 4X stainless steel = “2CS…” part numbers

Step 2 - Width requirements (24, 36, 48, 60 inch)

Step 3 - Basic component requirements:

- Bottom - (a) base, (b) dual access base, or (c) pedestal
- Top - (a) standard desk and desk cover, (b) deep desk and desk cover, (c) standard turret, (d) deep turret, (e) standard desk/turret combination, (f) deep desk/turret combination, (g) another base and base cover, or (h) data terminal
- Stand Alone - Consolet

Step 4 - External Accessories (if applicable): plinth, footrest, window doors or depth extension

Step 5 - Internal Accessories (if applicable): electrical mounting panels, electronic mounting rails, swing frames, etc.

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Type 4, 4X Mild Steel and Stainless Steel Base Units *Series 2000*

Modular Console System

Quick Link: hammfg.com/S2CB

Application

- Flexible design provides panel mount or rack mount capabilities for a variety of applications.
- Generally used in combination with other modular console components (ie. another base, terminal, desk and/or turret).
- Available in either single or dual access format.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4,12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel door.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel door.
- Smooth, continuously welded seams.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24”, 36”, 48” and 60”.
- Single access version has solid sides and back, solid door on front, open top, and closed bottom with removable access panel.
- Dual access version is same as above except has solid door on both front and back.
- 24” and 36” widths have single door on the front (and back for dual access) whereas 48” and 60” widths have two outside hinged doors on the front (and back for dual access).
- Doors can be hinged from either side on 24” and 36” units.
- Door profiles provide increased strength and are pre-punched to provide mounting options.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting of various accessories.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- Base Covers are available in the same finishes.

Accessories

- S2000 Internal Components...*See Page* ***155***
- S2000 External Components...*See Page* ***159***
- Quarter Turn Assemblies...*See Page* ***273***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

Single Access

RAL 7035 Light Gray	Stainless Steel	Enclosure		
Part No.	Part No.	H	W	D
2CLB262418	2CSB262418	26.00	24.00	17.30
2CLB263618	2CSB263618	26.00	36.00	17.30
2CLB264818	2CSB264818	26.00	48.00	17.30
2CLB266018	2CSB266018	26.00	60.00	17.30

Dual Access

RAL 7035 Light Gray	Stainless Steel	Enclosure		
Part No.	Part No.	H	W	D
2CLBX262418	2CSBX262418	26.00	24.00	16.50
2CLBX263618	2CSBX263618	26.00	36.00	16.50
2CLBX264818	2CSBX264818	26.00	48.00	16.50
2CLBX266018	2CSBX266018	26.00	60.00	16.50

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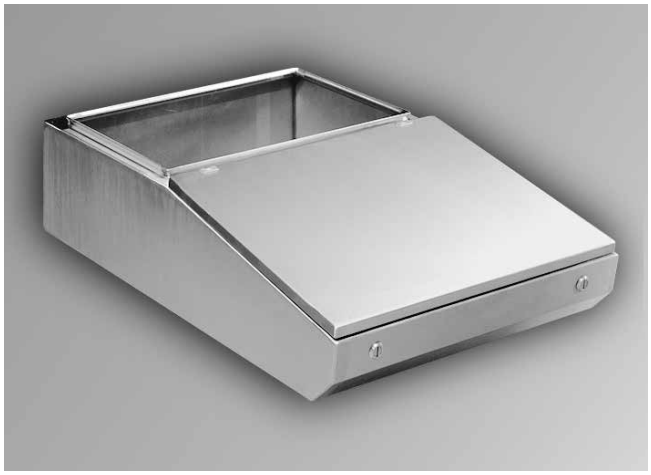
Type 4, 4X Mild Steel and Stainless Steel Desk Units *Series 2000*

Modular Console System



Quick Link: hammfg.com/S2CD

Application

- Generally used in combination with other modular console components (ie. base, pedestal, and/or turret).
- Provides an ideal sloped surface for mounting keyboards, switches, indicator lights, and/or dials.
- Open top permits mounting of a turret (usually for CRT applications) or an optional hinged desk cover (providing a flat, sturdy desk surface).
- Available in either Standard (will support Standard Turret only) or Deep (will support Deep Turret only) format.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4,12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel lid.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel lid.
- Smooth, continuously welded seams without knockouts or holes.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24”, 36”, 48” and 60”.
- Solid sides and back, lid on sloped top area, open on flat top area, bottom is solid under lid area and open under flat top area.
- Deep Desk has a 6.7” deeper top opening than standard desk allowing for support of Deep Turret - see drawings as Deep Desk has different profile (angled back) from Standard Desk (flat back.)
- Lid profiles provide increased strength.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the lid, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting Desk Inner Panel.
- A bonding screw is provided on the lid and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- Desk covers available in same finishes.

Accessories

- Desk Cover...*See Page* ***161***
- Desk Inner Panel...*See Page* ***155***

Standard Depth Desk

RAL 7035 Light Gray	Stainless Steel	Enclosure		
Part No.	Part No.	H	W	D
2CLD82436	2CSD82436	8.50	24.00	36.68
2CLD83636	2CSD83636	8.50	36.00	36.68
2CLD84836	2CSD84836	8.50	48.00	36.68
2CLD86036	2CSD86036	8.50	60.00	36.68

Extra Deep Desk

RAL 7035 Light Gray	Stainless Steel	Enclosure		
Part No.	Part No.	H	W	D
2CLD82443	2CSD82443	8.50	24.00	43.38
2CLD83643	2CSD83643	8.50	36.00	43.38
2CLD84843	2CSD84843	8.50	48.00	43.38
2CLD86043	2CSD86043	8.50	60.00	43.38

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4, 4X Mild Steel and Stainless Steel Turret Units *Series 2000*

Modular Console System

Quick Link: hammfg.com/S2CT

Application

- Ideal as a housing for video screens.
- Flexible design provides panel mount or rack mount capabilities for a variety of applications.
- Generally used in combination with other modular console components (ie. base, pedestal, and/or desk).
- Available in either Standard (supported by Base, Pedestal, or Standard Desk) or Deep (supported by Deep Desk only) format.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4,12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel doors. Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel doors.
- Smooth, continuously welded seams without knockouts or holes.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24”, 36”, 48” and 60”.
- Features solid sides and top, solid door on front (opens down) and back (opens up), and open bottom.
- Front door features sliding rod mechanism, which allows a 102º opening when in the lowered position.
- Rear door features manual, 3 position adjustable door stop which provides convenient support while door in open position.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting of various accessories.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- 24” Front Window Door available in same finishes.

Accessories

- S2000 Internal Components...*See Page* ***155***
- S2000 External Components...*See Page* ***159***
- Quarter Turn Assemblies...*See Page* ***273***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

Standard Depth Turret

RAL 7035 Light Gray	Stainless Steel	Enclosure			
Part No.	Part No.	H	W	D1	D2
2CLT202436	2CST202436	20.00	24.00	12.38	16.62
2CLT203636	2CST203636	20.00	36.00	12.38	16.62
2CLT204836	2CST204836	20.00	48.00	12.38	16.62
2CLT206036	2CST206036	20.00	60.00	12.38	16.62

Extra Deep Turret

RAL 7035 Light Gray	Stainless Steel	Enclosure			
Part No.	Part No.	H	W	D1	D2
2CLT202443	2CST202443	20.00	24.00	16.62	23.31
2CLT203643	2CST203643	20.00	36.00	16.62	23.31
2CLT204843	2CST204843	20.00	48.00	16.62	23.31
2CLT206043	2CST206043	20.00	60.00	16.62	23.31

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Type 4, 4X Mild Steel and Stainless Steel Consolet *Series 2000*

Modular Console System

Quick Link: hammfg.com/S2CC

Application

- Serves as an economical housing for operator interface applications.
- Provides an ideal sloped surface for mounting keyboards, switches, indicator lights, and/or dials.
- Provides panel mounting capabilities for a variety of applications. Generally used as a stand alone enclosure. Possible to put side by side with base on a single plinth (ie. 36" wide consolet with 24" base with terminal all together on a 60" plinth.
- Optional casters (require plinth) allow for a completely mobile, NEMA rated work station.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4,12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel door and lid.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel door and lid.
- Smooth, continuously welded seams without knockouts or holes.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24", 36", 48" and 60".
- Has solid sides and back, solid door on front, 3 point adjustable lid on sloped (20°) top, and closed bottom with removable access panel.
- 24" and 36" widths have single door on the front whereas 48" and 60" widths have two outside hinged doors on the front.
- Doors can be hinged from either side on 24" and 36" units.
- Door profiles provide increased strength and are pre-punched to provide mounting options.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door and lid, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features internal stud locations for mounting optional inner panel.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.

Accessories

- Consolet Panel...*See Page* ***155***
- Quarter Turn Assemblies...*See Page* ***273***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Modular Plinth...*See Page* ***160***
- Footrest...*See Page* ***160***
- Climate Control...*See Page* ***234***
- Padlock Adaptor...*See Page* ***272***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

RAL 7035 Light Gray	Stainless Steel	Enclosure			
Part No.	Part No.	H1	H2	W	D
2CLC2024	2CSC2024	30.36	38.03	24.00	17.30
2CLC2036	2CSC2036	30.36	38.03	36.00	17.30
2CLC2048	2CSC2048	30.36	38.03	48.00	17.30
2CLC2060	2CSC2060	30.36	38.03	60.00	17.30

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Type 4, 4X Mild Steel and Stainless Steel Terminal *Series 2000*

Modular Console System

Quick Link: hammfg.com/S2CDT

Application

- Ideal as a housing for a complete personal computer system including video screen, keyboard and PLC.
- Flexible design provides panel mount or rack mount capabilities for a variety of applications.
- Generally used in combination with other modular console components (ie. base or pedestal). Mounting on base provides extra room for PLC's and/or printer-paper stands.
- Optional casters (require plinth) allow for a completely mobile, NEMA rated work station.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4,12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel doors.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel doors.
- Smooth, continuously welded seams.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 24" width only.
- Features solid sides and top, 2 solid doors on front (both open downlower, smaller door for keyboard shelf) and back (opens up), and open bottom.
- Lower drop down door provides access to optional slide-out keyboard drawer.
- Front doors feature sliding rod mechanism which allows a 102° opening when in the lowered position.
- Rear door features manual, 3 position adjustable door stop which provides convenient support while door in open position.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting of various accessories.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- 24" Front Window Door available in same finishes.

Accessories

- S2000 Internal Components...*See Page* ***155***
- S2000 External Components...*See Page* ***159***
- Quarter Turn Assemblies...*See Page* ***273***
- Quarter Turn Inserts and Keys...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

RAL 7035 Light Gray	Stainless Steel	Enclosure			
Part No.	Part No.	H	W	D1	D2
2CLD24R	2CSD24R	28.50	24.00	16.63	12.38

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Base Panel

- 14 gauge steel panels are finished in white.
- Used in both single access and dual access bases.
- Available in 4 widths.
- Mounts into “C” Channel Mounting Kit (not included.)
- Hardware required for mounting into “C” channels is included.

	Fits Base			
Part No.	Width	Height	Width	Depth
2CWBP24	24.00	22.50	20.00	0.75
2CWBP36	36.00	22.50	32.00	0.75
2CWBP48	48.00	22.50	44.00	0.75
2CWBP60	60.00	22.50	56.00	0.75

Consolet Panel

- 12 gauge steel panels.
- Available in 4 widths.
- Mounts onto panel mounting studs in consolet.
- Finished in white.

	Fits			
Part No.	Consolet Width	Height	Width	Depth
2CWCP24	24.00	30.50	20.50	0.75
2CWCP36	36.00	30.50	32.50	0.75
2CWCP48	48.00	30.50	44.50	0.75
2CWCP60	60.00	30.50	56.50	0.75

Desk Inner Panel

- 12 gauge steel panels.
- Used in both Standard and
- Deep desks.
- Available in 4 widths.
- Mounts horizontally onto panel mounting channels in bottom of desk.
- Finished in white.

	Fits			
Part No.	Consolet Width	Height	Width	Depth
2CWDP24	24.00	0.50	22.00	16.00
2CWDP36	36.00	0.50	34.00	16.00
2CWDP48	48.00	0.50	46.00	16.00
2CWDP60	60.00	0.50	58.00	16.00

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Data Subject to change without notice

Terminal Keyboard Shelf

- Designed specifically for use in Data Terminal.
- Sloped wrist rest provides comfort for operator.
- Locks in place when extended.
- 20” width accommodates standard width keyboards.
- Finished in textured black.
- Slides included.
- Slide-out mouse pad (left or right) included.

Part No.	Height	Width	Depth
2CWDSR	3.88	20	15.63

Swing Frame

For use with Series 2000 Enclosures

- Available in 19” and 24” widths.
- Variable depth feature allows front to rear adjustment.
- Installs with either left or right hinging.
- Mounts onto Rail Support Kits (not included).
- Clip nuts required for mounting to punched rails.
- Finished in textured black.

			Panel			
Part No.	Fits Console Unit	Fits Console Size	Width	Height	A	B
2CSFT19	Turrets/Terminal	24,36,48,60	19”	8U	15.75	19.28
2CSFT24	Turrets/Terminal	36,48,60	24”	8U	15.75	24.28
2CSFB19	Bases	24,36,48,60	19”	12U	22.09	19.28
2CSFB24	Bases	36,48,60	24”	12U	22.09	24.28

“C” Channel Mounting Kit

- For use in Turrets, Data Terminals and Bases.
- Provide adjustable (side to side) mounting support for Base Panels and all Rail Support Kits.
- Available in 4 widths.
- Finished in textured black.

Part No.	Fits Console Width	A
2CMC24	24.00	23.50
2CMC36	36.00	33.50
2CMC48	48.00	47.50
2CMC60	60.00	59.50

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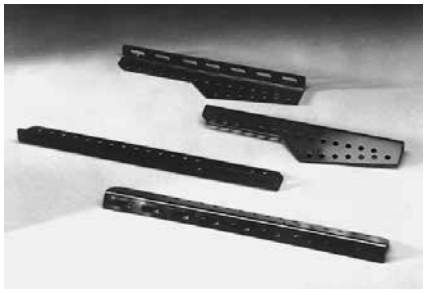
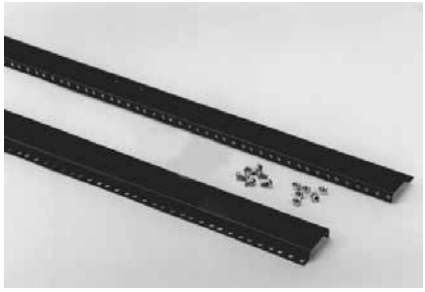
Rail Support Kit



- Separate kits for Standard Turret/Data Terminal, Deep Turret and Bases.
- For use with Swing Frame, CRT Mounting Kit and Combination Rails.
- Mount into “C” channels (not included).
- Finished in textured black.

Part No.	Fits Console Unit
2CTRSK36	Turret/Terminal
2CTRSK43	Deep Turret
2CBRSK	Base

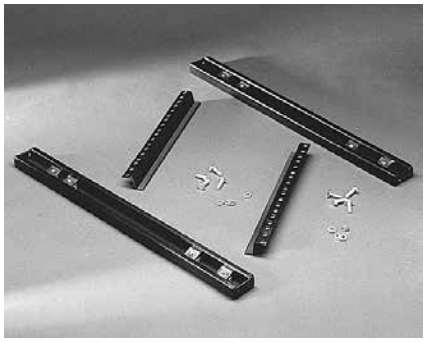
Combination Rails



- Features punched universal EIA spacing.
- Mounts onto Rail Support Kits (not included - see above).
- Clip nuts required for mounting to punched rails
- Finished in black.

Part No.	Units	Fits Console Unit
2CTRK	9	Turrets/Terminal
2CBRK	13	Base

CRT Mounting Kit



- Adjustable width allows for mounting of most CRT models.
- For use in Turrets or Data Terminal.
- Mounts onto Rail Support Kits (not included - see above).
- Finished in textured black.

Part No.	2CRTK

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Printer and Paper Stand

- Provides convenient pullout access and support for printers in bases.
- Two versions available for high or low applications.
- Mounts onto Combination Rails (not included).
- Finished in textured black.
- Slides included.

Part No.	Description	Height
2CLPS	Low Printer Stand	7.00
2CHPS	High Printer Stand	12.25

Gas Filled Door Support

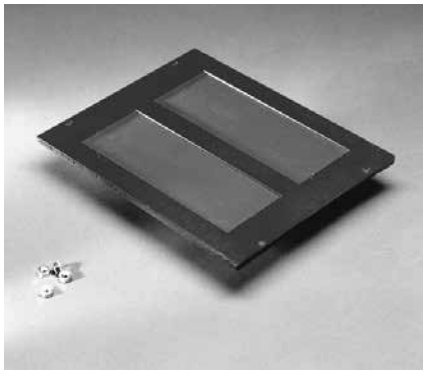
- Provide “lift assist” and door support for rear Turret/Data Terminal doors and Desk lids.
- Replace standard manual door supports.
- Minimum enclosure width of 16” is required
- Finished in black.
- Sold individually.
- Recommend 1 for 24”/36” and 2 for 48”/60”.

Part No.	2CDSTP

DIN Rail Support Kit

- Provide adjustable mounting support for DIN rails (sold separately.)
- For use in Bases only.
- Mount into “C” channels (not included).

Part No.	2CDMK



Micro Cell Cable Entry Kit

- For use in Single or Dual Access Bases.
- Constructed of 14 gauge steel.
- Features 2 cutouts for cable access.
- Underside of cutouts covered with black foam rubber, which when punctured for cable access, still maintains a virtually sealed bottom.
- Finished in textured black.

Part No.	2CMBPK

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Data Subject to change without notice

Mobile Keyboard Support

- Installs easily at any location along front of Desks or Consolet.
- Provides temporary keyboard support.
- 20” width accommodates standard width keyboards.
- Finished in textured black.

Part No.	2CMKS75

Pedestal

- Maintains NEMA rating of system.
- Formed 14 gauge steel.
- Also offered with formed 14 gauge stainless steel.
- Stiffeners added for solid stability.
- Open top and bottom provides an unobstructed wireway for pull through cabling.
- Can be mounted directly on floor or on a plinth.
- Available in light gray and stainless steel.

Part No.	Finish
2CLS	RAL7035 Light Gray
2CSS	Stainless Steel

Data Terminal Extension Ring

- Formed 14 gauge steel.
- Adds 6” to Data Terminal Depth.
- Maintains NEMA rating.
- Utilizes door from Data Terminal.
- Fastens flush to back of Data Terminal.
- Available in light gray and natural stainless steel.

Part No.	Finish
2CLD24X	ANSI 61 Gray (smooth)
2CSD24X	Stainless Steel

Turret/Terminal Window Door

- Maintains the NEMA rating of the enclosure.
- Constructed of 14 gauge steel and lexan window.
- Easy field installation.
- Fits Standard Turret, Deep Turret, and Data Terminal.
- Offered in 24” width only.
- Available in light gray and stainless steel.

Part No.	Finish
2CLTW24	RAL7035 Light Gray (textured)
2CSTW24	Stainless Steel

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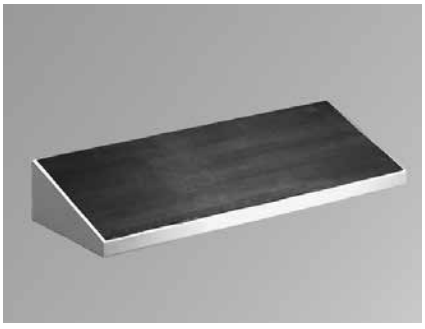
Data Subject to change without notice

Modular Plinth

- Features removable front and rear panels for easy access to bottom for cabling or transport by forklift.
- For cable access, features 3 double knockouts on each end.
- Available in 4” and 8” heights.
- Available in 24”, 36”, 48” and 60” widths.
- Maintains NEMA rating of system.
- Formed 14 gauge steel.
- Also offered with formed 14 gauge stainless steel.
- Available in light gray and stainless steel.

RAL 7035 Light Gray Part No.	Stainless Steel Part No.	A	B1	B2
2CLP42418	2CSP42418	4.00	24.00	-
2CLP43618	2CSP43618	4.00	36.00	-
2CLP44818	2CSP44818	4.00	-	48.00
2CLP46018	2CSP46018	4.00	-	60.00
2CLP82418	2CSP82418	8.00	24.00	-
2CLP83618	2CSP83618	8.00	36.00	-
2CLP84818	2CSP84818	8.00	-	48.00
2CLP86018	2CSP86018	8.00	-	60.00

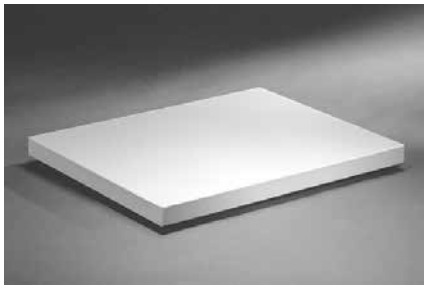
Footrest



- Generally used in combination with plinth.
- Provides a raised foot support to relieve back stress.
- Gives the installation a “finished” appearance.
- Available in 24”, 36”, 48” and 60” widths.
- Maintains NEMA rating of system.
- Formed 14 gauge steel.
- Also offered with formed 14 gauge stainless steel.
- Rubber tread for added traction on footrest surface.
- Available in light gray and natural stainless steel.

RAL 7035 Light Gray Part No.	Stainless Steel Part No.	B
2CLF24	2CSF24	24.00
2CLF36	2CSF36	36.00
2CLF48	2CSF48	48.00
2CLF60	2CSF60	60.00

Base Cover



- Should be used to close top opening (of either single or dual access) base when no other components are mounted on the base’s top.
- Constructed of 14 gauge steel.
- Available light gray and stainless steel.
- Can also be used on the underside of a Standard Desk Unit, Standard Turret and Data Terminal.

RAL 7035 Light Gray Part No.	Stainless Steel Part No.	B
2CLBC2436	2CSBC2436	24.00
2CLBC3636	2CSBC3636	36.00
2CLBC4836	2CSBC4836	48.00
2CLBC6036	2CSBC6036	60.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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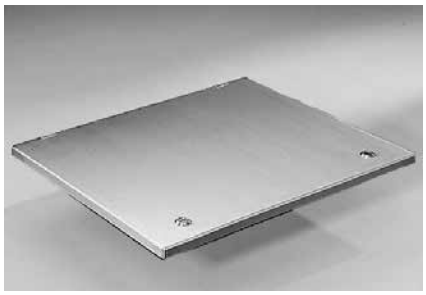
Desk Cover



- For use when no turret is used on top of desk.
- Provides a hinged, flat, sturdy desk surface.
- Available for either Standard or Deep desks.
- Constructed of 14 gauge steel.
- Features quarter turn latches for easy access into flat desk top.
- Available in light gray and stainless steel.

RAL 7035 Light Gray Part No.	Stainless Steel Part No.	B1	B2	B3	C
Standard Depth Desk Cover					
2CLDC2436	**2CSDC2436**	23.75	-	-	16.38
2CLDC3636	**2CSDC3636**	-	35.75	-	16.38
2CLDC4836	**2CSDC4836**	-	-	47.75	16.38
2CLDC6036	**2CSDC6036**	-	-	59.75	16.38
Deep Depth Desk Cover					
2CLDC2443	**2CSDC2443**	23.75	-	-	24.03
2CLDC3643	**2CSDC3643**	-	35.75	-	24.03
2CLDC4843	**2CSDC4843**	-	-	47.75	24.03
2CLDC6043	**2CSDC6043**	-	-	59.75	24.03

Base Window Door

- Maintains the NEMA rating of the enclosure.
- Constructed of 14 gauge steel and lexan window.
- Easy field installation.
- Available for the 4 base widths.
- On 2 door units, a window can be installed on one side only.
- Available in light gray and stainless steel.

RAL 7035 Light Gray Part No.	Stainless Steel Part No.	Fits Base Width	B	C
2CLBW24	**2CSBW24**	24.00	23.75	16.75
2CLBW36	**2CSBW36**	36.00	35.75	28.75
2CLBW48	**2CSBW48**	48.00	23.75	16.75
2CLBW60	**2CSBW60**	60.00	29.75	22.75

Console Casters

- Locking and non-locking versions.
- Mount directly to plinths.
- Sold in pairs to provide ability to mix locking and non-locking.
- Recommend 4 casters for 24”/36” and 6 casters for 48”/60”.
- Weight capacity of 500 lbs. per pair.

Part No.	Type	No. of Casters
2CCSTL	Locking	2
2CCSTN	Non-Locking	2

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 12 Consolets *1488 Series*

Hinged Cover

Quick Link: hammfg.com/1488

Application

- Designed for use as electric, hydraulic or pneumatic control and instrument enclosures.
- Ideal for flat or surface mounting/pedestal to provide the necessary 30° or 60° control slope.
- Provides protection from dirt, dust, oil and water.

Standards

- UL 508A Type 12, 13
- CSA Type 12, 13
- Complies with
  - NEMA Type 12, 13
  - IEC 60529, IP54

Construction

- Formed 14 gauge steel.
- Smooth, continuously welded seams.
- Construction provides either 30° or 60° slope on front cover depending on mounting position.
- Continuously hinged cover may be removed by pulling the hinge pin.
- Captive cover screws thread into sealed wells.
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a ground stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories

- Pedestal and Base...*See Page* ***303***
- Climate Control...*See Page* ***234***
- General Accessories...*See Page* ***268***

	Enclosure				
Part No.	Cover H	H1	H2	W	D
1488EE7	8.00	2.50	7.16	8.00	7.44
1488EH7	8.00	2.50	7.16	12.00	7.44
1488EJ7	8.00	2.50	7.16	16.00	7.44
1488EL7	8.00	2.50	7.16	20.00	7.44
1488HH9	12.00	2.50	9.16	12.00	10.90
1488HJ9	12.00	2.50	9.16	16.00	10.90
1488HL9	12.00	2.50	9.16	20.00	10.90
1488HN9	12.00	2.50	9.16	24.00	10.90
1488JJ11	16.00	2.50	11.16	16.00	14.37
1488JL11	16.00	2.50	11.16	20.00	14.37
1488JN11	16.00	2.50	11.16	24.00	14.37
1488JQ11	16.00	2.50	11.16	30.00	14.37
1488JS11	16.00	2.50	11.16	36.00	14.37
1488LL13	20.00	2.50	13.16	20.00	17.83
1488LN13	20.00	2.50	13.16	24.00	17.83
1488LQ13	20.00	2.50	13.16	30.00	17.83

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Console Cabinet *1471 Series*

Sloped Front, Continuous Hinged Cover

Quick Link: hammfg.com/1471

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Heavy-duty construction provides protection from dirt, dust, oil and water.
- Sloping front control panel provides an ideal surface for mounting operator controls or instrumentation.
- Interior mounting provision on removable inner panels located on the rear and sides of the enclosure.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Formed 14 gauge steel.
- Smooth, continuously welded seams, without knockouts, cutouts or holes.
- Sloped front instrument panel is continuously hinged on the front (bottom) edge and secured with captive panel screws, threaded into sealed wells.
- Continuously hinged door and front instrument panel may be removed by pulling the hinge pin.
- Doors are secured with a three point latch and operated with a key locking automotive type handle.
- Oil resistant gaskets are permanently secured.
- Includes three removable inner panels formed from 12 gauge steel, mounted to the back and sides of the enclosure interior.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating on the outside and on the inside.
- Removable inner panels are finished in white powder coating.

Accessories

- Door Stop Kit...*See Page* ***304***
- Type 12 Handle Kits...*See Page* ***271***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

	Enclosure				Panel	
Part No.	H1	H2	W	D	H	W
1471C24	32.00	48.00	24.00	18.00	27.00	17.00
1471C36	32.00	48.00	36.00	18.00	27.00	29.00

Technical references and CAD downloads available at www.hammondmfg.com

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Type 12 Modular Console Cabinet *1472 Series*

Sloped Front

Quick Link: hammfg.com/1472

Application

- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Heavy-duty construction provides protection from dirt, dust, oil and water. Sloping front control and instrument panels provide an ideal surface for mounting operator controls or instrumentation.
- Interior mounting is provided for with a removable inner panel located on the rear of the basic console.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP65

Base Console Construction

- Formed 14 gauge steel.
- Smooth, continuously welded seams, without knockouts, cutouts or holes.
- Sloped front instrument panel is continuously hinged on the front (bottom) edge and secured with captive panel screws, threaded into sealed wells.
- Front instrument panel may be removed by pulling the hinge pin.
- Flush doors are secured with a three point latch and operated with a key locking automotive type handle.
- Two door model has overlapping front doors, with three point latch on right door.
- Oil resistant gaskets are permanently secured.
- Includes a removable inner panel formed from 12 gauge steel, mounted to the back of the enclosure interior.
- Collar studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Turret Construction

- Formed and welded from 14 gauge steel.
- Sloping instrument panel and vertical rear access are completely removable.
- Captive panel screws fasten into sealed wells.

Writing Surface Construction

- Formed and welded from 14 gauge steel.
- Fastens to the front of the console with screws

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating on the outside and on the inside.
- Removable inner panels are finished in white powder coating.

Accessories

- Door Stop Kit...*See Page* ***304***
- Type 12 Handle Kits...*See Page* ***271***
- Window Kits...*See Page* ***294***
- Climate Control...*See Page* ***234***
- Lighting...*See Page* ***298***
- General Accessories...*See Page* ***268***

Base Console

	Enclosure					Panel	
Part No.	H1	H2	W	D1	D2	H	W
1472-24[1]	36.00	40.00	24.00	17.00	20.00	18.75	27.25
1472-36[1]	32.00	36.00	36.00	20.00	24.00	30.00	32.00
1472-48[1,2]	32.00	36.00	48.00	20.00	24.00	42.00	32.00

[1] UL Listed
[2] 2 Door Version

Turret

Part No.	H	W	D1	D2
1472-24T	16.00	24.00	5.00	3.00
1472-36T	20.00	36.00	10.00	6.00
1472-48T	20.00	48.00	10.00	6.00

Writing Surface

Part No.	H	W	D
1472-24W	4.00	24.00	10.00
1472-36W	4.00	36.00	10.00
1472-48W	4.00	48.00	10.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Eclipse Command System - NEMA 12 *ECP Series*

Command Enclosure

Quick Link: hammfg.com/ECP

Application

- Designed to enclose electronic controls, instruments and components in indoor environments where dirt, dust, oil and water may be present.
- Ideal for use with suspension systems.
- Multiple mounting provisions and full front mounting space provide for ideal operator interface.
- Smooth flush surfaces and attractive finishes compliment high tech equipment.

	Enclosure			Optional Panel
Part No.	H	W	D	Part No.
ECP12126	12.00	12.00	6.00	ECPP1212
ECP12168	12.00	16.00	8.00	ECPP1216
ECP161610	16.00	16.00	10.00	ECPP1616
ECP162010	16.00	20.00	10.00	ECPP1620
ECP20246	20.00	24.00	6.00	ECPP2024
ECP202412	20.00	24.00	12.00	ECPP2024

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

Construction

- Formed from 16 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Reversible rear door is secured with slotted quarter turn fasteners.
- Door frames have zinc die-cast corners with extrusion pressed aluminum profiles.
- Door front panels are 3mm aluminum.
- Oil resistant gaskets are permanently secured.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Quarter turn latches formed from mild steel.
- Formed steel hinge with stainless steel hinge pins.
- Fastening is recommended with optional Tara Plus or 50/80 suspension systems.
- Optional red handle easily mounts horizontally to bottom of enclosure front frame. Order separately.
- Heavy duty re-inforcing plate included.

Finish

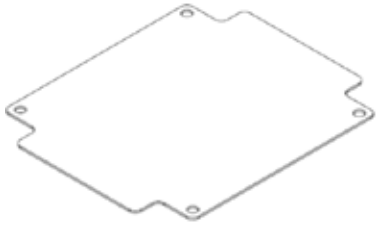
- Finished in RAL 7040 gray powder coating.
- Door panel is natural aluminum.

Eclipse Command System Handle

- Easily mounts horizontally to bottom of enclosure front frame.
- Finished in red.

Part No.	Fits Enclosure
ECPH12	ECP12126
ECPH16	ECP12168, ECP161610
ECPH20	ECP1620
ECPH24	ECP202412, ECP20246

Eclipse Command System Inner Panel



- Panel mounts on the rear door of command enclosures.
- Unfinished aluminum is 0.08" thick.

Part No.	H	W
ECPP1212	10.00	8.25
ECPP1216	10.00	12.25
ECPP1616	14.00	12.25
ECPP1620	14.00	16.25
ECPP2024	18.00	20.25

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Tara Plus Suspension System *TPSS Series*

NEMA 12, 13

Quick Link: hammfg.com/TPSS

Application

- Taraplus enclosure suspension systems are designed for light and medium loads.
- The strength of tube and cast fittings provide a highly flexible robust system.

Standards

- Complies with
  - IEC 60529 IP54

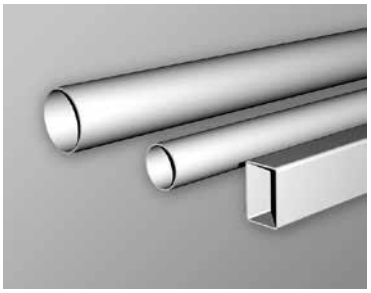
Construction

- Enclosure coupling and elbow coupling fittings are die-cast from G AL SI 12 aluminum.
- Suspension tubing is steel.

Finish

- Fittings are finished in RAL 7040 window gray.
- Suspension tubing is RAL 7035 light gray.

Tara Plus Suspension Tube



Part No.	Outside mm	Inside mm	Tolerance	Length Metres	Feet
Round Tubes					
R144-301-000	48	42	±0.25	1	3.28
R144-321-000	70	62	±0.25	1	3.28
R144-321-500	70	62	±0.25	1.5	4.92
Rectangular Tubes					
R144-311-000	60 x 40	54 x 34	±0.50	1	3.28
R144-311-500	60 x 40	54 x 34	±0.50	1.5	4.92

Tara Plus Coupling

- Attaches to enclosure.
- Accepts 48mm round tube. perpendicular to enclosure top/ bottom.
- Die-cast Aluminum G Al Si 12.
- Adjustable torque resistance.
- Rotates 300°.

Part No.	Mounting Position
R149-025-500	Top
R149-025-501	Bottom

Tara Plus Tilt Coupling

- Attaches to enclosure.
- Accepts 48mm round tube perpendicular to enclosure top/ bottom.
- Die-cast Aluminum G Al Si 12.
- Rotates 300°.
- Features an adjustable tilt mechanism up to 35°.

Part No.	R149-025-001

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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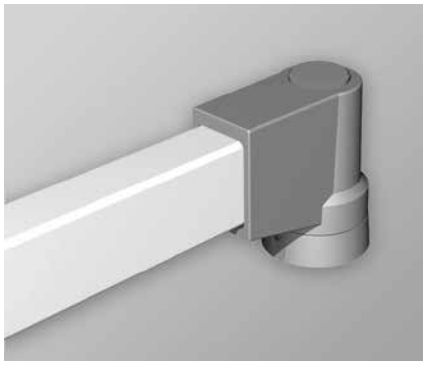
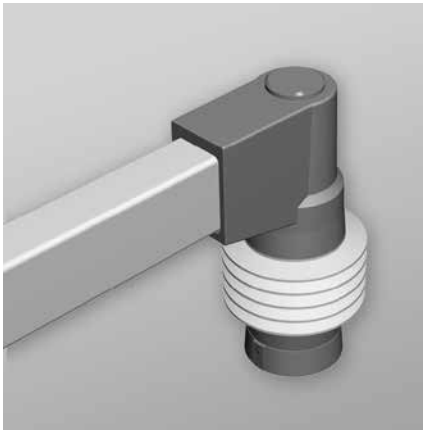
Tara Plus Elbow Coupling



- Attaches to enclosure.
- Accepts 60x40mm rectangular tube parallel to enclosure top/ bottom.
- Die-cast Aluminum G Al Si 12.
- Adjustable torque resistance.
- Rotates 300°.
- Accessible from the top.

Part No.	R149-035-000

Tara Plus Tilt Elbow Coupling



- Attaches to enclosure.
- Accepts 60x40mm rectangular tube parallel to enclosure top/ bottom.
- Die-cast Aluminum G Al Si 12.
- Rotates 300°.
- Features an adjustable tilt. mechanism up to 35°.

Part No.	R149-035-001

Tara Plus Fixed Elbow 48

- For use with 48mm round tube and 60x40mm rectangular tube.
- Vertical 48mm tube connection for use with Couplings only (not Base 48).
- Die-cast Aluminum G Al Si 12.
- Large cover opening for easier cable pull through.
- No rotation.
- Accessible from the top.

Part No.	R149-020-000

Tara Plus Fixed Elbow 70

- For use with 70mm round tube and 60x40mm rectangular tube.
- Die-cast Aluminum G Al Si 12.
- No rotation.
- Accessible from the top.

Part No.	R149-020-001

Tara Plus Rotating Elbow

- For use with 70mm round tube and 60x40mm rectangular tube.
- Die-cast Aluminum G Al Si 12.
- Rotates 300°.
- Accessible from the top.

Part No.	R149-040-000

Tara Plus Base 48

- For use with 48mm round tube.
- Not for use with any horizontal configurations.
- Compatible with tube up or tube down configurations.
- Die-cast Aluminum G Al Si 12.
- No rotation.

Part No.	R149-030-000

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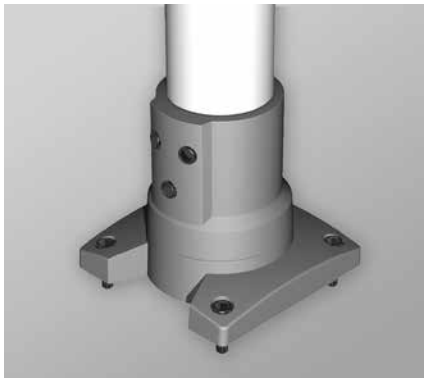
Tara Plus Base 70

- For use with 70 mm tube.
- Compatible with all vertical and horizontal configurations.
- Compatible with tube up or tube down configurations.
- Die-cast Aluminum G Al Si 12.
- No rotation.

Part No.	R149-030-001

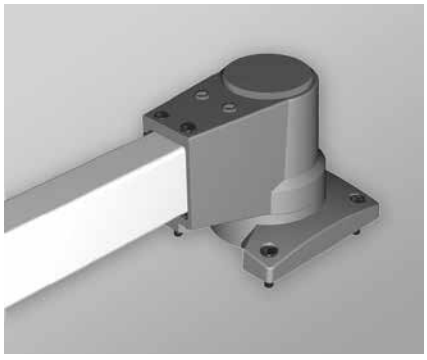
Tara Plus Rotating Base 70



- For use with 70 mm tube.
- Compatible with all vertical and horizontal configurations.
- Compatible with tube up or tube down configurations.
- Die-cast Aluminum G Al Si 12.
- Rotates 300°.
- Integrated movement stop.
- Service free bearings.

Part No.	R149-005-001

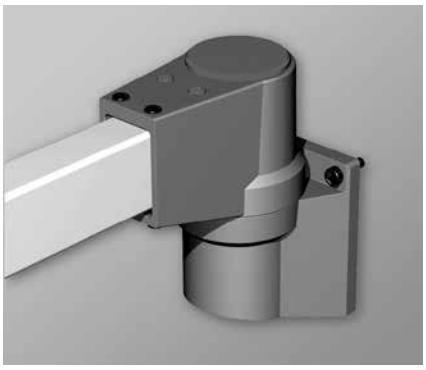
Tara Plus Socket Joint



- Accepts 60x40mm rectangular tube parallel to its mounting surface.
- Die-cast Aluminum G Al Si 12.
- Integrated movement stop.
- Service free bearings.
- Rotates 300°.
- Adjustment screws (red screws).
- Accessible from the top.

Part No.	R149-005-000

Tara Plus Wall Joint



- Accepts 60x40mm rectangular tube perpendicular to its mounting surface.
- Die-cast Aluminum G Al Si 12.
- Rotates 186°.
- Accessible from the top.

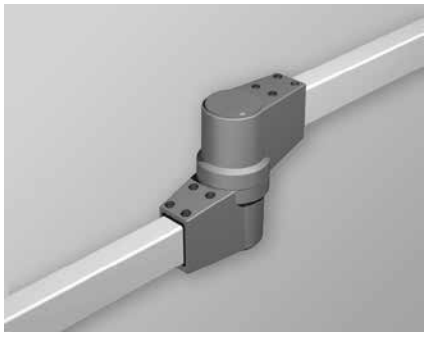
Part No.	R149-010-000

Tara Plus Vertical Wall Joint

- Accepts 70mm tube parallel to its mounting surface.
- Die-cast Aluminum G Al Si 12.
- Rotates 316°.

Part No.	R149-010-001

Tara Plus Intermediate Joint



- Accepts 60x40mm rectangular tube.
- Die-cast Aluminum G Al Si 12.
- Integrated movement stop.
- One piece bellow.
- Rotates 300°.

Part No.	R149-015-000

Technical references and CAD downloads available at www.hammondmfg.com

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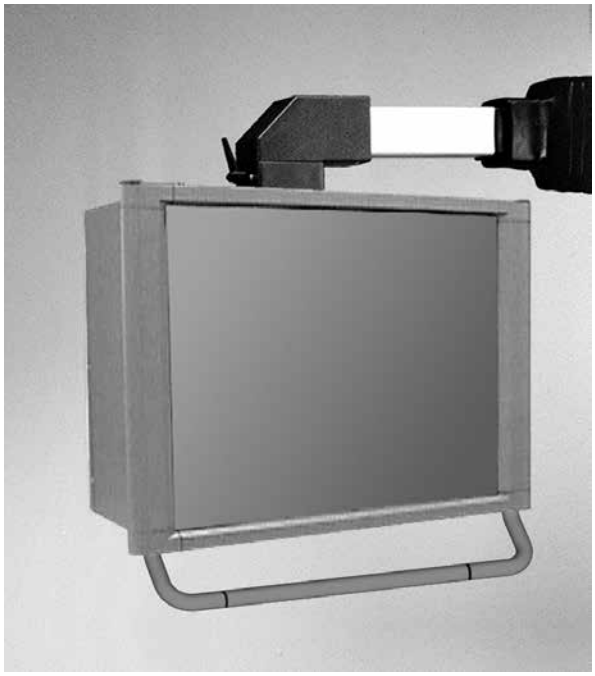
Heavy Duty 50/80 mm Suspension Systems *HDSS Series*

NEMA 12, 13



Application

- Command 50mm and 80mm enclosure suspension systems are designed for medium and heavy loads.
- The strength of square tube and cast fittings provide a highly flexible, robust system.

Standards

- Complies with
  - IEC 60529 IP54

Construction

- Enclosure coupling and elbow coupling fittings are die-cast from G Al Si 12 aluminum.
- All other fittings are die-cast 4G-s.g. iron.
- Suspension tubing is steel.

Finish

- Fittings are finished in RAL 7040 window gray powder coating.
- Suspension tubing is RAL 7035 light gray powder coating.

Quick Link: hammfg.com/HDSS

Heavy Duty Suspension Tube

Part No.	Outside mm	Inside mm	Tolerance	Length Metres	Length Feet
R144-021-000R	50	40	±0.5	1	3
R144-022-000R	Square			2	7
R144-041-000R	80	70	±0.6	1	3
R144-042-000R	Square			2	7

Note: Table dimensions in mm.

Heavy Duty Enclosure Coupling

- Cast aluminum.
- Large thrust flange.
- Fastens with 4 hex socket screws.
- Adjustable torque resistance.
- Features a rotation range of 300°.

Part No.	System
R147-025-000R	50
R147-025-200R	80

Note: Table dimensions in mm.

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Heavy Duty Elbow Coupling

- Cast Aluminum
- Large thrust flange.
- Fastens with 4 hex socket screws.
- Adjustable torque resistance.
- Features a rotation range of 300°.

Part No.	System
R147-035-000R	50
R147-035-200R	80

Note: Table dimensions in mm.

Heavy Duty Elbow

- Cast Aluminum
- Large cover opening for easier cable pull through.

Part No.	System
R147-020-000R	50
R147-020-200R	80

Note: Table dimensions in mm.

Heavy Duty Intermediate Joint

- 4G-s.g. cast iron.
- Integrated movement stop.
- One piece bellow.
- Two sleeves.
- Features a rotation range of 170°.

Part No.	System
R147-015-000R	50
R147-015-200R	80

Note: Table dimensions in mm.

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Heavy Duty Wall Joint

- 4G-s.g. cast iron.
- Integrated movement stop.
- One piece bellow.
- Two sleeves.
- Features a rotation range of 170°.

Part No.	System
R147-010-000R	50
R147-010-200R	80

Note: Table dimensions in mm.

Heavy Duty Socket Joint

- Cast Aluminum.
- Integrated movement stop.
- Service free bearings.
- Features a rotation range of 300°.
- Can mount on top of machine or inverted.

Part No.	System
R147-005-000R	50
R147-005-200R	80

Note: Table dimensions in mm.

Heavy Duty Cast Iron Base

- 4G-s.g. cast iron.
- Gasket included.
- Does not rotate.

Part No.	System
R147-030-000R	50
R147-030-200R	80

Note: Table dimensions in mm.

Heavy Duty Slope Adaptor

- Provides 30° or 60° incline by mounting to rear of enclosure.
- Cast aluminum.

Part No.	R140-045-000R

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Data Subject to change without notice

Type 12 Mild Steel Miniature Pushbutton Enclosures *MPB Series*

Quick Link: hammfg.com/MPB

Application

- Designed to accept 22mm miniature oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge steel except the MPB1 which is 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws thread into sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see table).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories

- Hole Plugs...*See Page* ***274***
- Pedestal and Base...*See Page* ***303***
- General Accessories...*See Page* ***268***

22.5mm PB Part No.	No. of Holes	Enclosure H	W	D
MPB1[1]	1	3.25	2.75	3.50
MPB2[1]	2	5.13	2.75	3.50
MPB3[1]	3	7.00	2.75	3.50
MPB4[1]	4	8.88	2.75	3.50
MPB6	6	8.50	5.00	4.25
MPB9	9	8.50	6.50	4.25
MPB12	12	10.38	6.50	4.25

[1] Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Pushbutton Enclosures *1435 Series*

Quick Link: hammfg.com/1435

Application

- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge steel except
- A and B which are 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws thread into sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see table).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories

- Hole Plugs...*See Page* ***274***
- Pedestal and Base...*See Page* ***303***
- General Accessories...*See Page* ***268***

30.5mm PB Part No.	22.5mm PB Part No.	No. of Holes	Enclosure H	W	D
1435A [1]	**1435MA** [1]	1	3.50	3.25	2.75
1435B [1]	**1435MB** [1]	2	5.75	3.25	2.75
1435C [1]	**1435MC** [1]	3	8.00	3.25	2.75
1435D [1]	**1435MD** [1]	4	10.25	3.25	2.75
1435F	**1435MF**	4	7.25	6.25	3.00
1435H	**1435MH**	6	9.50	6.25	3.00
1435K	**1435MK**	9	9.50	8.50	3.00
1435O	**1435MO**	12	11.75	8.50	3.00
1435S	**1435MS**	16	11.75	10.75	3.00

[1] Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4, 4X Stainless Steel Pushbutton Enclosures *1435SS Series*

Quick Link: hammfg.com/1435SS

Application

- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and large amounts of water from any angle, or where highly corrosive conditions exist.

Standards

- UL 508A Type 4 and 4X
- CSA Type 4 and 4X
- Complies with
  - NEMA Type 3R, 4 and 4X
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge stainless steel except A and B which are 16 gauge. 304 or 316 SS.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive stainless steel cover screws thread into sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring.
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Natural stainless steel with a smooth brushed finish.

Accessories

- Hole Plugs...*See Page* ***275***
- General Accessories...*See Page* ***268***

304 S.S. 22.5mm PB Part No.	304 S.S. 30.5mm PB Part No.	316 S.S. 22.5mm PB Part No.	316 S.S. 30.5mm PB Part No.	No. Of Holes	Enclosure H	W	D
1435MSSA [1]	1435SSA [1]	1435MS16A [1]	1435S16A [1]	1	3.50	3.25	2.75
1435MSSB [1]	1435SSB [1]	1435MS16B [1]	1435S16B [1]	2	5.75	3.25	2.75
1435MSSC [1]	1435SSC [1]	1435MS16C [1]	1435S16C [1]	3	8.00	3.25	2.75
1435MSSD [1]	1435SSD [1]	1435MS16D [1]	1435S16D [1]	4	10.25	3.25	2.75
1435MSSH	1435SSH	1435MS16H	1435S16H	6	9.50	6.25	3.00
1435MSSK	1435SSK	1435MS16K	1435S16K	9	9.50	8.50	3.00
1435MSSO	1435SSO	1435MS16O	1435S16O	12	11.75	8.50	3.00

[1] Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Mild Steel Pushbutton Enclosures *1437 Series*

Extra Deep

Quick Link: hammfg.com/1437

Application

- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Enclosure 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 14 gauge steel except A which is 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws fasten into threaded, sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see drawings).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories

- Hole Plugs...*See Page* ***275***
- General Accessories...*See Page* ***268***

30.5mm PB Part No.	22.5mm PB Part No.	No. of Holes	Enclosure H	W	D
1437A [1]	**1437MA** [1]	1	4.00	4.00	4.75
1437B	**1437MB**	2	6.00	4.00	4.75
1437C	**1437MC**	3	8.00	4.00	4.75
1437D	**1437MD**	4	10.00	4.00	4.75
1437F	**1437MF**	4	7.25	6.25	4.75
1437H	**1437MH**	6	9.50	6.25	4.75
1437K	**1437MK**	9	9.50	8.50	4.75
1437O	**1437MO**	12	11.75	8.50	4.75
1437S	**1437MS**	16	11.75	10.75	4.75
1437V	**1437MV**	20	14.00	10.75	4.75
1437X	**1437MX**	25	14.00	13.00	4.75

[1] Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

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Type 4, 4X Stainless Steel Pushbutton Enclosures *1437SS Series*

Extra Deep

Quick Link: hammfg.com/1437SS

Application

- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards

- UL 508A Type 4 and 4X
- CSA Enclosure 4 and 4X
- Complies with
  - NEMA Type 4 and 4X
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed from 14 gauge steel except A which is 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws fasten into threaded, sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see drawings).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Natural stainless steel with a smooth brushed finish.

Accessories

- Hole Plugs...*See Page* ***274***
- Ground Wire Kits...*See Page* ***272***

304 S.S. 22.5mm PB Part No.	304 S.S. 30.5mm PB Part No.	316 S.S. 22.5mm PB Part No.	316 S.S. 30.5mm PB Part No.	No. Of Holes	Enclosure H	Enclosure W	Enclosure D
1437MSSA [1]	**1437SSA** [1]	**1437MS16A** [1]	**1437S16A** [1]	1	4.00	4.00	4.75
1437MSSB	**1437SSB**	**1437MS16B**	**1437S16B**	2	6.00	4.00	4.75
1437MSSC	**1437SSC**	**1437MS16C**	**1437S16C**	3	8.00	4.00	4.75
1437MSSD	**1437SSD**	**1437MS16D**	**1437S16D**	4	10.00	4.00	4.75
-	**1437SSS**	**-**	**1437S16S**	16	11.75	10.75	4.75

[1] Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

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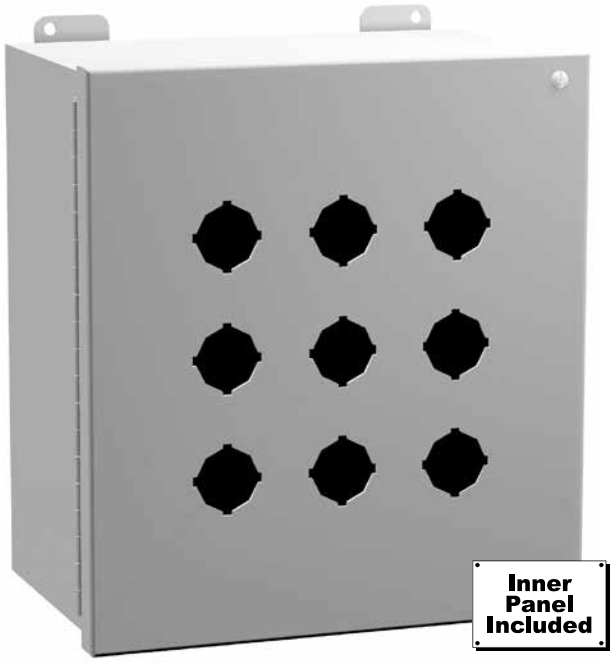
Type 12 Mild Steel Pushbutton Enclosures *1489 Series*

Hinged Cover



Quick Link: hammfg.com/1489

Application

- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge steel.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Continuously hinged cover is secured with captive, plated steel screws which fasten into threaded sealed wells.
- Oil resistant gasket and adhesive.
- Weldnuts are provided for mounting inner panels.
- A removable 14 gauge inner panel is included.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Hole Plugs...*See Page* ***274***
- Pedestal and Base...*See Page* ***303***
- General Accessories...*See Page* ***268***

30.5mm PB Part No.	22.5mm PB Part No.	No. Of Holes	Enclosure H	Enclosure W	Enclosure D	Panel H	Panel W
1489P4	**1489MP4**	4	8.25	7.25	6.00	6.25	5.25
1489P6	**1489MP6**	6	10.50	7.25	6.00	8.50	5.25
1489P9	**1489MP9**	9	10.50	9.50	6.00	8.50	7.50
1489P12	**1489MP12**	12	12.75	9.50	6.00	10.75	7.50
1489P16	**1489MP16**	16	12.75	11.75	6.00	10.75	9.75
1489P20	**1489MP20**	20	15.00	11.75	6.00	13.00	9.75
1489P25	**1489MP25**	25	15.00	14.00	6.00	13.00	12.00
1489P30	**1489MP30**	30	17.25	14.00	6.00	15.25	12.00
1489P36	**1489MP36**	36	17.25	16.25	6.00	15.25	14.25
1489P42	**1489MP42**	42	19.50	16.25	6.00	17.50	14.25

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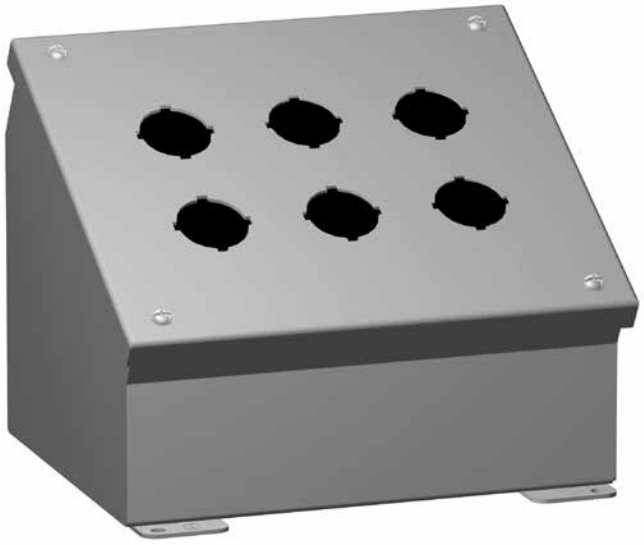
Type 12 Mild Steel Pushbutton Enclosures *1490 Series*

Sloped Consolet



Quick Link: hammfg.com/1490

Application

- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Ideal for wall or surface mounting to provide the necessary control slope.
- Provides protection from dirt, dust, oil and water.

Standards

- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge steel.
- Smooth continuously welded seams.
- Construction provides either a 30° or 60° slope on front cover depending on mounting position.
- Welded brackets provide for enclosure mounting.
- Captive cover screws thread into sealed wells.
- Larger enclosures provide internally hinged removable covers designed to hold the cover open during wiring (as noted in table).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish

- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories

- Hole Plugs...*See Page* ***274***
- Pedestal and Base...*See Page* ***303***
- General Accessories...*See Page* ***268***

30.5mm PB Part No.	22.5mm PB Part No.	No. Of Holes	Enclosure H	W	D
1490D1[1]	**1490MD1[1]**	1	3.50	3.25	4.88
1490D2[1]	**1490MD2[1]**	2	3.50	5.50	4.88
1490D3[1]	**1490MD3[1]**	3	3.50	7.75	4.88
1490D4[1]	**1490MD4[1]**	4	3.50	10.00	4.88
1490G4	**1490MG4**	4	7.25	6.25	6.75
1490G6	**1490MG6**	6	7.25	8.50	6.75
1490G8	**1490MG8**	8	7.25	10.75	6.75
1490H9	**1490MH9**	9	9.50	8.50	7.88
1490G10	**1490MG10**	10	7.25	13.00	6.75
1490G12	**1490MG12**	12	7.25	15.25	6.75
1490J12	**1490MJ12**	12	11.75	8.50	9.00
1490G16	**1490MG16**	16	7.25	19.75	6.75
1490J16	**1490MJ16**	16	11.75	10.75	9.00
1490J20	**1490MJ20**	20	11.75	13.00	9.00
1490K25	**1490MK25**	25	14.00	13.00	10.13
1490K30	**1490MK30**	30	14.00	15.25	10.13

[1] Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

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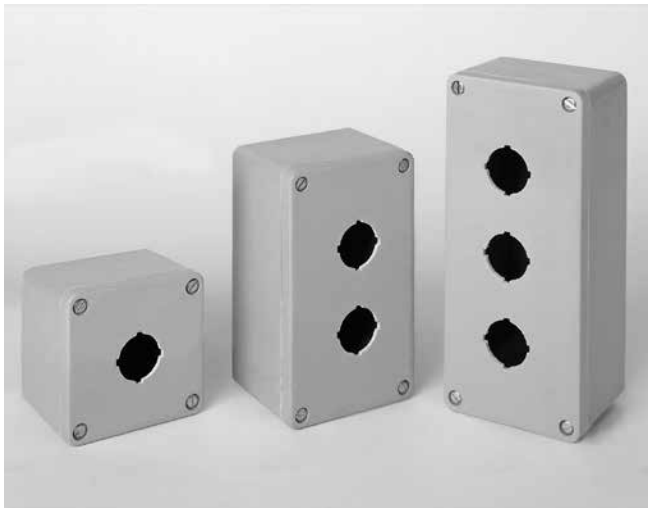
Type 4, 4X Polycarbonate Pushbutton Enclosure *1554 PB Series*



Quick Link: hammfg.com/1554PB

Standards

- IP66
- NEMA 4, 4X, 6, 6P, 12 & 13
- UL94 5V

Construction

- Electronic instrument enclosures, designed for mounting printed circuit boards or DIN rail mounted components.
- The polycarbonate material carries a UL flammability rating of UL94 5V and is suitable for outdoor use.
- Lid and mounting holes are located outside of the gasket seal.
- Lid is secured with self captivating M4 stainless steel machine screws (included), threaded into integral stainless steel bushings (for repetitive assembly & disassembly).
- Heavy duty 16 gauge galvanized steel panels available (see chart)
- All stainless steel hardware to avoid corrosion caused by dissimilar metals.
- Gasket is a preformed, high temperature U.L. listed silicone rubber. Gasket is replaceable.
- Gasketed lid with two piece “tongue & groove” construction provides protection against access of oil, dust and water.
- Internal DIN rail mounting tabs.
- Threaded (M3) integral brass inserts & standoffs designed for M3.5 or #6 self tapping screws for P.C. board or inner panel mounting in all but the smallest size.
- Vertical P.C. card guides (for 1.5 mm thick P.C. boards) are molded in all but the smallest size

Finish

- Color is light gray (RAL 7035)

Accessories

- Optional Inner Panel
  - Heavy duty panels for mounting components
  - Galvanized 16 ga. steel.
  - Includes mounting hardware.
- Optional Mounting Feet
  - Part No. 1554FT

22 mm Hole	30.5 mm Hole	# of	Enclosure			Optional Inner Panel		
Part No.	Part No.	Holes	H	W	D (w/lid)	Part No.	H	W
1554MPB1	**1554PB1**	1	3.54	3.54	2.36	**1554EPL**	3.10	3.10
1554MPB1A	**1554PB1A**	1	3.54	3.54	3.54	**1554EPL**	3.10	3.10
1554MPB2	**1554PB2**	2	6.30	3.54	2.38	**1554JPL**	5.80	3.00
1554MPB2D	**1554PB2D**	2	6.30	3.54	3.56	**1554JPL**	5.80	3.00
1554MPB3	**1554PB3**	3	7.87	4.72	3.56	**1554UPL**	7.60	4.20
1554MPB4	**1554PB4**	4	7.87	4.72	3.56	**1554UPL**	7.60	4.20
1554MPB6	**1554PB6**	6	9.45	6.30	3.54	**1554VPL**	9.10	5.70
1554MPB6A	**1554PB6A**	6	9.45	6.30	3.54	**1554VAPL**	8.93	5.73
1554MPB6B	**1554PB6B**	6	9.45	6.30	4.72	**1554VAPL**	8.93	5.73

Technical references and CAD downloads available at www.hammondmfg.com

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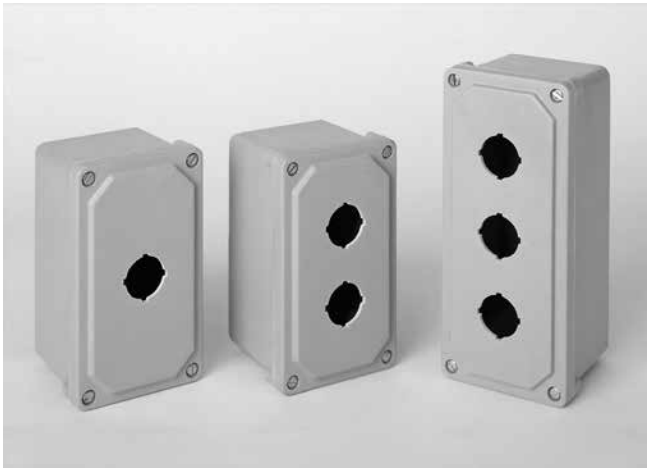
Type 4, 4X Polyester Pushbutton Enclosure *PJPB Series*



Quick Link: hammfg.com/PJPB

Application

- Designed for use as pushbutton enclosures for 22.5mm or 30.5mm devices.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Threaded brass inserts are provided for optional inner panel.
- Cover is fastened with captive stainless steel screws in threaded brass inserts.
- Captive oil resistant gasket provides a positive seal.
- Mounting through rear holes on enclosure. Use #8 x 1 inch screw (not included).
- Enhanced UV inhibitors protect against outdoor weathering.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in Technical Information.

Finish

- Fiberglass polyester material has a gray finish.
- Optional aluminum inner panel natural finish.

Accessories

- Hole Plugs...*See Page* ***275***

30.5mm PB Part No.	22.5mm PB Part No.	# of Holes	Enclosure H	W	D
PJ744P1	**PJ744P221**	1	6.74	3.93	3.88
PJ744P2	**PJ744P222**	2	6.74	3.93	3.88
PJ944P3	**PJ944P223**	3	8.99	3.93	3.88

Technical references and CAD downloads available at www.hammondmfg.com All dimensions in inches unless specified otherwise

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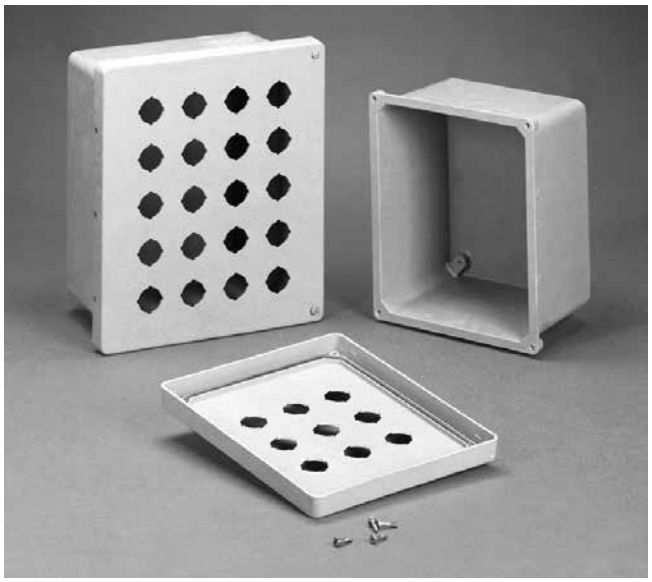
Type 4, 4X Polyester Pushbutton Enclosure *PJPBLC Series*



Quick Link: hammfg.com/PJPBLC

Application

- Designed for use as pushbutton enclosures for 30.5mm devices.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting.
- Cover is fastened with captive stainless steel screws in threaded brass inserts.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Enhanced UV inhibitors protect against outdoor weathering.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in Technical Information.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Terminal Kit Assemblies...*See Page* ***288***
- Stainless Replacement Mounting Feet...*See Page* ***278***
- Hole Plugs...*See Page* ***275***

Lift Off Cover	Hinged Cover	No.	Enclosure			Optional Inner Panel		
30.5mm PB Part No.	30.5mm PB Part No.	Holes	H	W	D	Part No.	H	W
PJ664P4	**PJ664HP4**	4	6.10	6.10	4.18	**14R0505**	4.88	4.88
PJ864P6	**PJ864HP6**	6	8.00	6.12	4.13	**14R0705**	6.75	4.88
PJ1084P9	**PJ1084HP9**	9	10.13	8.26	4.13	**14R0907**	8.75	6.88
PJ1086P9	**PJ1086HP9**	9	10.13	8.26	6.13	**14R0907**	8.75	6.88
PJ1086P12	**PJ1086HP12**	12	10.13	8.26	6.13	**14R0907**	8.75	6.88
PJ12106P16	**PJ12106HP16**	16	12.13	10.26	6.13	**14R1109**	10.75	8.88
PJ12106P20	**PJ12106HP20**	20	12.13	10.26	6.13	**14R1109**	10.75	8.88
PJ14126P25	**PJ14126HP25**	25	14.13	12.26	6.13	**14R1311**	12.75	10.88
PJ16148P30	**PJ16148HP30**	30	16.27	14.40	8.13	**14R1513**	14.75	12.88
PJ18168P42	**PJ18168HP42**	42	18.40	16.40	8.13	**P1868**	16.88	14.88

Alternative inner panel options available.

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Wireway & Trough

Type 12 Lay-In Wireway
1485 Series
Wireway & Accessories 184

Type 12 Pull Through Wireway
1487 Series
Wireway & Accessories 189

Type 4X Pull Through Wireway
1487SS Series
Wireway & Accessories 193

Type 12 Wiring Trough
1486 Series 196

Type 1 Lay-In Wireway
CW Series
Wireway & Accessories 197

Type 3R Wiring Trough
C3RWT Series..... 201

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Type 12 Lay-In Wireway *1485 Series*

Wireway & Accessories

Quick Link: hammfg.com/1485

Application

- Designed to enclose and protect electrical wiring from dirt, dust, oil and water.
- All sections and fittings are completely open on each side to allow wires and cables to be placed into the wireway without “pulling through”.

Standards

- UL 870 Type 1 (unless marked1)
- CSA Type 1 (unless marked1)
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Bodies and covers are formed from 14-gauge steel with 10 gauge steel flanges.
- Flanges are open at the top to allow cables to lay in when doors open.
- 12” x 6” size has a 12 gauge steel body with a 14-gauge cover.
- Smooth continuously welded seams.
- Interior surfaces are smooth to prevent wire damage during installation.
- Butt hinged cover is secured with easily operated quick release clamps.
- Oil resistant gaskets are permanently secured.
- Solid oil resistant gaskets are used between flanges when sections and fittings are bolted together.
- One gasket kit, complete with hardware is provided with each straight section or fitting.
- Sealing plate is supplied.
- Flange junctions are sealed with gasket sealing plates, which are put in place after wiring is completed. One is supplied with all straight sections and most fittings; see table for exact number.

Finish

- Sections and components are finished in ANSI 61 gray powder coating.

Notes

- When joining a wireway section or fitting to an enclosure be sure to order a box connector.
- When joining two wireway sections, or joining a wireway section to a fitting, a flat sealing plate is required at each junction; necessary kits are supplied with each section and fitting. See table, extra kits may be ordered if necessary.
- When joining a lay-in wireway section or fitting to a closure plate, a box connector, or cut-off fitting, an angle sealing plate is required at each junction.
- Necessary kits are supplied with each section and fitting - see table. Extra kits, although not normally required, are necessary when joining lay-in wireway to a non-lay-in section or fitting section.

Description	Sealing Plates Supplied	2.5 x 2.5 Part No.	4 x 4 Part No.	6 x 6 Part No.	8 x 8 Part No.	12 x 6 Part No.
6” Section	1 Flat	**1485B6**	**1485C6**	**1485D6**	**1485E6**	**1485F6**
12” Section	1 Flat	**1485B12**	**1485C12**	**1485D12**	**1485E12**	**1485F12**
24” Section	1 Flat	**1485B24**	**1485C24**	**1485D24**	**1485E24**	**1485F24**
36” Section	1 Flat	**1485B36**	**1485C36**	**1485D36**	**1485E36**	**1485F36**
48” Section	1 Flat	**1485B48**	**1485C48**	**1485D48**	**1485E48**	**1485F48**
60” Section	1 Flat	**1485B60**	**1485C60**	**1485D60**	**1485E60**	**1485F60**
120” Section	1 Flat	**1485B120**	**1485C120**	**1485D120**	**1485E120**	**1485F120**

[1] Does not meet CSA or UL requirement
[2] Maintains ratings on CSA and UL approved wireway

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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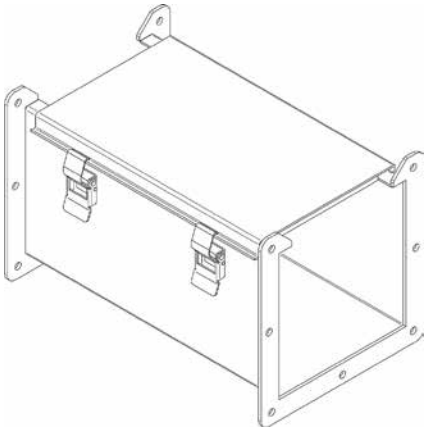
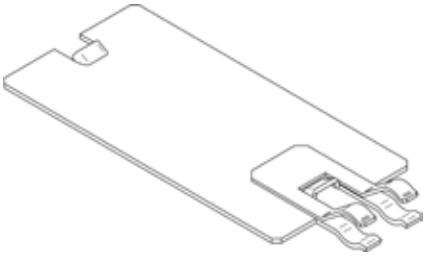
Description	Sealing Plates Supplied	2.5 x 2.5 Part No.	4 x 4 Part No.	6 x 6 Part No.	8 x 8 Part No.	12 x 6 Part No.
60" Long Partition (Barrier)	-	-	1487CB60[1]	1487DB60[1]	1487EB60[1]	1487DB60[1]
1" Nipple	1 Flat	1485BM1	1485CM1	1485DM1	-	-
2" Nipple	1 Flat	1485BM2	1485CM2	1485DM2	-	-
3" Nipple	1 Flat	1485BM3	1485CM3	1485DM3	-	-
Box Entry Swivel Nipple	1 Angle	1485BV1	1485CV1	1485DV1	1485EV1	-
Standard Swivel Nipple	2 Angle	1485BV2	1485CV2	1485DV2	1485EV2	-
12" Transposition Clockwise	1 Flat	1485BZ12	1485CZ12	1485DZ12	1485EZ12	-
12" Transposition Counter-Clockwise	1 Flat	1485BZC12	1485CZC12	1485DZC12	1485EZC12	-
Flexible Fitting	None	1485BFF	1485CFF	1485DFF	1485EFF	-
Adjustable Fitting	1 Spec.	1485BX [1]	1485CX [1]	1485DX [1]	1485EX [1]	1485FX [1]
Cut-Off Fitting Lay-In	1 Flat	1485BW1[1]	1485CW1[1]	1485DW1[1]	1485EW1[1]	1485FW1[1]
Cut-Off Fitting Non Lay-In	1 Angle	1485BW2[1]	1485CW2[1]	1485DW2[1]	1485EW2[1]	1485FW2[1]
90° Elbow, Top Opening	1 Flat	1485B9N	1485C9N	1485D9N	1485E9N	1485F9N
90° Elbow, Inside Opening	1 Flat	1485B9P	1485C9P	1485D9P	1485E9P	1485F9P
90° Elbow, Outside Opening	1 Flat	1485B9Q	1485C9Q	1485D9Q	1485E9Q	1485F9Q
45° Elbow, Top Opening	1 Flat	1485B4N	1485C4N	1485D4N	1485E4N	1485F4N
45° Elbow, Inside Opening	1 Flat	1485B4P	1485C4P	1485D4P	1485E4P	-
45° Elbow, Outside Opening	1 Flat	1485B4Q	1485C4Q	1485D4Q	1485E4Q	-
Tee Fitting, Top Opening	2 Flat	1485BTN	1485CTN	1485DTN	1485ETN	1485FTN
Tee Fitting, Outside & Top Opening	2 Flat	1485BTQ	1485CTQ	1485DTQ	1485ETQ	-
Cross Fitting	3 Flat	1485BY	1485CY	1485DY	1485EY	1485FY
Reducer 4 x 4 to 2.5 x 2.5	None	-	1485CRE	-	-	-
Reducer 6 x 6 to 4 x 4	None	-	-	1485DRE	-	-
Reducer 8 x 8 to 6 x 6	None	-	-	-	1485ERE	-
Reducer 12 x 6 to 4 x 4	None	-	-	-	-	1485FREC
Reducer 12 x 6 to 6 x 6	None	-	-	-	-	1485FRED
Junction Box	1 Flat	1485BJ	1485CJ	1485DJ	1485EJ	-
Box Connector	1 Angle	1485BK [1]	1485CK [1]	1485DK [1]	1485EK [1]	1485FK [1]
Drop Hanger	None	1485BL1[1]	1485CL1[1]	1485DL1[1]	1485EL1[1]	-
Bracket Hanger	None	1485BL2[1]	1485CL2[1]	1485DL2[1]	1485EL2[1]	-
Cover Plate	1 Angle	1485BH [2]	1485CH [2]	1485DH [2]	1485EH [2]	1485FH [2]
Snap On Flat Sealing Plate	None	1485BSM [2]	1485CSM [2]	1485DSM [2]	1485ESM [2]	1485FSM [2]
Angle Sealing Plate	None	1485BS9[2]	1485CS9[2]	1485DS9[2]	1485ES9[2]	1485FS9[2]

[1] Does not meet CSA or UL requirement
[2] Maintains ratings on CSA and UL approved wireway

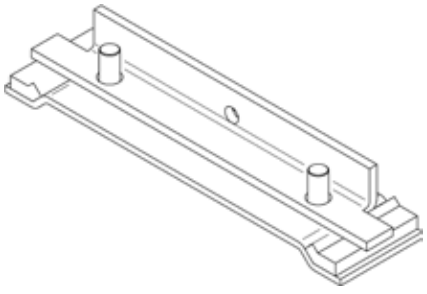
Typical Straight Section



Flat Sealing Plate



Angle Sealing Plate



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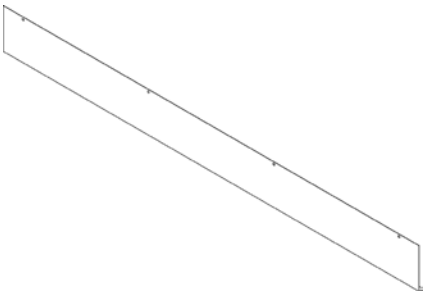
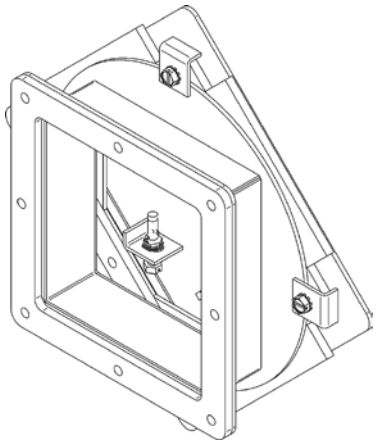
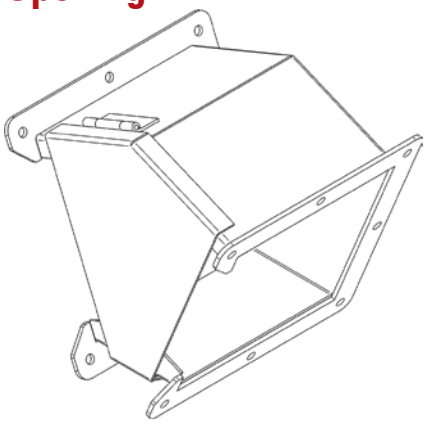
Barrier Kit



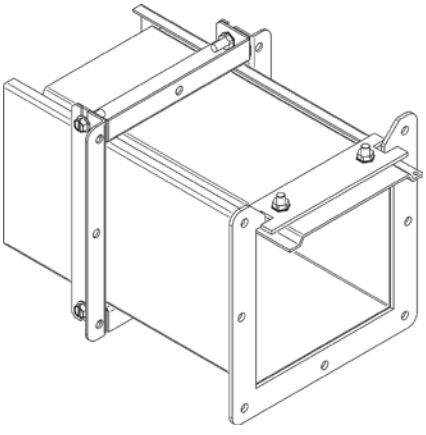
Swivel Nipple



45 degree Elbow Top Opening

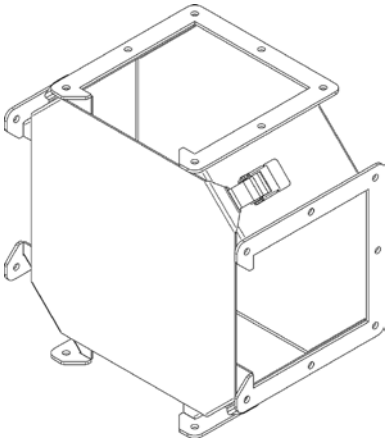


Adjustable Fitting

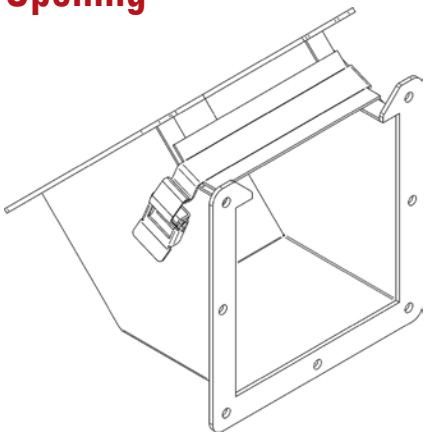


- Allows on site length adjustment of 2” to 7”

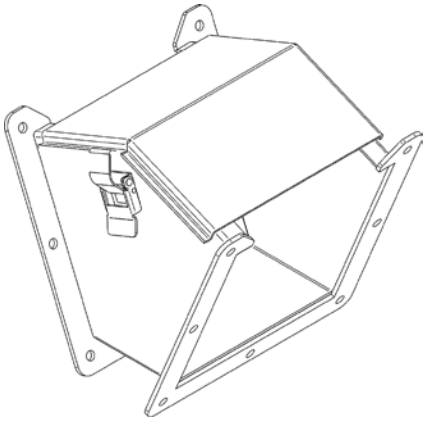
Cross Fitting



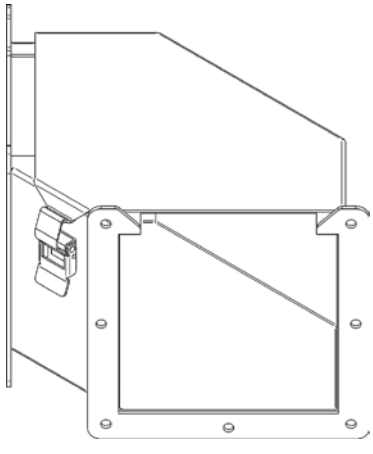
45 degree Elbow Inside Opening



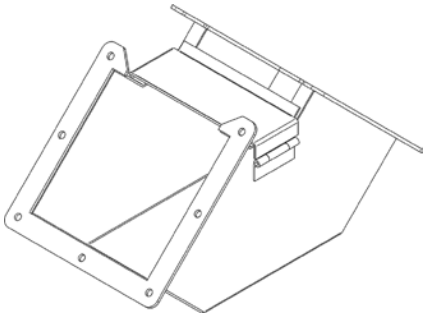
45 degree Elbow Outside Opening



90 degree Elbow Top Opening



90 degree Elbow Inside Opening



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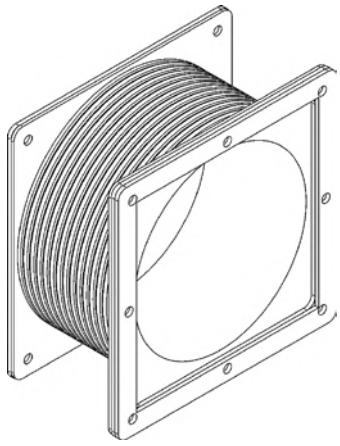
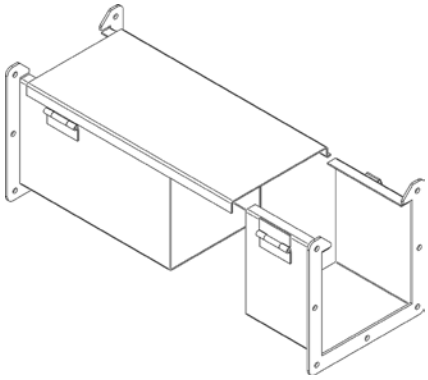
Flexible Fitting



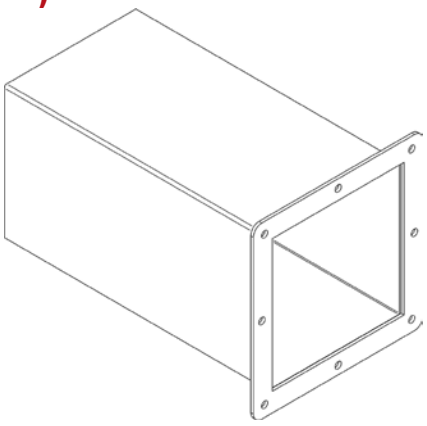
- Allows for easy alignment of sections or fittings
- Metal flanges
- Flexible synthetic “bellows” middle section

Cut-Off Fitting (Lay-In)



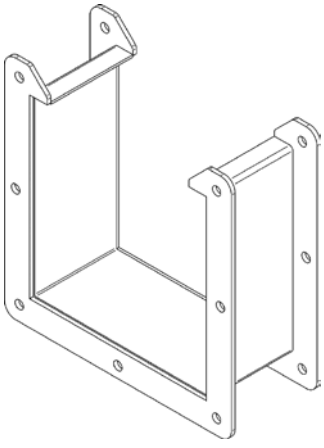
- Body comes in two pieces. Cut-off one piece, shorten cover, and weld together.
- Includes angle sealing plate.

Cut-Off Fitting (Non Lay-In)



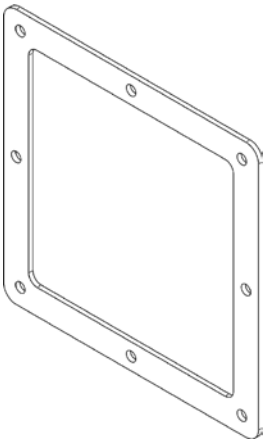
- For lengths up to 12”. Cut off body and weld on flange.

Nipple



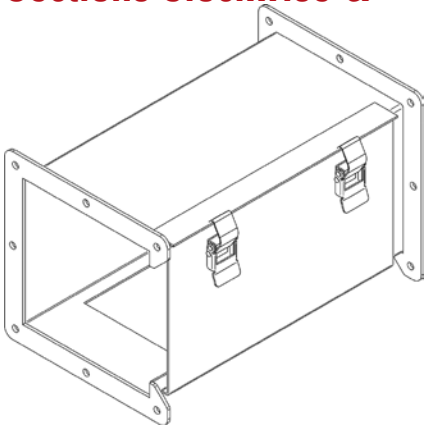
- Lay-in nipples come with a special sealing plate which cannot be used adjacent to swivel nipples (use 1487 Series nipples)

Box Connector



- Use inside box when entering with “Lay-In” Wireway.

12” Transposition Sections Clockwise &



- Used to rotate the open side of a wireway run by 90° and maintain the lay-in feature

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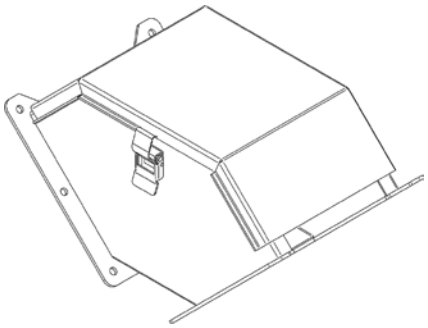
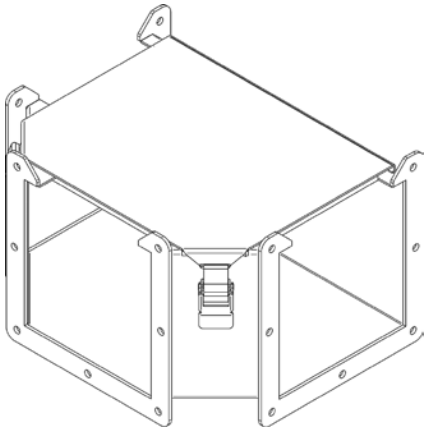
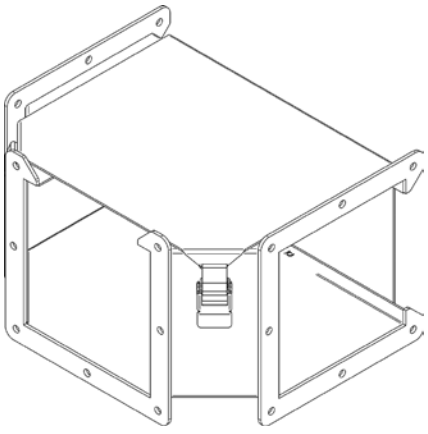
90 degree Elbow Outside Opening



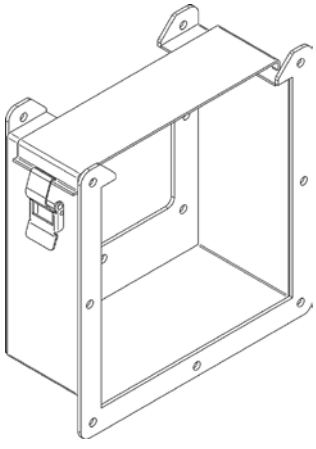
Tee Fitting Top Opening



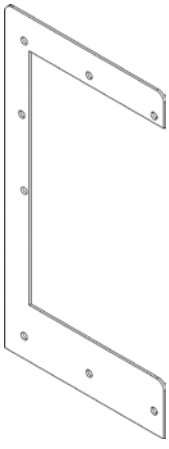
Tee Fitting Outside and Top Opening



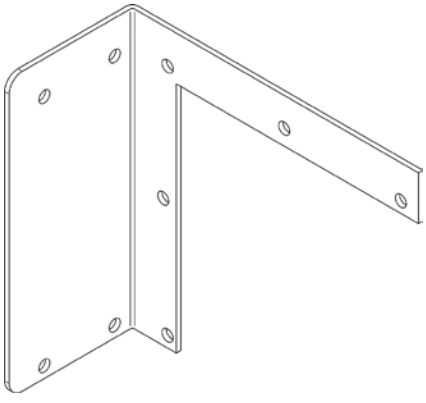
Reducers



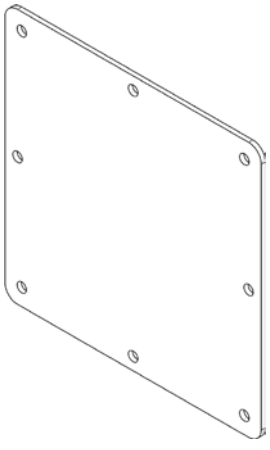
Drop Hanger



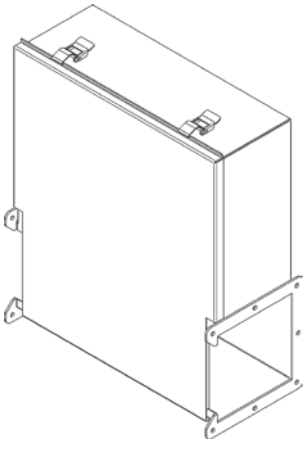
Bracket Hanger



Cover Plate



Junction Box



- Includes inner panel

Part No.	For use with	Enclosure H	Enclosure W	Inner Panel H	Inner Panel W
1485BJ	2.5 x 2.5	12.00	10.25	8.75	6.87
1485CJ	4 x 4	14.00	13.87	10.75	8.87
1485DJ	6 x 6	16.00	17.87	12.75	10.87
1485EJ	8 x 8	18.00	21.87	14.75	12.87

One flat sealing plate included

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 12 Pull Through Wireway *1487 Series*

Wireway & Accessories

Quick Link: hammfg.com/1487

Application

- Designed to enclose and protect electrical wiring from dirt, dust, oil and water.
- Ideal for connecting machines to control panels or power sources.

Standards

- UL 870 Type 1 (unless marked[1])
- CSA Type 1 (unless marked[1])
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Bodies and covers are formed from 14 gauge steel with 10 gauge steel flanges.
- Continuous flange around wireway ends, requires cables to be pulled through. (For lay-in style, see 1485 Series.)
- Smooth continuously welded seams.
- Interior surfaces are smooth to prevent wire damage during installation.
- Butt hinged covers are secured with easily operated screw clamps.
- Oil resistant gaskets are permanently secured.
- Solid oil resistant gaskets are used between flanges when sections and fittings are bolted together.
- One gasket kit, complete with hardware is provided with each straight section or fitting.

Finish

- Sections and fittings are finished in ANSI 61 gray.

Description	2.5 x 2.5 Part No.	4 x 4 Part No.	6 x 6 Part No.	8 x 8 Part No.
12” Section	**1487B12**	**1487C12**	**1487D12**	**1487E12**
24” Section	**1487B24**	**1487C24**	**1487D24**	**1487E24**
36” Section	**1487B36**	**1487C36**	**1487D36**	**1487E36**
48” Section	**1487B48**	**1487C48**	**1487D48**	**1487E48**
60” Section	**1487B60**	**1487C60**	**1487D60**	**1487E60**
120” Section	**1487B120**	**1487C120**	**1487D120**	**1487E120**
60” Long Partition (Barrier)	-	**1487CB60**[1]	**1487DB60**[1]	**1487EB60**[1]
1” Nipple	**1487BM1**	**1487CM1**	**1487DM1**	**1487EM1**
2” Nipple	**1487BM2**	**1487CM2**	**1487DM2**	**1487EM2**
3” Nipple	**1487BM3**	**1487CM3**	**1487DM3**	**1487EM3**
6” Nipple	**1487BM6**	**1487CM6**	**1487DM6**	**1487EM6**
Box Entry Swivel Nipple	**1487BV1**	**1487CV1**	**1487DV1**	**1487EV1**
Standard Swivel Nipple	**1487BV2**	**1487CV2**	**1487DV2**	**1487EV2**
Flexible Fitting	**1485BFF** [1]	**1485CFF** [1]	**1485DFF** [1]	**1485EFF** [1]
Adjustable Fitting	**1487BX** [1]	**1487CX** [1]	**1487DX** [1]	**1487EX** [1]
Cut-Off Fitting	**1487BW** [1]	**1487CW** [1]	**1487DW** [1]	**1487EW** [1]
90° Elbow	**1487B9P**	**1487C9P**	**1487D9P**	**1487E9P**
45° Elbow	**1487B4P**	**1487C4P**	**1487D4P**	**1487E4P**
22.5° Elbow	**1487B2P**	**1487C2P**	**1487D2P**	**1487E2P**

[1] Does not meet CSA or UL requirements
[2] Maintains ratings on CSA and UL approved wireway

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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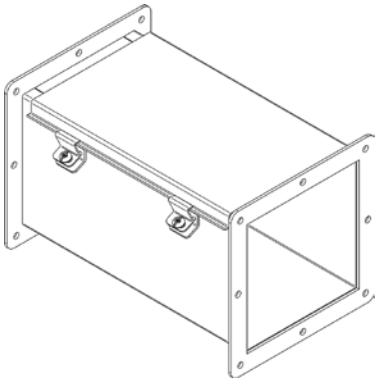
Data Subject to change without notice

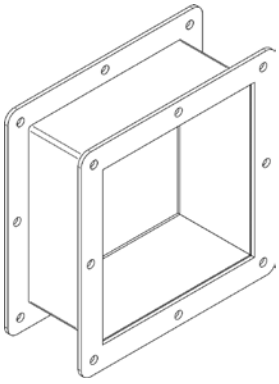
Description	2.5 x 2.5 Part No.	4 x 4 Part No.	6 x 6 Part No.	8 x 8 Part No.
Tee Fitting	1487BT	1487CT	1487DT	1487ET
Cross Fitting	1487BY	1487CY	1487DY	1487EY
Center Hole Reducers				
Reducer - 4 x 4 to 2.5 x 2.5	-	1487CRC [2]	-	-
Reducer - 6 x 6 to 4 x 4	-	-	1487DRC [2]	-
Reducer - 8 x 8 to 4 x 4	-	-	-	1487ERCC [2]
Reducer - 8 x 8 to 6 x 6	-	-	-	1487ERCD [2]
Edge Hole Reducers				
Reducer 4 x 4 to 2.5 x 2.5	-	1487CRE [2]	-	-
Reducer 6 x 6 to 4 x 4	-	-	1487DRE [2]	-
Reducer 8 x 8 to 4 x 4	-	-	-	1487EREC [2]
Reducer 8 x 8 to 6 x 6	-	-	-	1487ERED [2]
Box Connector	1487BK [1]	1487CK [1]	1487DK [1]	1487EK [1]
Drop Hanger	1485BL1[1]	1485CL1[1]	1485DL1[1]	1485EL1[1]
Bracket Hanger	1485BL2[1]	1485CL2[1]	1485DL2[1]	1485EL2[1]
Cover Plate	1487BH [2]	1487CH [2]	1487DH [2]	1487EH [2]
Gasket & Screws	1487BS [1]	1487CS [1]	1487DS [1]	1487ES [1]

[1] Does not meet CSA or UL requirements
[2] Maintains ratings on CSA and UL approved wireway

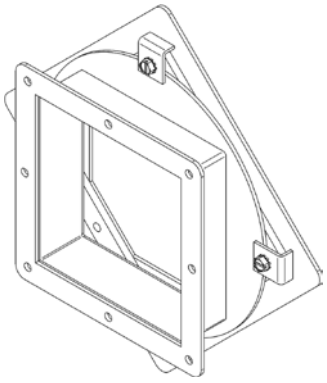
Typical Straight Section



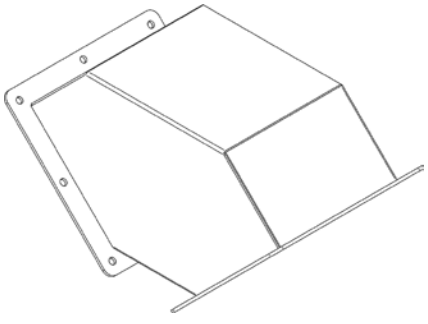
Nipple



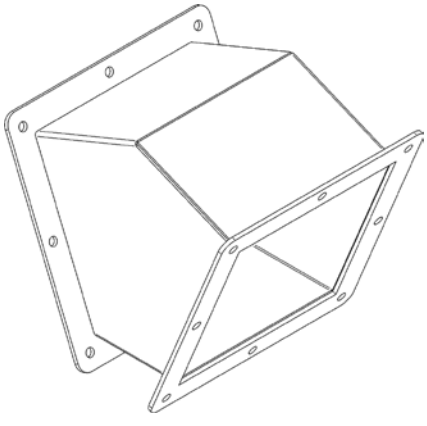
Swivel Nipple



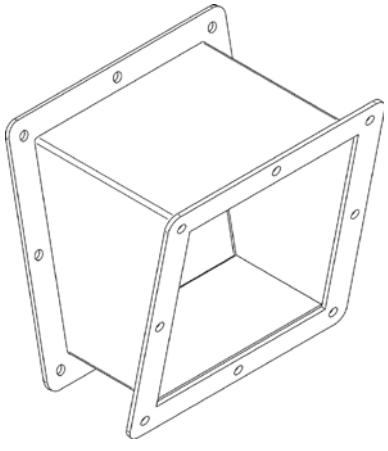
90 degree Elbow



45 degree Elbow



22.5 degree Elbow



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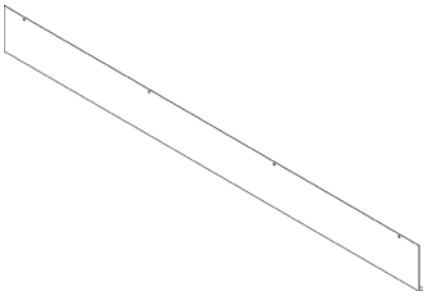
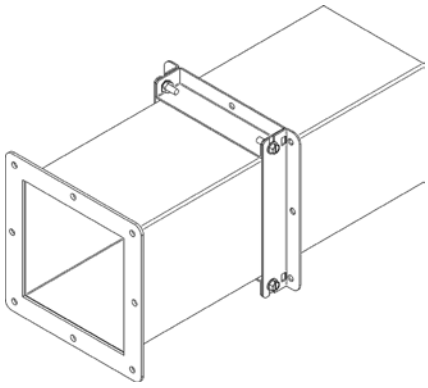
Barrier Kit



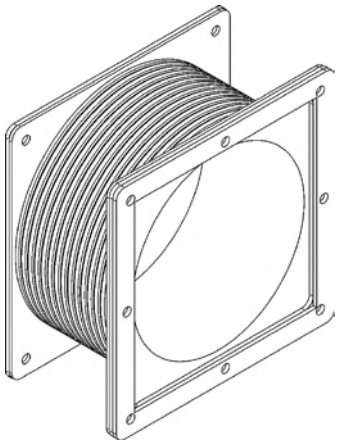
- Divides wireway into two or more compartments. Barriers are fastened to wireway sections with screws.

Adjustable Fitting



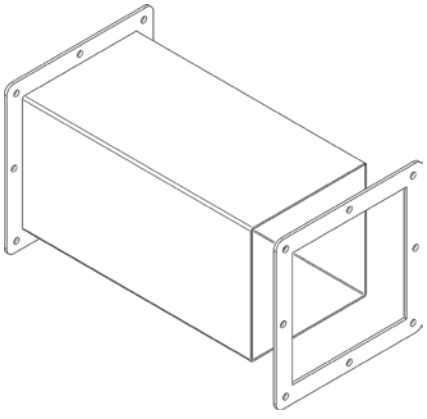
- Allows on site length adjustment of 1.5” to 13.5”

Flexible Fitting



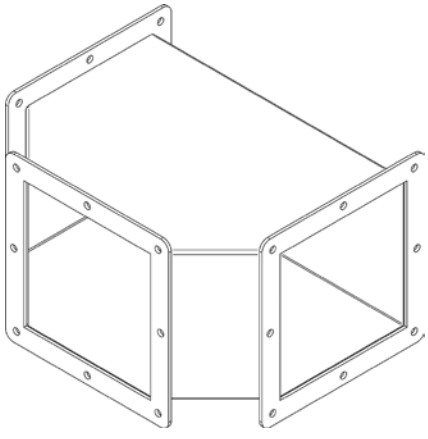
- Allows for easy alignment of sections or fittings
- Metal flanges
- Flexible synthetic “bellows” middle section

Cut-Off Fitting (Lay-In)

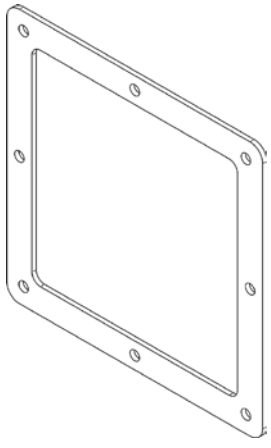


- Body comes in two pieces. Cut-off one piece, shorten cover, and weld together.

Tee Fitting



Box Connector



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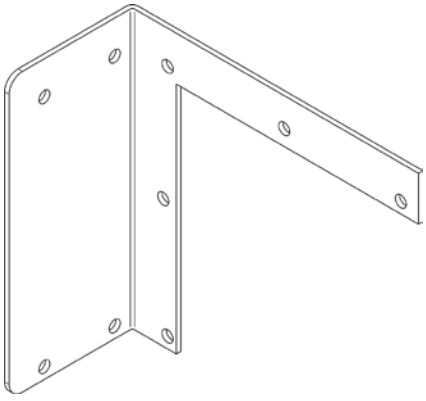
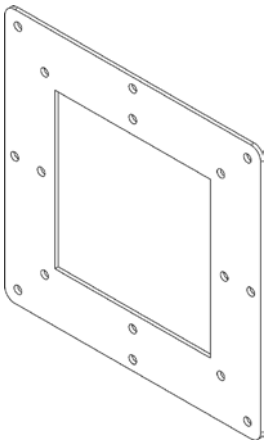
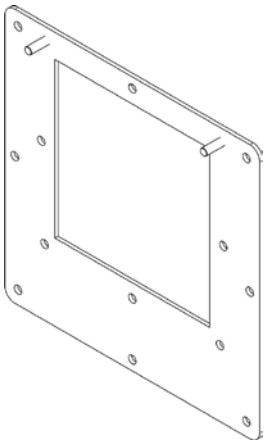
Bracket Hanger



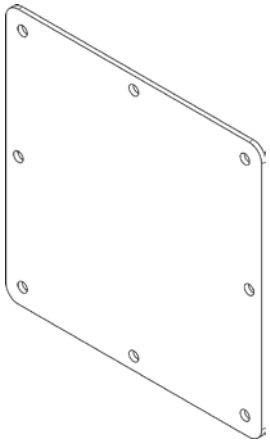
Reducers (Center Hole)



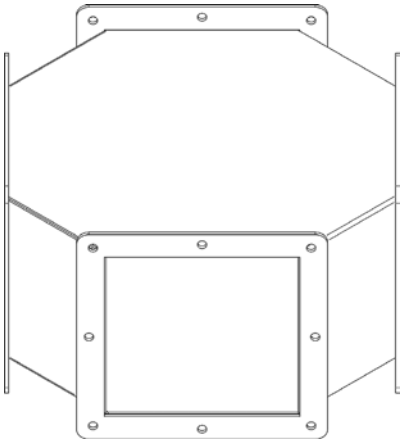
Reducers (Edge Hole)



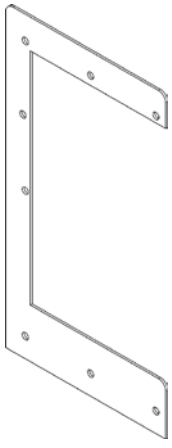
Cover Plate



Cross Fitting



Drop Hanger



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All dimensions in inches unless specified otherwise

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Type 4X Pull Through Wireway *1487SS Series*

Wireway & Accessories

Quick Link: hammfg.com/1487SS

Application

- Designed to enclose and protect electrical wiring from dirt, dust, oil and water.
- Ideal for connecting machines to control panels or power sources.

Standards

- UL 870 Type 1 (unless marked[1])
- CSA Type 1 (unless marked[1])
- Complies with
  - NEMA Type 4, 4X and 12
  - IEC 60529, IP66

Construction

- Bodies and covers are formed from 14 gauge 304 stainless steel with 10 gauge flanges.
- Continuous flange around wireway ends, requires cables to be pulled through.
- Smooth continuously welded seams.
- Interior surfaces are smooth to prevent wire damage during installation.
- Butt hinged covers are secured with easily operated screw clamps.
- Oil resistant gaskets are permanently secured.
- Solid oil resistant gaskets are used between flanges when sections and fittings are bolted together.
- One gasket kit, complete with hardware is provided with each straight section or fitting.

Finish

- Sections and fittings are natural stainless steel with a smooth brushed finish.

Description	4 x 4 Part No.	6 x 6 Part No.	8 x 8 Part No.
12” Section	**1487C12SS**	**1487D12SS**	**1487E12SS**
24” Section	**1487C24SS**	**1487D24SS**	**1487E24SS**
36” Section	**1487C36SS**	**1487D36SS**	**1487E36SS**
48” Section	**1487C48SS**	**1487D48SS**	**1487E48SS**
60” Section	**1487C60SS**	**1487D60SS**	**1487E60SS**
120” Section	**1487C120SS**	**1487D120SS**	**1487E120SS**
6” Nipple	**1487CM6SS**	**1487DM6SS**	**1487EM6SS**
Standard Swivel Nipple	**1487CV2SS**	**1487DV2SS**	**1487EV2SS**
Flexible Fitting	**1487CFFSS** [1]	**1487DFFSS** [1]	**1487EFFSS** [1]
Adjustable Fitting	**1487CXSS** [1]	**1487DXSS** [1]	**1487EXSS** [1]
90° Elbow	**1487C9PSS**	**1487D9PSS**	**1487E9PSS**
45° Elbow	**1487C4PSS**	**1487D4PSS**	**1487E4PSS**
Tee Fitting	**1487CTSS**	**1487DTSS**	**1487ETSS**
Center Hole Reducers			
Reducer - 6 x 6 to 4 x 4	-	**1487DRCSS** [2]	-
Reducer - 8 x 8 to 4 x 4	-	-	**1487ERCCSS** [2]
Reducer - 8 x 8 to 6 x 6	-	-	**1487ERCDSS** [2]
Edge Hole Reducers			
Reducer 6 x 6 to 4 x 4	-	**1487DRESS** [2]	-
Reducer 8 x 8 to 4 x 4	-	-	**1487ERECSS** [2]
Reducer 8 x 8 to 6 x 6	-	-	**1487EREDSS** [2]
Box Connector	**1487CKSS** [1]	**1487DKSS** [1]	**1487EKSS** [1]
Drop Hanger	**1487CL1SS** [1]	**1487DL1SS** [1]	**1487EL1SS** [1]
Bracket Hanger	**1487CL2SS** [1]	**1487DL2SS** [1]	**1487EL2SS** [1]
Cover Plate	**1487CHSS** [2]	**1487DHSS** [2]	**1487EHSS** [2]
Gasket & Screws	**1487CSSS** [1]	**1487DSSS** [1]	**1487ESSS** [1]

[1] Does not meet CSA or UL requirements
[2] Maintains ratings on CSA and UL approved wireway

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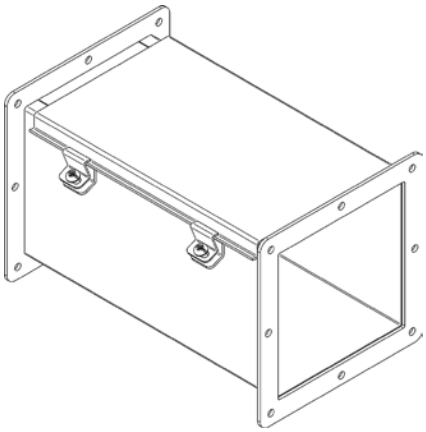
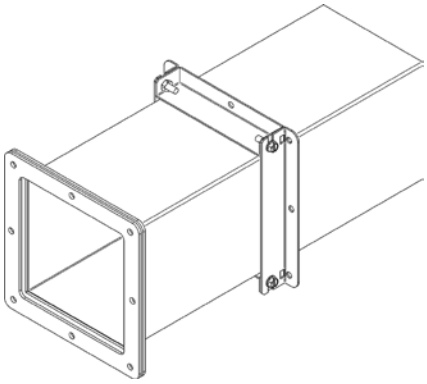
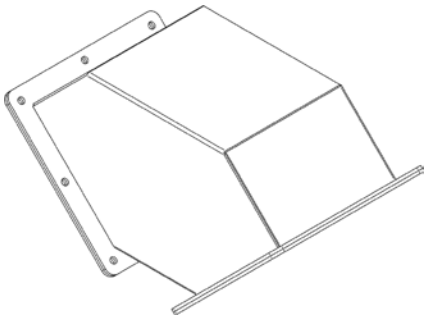
Typical Straight Section



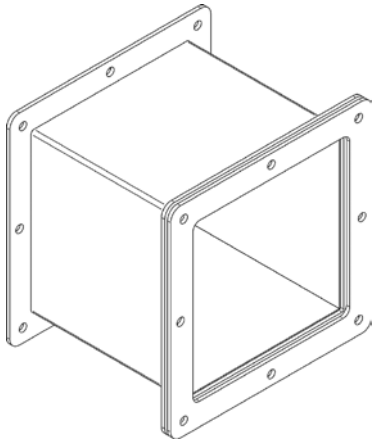
Adjustable Fitting



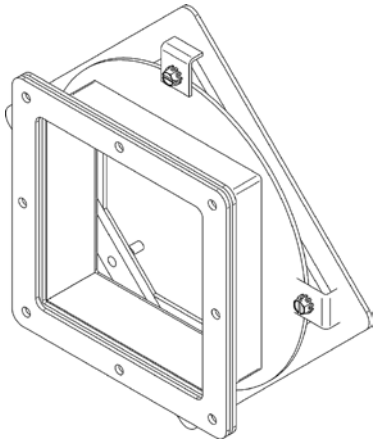
90 Degree Elbow



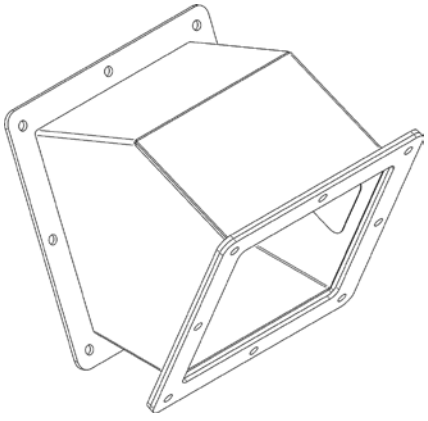
Nipple



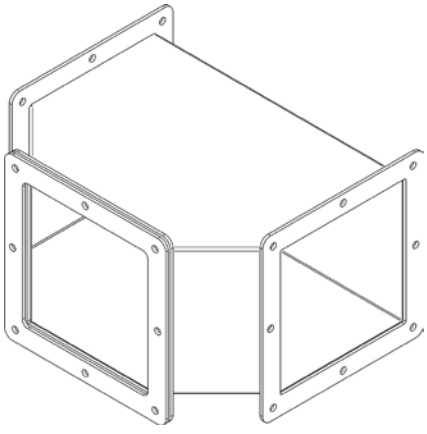
Swivel Nipple



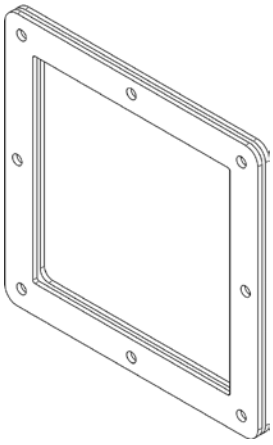
45 Degree Elbow



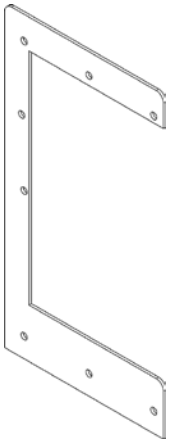
Tee Fitting



Box Connector



Drop Hanger



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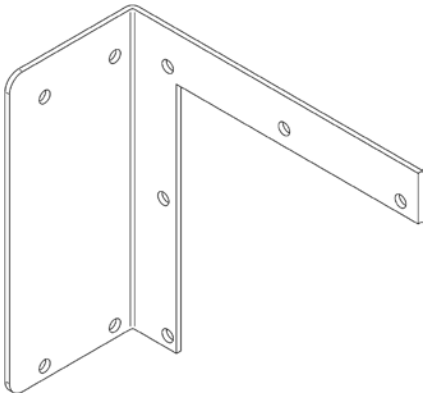
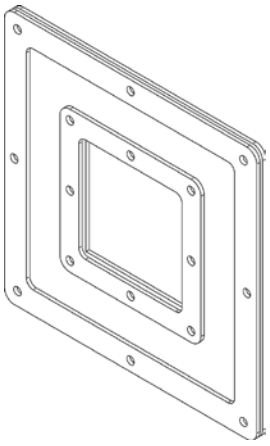
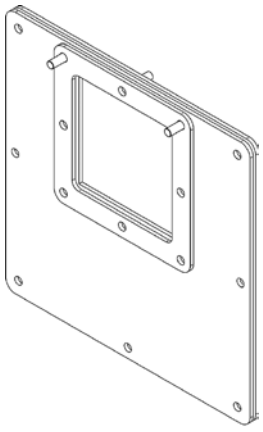
Bracket Hanger



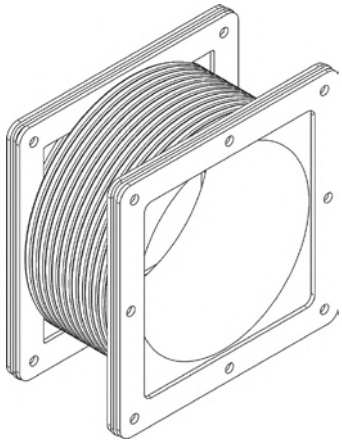
Reducers (Center Hole)



Reducers (Edge Hole)

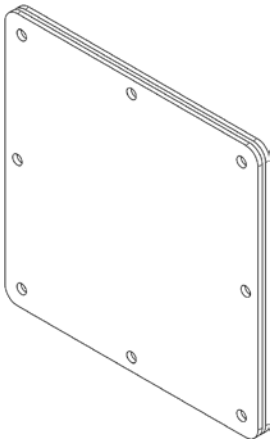


Flexible Fitting



- Allows for easy alignment of sections or fittings
- Metal flanges
- Flexible synthetic “bellows” middle section

Cover Plate



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Type 12 Wiring Trough *1486 Series*

Quick Link: hammfg.com/1486

Application

- Designed to enclose and protect multiple wiring junctions from dirt, dust, oil and water.

Standards

- UL 870 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54

Construction

- Formed 14 gauge steel.
- Smooth continuously welded seams.
- Butt hinged cover is secured with easily operated screw clamps.
- Oil resistant gaskets are permanently secured.
- 12 gauge external mounting feet are welded to the back.

Finish

- Troughs and covers are finished in ANSI 61 gray powder coating.

	Enclosure		
Part No.	H	D	L
1486B12	2.50	2.50	12.00
1486B18	2.50	2.50	18.00
1486B24	2.50	2.50	24.00
1486B30	2.50	2.50	30.00
1486B36	2.50	2.50	36.00
1486B48	2.50	2.50	48.00
1486B60	2.50	2.50	60.00
1486B72	2.50	2.50	72.00
1486C12	4.00	4.00	12.00
1486C18	4.00	4.00	18.00
1486C24	4.00	4.00	24.00
1486C30	4.00	4.00	30.00
1486C36	4.00	4.00	36.00
1486C48	4.00	4.00	48.00
1486C60	4.00	4.00	60.00
1486C72	4.00	4.00	72.00
1486D12	6.00	6.00	12.00
1486D18	6.00	6.00	18.00
1486D24	6.00	6.00	24.00
1486D30	6.00	6.00	30.00
1486D36	6.00	6.00	36.00
1486D48	6.00	6.00	48.00
1486D60	6.00	6.00	60.00
1486D72	6.00	6.00	72.00

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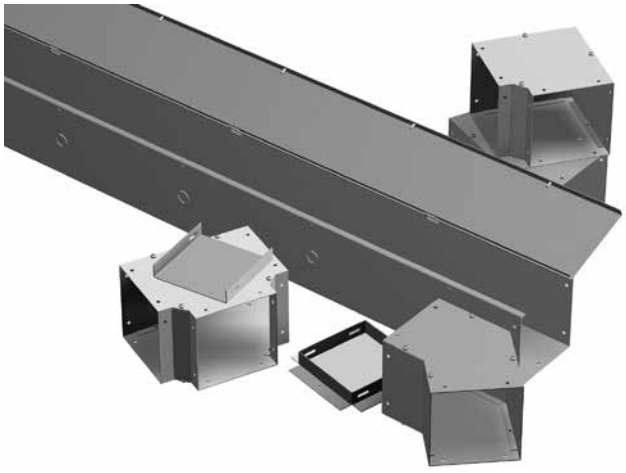
Type 1 Lay-In Wireway *CW Series*

Wireway & Accessories



Quick Link: hammfg.com/CW

Application

- Construction designed to ensure electrical continuity and to permit fast and easy indoor installation of multiple wireway runs.

Standards

- UL-50 Type 1
- cUL Type 1
- Complies with
  - IEC 60529, IP20

Construction - Screw Cover

- Formed from 16 or 14 gauge steel
- Flat covers have keyhole screw slots
- Straight sections do not have knockouts
- Unobstructed interior speeds up laying of cables
- Optional hanger brackets allow for vertical or horizontal mounting
- Joiners sold separately

Construction - Hinge Cover

- Formed from 16 or 14 gauge steel
- Hinge covers are hinged on 24” centers
- Straight sections are provided with adequate concentric knockouts (1/2”, 3/4” conduit size)
- Knockouts are on 12” centers
- Joiner is included with each straight section
- Unobstructed interior speeds up laying of cables
- Optional hanger brackets allow for vertical or horizontal mounting

Finish

- Sections and components are finished in ANSI 61 gray. Couplings are unpainted galvanized

Screw Cover - Straight Section

Length	Knock Outs	2.5 x 2.5	4 x 4	6 x 6	8 x 8	10 x 10	12 x 12
12.00	w/KO	**CWSC212**	**CWSC412**	**CWSC612**	**CWSC812**	-	**CWSC1212**
18.00	w/KO	-	-	-	-	-	-
24.00	w/KO	**CWSC224**	**CWSC424**	**CWSC624**	**CWSC824**	-	**CWSC1224**
36.00	w/KO	**CWSC236**	**CWSC436**	**CWSC636**	**CWSC836**	-	**CWSC1236**
48.00	w/KO	**CWSC248**	**CWSC448**	**CWSC648**	**CWSC848**	-	**CWSC1248**
60.00	w/KO	**CWSC260**	**CWSC460**	**CWSC660**	**CWSC860**	-	**CWSC1260**
72.00	w/KO	-	**CWSC472**	**CWSC672**	-	-	-
96.00	w/KO	-	-	-	-	-	-
120.00	w/KO	**CWSC2120**	**CWSC4120**	**CWSC6120**	**CWSC8120**	-	-
12.00	No KO	**CWSC212NK**	**CWSC412NK**	**CWSC612NK**	**CWSC812NK**	**CWSC1012NK**	**CWSC1212NK**
18.00	No KO	**-**	**CWSC418NK**	**CWSC618NK**	**CWSC818NK**	**-**	**-**
24.00	No KO	**CWSC224NK**	**CWSC424NK**	**CWSC624NK**	**CWSC824NK**	**CWSC1024NK**	**CWSC1224NK**
36.00	No KO	**CWSC236NK**	**CWSC436NK**	**CWSC636NK**	**CWSC836NK**	**CWSC1036NK**	**CWSC1236NK**
48.00	No KO	**CWSC248NK**	**CWSC448NK**	**CWSC648NK**	**CWSC848NK**	**CWSC1048NK**	**CWSC1248NK**
60.00	No KO	**CWSC260NK**	**CWSC460NK**	**CWSC660NK**	**CWSC860NK**	**CWSC1060NK**	**CWSC1260NK**
72.00	No KO	**-**	**CWSC472NK**	**CWSC672NK**	**CWSC872NK**	**CWSC1072NK**	**CWSC1272NK**
96.00	No KO	**-**	**-**	**-**	**-**	**CWSC1096NK**	**CWSC1296NK**
120.00	No KO	**CWSC2120NK**	**CWSC4120NK**	**CWSC6120NK**	**CWSC8120NK**	**CWSC10120NK**	**CWSC12120NK**

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Type 1 Lay-In Wireway *CW Series*

Wireway & Accessories

Hinge Cover - Straight Section

Length	Knock Outs	2.5 x 2.5	4 x 4	6 x 6	8 x 8	10 x 10	12 x 12
12.00	w/KO	CWST212	CWST412	CWST612	CWST812	-	-
18.00	w/KO	-	-	-	-	-	-
24.00	w/KO	CWST224	CWST424	CWST624	CWST824	-	-
36.00	w/KO	CWST236	CWST436	CWST636	CWST836	-	-
48.00	w/KO	CWST248	CWST448	CWST648	CWST848	-	-
60.00	w/KO	CWST260	CWST460	CWST660	CWST860	-	-
72.00	w/KO	CWST272	CWST472	CWST672	CWST872	-	-
96.00	w/KO	CWST296	CWST496	CWST696	CWST896	-	-
120.00	w/KO	CWST2120	CWST4120	CWST6120	CWST8120	-	-
12.00	No KO	CWST212NK	CWST412NK	CWST612NK	CWST812NK	CWST1012NK	CWST1212NK
18.00	No KO	-	CWST418NK	CWST618NK	CWST818NK	-	-
24.00	No KO	CWST224NK	CWST424NK	CWST624NK	CWST824NK	CWST1024NK	CWST1224NK
36.00	No KO	CWST236NK	CWST436NK	CWST636NK	CWST836NK	CWST1036NK	CWST1236NK
48.00	No KO	CWST248NK	CWST448NK	CWST648NK	CWST848NK	CWST1048NK	CWST1248NK
60.00	No KO	CWST260NK	CWST460NK	CWST660NK	CWST860NK	CWST1060NK	CWST1260NK
72.00	No KO	-	CWST472NK	CWST672NK	CWST872NK	CWST1072NK	CWST1272NK
96.00	No KO	-	CWST496NK	CWST696NK	CWST896NK	CWST1096NK	CWST1296NK
120.00	No KO	CWST2120NK	CWST4120NK	CWST6120NK	CWST8120NK	CWST10120NK	CWST12120NK

Accessories	2.5 x 2.5	4 x 4	6 x 6	8 x 8	10 x 10	12 x 12
Straight Section Barrier 60”	CWBA260	CWBA460	CWBA660	CWBA860	-	-
Elbow 90 degrees	CWEL290	CWEL490	CWEL690	CWEL890	CWEL1090	CWEL1290
Elbow 45 degrees	CWEL245	CWEL445	CWEL645	CWEL845	CWEL1045	CWEL1245
Elbow 22.5 degrees	CWEL222	CWEL422	CWEL622	CWEL822	-	-
Tee Fitting	CWTF2	CWTF4	CWTF6	CWTF8	CWTF10	CWTF12
Cross Fitting	CWCF2	CWCF4	CWCF6	CWCF8	CWCF10	CWCF12
Reducer 4 x 4 to 2.5 x 2.5	-	CWRD42	-	-	-	-
Reducer 6 x 6 to 4 x 4	-		CWRD64	-	-	-
Reducer 8 x 8 to 6 x 6	-	-	-	CWRD86	-	-
Reducer 10 x 10 to 8 x 8	-	-	-	-	CWRD108	-
Reducer 12 x 12 to 8 x 8	-	-	-	-	-	CWRD128
Reducer 12 x 12 to 10 x 10	-	-	-	-	-	CWRD1210
Corner Reducer 4 x 4 to 2.5 x 2.5	-	CWCRD42	-	-	-	-
Corner Reducer 6 x 6 to 4 x 4	-	-	CWCRD64	-	-	-
Corner Reducer 8 x 8 to 6 x 6	-	-	-	CWCRD86	-	-
Bracket Hanger Ceiling Type	CWHD2	CWHD4	CWHD6	CWHD8	CWHD10	CWHD12
Bracket Hanger Wall Type	CWHW2	CWHW4	CWHW6	CWHW8	CWHW10	CWHW12
Closing Plate	CWCP2	CWCP4	CWCP6	CWCP8	CWCP10	CWCP12
Closing Plate w/o Knockouts	CWCP2NK	CWCP4NK	CWCP6NK	CWCP8NK	CWCP10NK	CWCP12NK
Adapter (Box Connector)	CWAD2	CWAD4	CWAD6	CWAD8	CWAD10	CWAD12
Joiner	CWJO2	CWJO4	CWJO6	CWJO8	CWJO10	CWJO12
Telescope Fitting	CWTL2	CWTL4	CWTL6	CWTL8	CWTL10	CWTL12

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All dimensions in inches unless specified otherwise

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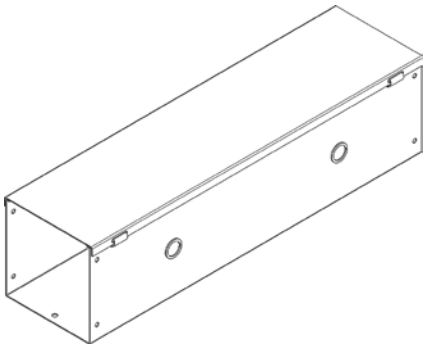
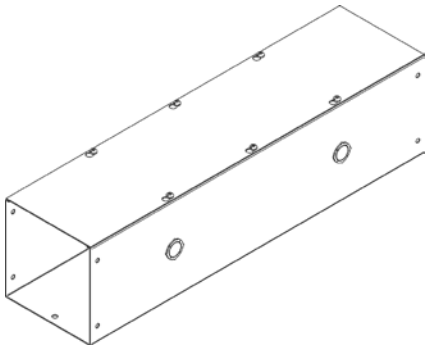
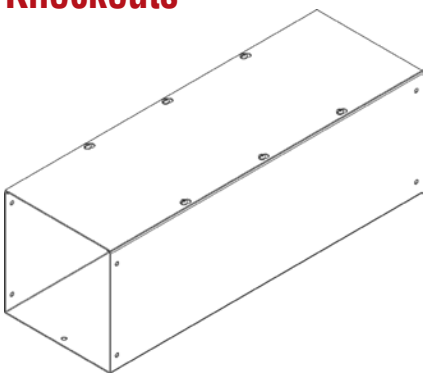
Type 1 Lay In Hinge Cover Wireway



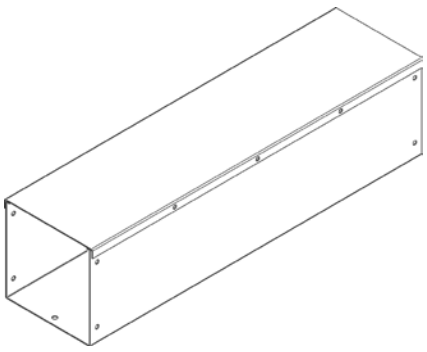
Type 1 Lay In Screw Cover Wireway



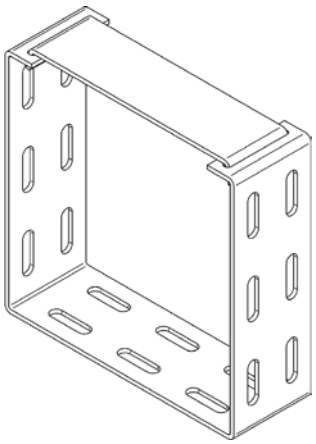
Type 1 Lay In Screw Cover Wireway - w/o Knockouts



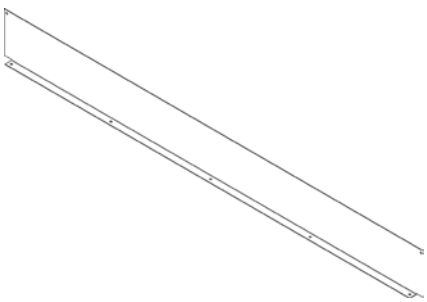
Type 1 Lay In Hinge Cover Wireway - w/o Knockouts



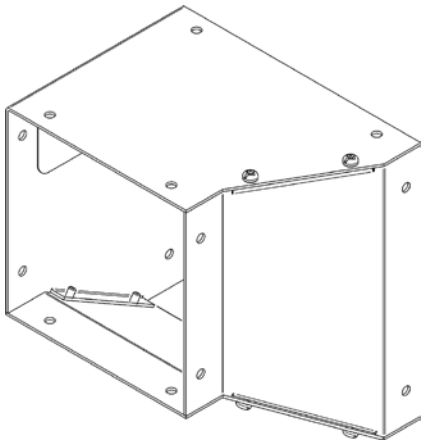
Joiner



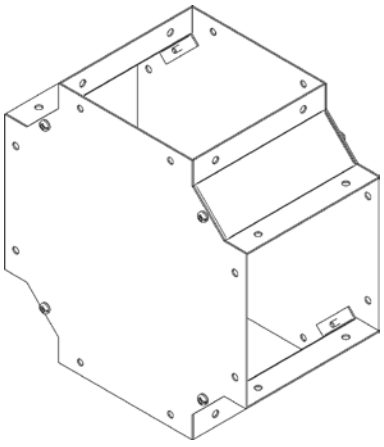
Straight Section Barrier



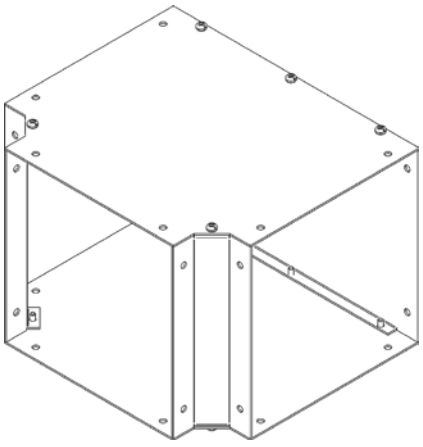
Corner Reducer



Cross Fitting



Tee Fitting



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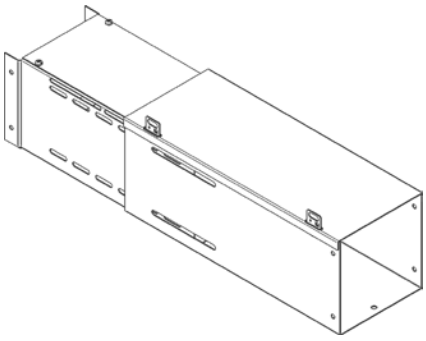
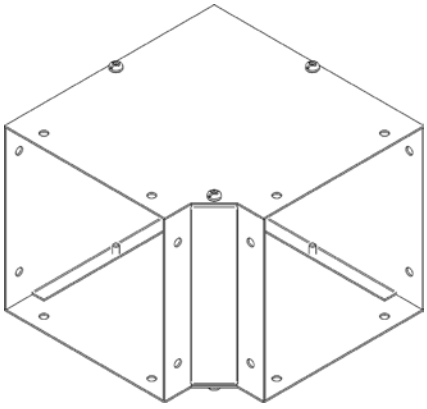
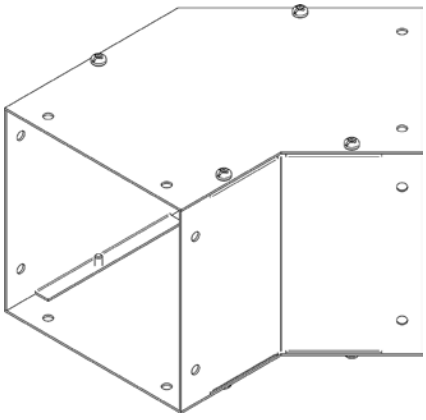
Telecope Fitting



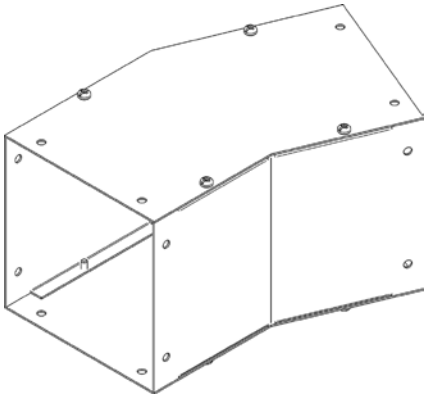
90 degree Elbow



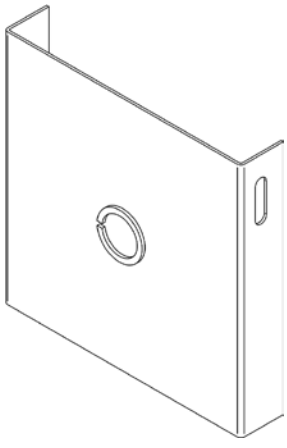
45 degree Elbow



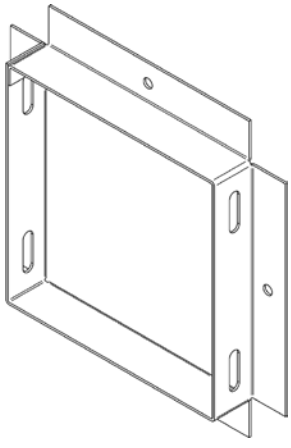
22.5 degree Elbow



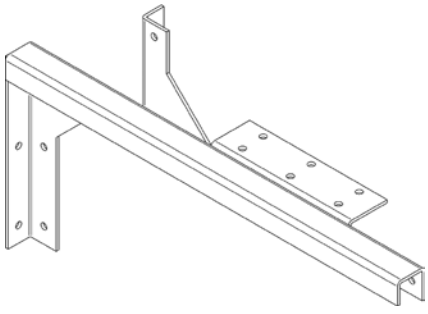
Closing Plate



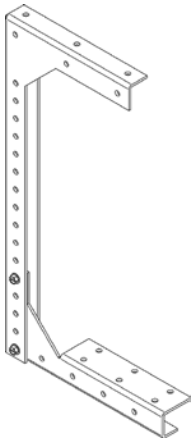
Adapter (Box Connector)



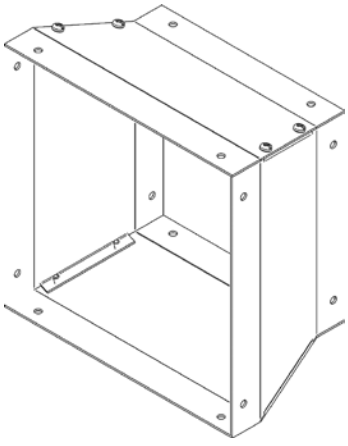
Bracket Hanger Wall Type



Bracket Hanger Ceiling Type



Reducer



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All dimensions in inches unless specified otherwise

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Type 3R Wiring Trough *C3RWT Series*

Quick Link: hammfg.com/C3RWT

Application

- Designed for use to protect multiple wiring junctions in outdoor environments against the ingress of rain, sleet, snow and the external formation of ice.

Standards

- UL870 Type 3R
- CSA Type 3R
- Complies with
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed and spot welded from 14 or 16 gauge galvanized steel
- Drip shield top design protects the enclosure against rain, snow or sleet
- Embossed mounting holes on back of enclosure
- Slip on removable front cover is secured with screws
- Padlocking hasp
- To fully comply with UL870 - 2008 requirements a bonding stud is provided on the cover and a ground stud is provided in the enclosure
- A #10 AWG - 12” grounding strap with crimped on ring terminals is also provided to comply with UL requirements

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

	Enclosure		
Part No.	H	D	L
C3RWT412	4.00	4.00	12.00
C3RWT418	4.00	4.00	18.00
C3RWT424	4.00	4.00	24.00
C3RWT436	4.00	4.00	36.00
C3RWT448	4.00	4.00	48.00
C3RWT460	4.00	4.00	60.00
C3RWT472	4.00	4.00	72.00
C3RWT612	6.00	6.00	12.00
C3RWT618	6.00	6.00	18.00
C3RWT624	6.00	6.00	24.00
C3RWT636	6.00	6.00	36.00
C3RWT648	6.00	6.00	48.00
C3RWT660	6.00	6.00	60.00
C3RWT672	6.00	6.00	72.00
C3RWT812	8.00	8.00	12.00
C3RWT824	8.00	8.00	24.00
C3RWT836	8.00	8.00	36.00
C3RWT848	8.00	8.00	48.00
C3RWT860	8.00	8.00	60.00

	Enclosure		
Part No.	H	D	L
C3RWT872	8.00	8.00	72.00
C3RWT896	8.00	8.00	96.00
C3RWT8116	8.00	8.00	116.00
C3RWT1024	10.00	10.00	24.00
C3RWT1036	10.00	10.00	36.00
C3RWT1048	10.00	10.00	48.00
C3RWT1060	10.00	10.00	60.00
C3RWT1072	10.00	10.00	72.00
C3RWT1096	10.00	10.00	96.00
C3RWT10116	10.00	10.00	116.00
C3RWT1224	12.00	12.00	24.00
C3RWT1236	12.00	12.00	36.00
C3RWT1248	12.00	12.00	48.00
C3RWT1260	12.00	12.00	60.00
C3RWT1272	12.00	12.00	72.00
C3RWT1284	12.00	12.00	84.00
C3RWT1296	12.00	12.00	96.00
C3RWT12116	12.00	12.00	116.00

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Commercial Enclosures

Type 1 Mild Steel Junction Box
CSKO Series
Screw Cover and w/ Knockouts 204

Type 1 Mild Steel Junction Box
CS Series
Screw Cover and without Knockouts 205

Type 1 Mild Steel Junction Box
CHKO Series
Hinge Door with Quarter Turn and w/ Knockouts..... 206

Type 1 Unpainted Galvanized Steel Junction Box
CSG Series
Screw Cover and without Knockouts 207

Type 1 Unpainted Galvanized Steel Junction Box
CSKOG Series
Screw Cover and w/ Knockouts 208

Type 3R Painted Galvanized Steel Junction Box
C3R SC NKO Series
Lift-Off Cover with Screws without Knockouts 209

Type 3R Painted Galvanized Steel Junction Box
C3R SC Series
Lift-Off Cover with Screws and w/ Knockouts 210

Type 3R Painted Galvanized Steel Junction Box
C3RESCNK Series
Screw Cover and without Knockouts 211

Type 3R Painted Galvanized Steel Junction Box
C3R HCR SM Series
Hinge Door with Snap Latch and w/ Knockouts..... 212

Type 3R Aluminum Junction Box
C3RESCNKAL Series
Screw Cover and without Knockouts 213

Type 1 Mild Steel Splitter Box
CSB Series
Hinged Door with Screw 214

Type 4/3R Mild Steel Splitter Box
CN4SB Series
Hinge Door with Quarter Turn 215

Splitter Blocks
CSBL Series 216

Grounding Kits
CGK Series 216

Type 1 Mild Steel Splitter Trough
CST Series
Hinged Door with Screw 217

Type 4/3R Mild Steel Splitter Trough
CN4ST Series
Hinge Door with Quarter Turn 218

Type 1 Mild Steel Metering Cabinets
CMC Series
Hinge Door with Quarter Turn 219

Type 1 Mild Steel Metering Cabinets (Hydro Quebec Version)
CMC Q Series
Hinge Door with Quarter Turn 220

Type 1 Mild Steel Metering Cabinets (Ontario Hydro Version)
CMC O Series
Hinge Door with Handle and Viewing Window..... 221

Type 3R Mild Steel Metering Cabinets
C3RMC Series
Hinge Door with Handle..... 222

Type 3R Current Transformer Cabinet
HCT Series
Single and Double Door Enclosures..... 223

Type 1 Mild Steel Small Wallmount Enclosure
N1J Series
Hinge Door with Quarter Turn 224

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Commercial Enclosures

Type 1 Mild Steel Wallmount Enclosure
N1A Series
Hinge Door with Quarter Turn 225

Type 1 Mild Steel Wallmount Enclosure
1420 Series
Hinge Door with Quarter Turn and w/ Mounting Flange
..... 226

Type 1 Mild Steel 3 Piece Wallmount Enclosure
N1W S Series
Hinge Door with Quarter Turn 227

Type 1 Mild Steel 3 Piece Flushmount Enclosure
N1W F Series
Hinge Door with Quarter Turn 228

Type 3R Painted Galvanized Steel Wallmount Enclosure
C3R HCRMD Series
Continuous Hinge Door with Screws 229

Type 3R Painted Galvanized Steel Enclosure
C3R HCLO Series
Lift-Off Hinge Door with Snap Latch 230

Type 1 Mild Steel Component Case
1416 Series
Ventilated Cover with Screws 231

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Type 1 Mild Steel Junction Box *CSKO Series*

Screw Cover and w/ Knockouts

Quick Link: hammfg.com/CSKO

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with:
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Easily removed knockouts on all 4 sides (see drawings for sizes and locations).
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Flush Covers...*See Page* ***311***

	Enclosure		
Part No.	H	W	D
CSKO443	4.00	4.00	3.00
CSKO663	6.00	6.00	3.00
CSKO863	8.00	6.00	3.00
CSKO16143	16.00	14.00	3.00
CSKO18143	18.00	14.00	3.00
CSKO20143	20.00	14.00	3.00
CSKO444	4.00	4.00	4.00
CSKO644	6.00	4.00	4.00
CSKO664	6.00	6.00	4.00
CSKO864	8.00	6.00	4.00
CSKO884	8.00	8.00	4.00
CSKO1084	10.00	8.00	4.00
CSKO10104	10.00	10.00	4.00
CSKO1284	12.00	8.00	4.00
CSKO12104	12.00	10.00	4.00
CSKO12124	12.00	12.00	4.00
CSKO16124	16.00	12.00	4.00
CSKO18124	18.00	12.00	4.00
CSKO18184	18.00	18.00	4.00
CSKO24244	24.00	24.00	4.00
CSKO666	6.00	6.00	6.00
CSKO886	8.00	8.00	6.00
CSKO1086	10.00	8.00	6.00
CSKO10106	10.00	10.00	6.00
CSKO12106	12.00	10.00	6.00
CSKO12126	12.00	12.00	6.00
CSKO16126	16.00	12.00	6.00
CSKO16166	16.00	16.00	6.00
CSKO18126	18.00	12.00	6.00
CSKO18186	18.00	18.00	6.00
CSKO24186	24.00	18.00	6.00
CSKO24246	24.00	24.00	6.00
CSKO30246	30.00	24.00	6.00
CSKO36246	36.00	24.00	6.00
CSKO12128	12.00	12.00	8.00
CSKO16168	16.00	16.00	8.00
CSKO24248	24.00	24.00	8.00
CSKO202010	20.00	20.00	10.00
CSKO242410	24.00	24.00	10.00
CSKO302010	30.00	20.00	10.00
CSKO362410	36.00	24.00	10.00

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All dimensions in inches unless specified otherwise

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Type 1 Mild Steel Junction Box *CS Series*

Screw Cover and without Knockouts

Quick Link: hammfg.com/CS

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Formed and spot welded from 16, 14 or 12 gauge steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Flush Covers...*See Page* ***311***

	Enclosure		
Part No.	H	W	D
CS443	4.00	4.00	3.00
CS663	6.00	6.00	3.00
CS863	8.00	6.00	3.00
CS16143	16.00	14.00	3.00
CS18143	18.00	14.00	3.00
CS20143	20.00	14.00	3.00
CS444	4.00	4.00	4.00
CS644	6.00	4.00	4.00
CS664	6.00	6.00	4.00
CS864	8.00	6.00	4.00
CS884	8.00	8.00	4.00
CS1084	10.00	8.00	4.00
CS10104	10.00	10.00	4.00
CS1284	12.00	8.00	4.00
CS12104	12.00	10.00	4.00
CS12124	12.00	12.00	4.00
CS16124	16.00	12.00	4.00
CS18124	18.00	12.00	4.00
CS18184	18.00	18.00	4.00
CS24244	24.00	24.00	4.00
CS666	6.00	6.00	6.00
CS886	8.00	8.00	6.00
CS1086	10.00	8.00	6.00
CS10106	10.00	10.00	6.00
CS12106	12.00	10.00	6.00
CS12126	12.00	12.00	6.00
CS16126	16.00	12.00	6.00
CS16166	16.00	16.00	6.00
CS18126	18.00	12.00	6.00
CS18186	18.00	18.00	6.00
CS24186	24.00	18.00	6.00
CS24246	24.00	24.00	6.00
CS30246	30.00	24.00	6.00
CS36246	36.00	24.00	6.00
CS36366	36.00	36.00	6.00
CS12128	12.00	12.00	8.00
CS16168	16.00	16.00	8.00
CS18188	18.00	18.00	8.00
CS24248	24.00	24.00	8.00
CS36248	36.00	24.00	8.00
CS202010	20.00	20.00	10.00
CS242410	24.00	24.00	10.00
CS302010	30.00	20.00	10.00
CS362410	36.00	24.00	10.00
CS363612	36.00	36.00	12.00

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Data Subject to change without notice

Type 1 Mild Steel Junction Box *CHKO Series*

Hinge Door with Quarter Turn and w/ Knockouts

Quick Link: hammfg.com/CHKO

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.
- Hinged cover with latch provides easy access during installation and maintenance.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge steel depending on size.
- Formed steel covers close by use of slotted quarter turn latch.
- Full swing door using butt hinges.
- Easily removed knockouts on all 4 sides (see drawings for sizes and locations).
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Type 1 Lock Kit...*See Page* ***270***

	Enclosure		
Part No.	H	W	D
CHKO663	6.00	6.00	3.50
CHKO644	6.00	4.00	4.00
CHKO664	6.00	6.00	4.00
CHKO864	8.00	6.00	4.00
CHKO884	8.00	8.00	4.00
CHKO1084	10.00	8.00	4.00
CHKO10104	10.00	10.00	4.00
CHKO1284	12.00	8.00	4.00
CHKO12104	12.00	10.00	4.00
CHKO12124	12.00	12.00	4.00
CHKO16124	16.00	12.00	4.00
CHKO18124	18.00	12.00	4.00
CHKO666	6.00	6.00	6.00
CHKO886	8.00	8.00	6.00
CHKO1086	10.00	8.00	6.00
CHKO10106	10.00	10.00	6.00
CHKO12106	12.00	10.00	6.00
CHKO12126	12.00	12.00	6.00
CHKO16126	16.00	12.00	6.00
CHKO16166	16.00	16.00	6.00
CHKO18126	18.00	12.00	6.00
CHKO18186	18.00	18.00	6.00
CHKO24186	24.00	18.00	6.00
CHKO24246	24.00	24.00	6.00
CHKO30246	30.00	24.00	6.00
CHKO36246	36.00	24.00	6.00
CHKO36248	36.00	24.00	8.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 1 Unpainted Galvanized Steel Junction Box *CSG Series*

Screw Cover and without Knockouts

Quick Link: hammfg.com/CSG

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge G90 galvanized steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are unpainted galvanized steel.

	Enclosure		
Part No.	H	W	D
CSG664	6.00	6.00	4.00
CSG884	8.00	8.00	4.00
CSG10104	10.00	10.00	4.00
CSG12124	12.00	12.00	4.00
CSG666	6.00	6.00	6.00
CSG886	8.00	8.00	6.00
CSG10106	10.00	10.00	6.00
CSG12106	12.00	10.00	6.00
CSG12126	12.00	12.00	6.00
CSG18126	18.00	12.00	6.00
CSG18186	18.00	18.00	6.00
CSG24246	24.00	24.00	6.00
CSG12128	12.00	12.00	8.00
CSG18188	18.00	18.00	8.00
CSG24248	24.00	24.00	8.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 1 Unpainted Galvanized Steel Junction Box *CSKOG Series*

Screw Cover and w/ Knockouts

Quick Link: hammfg.com/CSKOG

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with:
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge G90 galvanized steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Easily removed knockouts on all 4 sides (see drawings for sizes and locations).
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are unpainted galvanized steel.

	Enclosure		
Part No.	H	W	D
CSKOG664	6.00	6.00	4.00
CSKOG884	8.00	8.00	4.00
CSKOG10104	10.00	10.00	4.00
CSKOG12124	12.00	12.00	4.00
CSKOG666	6.00	6.00	6.00
CSKOG886	8.00	8.00	6.00
CSKOG10106	10.00	10.00	6.00
CSKOG12126	12.00	12.00	6.00
CSKOG12128	12.00	12.00	8.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 3R Painted Galvanized Steel Junction Box *C3R SC NKO Series*

Lift-Off Cover with Screws without Knockouts

Quick Link: hammfg.com/C3RSCNKO

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed and spot welded from 16 or 14 gauge galvanized steel.
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- Door handles on body type C enclosures.
- Embossed mounting holes on back of enclosure.
- Padlocking hasp.
- No Gasket.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Part No.	Enclosure H	W	D
C3R664SCNKO	6.00	6.00	4.00
C3R884SCNKO	8.00	8.00	4.00
C3R10104SCNKO	10.00	10.00	4.00
C3R12124SCNKO	12.00	12.00	4.00
C3R10106SCNKO	10.00	10.00	6.00
C3R12126SCNKO	12.00	12.00	6.00
C3R16126SCNKO	16.00	12.00	6.00
C3R18186SCNKO	18.00	18.00	6.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 3R Painted Galvanized Steel Junction Box *C3R SC Series*

Lift-Off Cover with Screws and w/ Knockouts

Quick Link: hammfg.com/C3RSC

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed and spot welded from 16 or 14 gauge galvanized steel.
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- Door handles on body type C enclosures.
- Embossed mounting holes on back of enclosure.
- Easily removed knockouts on bottom of enclosure.
- Padlocking hasp.
- No Gasket.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

	Enclosure		
Part No.	H	W	D
C3R444SC	4.00	4.00	4.00
C3R644SC	6.00	4.00	4.00
C3R1244SC	12.00	4.00	4.00
C3R664SC	6.00	6.00	4.00
C3R864SC	8.00	6.00	4.00
C3R884SC	8.00	8.00	4.00
C3R1084SC	10.00	8.00	4.00
C3R1284SC	12.00	8.00	4.00
C3R10104SC	10.00	10.00	4.00
C3R12104SC	12.00	10.00	4.00
C3R12124SC	12.00	12.00	4.00
C3R18124SC	18.00	12.00	4.00
C3R18184SC	18.00	18.00	4.00
C3R666SC	6.00	6.00	6.00
C3R1866SC	18.00	6.00	6.00
C3R886SC	8.00	8.00	6.00
C3R1086SC	10.00	8.00	6.00
C3R10106SC	10.00	10.00	6.00
C3R1286SC	12.00	8.00	6.00
C3R12106SC	12.00	10.00	6.00
C3R12126SC	12.00	12.00	6.00
C3R15126SC	15.00	12.00	6.00
C3R16126SC	16.00	12.00	6.00
C3R18126SC	18.00	12.00	6.00
C3R18186SC	18.00	18.00	6.00
C3R24126SC	24.00	12.00	6.00
C3R24186SC	24.00	18.00	6.00
C3R24246SC	24.00	24.00	6.00
C3R888SC	8.00	8.00	8.00
C3R2488SC	24.00	8.00	8.00
C3R12128SC	12.00	12.00	8.00
C3R15128SC	15.00	12.00	8.00
C3R18128SC	18.00	12.00	8.00
C3R24168SC	24.00	16.00	8.00
C3R18188SC	18.00	18.00	8.00
C3R24188SC	24.00	18.00	8.00
C3R24208SC	24.00	20.00	8.00
C3R24248SC	24.00	24.00	8.00
C3R30248SC	30.00	24.00	8.00
C3R48368SC	48.00	36.00	8.00
C3R181810SC	18.00	18.00	10.00
C3R241810SC	24.00	18.00	10.00
C3R242410SC	24.00	24.00	10.00
C3R302410SC	30.00	24.00	10.00
C3R242412SC	24.00	24.00	12.00
C3R303012SC	30.00	30.00	12.00
C3R363012SC	36.00	30.00	12.00
C3R363612SC	36.00	36.00	12.00
C3R303016SC	30.00	30.00	16.00
C3R483616SC	48.00	36.00	16.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 3R Painted Galvanized Steel Junction Box *C3RESCNK Series*

Screw Cover and without Knockouts

Quick Link: hammfg.com/C3RESCNK

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed and spot welded from 16 gauge galvanized steel (24x24x6 is 14 gauge).
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- External mounting feet
- Oil resistant gaskets are permanently secured
- A bonding stud is provided on the door and a grounding stud is provided in the box.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Part No.	Enclosure H	W	D
C3R664ESCNK	6.00	6.00	4.00
C3R884ESCNK	8.00	8.00	4.00
C3R886ESCNK	8.00	8.00	6.00
C3R10104ESCNK	10.00	10.00	4.00
C3R10106ESCNK	10.00	10.00	6.00
C3R12124ESCNK	12.00	12.00	4.00
C3R12126ESCNK	12.00	12.00	6.00
C3R16166ESCNK	16.00	16.00	6.00
C3R18186ESCNK	18.00	18.00	6.00
C3R24246ESCNK	24.00	24.00	6.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 3R Painted Galvanized Steel Junction Box *C3R HCR SM Series*

Hinge Door with Snap Latch and w/ Knockouts

Quick Link: hammfg.com/C3RHCRSM

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed and spot welded from 16 gauge galvanized steel.
- Drip-shield top and seam-free sides, front and back.
- Galvanized steel hinge has stainless steel pin.
- Provisions for padlocking on zinc-plated draw pull catch.
- Easily removed knockouts on bottom of enclosure.
- Panel studs provided for mounting optional panels.
- External mounting feet.
- Oil resistant gaskets are permanently secured.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page* ***284***
- Perforated Inner Panels...*See Page* ***287***

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	Part No.	H	W
C3R644HCR	6.00	4.00	4.00	**N1JP64**	4.25	2.25
C3R664HCR	6.00	6.00	4.00	**N1JP66**	4.25	4.25
C3R864HCR	8.00	6.00	4.00	**N1JP86**	6.25	4.25
C3R886HCR	8.00	8.00	6.00	**N1JP88**	6.25	6.25
C3R1086HCR	10.00	8.00	6.00	**N1JP108**	8.25	6.25
C3R12106HCR	12.00	10.00	6.00	**N1JP1210**	10.25	8.25
C3R12126HCR	12.00	12.00	6.00	**N1JP1212**	10.25	10.25
C3R121210HCR	12.00	12.00	10.00	**N1JP1212**	10.25	10.25

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 3R Aluminum Junction Box *C3RESCNKAL Series*

Screw Cover and without Knockouts

Quick Link: hammfg.com/C3RESCNKAL

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed from 0.08" Type 5052 H-32 aluminum
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- External mounting feet.
- Oil resistant gaskets are permanently secured.
- A bonding stud is provided on the door and a grounding stud is provided in the box..

Finish

- Enclosure and cover are finished in natural unfinished aluminum.

	Enclosure		
Part No.	H	W	D
C3R664ESCNKAL	6.00	6.00	4.00
C3R884ESCNKAL	8.00	8.00	4.00
C3R886ESCNKAL	8.00	8.00	6.00
C3R10104ESCNKAL	10.00	10.00	4.00
C3R10106ESCNKAL	10.00	10.00	6.00
C3R12124ESCNKAL	12.00	12.00	4.00
C3R12126ESCNKAL	12.00	12.00	6.00

Technical references and CAD downloads available at www.hammondmfg.com

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Type 1 Mild Steel Splitter Box *CSB Series*

Hinged Door with Screw

Quick Link: hammfg.com/CSB

Application

- The splitter boxes are designed for indoor distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Type 1
- Complies with
  - IEC 60529, IP20

Construction

- Formed and spot welded from 14 or 16 gauge steel.
- Factory installed splitter blocks - 3 or 4 wire option. Empty box without splitter blocks also offered.
- Series of knockouts on each side.
- Padlocking hasp.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Splitter Blocks...*See Page* ***216***
- Grounding Kits...*See Page* ***216***

3 Wire Part No.	4 Wire Part No.	Less Blocks Part No.	CU/AL Amps	Enclosure H	W	D
CSB73	**CSB74**	**CSB70**	70/70	12.00	10.00	4.00
CSB103	**CSB104**	**CSB100**	125/120	15.00	10.00	4.00
CSB203	**CSB204**	**CSB200**	225/225	18.00	12.00	5.00
CSB403	**CSB404**	**CSB400**	400/340	24.00	17.00	6.00
CSB603*	**CSB604***	**CSB600***	600/574	30.00	24.00	7.00

* 14 gauge steel

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 4/3R Mild Steel Splitter Box *CN4SB Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/CN4SB

Application

- The splitter boxes are designed for distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Type 3R, 12, 4
- Complies with
  - IEC 60529, IP66

Construction

- Formed 16 gauge steel (14 gauge on 30x24)
- Factory installed splitter blocks.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Inner panel is included.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Quarter Turn Inserts and Keys...*See Page* ***273***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Replacement Hinge Pins...*See Page* ***274***
- Quarter Turn Assemblies...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Splitter Blocks...*See Page* ***216***
- Grounding Kits...*See Page* ***216***
- Ventilation...*See Page* ***259***

3 Wire Part No.	4 Wire Part No.	CU/AL Amps	Enclosure H	Enclosure W	Enclosure D	Optional Grounding Kit
CN4SB73	**CN4SB74**	70/70	12.00	10.00	5.00	**CGK125**
CN4SB103	**CN4SB104**	125/120	15.00	10.00	5.00	**CGK125**
CN4SB203	**CN4SB204**	225/225	18.00	12.00	5.00	**CGK225**
CN4SB403	**CN4SB404**	400/340	24.00	17.00	6.00	**CGK400**
CN4SB603*	**CN4SB604***	600/574	30.00	24.00	7.00	**CGK600**

* 14 gauge steel

Technical references and CAD downloads available at www.hammondmfg.com

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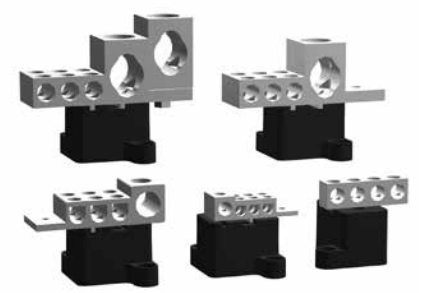
Splitter Blocks



Application

- These blocks are used in Hammond standard splitter troughs and boxes.
- The design includes the main and branch lugs which can use either copper or aluminum conductors.
- All blocks are rated 600 V.

Construction

- Cu-Al monopiece connectors are secured to insulators.
- Each block includes a main lug and branch lugs.

Finish

- N/A

Part No.	Main Lug Ampacity	Max./Min. Wire Capacity	Branch Lugs Ampacity	Max./ Min. Wire Capacity
CSBL125B	125	1/0 - 14	3/70	3 x (2-14)
CSBL125T	125	1/0 - 14	6/70	6 x (2-14)
CSBL225	225	300MCM - 6	6/125	6 x (2/0-14)
CSBL400	400	600MCM - 4 or (2x) 250 MCM - 1/0	6/200	6 x (3/0-14)
CSBL600	600	(2x) 600MCM - 4 or (4x) 250MCM - 1/0	6/200	6 x (3/0-14)

Grounding Kits

Application

- Designed for use with aluminum and copper conductors.

Standards

- CSA Certified

Construction

- Lugs are constructed from high strength, high conductive aluminum alloy 6061-T6, rated at 90°C.
- Kits are supplied with all necessary mounting hardware.

Finish

- N/A

Part No.	Application	Number of Circuits and Wire Sizes
CGK125	Splitter Box 70 A, 125 A	4 x (2-14 CU-AL)
CGK225	Splitter Box 225 A/Trough 70 A, 125A, 225 A	7 x (2-14 CU-AL)
CGK400	Splitter Box/Trough 400 A	7 x (2-14 CU-AL) & 1 x (1/0-14 CU-AL)
CGK600	Splitter Box/Trough 600 A	7 x (2-14 CU-AL) & 1 x (300 MCM - 6 CU-AL)
CGK	Junction/Pull Box	3 x (4-14 CU-AL)

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 1 Mild Steel Splitter Trough *CST Series*

Hinged Door with Screw

Application

- The splitter troughs are designed for distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Certified
- Complies with
  - IEC 60529, IP20

Construction

- Formed and spot welded from 16 gauge steel. When width is 8" or more, 14 gauge.
- Factory installed splitter blocks.
- Series of knockouts on each side.
- Padlocking hasp.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.

Accessories

- Splitter Blocks...*See Page* ***216***
- Grounding Kits...*See Page* ***216***

Quick Link: hammfg.com/CST

3 Wire Part No.	4 Wire Part No.	Less Blocks Part No.	CU/AL Amps	Dimensions H	W	D
CST273	**CST274**	-	70/70	24.00	6.00	4.00
CST373	**CST374**	-	70/70	36.00	6.00	4.00
CST473	**CST474**	-	70/70	48.00	6.00	4.00
CST2103	**CST2104**	**CST2100**	125/120	24.00	6.00	4.00
CST3103	**CST3104**	**CST3100**	125/120	36.00	6.00	4.00
CST4103	**CST4104**	**CST4100**	125/120	48.00	6.00	4.00
CST6103*	**CST6104***	**CST6100***	125/120	72.00	8.00	5.00
CST2203*	-	**CST2200***	225/225	24.00	8.00	5.00
CST3203*	**CST3204***	**CST3200***	225/225	36.00	8.00	5.00
CST4203*	**CST4204***	**CST4200***	225/225	48.00	8.00	5.00
CST5203*	**CST5204***	**CST5200***	225/225	60.00	8.00	5.00
CST6203*	**CST6204***	**-**	225/225	72.00	8.00	5.00
CST3403*	-	**CST3400***	400/340	36.00	10.00	6.00
CST4403*	**CST4404***	**CST4400***	400/340	48.00	10.00	6.00
CST5403*	**CST5404***	**CST5400***	400/340	60.00	10.00	6.00
CST6403*	**CST6404***	**CST6400***	400/340	72.00	10.00	6.00
CST4603*	**CST4604***	-	600/574	48.00	10.00	6.00
CST5603*	**CST5604***	-	600/574	60.00	10.00	6.00
CST6603*	**CST6604***	-	600/574	72.00	10.00	6.00

* 14 gauge steel

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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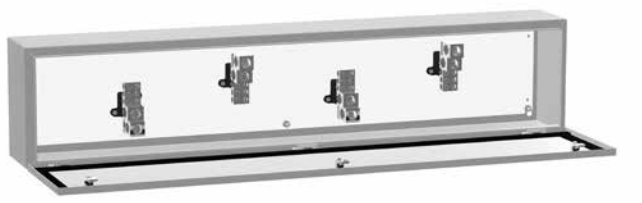
Type 4/3R Mild Steel Splitter Trough *CN4ST Series*

Hinge Door with Quarter Turn



Inner Panel Included

Quick Link: hammfg.com/CN4ST

Application

- The splitter troughs are designed for distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Certified Type 3R, 12, 4
- Complies with
  - IEC 60529, IP66

Construction

- Formed and spot welded from 16 gauge steel. When width is 8" or more, 14 gauge.
- Factory installed splitter blocks.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Inner panel is included.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Quarter Turn Inserts and Keys...*See Page* ***273***
- Mounting Foot Kit...*See Page* ***277***
- Rear Hole Plugs...*See Page* ***277***
- Replacement Hinge Pins...*See Page* ***274***
- Quarter Turn Assemblies...*See Page* ***273***
- Padlock Adaptor...*See Page* ***272***
- Splitter Blocks...*See Page* ***216***
- Grounding Kits...*See Page* ***216***

3 Wire Part No.	4 Wire Part No.	CU/AL Amps	Enclosure H	Enclosure W	Enclosure D	Optional Grounding Kit
CN4ST273	**CN4ST274**	70/70	24.00	6.00	5.00	**CGK225**
CN4ST373	**CN4ST374**	70/70	36.00	6.00	5.00	**CGK225**
CN4ST473	**CN4ST474**	70/70	48.00	6.00	5.00	**CGK225**
CN4ST2103	**CN4ST2104**	125/120	24.00	6.00	5.00	**CGK225**
CN4ST3103	**CN4ST3104**	125/120	36.00	6.00	5.00	**CGK225**
CN4ST4103	**CN4ST4104**	125/120	48.00	6.00	5.00	**CGK225**
CN4ST6103	**CN4ST6104**	125/120	72.00	8.00	6.00	**CGK225**
CN4ST2203	-	225/225	24.00	8.00	5.00	**CGK225**
CN4ST3203	**CN4ST3204**	225/225	36.00	8.00	6.00	**CGK225**
CN4ST4203	**CN4ST4204**	225/225	48.00	8.00	6.00	**CGK225**
CN4ST5203	**CN4ST5204**	225/225	60.00	8.00	6.00	**CGK225**
CN4ST6203	**CN4ST6204**	225/225	72.00	8.00	6.00	**CGK225**
CN4ST3403	-	400/340	36.00	10.00	6.00	**CGK400**
CN4ST4403	**CN4ST4404**	400/340	48.00	10.00	6.00	**CGK400**
CN4ST5403	**CN4ST5404**	400/340	60.00	10.00	6.00	**CGK400**
CN4ST6403	**CN4ST6404**	400/340	72.00	10.00	6.00	**CGK400**
CN4ST4603	**CN4ST4604**	600/574	48.00	10.00	6.00	**CGK600**
CN4ST5603	**CN4ST5604**	600/574	60.00	10.00	6.00	**CGK600**
CN4ST6603	**CN4ST6604**	600/574	72.00	10.00	6.00	**CGK600**

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 1 Mild Steel Metering Cabinets *CMC Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/CMC

Application

- Designed for indoor housing of metering transformers.

Standards

- CSA Type 1
- Complies with
  - IEC 60529, IP20

Construction

- Formed and spot welded from 14 or 16 gauge steel.
- Spot welded construction and formed edges.
- Removable inner panel.
- Single and Double Door versions
- Hinged covers - single door with hasp closure, double door with hasp and quarter turn closure.
- 2 cutouts in top of each cabinet with metering plates included (except 27x13x10")

Finish

- Enclosure and cover are finished in ANSI 61 gray inside and out.
- Inner panel is finished in white powder coating

Part No.	Type of Door	Enclosure H	Enclosure W	Enclosure D	Inner Panel H	Inner Panel W
CMC202010	Single	20.00	20.00	10.00	16.00	16.00
CMC271310*	Single	27.00	13.00	10.00	23.00	9.00
CMC302010	Single	30.00	20.00	10.00	26.00	16.00
CMC303010	Double	30.00	30.00	10.00	26.00	26.00
CMC363612	Double	36.00	36.00	12.00	32.00	32.00
CMC484812	Double	48.00	48.00	12.00	44.00	44.00

* No cutouts in top or metering plates

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 1 Mild Steel Metering Cabinets (Hydro Quebec Version) *CMC Q Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/CMCQ

Application

- Designed for indoor housing of metering transformers per Hydro Quebec specifications.

Standards

- CSA Type 1
- Complies with
  - IEC 60529, IP20

Construction

- Formed and spot welded from 14 or 16 gauge steel.
- Spot welded construction and formed edges.
- Removable inner panels.
- Hinged covers.
- 2 cutouts in top of each cabinet with metering plates included.

Finish

- Enclosure and cover are finished in ANSI 61 gray inside and out.
- Inner panel is finished in ANSI 61 gray powder coating.

Enclosure

Part No.	H	W	D	Gauge
CMCQ303010	30.00	30.00	10.00	16
CMCQ363612	36.00	36.00	12.00	14
CMCQ484812	48.00	48.00	12.00	14

Panels

Part No.	Description	H	W
CMCQP1	Accessory Plate	24.68	7.00
CMCQP2	Universal Support Current Panel	12.76	13.39
CMCQP3	Universal Support Voltage Panel	25.59	15.01

Panel Selection Guide

	Panel supplied with enclosure			Panel capacity per enclosure		
Part No.	**CMCQP1**	**CMCQP2**	**CMCQP3**	**CMCQP1**	**CMCQP2**	**CMCQP3**
CMCQ303010	1	1	1	1	1	1
CMCQ363612	1	1	1	2	1	1
CMCQ484812	1	1	1	2	2	1

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 1 Mild Steel Metering Cabinets (Ontario Hydro Version) *CMC O Series*

Hinge Door with Handle and Viewing Window

Quick Link: hammfg.com/CMCO

Application

- Designed for certain specific Ontario metering applications.

Standards

- N/A

Construction

- Spot welded 16 gauge steel construction.
- Heavy duty padlockable “L” handle.
- Viewing window with removable cover plate.
- Pre-mounted ground lug.
- Inner panel with pre-drilled holes and mounting bracket.
- Oil resistant gasket.

Finish

- Enclosure and cover are finished in ANSI 61 gray inside and out.
- Inner panel is finished in ANSI 61 gray powder coating.

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
CMCO241610	24	16	10	20.5	14.75

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Type 3R Mild Steel Metering Cabinets *C3RMC Series*

Hinge Door with Handle

Quick Link: hammfg.com/C3RMC

Application

- Designed for outdoor housing of metering transformers.

Standards

- CSA Approved, Type 3R
- Complies with
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Offered in single and double door versions.
- Formed and seam welded from 14 or 16 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Padlockable "L" style handle for 3 point latch system
- Oil resistant gaskets are permanently secured.
- Removable inner panel included.
- Collar studs provided for mounting inner panel.
- Doors may be easily removed for modifications and are interchangeable.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.

Finish

- Cover and enclosure are phosphatized and finished with a recoatable ANSI 61 smooth Gray powder inside and out.
- Removable inner panel is finished in white powder coating.

Accessories

- Door Stop Kit...*See Page* ***304***
- Drip Shield Kit...*See Page* ***303***
- Mounting Foot Kit...*See Page* ***277***
- Ventilation...*See Page* ***259***

Part No.	Type of Door	Enclosure H	Enclosure W	Enclosure D	Inner Panel H	Inner Panel W
C3RMC202010	Single	20.00	20.00	10.00	18.17	18.17
C3RMC271310	Single	27.00	13.00	10.00	25.17	11.17
C3RMC302010	Single	30.00	20.00	10.00	28.17	18.17
C3RMC303010	Double	30.00	30.00	10.00	28.17	28.17
C3RMC363612	Double	36.00	36.00	12.00	34.17	34.17
C3RMC484812	Double	48.00	48.00	12.00	46.17	46.17

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 3R Current Transformer Cabinet *HCT Series*

Single and Double Door Enclosures

Quick Link: hammfg.com/HCT

Application

- Designed for use as Current Transformer Cabinet to house and protect instrument current transformers in outdoor applications.
- Can also be used as a general purpose enclosure for various junction, meter, transformer and relay applications..
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL 50 Type 3R
- Complies with
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Body and covers formed from 14 gauge galvanized steel (12 gauge for units 30" and wider)
- Mounting studs for optional inner panels
- Integral drip shield top and seam free sides
- Mounting holes provided through back of enclosure
- Permanently installed lift off hinges
- Removable doors
- Single door design with hasp/screw closure. Double door design with handle.
- Padlocking provisions provided
- ANSI 61 Gray Polyester Powder finish inside and outside

Finish

- Cover and enclosure are phosphatized and finished with a recoatable ANSI 61 smooth Gray powder inside and out.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Perforated Inner Panels...*See Page* ***285***
- Door Stop Kit...*See Page* ***304***
- Ventilation...*See Page* ***259***

Part No.	Type of Door	Enclosure H	W	D	Optional Panel Part No.
HCT302411H	Single	30.00	24.00	11.00	**18P2721**
HCT362011H	Single	36.00	20.00	11.00	**18P3317**
HCT363011H	Single	36.00	30.00	11.00	**18P3327**
HCT363611H	Single	36.00	36.00	11.00	**18P3333**
HCT482411H	Single	48.00	24.00	11.00	**18P4521**
HCT483011H	Single	48.00	30.00	11.00	**18P4527**
HCT483611H	Single	48.00	36.00	11.00	**18P4533**
HCT484814H	Double	48.00	48.00	14.00	**18P4545**

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All dimensions in inches unless specified otherwise

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Type 1 Mild Steel Small Wallmount Enclosure *N1J Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/N1J

Application

- Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Formed and spot welded from 16 gauge steel.
- Formed steel covers close by use of slotted quarter turn latch.
- Full swing door using butt hinges.
- Through holes in back for wall mounting.
- Bonding stud is provided on the door and a grounding stud is provided on the box.
- Includes 14 gauge steel inner panel.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating

Accessories

- Additional Inner Panels...*See Page* ***284***
- Perforated Inner Panels...*See Page* ***287***
- Type 1 Lock Kit...*See Page* ***270***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
N1J664	6.00	6.00	4.00	4.25	4.25
N1J864	8.00	6.00	4.00	6.25	4.25
N1J884	8.00	8.00	4.00	6.25	6.25
N1J1084	10.00	8.00	4.00	8.25	6.25
N1J10104	10.00	10.00	4.00	8.25	8.25
N1J12104	12.00	10.00	4.00	10.25	8.25
N1J12124	12.00	12.00	4.00	10.25	10.25
N1J14124	14.00	12.00	4.00	12.25	10.25
N1J886	8.00	8.00	6.00	6.25	6.25
N1J1086	10.00	8.00	6.00	8.25	6.25
N1J10106	10.00	10.00	6.00	8.25	8.25
N1J12106	12.00	10.00	6.00	10.25	8.25
N1J12126	12.00	12.00	6.00	10.25	10.25
N1J14126	14.00	12.00	6.00	12.25	10.25
N1J16126	16.00	12.00	6.00	14.25	10.25
N1J20126	20.00	12.00	6.00	18.25	10.25
N1J12128	12.00	12.00	8.00	10.25	10.25
N1J14128	14.00	12.00	8.00	12.25	10.25

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Type 1 Mild Steel Wallmount Enclosure *N1A Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/N1A

Application

- Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

Standards

- UL 50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Enclosure is formed and spot welded from 12 or 14 gauge steel.
- Removable 12 or 14 gauge inner panel is mounted in the rear of the enclosure on collar studs.
- Removable door is mounted on slip hinges.
- Door is fastened with a slotted quarter turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Mounting holes are provided in the rear of the enclosure.
- Piano hinge on 12 gauge units.

Finish

- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* **285**
- Perforated Inner Panels...*See Page* **287**
- Type 1 Lock Kit...*See Page* **270**
- Ventilation...*See Page* **259**
- Window Kits...*See Page* **294**
- Padlock Adaptor...*See Page* **272**

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
N1A16127	16.00	12.00	7.00	13.00	10.50
N1A16167	16.00	16.00	7.00	13.00	14.50
N1A16207	16.00	20.00	7.00	13.00	18.50
N1A20167	20.00	16.00	7.00	17.00	14.50
N1A20207	20.00	20.00	7.00	17.00	18.50
N1A24167	24.00	16.00	7.00	21.00	14.50
N1A24207	24.00	20.00	7.00	21.00	18.50
N1A24247	24.00	24.00	7.00	21.00	22.50
N1A30207	30.00	20.00	7.00	26.00	18.50
N1A30247	30.00	24.00	7.00	26.00	22.50
N1A36247	36.00	24.00	7.00	32.00	22.50
N1A36307	36.00	30.00	7.00	32.00	28.50
N1A16129	16.00	12.00	9.00	13.00	10.50
N1A20169	20.00	16.00	9.00	17.00	14.50
N1A20209	20.00	20.00	9.00	17.00	18.50
N1A20249	20.00	24.00	9.00	17.00	22.50
N1A24209	24.00	20.00	9.00	21.00	18.50
N1A24249	24.00	24.00	9.00	21.00	22.50
N1A30209	30.00	20.00	9.00	26.00	18.50
N1A30249	30.00	24.00	9.00	26.00	22.50
N1A30309	30.00	30.00	9.00	26.00	28.50
N1A36249	36.00	24.00	9.00	32.00	22.50
N1A36309	36.00	30.00	9.00	32.00	28.50
N1A42249	42.00	24.00	9.00	38.00	22.50
N1A242012	24.00	20.00	12.00	21.00	18.50
N1A242412	24.00	24.00	12.00	21.00	22.50
N1A302412	30.00	24.00	12.00	26.00	22.50
N1A363012	36.00	30.00	12.00	32.00	28.50
N1A423012[1]	42.00	30.00	12.00	38.00	28.50
N1A423612[1]	42.00	36.00	12.00	38.00	34.50
N1A483612[1]	48.00	36.00	12.00	44.00	34.50

[1] 12 gauge construction

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 1 Mild Steel Wallmount Enclosure *1420 Series*

Hinge Door with Quarter Turn and w/ Mounting Flange

Quick Link: hammfg.com/1420

Application

- Designed for indoor use to house controls, instruments and components which do not require oil-tight or dust-tight protection.

Standards

- UL 508A Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Enclosure is formed and spot welded from 12 or 14 gauge steel.
- Removable 12 gauge inner panel is mounted to the rear of the enclosure on collar studs.
- Removable door is attached with slip hinges.
- To remove door, a tool is required to remove the #8 screw which captivates hinge.
- Door is fastened with a slotted 1/4 turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Piano hinge on 12 gauge units.

Finish

- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page* ***283***
- Type 1 Lock Kit...*See Page* ***270***
- Ventilation...*See Page* ***259***
- Window Kits...*See Page* ***294***
- Padlock Adaptor...*See Page* ***272***

	Enclosure			Inner Panel	
Part No.	H	W	D	H	W
1420B7	16.00	12.00	7.00	14.00	10.00
1420C7	20.00	16.00	7.00	18.00	14.00
1420D7	20.00	20.00	7.00	18.00	18.00
1420E7	24.00	20.00	7.00	22.00	18.00
1420F7	30.00	20.00	7.00	28.00	18.00
1420G7	30.00	24.00	7.00	28.00	22.00
1420H7	36.00	24.00	7.00	34.00	22.00
1420E9	24.00	20.00	9.00	22.00	18.00
1420EM9	24.00	24.00	9.00	22.00	22.00
1420G9	30.00	24.00	9.00	28.00	22.00
1420H9	36.00	24.00	9.00	34.00	22.00
1420P9[1]	36.00	30.00	9.00	34.00	28.00
1420Q9	42.00	24.00	9.00	40.00	22.00
1420G12	30.00	24.00	12.00	28.00	22.00
1420P12[1]	36.00	30.00	12.00	34.00	28.00
1420R12[1]	42.00	30.00	12.00	40.00	28.00
1420S12[1]	42.00	36.00	12.00	40.00	34.00
1420T12[1]	48.00	36.00	12.00	46.00	34.00
1420G16	30.00	24.00	16.00	28.00	22.00
1420P16[1]	36.00	30.00	16.00	34.00	28.00

[1] 12 gauge construction

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 1 Mild Steel 3 Piece Wallmount Enclosure *N1W S Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/N1WS

Application

- Designed for indoor use to enclose controls, instruments, and components which do not require oil-tight or dust-tight protection.
- Ideal for applications where components may be easily mounted and wired prior to installation of wrapper and door.

Standards

- UL 50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Three piece assembly consisting of a base, wrapper, and door.
- Components are attached and secured with metal screws.
- 14 gauge reverse formed base acts as mounting surface (no separate inner panel) and provides clearance for mounting hardware.
- Wrapper is available in three depths: 4", 6", and 8".
- Wrapper is formed from 16 gauge steel, with no knock-outs in the sides.
- Door assembly formed from 16 gauge steel.
- Removable door is mounted on slip hinges.
- A bonding stud is provided on the door and a grounding screw is provided for the enclosure.
- Door is fastened with a slotted quarter turn latch.

Finish

- Base, wrapper and door are finished in ANSI 61 gray powder coating.

Accessories

- Type 1 Lock Kit...*See Page* ***270***
- Padlock Adaptor...*See Page* ***272***

Part No.	Enclosure H	W	D
N1WS864	8.00	6.00	4.00
N1WS1084	10.00	8.00	4.00
N1WS12104	12.00	10.00	4.00
N1WS16124	16.00	12.00	4.00
N1WS20164	20.00	16.00	4.00
N1WS24204	24.00	20.00	4.00
N1WS866	8.00	6.00	6.00
N1WS1086	10.00	8.00	6.00
N1WS12106	12.00	10.00	6.00
N1WS16126	16.00	12.00	6.00
N1WS20166	20.00	16.00	6.00
N1WS24206	24.00	20.00	6.00
N1WS868	8.00	6.00	8.00
N1WS1088	10.00	8.00	8.00
N1WS12108	12.00	10.00	8.00
N1WS16128	16.00	12.00	8.00
N1WS20168	20.00	16.00	8.00
N1WS24208	24.00	20.00	8.00

Technical references and CAD downloads available at www.hammondmfg.com

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Type 1 Mild Steel 3 Piece Flushmount Enclosure *N1W F Series*

Hinge Door with Quarter Turn

Quick Link: hammfg.com/N1WF

Application

- Designed for indoor use to enclose controls, instruments, and components which do not require oil-tight or dust-tight protection.
- Ideal for applications where components may be easily mounted and wired prior to installation of wrapper and door.

Standards

- UL 50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

Construction

- Three piece assembly consisting of a base, wrapper, and door.
- Components are attached and secured with metal screws.
- 14 gauge reverse formed base acts as mounting surface (no separate inner panel) and provides clearance for mounting hardware.
- Punched for left or right hinging of the door and ease of assembly.
- Wrapper is formed from 16 gauge steel, with no knock-outs in the sides.
- Flush mounting door assembly formed from 16 gauge steel.
- Door is fastened with a slotted quarter turn latch.
- A bonding stud is provided on the door and a grounding screw is provided for the enclosure.

Finish

- Base, wrapper and door are finished in ANSI 61 gray powder coating.

Accessories

- Type 1 Lock Kit...*See Page* ***270***
- Padlock Adaptor...*See Page* ***272***

Part No.	Enclosure H	W	D
N1WF864	8.00	6.00	4.00
N1WF1084	10.00	8.00	4.00
N1WF12104	12.00	10.00	4.00
N1WF16124	16.00	12.00	4.00
N1WF20164	20.00	16.00	4.00
N1WF24204	24.00	20.00	4.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 3R Painted Galvanized Steel Wallmount Enclosure *C3R HCRMD Series*

Continuous Hinge Door with Screws

Quick Link: hammfg.com/C3RHCRMD

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
  - Complies with
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed and spot welded from 16 or 14 gauge galvanized steel.
- Drip shield top and seam-free sides, front and back.
- Stainless steel continuous hinge.
- Cover fastened with captive plated screws.
- Padlocking hasp.
- Collar studs provided for mounting optional panels.
- External mounting feet.
- Oil resistant gaskets are permanently secured.

Finish

- Enclosure and cover are finished inside and out in ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page* ***281***
- Ventilation...*See Page* ***259***
- Swing Panel Kit...*See Page* ***288***

	Enclosure			Optional Inner Panel		
Part No.	H	W	D	Part Number	H	W
C3R16126HCR	16.00	12.00	6.00	18P1309	13.00	9.00
C3R16166HCR	16.00	16.00	6.00	18P1313	13.00	13.00
C3R18186HCR	18.00	18.00	6.00	18P1515	15.00	15.00
C3R20166HCR	20.00	16.00	6.00	18P1713	17.00	13.00
C3R20208HCR	20.00	20.00	8.00	18P1717	17.00	17.00
C3R24208HCR	24.00	20.00	8.00	18P2117	21.00	17.00
C3R24248HCR	24.00	24.00	8.00	18P2121	21.00	21.00
C3R30248HCR	30.00	24.00	8.00	18P2721	27.00	21.00
C3R30308HCR	30.00	30.00	8.00	18P2727	27.00	27.00
C3R181810HCR	18.00	18.00	10.00	18P1515	15.00	15.00
C3R242410HCR	24.00	24.00	10.00	18P2121	21.00	21.00
C3R302410HCR	30.00	24.00	10.00	18P2721	27.00	21.00
C3R363610HCR	36.00	36.00	10.00	18P3333	33.00	33.00
C3R303012HCR	30.00	30.00	12.00	18P2727	27.00	27.00
C3R362412HCR	36.00	24.00	12.00	18P3321	33.00	21.00
C3R363012HCR	36.00	30.00	12.00	18P3327	33.00	27.00
C3R423012HCR	42.00	30.00	12.00	18P3927	39.00	27.00
C3R363612HCR	36.00	36.00	12.00	18P3333	33.00	33.00
C3R423612HCR	42.00	36.00	12.00	18P3933	39.00	33.00
C3R483612HCR	48.00	36.00	12.00	18P4533	45.00	33.00
C3R603612HCR	60.00	36.00	12.00	18P5733	57.00	33.00
C3R303016HCR	30.00	30.00	16.00	18P2727	27.00	27.00
C3R483616HCR	48.00	36.00	16.00	18P4533	45.00	33.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Data Subject to change without notice

Type 3R Painted Galvanized Steel Enclosure *C3R HCLO Series*

Lift-Off Hinge Door with Snap Latch

Quick Link: hammfg.com/C3RHCLO

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with
  - NEMA Type 3R
  - IEC 60529, IP24

Construction

- Formed and spot welded from 16 gauge galvanized steel (14 gauge when 24" wide)
- Extended height door and seam-free sides, front and back.
- Galvanized steel lift-off hinges with stainless steel pins.
- Cover fastened securely with zinc plated draw pull catches.
- Provisions for padlocking on zinc-plated draw pull catch.
- Embossed mounting holes on back.
- Seamless poured-in place gasket

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page* ***280***
- Additional Inner Panels...*See Page* ***281***
- Swing Panel Kit...*See Page* ***288***

	Enclosure			Optional Inner Panel			Optional Panel	Optional Mount
Part No.	H	W	D	Part No.	H	W	Mounting Kit	Foot Kit
C3R864HCLO	8.00	6.00	4.00	**14R0505**	4.88	4.88	**C3RHCLOPK1**	**C3RHCLOMFK1**
C3R886HCLO	8.00	8.00	6.00	**14R0705**	6.75	4.88	**C3RHCLOPK1**	**C3RHCLOMFK1**
C3R1086HCLO	10.00	8.00	6.00	**14R0707**	6.75	6.88	**C3RHCLOPK1**	**C3RHCLOMFK1**
C3R12106HCLO	12.00	10.00	6.00	**14R0909**	8.75	8.88	**C3RHCLOPK1**	**C3RHCLOMFK1**
C3R12126HCLO	12.00	12.00	6.00	**14R1109**	10.75	8.88	**C3RHCLOPK1**	**C3RHCLOMFK1**
C3R16126HCLO	16.00	12.00	6.00	**14R1311**	12.75	10.88	**C3RHCLOPK1**	**C3RHCLOMFK1**
C3R16166HCLO	16.00	16.00	6.00	**18P1313**	13.00	13.00	**C3RHCLOPK2**	**C3RHCLOMFK2**
C3R20166HCLO	20.00	16.00	6.00	**18P1713**	17.00	13.00	**C3RHCLOPK2**	**C3RHCLOMFK2**
C3R20208HCLO	20.00	20.00	8.00	**18P1717**	17.00	17.00	**C3RHCLOPK2**	**C3RHCLOMFK2**
C3R24208HCLO	24.00	20.00	8.00	**18P2117**	21.00	17.00	**C3RHCLOPK2**	**C3RHCLOMFK2**
C3R24248HCLO	24.00	24.00	8.00	**18P2121**	21.00	21.00	**C3RHCLOPK2**	**C3RHCLOMFK2**
C3R30248HCLO	30.00	24.00	8.00	**18P2721**	27.00	21.00	**C3RHCLOPK2**	**C3RHCLOMFK2**

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Type 1 Mild Steel Component Case *1416 Series*

Ventilated Cover with Screws

Quick Link: hammfg.com/1416

Application

- Designed to provide mechanical protection for components requiring ventilation.
- Suitable for use where heat dissipation is required.

Standards

- Complies with
  - NEMA Type 1

Construction

- Base is formed from 16 gauge steel with two 0.5"/0.75" conduit knockouts located in each end.
- Four .125" high raised dimples with mounting holes are provided on the base.
- Cover is formed from 18 gauge steel with 0.235" x 1.5" ventilating slots (0.199" x 1.12" on E & G only).
- Screw holes and offsets in the cover allow easy assembly.

Finish

- Base and cover are finished in ANSI 61 gray powder coating.

	Enclosure		
Part No.	H	W	D
1416E	6.00	4.00	4.00
1416G	10.00	4.00	4.00
1416I	10.00	6.00	6.00
1416K	11.00	7.00	7.00
1416M	12.00	8.00	8.00
1416O	15.00	10.00	8.00
1416Q	20.00	10.00	8.00
1416T	20.00	10.00	10.00

Technical references and CAD downloads available at www.hammondmfg.com

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Climate Control

Air Conditioners - Selection Guide 234

Air-Air Heat Exchangers - Selection Guide 237

Air-Water Heat Exchangers - Selection Guide 239

Water Chillers
EB-RACK Series 241

17-38 CFM Filterfans
PF GEN4 Series
Type 12 242

65 CFM Filterfans
PF GEN4 Series
Type 12 243

94-169 CFM Filterfans
PF GEN4 Series
Type 12 244

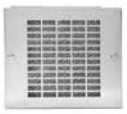
297-560 CFM Filterfans
PF GEN4 Series
Type 12 245

152-427 CFM Slimline Filterfans
PF SL GEN4 Series
Type 12 246

Exhaust Filters
PFAG4 Series
4th Generation 247

Replacement Filters
PFFG4 Series
4th Generation 247

266-485 CFM Top Mount Filterfans
PTF GEN4 Series
Type 12 248


105-550 CFM Filtered Fan Boxes
XF Series 249

Filter Fan Kits
DNFF Series 250

Filter Fan Grills
XPFA Series 251

Filterfan Rainhoods - 3R
RH Series 252

Filterfan Rainhoods - 4/4X
RHN4 Series 253

Rack Mount Fan Tray
FT Series 254

Rack Mount Intake Blowers
HB Series 255

Fan Panel Assembly
PPG Series 255

125-1300 W Fan Heater with Thermostat
FLH Series 256

250-400 W Fan Heater
SHGL Series 256

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Climate Control

550-650 W High Wattage Fan Heater
SCR Series 257

15-150 W Heater
SHG Series 257

10-30 W Mini Radiant Heaters
SHGM Series 258

100-400 W Control Panel Heater
SHV Series 258

Large Rainproof Ventilator
SDV LG 259

Small Rainproof Ventilator
SDV SM 259

Pressure Compensation Plug
BDN Series 259

Breather Kit
SDA Series 260

Type 3R Louvered Vent Kits
1481L3R Series 261

Type 1 Louvered Ventilating Plates
1481L Series 260

Ventilation Kit Type 4X
SDV N4 261

Thermostats
SKT Series 262

Twin Thermostats
SKTD Series 263

Mechanical Humidistat
SKH Series 263

Humidity and Temperature Control
SKTH Series 264

Condensate Bottle 265

Water Condensate Evaporator
KVD Series 265

Filter Kits
DTSFK Series
For DTS3XXX Series 264

Filter Coat
1475 Series 265

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Air Conditioners - Selection Guide

Overview

- Hammond Manufacturing offers an extensive line up of air conditioner solutions.
- Indoor units, Outdoor units and Stainless Steel units to suit your application
- Full technical specifications and cut-out diagrams are available on our website.
- For climate control selection assistance, please utilize our Online Sizing Software.

Quick Link: hammfg.com/AC-SG

Type 12 Side Mount Air Conditioners

Part #	Voltage	BTU (@ 95F/95F)	Protective Rating	Finish	Dimensions H	W	D
DTS3021A115LG	115	1194	NEMA 12/IP54	RAL 7035	15.50	7.00	7.75
DTS3021A230LG	230	1194	NEMA 12/IP54	RAL 7035	15.50	7.00	7.75
DTS3041A115LG	115	2700	NEMA 12/IP54	RAL 7035	20.15	10.05	10.77
DTS3041A230LG	230	2700	NEMA 12/IP54	RAL 7035	20.15	10.05	10.77
DTS3041A460LG	460	2700	NEMA 12/IP54	RAL 7035	20.15	10.05	10.77
DTS3141SLA115LG	115	5097	NEMA 12/IP54	RAL 7035	36.00	12.30	14.40
DTS3141SLA230LG	230	5097	NEMA 12/IP54	RAL 7035	36.00	12.30	14.40
DTS3141SLA460LG	460	5097	NEMA 12/IP54	RAL 7035	36.00	12.30	14.40
DTS3141A115LG	115	4100	NEMA 12/IP54	RAL 7035	29.46	15.55	11.50
DTS3141A230LG	230	4100	NEMA 12/IP54	RAL 7035	29.46	15.55	11.50
DTS3141A460LG	460	4100	NEMA 12/IP54	RAL 7035	29.46	15.55	11.50
DTS3241A115LG	115	6825	NEMA 12/IP54	RAL 7035	47.61	15.55	12.77
DTS3241A230LG	230	6825	NEMA 12/IP54	RAL 7035	47.61	15.55	12.77
DTS3241A460LG	460	6825	NEMA 12/IP54	RAL 7035	47.61	15.55	12.77
DTS3145A115LG	115	6142	NEMA 12/IP54	RAL 7035	36.65	11.89	14.40
DTS3145A230LG	230	6995	NEMA 12/IP54	RAL 7035	36.65	11.89	14.40
DTS3145A460LG	460	6995	NEMA 12/IP54	RAL 7035	36.65	11.89	14.40
DTS3245A115LG	115	11600	NEMA 12/IP54	RAL 7035	53.00	16.00	14.40
DTS3245A230LG	230	11000	NEMA 12/IP54	RAL 7035	53.00	16.00	14.40
DTS3245A460LG	460	12000	NEMA 12/IP54	RAL 7035	53.00	16.00	14.40
DTS3441A230LG	230	17825	NEMA 12/IP54	RAL 7035	56.75	16.00	16.00
DTS3441A460LG	460	17825	NEMA 12/IP54	RAL 7035	56.75	16.00	16.00
DTS3641A230LG	230	20753	NEMA 12/IP54	RAL 7035	65.50	19.00	20.50
DTS3641A460LG	460	19609	NEMA 12/IP54	RAL 7035	65.50	19.00	20.50

For ANSI 61 Gray color, substitute GY in place of LG at end of part number

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Air Conditioners - Selection Guide

Type 12 Top Mount Air Conditioners

Part #	Voltage	BTU (@ 95F/95F)	Protective Rating	Finish	Dimensions H	W	D
DTT6101B115LG	115	2250	NEMA 12/IP54	RAL 7035	17.13	23.41	15.55
DTT6101B230LG	230	2300	NEMA 12/IP54	RAL 7035	17.13	23.41	15.55
DTT6201B115LG	115	3500	NEMA 12/IP54	RAL 7035	17.13	23.41	15.55
DTT6201B230LG	230	3680	NEMA 12/IP54	RAL 7035	17.13	23.41	15.55
DTT6201B460LG	460	3500	NEMA 12/IP54	RAL 7035	17.13	23.41	15.55
DTT6301B115LG	115	5520	NEMA 12/IP54	RAL 7035	17.13	23.43	19.49
DTT6301B230LG	230	5520	NEMA 12/IP54	RAL 7035	17.13	23.43	19.49
DTT6301B460LG	460	5520	NEMA 12/IP54	RAL 7035	17.13	23.43	19.49
DTT6401B115LG	115	7160	NEMA 12/IP54	RAL 7035	17.13	23.43	19.49
DTT6401B230LG	230	7160	NEMA 12/IP54	RAL 7035	17.13	23.43	19.49
DTT6401B460LG	460	7160	NEMA 12/IP54	RAL 7035	17.13	23.43	19.49
DTT6601B460LG	460	11000	NEMA 12/IP54	RAL 7035	19.09	31.30	22.64
DTT6801B460LG	460	14500	NEMA 12/IP54	RAL 7035	19.09	31.30	22.60

Type 3R/4 Outdoor Side Mount Air Conditioners

Part #	Voltage	BTU (@ 95F/95F)	Protective Rating	Finish	Dimensions H	W	D
DTS3031A115N3LG	115	1194	NEMA 3R/4/IP56	RAL 7035	15.50	7.00	7.75
DTS3031A230N3LG	230	1194	NEMA 3R/4/IP56	RAL 7035	15.50	7.00	7.75
DTS3061A115N3LG	115	2700	NEMA 3R/4/IP56	RAL 7035	20.15	10.05	10.77
DTS3061A230N3LG	230	2700	NEMA 3R/4/IP56	RAL 7035	20.15	10.05	10.77
DTS3061A460N3LG	460	2700	NEMA 3R/4/IP56	RAL 7035	20.15	10.05	10.77
DTS3161SLA2N3LG	230	5097	NEMA 3R/4/IP56	RAL 7035	36.00	12.30	14.40
DTS3161SLA4N3LG	460	5097	NEMA 3R/4/IP56	RAL 7035	36.00	12.30	14.40
DTS3161A115N3LG	115	4100	NEMA 3R/4/IP56	RAL 7035	29.46	15.55	11.50
DTS3161A230N3LG	230	4100	NEMA 3R/4/IP56	RAL 7035	29.46	15.55	11.50
DTS3161A460N3LG	460	4100	NEMA 3R/4/IP56	RAL 7035	29.46	15.55	11.50
DTS3261A115N3LG	115	6825	NEMA 3R/4/IP56	RAL 7035	47.61	15.55	12.77
DTS3261A230N3LG	230	6825	NEMA 3R/4/IP56	RAL 7035	47.61	15.55	12.77
DTS3261A460N3LG	460	6825	NEMA 3R/4/IP56	RAL 7035	47.61	15.55	12.77
DTS3165A115N3LG	115	6142	NEMA 3R/4/IP56	RAL 7035	36.65	11.89	14.40
DTS3165A230N3LG	230	6995	NEMA 3R/4/IP56	RAL 7035	36.65	11.89	14.40
DTS3165A460N3LG	460	6995	NEMA 3R/4/IP56	RAL 7035	36.65	11.89	14.40
DTS3265A115N3LG	115	11600	NEMA 3R/4/IP56	RAL 7035	53.00	16.00	14.40
DTS3265A230N3LG	230	11000	NEMA 3R/4/IP56	RAL 7035	53.00	16.00	14.40
DTS3265A460N3LG	460	12000	NEMA 3R/4/IP56	RAL 7035	53.00	16.00	14.40
DTS3461A230N3LG	230	17091	NEMA 3R/4/IP56	RAL 7035	56.75	16.00	16.00
DTS3461A460N3LG	460	17091	NEMA 3R/4/IP56	RAL 7035	56.75	16.00	16.00
DTS3661A230N3LG	230	19848	NEMA 3R/4/IP56	RAL 7035	65.50	19.00	20.50
DTS3661A460N3LG	460	20825	NEMA 3R/4/IP56	RAL 7035	65.50	19.00	20.50

For ANSI 61 Gray color, substitute GY in place of LG at end of part number

Technical references and CAD downloads available at www.hammondmfg.com

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Air Conditioners - Selection Guide

Type 4X Stainless Outdoor Side Mount Air Conditioners

Part #	Voltage	BTU (@ 95F/95F)	Protective Rating	Finish	Dimensions H	W	D
DTS3031A115N4SS	115	1194	NEMA 4X/IP56	#4 304SS	15.50	7.00	7.75
DTS3031A230N4SS	230	1194	NEMA 4X/IP56	#4 304SS	15.50	7.00	7.75
DTS3081A115N4SS	115	2700	NEMA 4X/IP56	#4 304SS	20.15	10.05	10.77
DTS3081A230N4SS	230	2700	NEMA 4X/IP56	#4 304SS	20.15	10.05	10.77
DTS3081A460N4SS	460	2700	NEMA 4X/IP56	#4 304SS	20.15	10.05	10.77
DTS3181SLA2N4SS	230	5097	NEMA 4X/IP56	#4 304SS	36.00	12.30	14.40
DTS3181SLA4N4SS	460	5097	NEMA 4X/IP56	#4 304SS	36.00	12.30	14.40
DTS3181A115N4SS	115	4100	NEMA 4X/IP56	#4 304SS	29.46	15.55	11.50
DTS3181A230N4SS	230	4100	NEMA 4X/IP56	#4 304SS	29.46	15.55	11.50
DTS3181A460N4SS	460	4100	NEMA 4X/IP56	#4 304SS	29.46	15.55	11.50
DTS3281A115N4SS	115	6825	NEMA 4X/IP56	#4 304SS	47.61	15.55	12.77
DTS3281A230N4SS	230	6825	NEMA 4X/IP56	#4 304SS	47.61	15.55	12.77
DTS3281A460N4SS	460	6825	NEMA 4X/IP56	#4 304SS	47.61	15.55	12.77
DTS3185A115N4SS	115	6142	NEMA 4X/IP56	#4 304SS	36.65	11.89	14.40
DTS3185A230N4SS	230	6995	NEMA 4X/IP56	#4 304SS	36.65	11.89	14.40
DTS3185A460N4SS	460	6995	NEMA 4X/IP56	#4 304SS	36.65	11.89	14.40
DTS3285A115N4SS	115	11600	NEMA 4X/IP56	#4 304SS	53.00	16.00	14.40
DTS3285A230N4SS	230	11000	NEMA 4X/IP56	#4 304SS	53.00	16.00	14.40
DTS3285A460N4SS	460	12000	NEMA 4X/IP56	#4 304SS	53.00	16.00	14.40
DTS3481A230N4SS	230	17091	NEMA 4X/IP56	#4 304SS	56.75	16.00	16.00
DTS3481A460N4SS	460	17091	NEMA 4X/IP56	#4 304SS	56.75	16.00	16.00
DTS3681A230N4SS	230	19848	NEMA 4X/IP56	#4 304SS	65.50	19.00	20.50
DTS3681A460N4SS	460	20825	NEMA 4X/IP56	#4 304SS	65.50	19.00	20.50

Technical references and CAD downloads available at www.hammondmfg.com

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Air-Air Heat Exchangers - Selection Guide

Overview

- Hammond Manufacturing offers an extensive line up of air to air heat exchanger solutions.
- Indoor units, Outdoor units and Stainless Steel units to suit your application
- Full technical specifications and cut-out diagrams are available on our website.
- For climate control selection assistance, please utilize our Online Sizing Software.

Quick Link: hammfg.com/HXAA-SG

Type 12 Air to Air Heat Exchangers

		Cooling Capacity		Dimensions			Sample Performance
Part No.	Voltage - Frequency	W/°C	W/°F	H	W	D	Δ = 20°C/36°F
PKS3131A115LG	115V 60 Hz	65	36	35.31	11.97	10.65	1300W (4400BTU)
PKS3131A230LG	230V 50/60 Hz	65	36	35.31	11.97	10.65	1300W (4400BTU)
PKS3131A460LG	400/460V 50/60 Hz	65	36	35.31	11.97	10.65	1300W (4400BTU)
PKS3201A115LG	115V 60 Hz	100	56	35.31	11.97	10.65	2000W (6800BTU)
PKS3201A230LG	230V 50/60 Hz	100	56	35.31	11.97	10.65	2000W (6800BTU)
PKS3201A460LG	400/460V 50/60 Hz	100	56	35.31	11.97	10.65	2000W (6800BTU)
PKS3301A115LG	115V 60 Hz	150	83	35.31	11.97	10.65	3000W (10200BTU)
PKS3301A230LG	230V 50/60 Hz	150	83	35.31	11.97	10.65	3000W (10200BTU)
PKS3301A460LG	400/460V 50/60 Hz	150	83	35.31	11.97	10.65	3000W (10200BTU)
PKS3361A115LG	115V 60 Hz	180	100	35.31	11.97	10.65	3600W (12200BTU)
PKS3361A230LG	230V 50/60 Hz	180	100	35.31	11.97	10.65	3600W (12200BTU)
PKS3361A460LG	400/460V 50/60 Hz	180	100	35.31	11.97	10.65	3600W (12200BTU)

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Air-Air Heat Exchangers - Selection Guide

Type 3R/4 Air to Air Heat Exchangers

		Cooling Capacity		Dimensions			Sample Performance
Part No.	Voltage - Frequency	W/°C	W/°F	H	W	D	Δ = 20°C/36°F
PKS3133A115N4LG	115V 60 Hz	65	36	35.30	11.97	16.04	1300W (4400BTU)
PKS3133A230N4LG	230V 50/60 Hz	65	36	35.30	11.97	16.04	1300W (4400BTU)
PKS3133A460N4LG	400/460V 50/60 Hz	65	36	35.30	11.97	16.04	1300W (4400BTU)
PKS3203A115N4LG	115V 60 Hz	100	56	35.30	11.97	16.04	2000W (6800BTU)
PKS3203A230N4LG	230V 50/60 Hz	100	56	35.30	11.97	16.04	2000W (6800BTU)
PKS3203A460N4LG	400/460V 50/60 Hz	100	56	35.30	11.97	16.04	2000W (6800BTU)
PKS3303A115N4LG	115V 60 Hz	150	83	35.30	11.97	16.04	3000W (10200BTU)
PKS3303A230N4LG	230V 50/60 Hz	150	83	35.30	11.97	16.04	3000W (10200BTU)
PKS3303A460N4LG	400/460V 50/60 Hz	150	83	35.30	11.97	16.04	3000W (10200BTU)
PKS3363A115N4LG	115V 60 Hz	180	100	35.30	11.97	16.04	3600W (12200BTU)
PKS3363A230N4LG	230V 50/60 Hz	180	100	35.30	11.97	16.04	3600W (12200BTU)
PKS3363A460N4LG	400/460V 50/60 Hz	180	100	35.30	11.97	16.04	3600W (12200BTU)

Type 4X Stainless Air to Air Heat Exchangers

		Cooling Capacity		Dimensions			Sample Performance
Part No.	Voltage - Frequency	W/°C	W/°F	H	W	D	Δ = 20°C/36°F
PKS3134A115N4SS	115V 60 Hz	65	36	35.30	11.97	16.04	1300W (4400BTU)
PKS3134A230N4SS	230V 50/60 Hz	65	36	35.30	11.97	16.04	1300W (4400BTU)
PKS3134A460N4SS	400/460V 50/60 Hz	65	36	35.30	11.97	16.04	1300W (4400BTU)
PKS3204A115N4SS	115V 60 Hz	100	56	35.30	11.97	16.04	2000W (6800BTU)
PKS3204A230N4SS	230V 50/60 Hz	100	56	35.30	11.97	16.04	2000W (6800BTU)
PKS3204A460N4SS	400/460V 50/60 Hz	100	56	35.30	11.97	16.04	2000W (6800BTU)
PKS3304A115N4SS	115V 60 Hz	150	83	35.30	11.97	16.04	3000W (10200BTU)
PKS3304A230N4SS	230V 50/60 Hz	150	83	35.30	11.97	16.04	3000W (10200BTU)
PKS3304A460N4SS	400/460V 50/60 Hz	150	83	35.30	11.97	16.04	3000W (10200BTU)
PKS3364A115N4SS	115V 60 Hz	180	100	35.30	11.97	16.04	3600W (12200BTU)
PKS3364A230N4SS	230V 50/60 Hz	180	100	35.30	11.97	16.04	3600W (12200BTU)
PKS3364A460N4SS	400/460V 50/60 Hz	180	100	35.30	11.97	16.04	3600W (12200BTU)

Mini Type 4X Stainless Air to Air Heat Exchangers

		Cooling Capacity		Dimensions			Sample Performance
Part No.	Voltage - Frequency	W/°C	W/°F	H	W	D	Δ = 20°C/36°F
PKS3042A115N4SS	115V 60 Hz	22	12	12.00	12.00	7.89	440W (1400BTU)
PKS3092A115N4SS	115V 60 Hz	45	25	22.75	12.00	7.89	900W (3000BTU)

Technical references and CAD downloads available at www.hammondmfg.com

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Air-Water Heat Exchangers - Selection Guide

- Hammond Manufacturing offers an extensive line up of air to water heat exchanger solutions.
- If there is a source of cool water available, these can provide a very economical cooling solution. Hammond also offers chillers to supply cold water if needed.
- Indoor/Outdoor and Stainless Steel units to suit your application
- Full technical specifications and cut-out diagrams are available on our website.
- For climate control selection assistance, please utilize our Online Sizing Software.

Quick Link: hammfg.com/HXAW-SG

Type 3R/4 Air to Water Heat Exchangers

Part #	Voltage	Cooling Capacity (BTU) (Air/Water ΔT = 45°F/25°C)	Protective Rating	Finish	Dimensions H	W	D
PWS7102A115N4LG	115	3242	NEMA 3R/4	RAL 7035	19.68	7.88	5.55
PWS7102A230N4LG	230	3242	NEMA 3R/4	RAL 7035	19.68	7.88	5.55
PWS3062A115N4LG	115	2216	NEMA 3R/4	RAL 7035	24.10	10.13	5.62
PWS3062A230N4LG	230	2216	NEMA 3R/4	RAL 7035	24.10	10.13	5.62
PWS7332A115N4LG	115	2898	NEMA 3R/4	RAL 7035	24.10	10.13	5.62
PWS7332A230N4LG	230	2898	NEMA 3R/4	RAL 7035	24.10	10.13	5.62
PWS3102A115N4LG	115	3753	NEMA 3R/4	RAL 7035	32.05	15.80	6.28
PWS3102A230N4LG	230	3753	NEMA 3R/4	RAL 7035	32.05	15.80	6.28
PWS3152A115N4LG	115	5800	NEMA 3R/4	RAL 7035	36.65	11.78	8.11
PWS3152A230N4LG	230	5800	NEMA 3R/4	RAL 7035	36.65	11.78	8.11
PWS3202A115N4LG	115	7165	NEMA 3R/4	RAL 7035	51.89	15.76	9.07
PWS3202A230N4LG	230	7165	NEMA 3R/4	RAL 7035	51.89	15.76	9.07
PWS7332A115N4LG	115	10748	NEMA 3R/4	RAL 7035	37.40	15.75	7.56
PWS7332A230N4LG	230	10748	NEMA 3R/4	RAL 7035	37.40	15.75	7.56
PWS3302A115N4LG	115	12283	NEMA 3R/4	RAL 7035	51.89	15.76	9.07
PWS3302A230N4LG	230	12283	NEMA 3R/4	RAL 7035	51.89	15.76	9.07
PWS3502A115N4LG	115	21496	NEMA 3R/4	RAL 7035	57.09	15.76	8.60
PWS3502A230N4LG	230	21496	NEMA 3R/4	RAL 7035	57.09	15.76	8.60
PWS31X2A230N4LG	230	34121	NEMA 3R/4	RAL 7035	65.52	19.75	12.10

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Air-Water Heat Exchangers - Selection Guide

Type 4X Stainless Air to Water Heat Exchangers

Part #	Voltage	Cooling Capacity (BTU) (Air/Water ΔT = 45°F/25°C)	Protective Rating	Finish	Dimensions H	W	D
PWS7102A115N4SS	115	3242	NEMA 4X	#4 304SS	19.68	7.88	5.55
PWS7102A230N4SS	230	3242	NEMA 4X	#4 304SS	19.68	7.88	5.55
PWS3062A115N4SS	115	2216	NEMA 4X	#4 304SS	24.10	10.13	5.62
PWS3062A230N4SS	230	2216	NEMA 4X	#4 304SS	24.10	10.13	5.62
PWS7332A115N4SS	115	2898	NEMA 4X	#4 304SS	24.10	10.13	5.62
PWS7332A230N4SS	230	2898	NEMA 4X	#4 304SS	24.10	10.13	5.62
PWS3102A115N4SS	115	3753	NEMA 4X	#4 304SS	32.05	15.80	6.28
PWS3102A230N4SS	230	3753	NEMA 4X	#4 304SS	32.05	15.80	6.28
PWS3152A115N4SS	115	5800	NEMA 4X	#4 304SS	36.65	11.78	8.11
PWS3152A230N4SS	230	5800	NEMA 4X	#4 304SS	36.65	11.78	8.11
PWS3202A115N4SS	115	7165	NEMA 4X	#4 304SS	51.89	15.76	9.07
PWS3202A230N4SS	230	7165	NEMA 4X	#4 304SS	51.89	15.76	9.07
PWS7332A115N4SS	115	10748	NEMA 4X	#4 304SS	37.40	15.75	7.56
PWS7332A230N4SS	230	10748	NEMA 4X	#4 304SS	37.40	15.75	7.56
PWS3302A115N4SS	115	12283	NEMA 4X	#4 304SS	51.89	15.76	9.07
PWS3302A230N4SS	230	12283	NEMA 4X	#4 304SS	51.89	15.76	9.07
PWS3502A115N4SS	115	21496	NEMA 4X	#4 304SS	57.09	15.76	8.60
PWS3502A230N4SS	230	21496	NEMA 4X	#4 304SS	57.09	15.76	8.60
PWS31X2A460N4SS	460	34121	NEMA 4X	#4 304SS	65.52	19.75	12.10

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Water Chillers *EB-RACK Series*

Quick Link: hammfg.com/EB-RACK

Description

- Designed to provide recirculated coolant for most industrial applications air/water heat exchangers, process cooling, machine hydraulics or motor cooling.

Standards

- CC Series –UL,cUL,(ETL), CE
- EB30-150 WT Series –UL,cUL,(ETL), CE

Features

- Pre-engineered packaged design includes refrigeration, cooling tank & pump and operating controls for plug and play operation
- CC Series compact design for cooling capacities up to 23,000 BTU/H
- EB Series for cooling capacities 16,000 to 67,000 BTU/H
- Both series are suitable for indoor and outdoor installations
- Exterior case, galvanized steel frame coated with RAL7035 finish
- Larger sizes and High Temperature units also available

Options

- Hydraulic coolant by-pass kit
- Casters
- Remote control pad
- RS-485 Communication Hardware (Modbus)

							Dimensions inches		
Model Number	Enviromental Rating	Cooling Capacity Ambient +90F(+32C) Water +64F(+18C)	Voltage AC 60 Hz	Pump Flow Rate GPM (l/h)	Tank Capacity Gallons (Litres)	Coolant Connectios (NPT-F)	Height	Width	Depth
CC6101	Indoor / Outdoor	4056 BTU/H (1190 Watts)	115 or 230	0.9 (204 l/h)	2.7 (10L)	1/2	24.60	23.60	18.90
CC6201	Indoor / Outdoor	6551 BTU/H (1920 Watts)	115 or 230	1.3 (295 l/h)	2.7 (10L)	1/2	24.60	23.60	18.90
CC6301	Indoor / Outdoor	9144 BTU/H (2676 Watts)	115 or 230	2.0 (452 l/h)	2.7 (10L)	1/2	24.60	23.60	18.90
CC6401	Indoor / Outdoor	13,268 BTU/H (3883 Watts)	460 3 Phase	2.7 (613 l/h)	6.8 (26L)	3/4	38.70	23.60	26.40
CC6501	Indoor / Outdoor	19,960 BTU/H (5841 Watts)	460 3 Phase	3.8 (863 l/h)	6.8 (26L)	3/4	38.70	23.60	26.40
CC6601	Indoor / Outdoor	23,100 BTU/H (6768 Watts)	460 3 Phase	4.9 (1113 l/h	6.8 (26L)	3/4	38.70	23.60	26.40
EB30WT	Indoor / Outdoor	16,700 BTU/H (4887 Watts)	460 3 Phase	3.3 (750 l/h)	8.0 (30L)	3/4	42.00	22.00	24.00
EB60WT	Indoor / Outdoor	21,800 BTU/H (6380 Watts)	460 3 Phase	4.4 (1000 l/h)	8.0 (30L)	3/4	42.00	22.00	24.00
EB90WT	Indoor / Outdoor	43,000 BTU/H (12584 Watts)	460 3 Phase	8.8 (1953 l/h)	13.2 (50L)	1	55.00	28.00	30.00
EB150WT	Indoor / Outdoor	67,500 BTU/H (19754 Watts)	460 3 Phase	13.5 (3066 l/h)	13.2 (50L)	1	55.00	28.00	30.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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17-38 CFM Filterfans *PF GEN4 Series*

Type 12

Features

- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Fan motor is CSA approved
- Options: Black grills

Accessories

- Exhaust Filters...*See Page* ***247***
- Replacement Filters...*See Page* ***247***
- Filterfan Rainhoods - 4/4X...*See Page* ***253***
- Filterfan Rainhoods - 3R...*See Page* ***252***

Quick Link: hammfg.com/PF11

Part Number Light Gray RAL7035	Part Number Black RAL 9011	Voltage	Power	Exhaust Filter Light Gray RAL7035	Exhaust Filter Black RAL9011
PF11000T12LG	**PF11000T12BK**	115V	11W	**PFA10000LG**	**PFA10000BK**
PF11000T12LG230	**PF11000T12BK230**	230V	11W	**PFA10000LG**	**PFA10000BK**
PF11000T12LG24	**PF11000T12BK24**	24V	2W	**PFA10000LG**	**PFA10000BK**
PF22000T12LG	**PF22000T12BK**	115V	20W	**PFA20000LG**	**PFA20000BK**
PF22000T12LG230	**PF22000T12BK230**	230V	18W	**PFA20000LG**	**PFA20000BK**
PF22000T12LG24	**PF22000T12BK24**	24V	5W	**PFA20000LG**	**PFA20000BK**

Airflow data	PF 11000	PF 22000	PFA 1-20000
Filter material	Type 12 filter mat	Type 12 filter mat	Type 12 filter mat
Unimpeded airflow	17 CFM	38 CFM	-
Capacity free-flow	10 W/K	21 W/K	-
Airflow in combination	11 CFM	28 CFM	-
(Filterfan + Exhaust Filter)	(PF 11000 + PFA 10000)	(PF 22000 + PFA 20000)	-
Capacity in combination	6 W/K	15 W/K	-
(Filterfan + Exhaust Filter)	(PF 11000 + PFA 10000)	(PF 22000 + PFA 20000)	-
Max. static pressure (Airflow = 0 m3/h)	38 Pa	57 Pa	-
Filtration efficiency	0.88	0.91	88/91%
Filter material grade	G 3 (DIN EN 779)	G 4 (DIN EN 779)	G3/ G4 (DIN EN 779)
Duty cycle	1	1	-

Technical data	PF 11000 AC	PF 11000 DC	PF 22000 AC	PF 22000 DC	PFA 10000 PFA 20000
Outside dimensions in mm	109 x 109 x 62	109 x 109 x 49	145 x 145 x 70	145 x 145 x 64	109 x 109 x 26/
(height x width x installation depth)					145 x 145 x 26
Bearing type	sleeve bearings	ball bearings	sleeve bearings	ball bearings	-
Fitting position	vertical	any	vertical	any	-
Construction	housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO				
Weight	0.55 kg	0.16 kg	0.7 kg	0.44 kg	0.06 kg / 0.12 kg
Safety protection	in accordance with DIN 31 001				
Color LG	RAL 7035, Light Grey				
Color BK	RAL 9011 Black				
Connection	2 wires, 310 mm long		terminal strip	2 wires, 310 mm long	
System of protection	NEMA Type 12, IP 55 (EN 60 529), when installed as specified				

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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65 CFM Filterfans *PF GEN4 Series*

Type 12

Features

- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Fan Motor is CSA Approved
- Options: Black Grills

Accessories

- Exhaust Filters...*See Page* ***247***
- Replacement Filters...*See Page* ***247***
- Filterfan Rainhoods - 4/4X...*See Page* ***253***
- Filterfan Rainhoods - 3R...*See Page* ***252***

Quick Link: hammfg.com/PF32

Part Number Light Gray RAL7035	Part Number Black RAL9011	Voltage	Power	Exhaust Filter Light Gray RAL7035	Exhaust Filter Black RAL9011
PF32000T12LG	**PF32000T12BK**	115V	20W	**PFA30000LG**	**PFA30000BK**
PF32000T12LG230	**PF32000T12BK230**	230V	18W	**PFA30000LG**	**PFA30000BK**
PF32000T12LG24	**PF32000T12BK24**	24V	5W	**PFA30000LG**	**PFA30000BK**

Airflow data	PF 32000	PFA 30000
Filter material	Type 12 filter mat	Type 12 filter mat
Unimpeded airflow	65 CFM	-
Capacity free-flow	37 W/K	-
Airflow in combination	38 CFM	-
(Filterfan + Exhaust Filter)	(PF 32000 + PFA 30000)	-
Capacity in combination	21 W/K	-
(Filterfan + Exhaust Filter)	(PF 32000 + PFA 30000)	-
Max. static pressure (Airflow = 0 m3/h)	61 Pa	-
Filtration efficiency	0.91	-
Filter material grade	G 4 (DIN EN 779)	G 4 (DIN EN 779)
Duty cycle	1	-

Technical data	PF 32000 AC	PF 32000 DC	PFA 30000
Outside dimensions in mm	202 x 202 x 87	202 x 202 x 81	202 x 202 x 34
(height x width x installation depth)			
Bearing type	sleeve bearings	ball bearings	-
Fitting position	vertical	any	any
Construction	housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO		
Weight	0.87 kg	0.61 kg	0.26 kg
Safety protection	in accordance with DIN 31 001		-
Color LG	RAL 7035, Light Grey		
Color BK	RAL9011 Black		
Connections	terminal strip	2 wires, 310mm long	-

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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94-169 CFM Filterfans *PF GEN4 Series*

Type 12

Features

- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Fan Motor is CSA Approved
- Options: Black Grills

Accessories

- Exhaust Filters...*See Page* ***247***
- Replacement Filters...*See Page* ***247***
- Filterfan Rainhoods - 4/4X...*See Page* ***253***
- Filterfan Rainhoods - 3R...*See Page* ***252***

Quick Link: hammfg.com/PF45

Part Number Light Gray RAL7035	Part Number Black RAL9011	Voltage	Power	Exhaust Filter Light Gray RAL7035	Exhaust Filter Black RAL9011
PF42500T12LG	**PF42500T12BK**	115V	20W	**PFA40000LG**	**PFA40000BK**
PF42500T12LG230	**PF42500T12BK230**	230V	18W	**PFA40000LG**	**PFA40000BK**
PF42500T12LG24	**PF42500T12BK24**	24V	5W	**PFA40000LG**	**PFA40000BK**
PF43000T12LG	**PF43000T12BK**	115V	40W	**PFA40000LG**	**PFA40000BK**
PF43000T12LG230	**PF43000T12BK230**	230V	39W	**PFA40000LG**	**PFA40000BK**
PF43000T12LG24	**PF43000T12BK24**	24V	12W	**PFA40000LG**	**PFA40000BK**

Airflow data	PF 42500	PF 43000	PFA 40000
Filter material	NEMA Type 12 Filtermat	NEMA Type 12 Filtermat	NEMA Type 12 Filtermat
Unimpeded airflow	94 CFM	169 CFM	-
Capacity free-flow	53 W/K	I88 W/K	-
Airflow in combination	67 CFM	142 CFM	-
(Filterfan + Exhaust Filter)	(PF 42500 + PFA 40000)	(PF 43000 + PFA 40000)	-
Capacity in combination	38 W/K	69 W/K	-
(Filterfan + Exhaust Filter)	(PF 43000 + PFA 40000)	(PF 43000 + PFA 40000)	-
Max. static pressure (Airflow = 0 m3/h)	49 Pa	112 Pa	-
Filtration efficiency	0.91	0.91	0.91
Filter material grade	G 4 (DIN EN 779)	G 4 (DIN EN 779)	G 4 (DIN EN 779)
Duty cycle	1	1	-

Technical data	PF 42500 AC/DC	PF 43000 AC/DC	PFA 40000
Outside dimensions in mm	252 x 252 x 97	252 x 252 x 113	252 x 252 x 38
(height x width x installation depth)			
Bearing type / Lagerart	ball bearings		-
Fitting position / Einbaulage	any, horizontal airflow preferred		any
Construction	housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO		
Weight	1.18 kg	1.67 kg	0.46 kg
Safety protection	in accordance with DIN 31 001		
Color LG	RAL 7035, Light Grey		
Color BK	RAL9011 Black		
Connections / Anschlussart	cage clamp	cage clamp	-

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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297-560 CFM Filterfans *PF GEN4 Series*

Type 12

Features

- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Fan Motor is CSA Approved
- Options: Black Grills

Accessories

- Exhaust Filters...*See Page* ***247***
- Replacement Filters...*See Page* ***247***
- Filterfan Rainhoods - 4/4X...*See Page* ***253***
- Filterfan Rainhoods - 3R...*See Page* ***252***

Quick Link: hammfg.com/PF65

Part Number Light Gray RAL 7035	Part Number Black RAL9011	Voltage	Power	Exhaust Filter Light Gray RAL7035	Exhaust Filter Black RAL9011
PF65000T12LG	**PF65000T12BK**	115V	90W	**PFA60000LG**	**PFA60000BK**
PF65000T12LG230	**PF65000T12BK230**	230V	80W	**PFA60000LG**	**PFA60000BK**
PF66000T12LG	**PF66000T12BK**	115V	160W	**PFA60000LG**	**PFA60000BK**
PF66000T12LG230	**PF66000T12BK230**	230V	155W	**PFA60000LG**	**PFA60000BK**
PF67000T12LG	**PF67000T12BK**	115V	195W	**PFA60000LG**	**PFA60000BK**
PF67000T12LG230	**PF67000T12BK230**	230V	170W	**PFA60000LG**	**PFA60000BK**

Airflow data	PF 65000	PF 66000	PF 67000	PFA 60000
Filter material	Type 12 Filtermat	Type 12 Filtermat	Type 12 Filtermat	Type 12 Filtermat
Unimpeded airflow	297 CFM	462 CFM	560 CFM	-
Capacity free-flow	IP 54: 160 W/K / 160 W/K	IP 54: 213 W/K / 218 W/K	IP 54: 282 W/K / 292 W/K	-
	IP 55: 168 W/K / 168 W/K	IP 55: 257 W/K / 262 W/K	IP 55: 308 W/K / 317 W/K	-
Airflow in combination	230 CFM	295 CFM	368 CFM	-
(Filterfan + Exhaust Filter)	(PF 65000 + PFA 60000)	(PF 66000 + PFA 60000)	(PF 67000 + PFA 60000)	-
Capacity in combination	127 W/K	167 W/K	208 W/K	-
(Filterfan + Exhaust Filter)	(PF 65000 + PFA 60000)	(PF 66000 + PFA 60000)	(PF 67000 + PFA 60000)	-
Max. static pressure (Airflow = 0)	74 Pa	134 Pa	187 Pa	-
Filtration efficiency	0.91	0.91	0.91	0.91
Filter material grade	G 4 (DIN EN 779)	G 4 (DIN EN 779)	G 4 (DIN EN 779)	G 4 (DIN EN 779)
Duty cycle	1	1	1	-

Technical data	PF 65000	PF 66000	PF 67000	PFA 60000
Outside dimensions in mm	320 x 320 x 150	320 x 320 x 150	320 x 320 x 150	320 x 320 x 39
(height x width x installation depth)				
Bearing type	ball bearings	ball bearings	ball bearings	-
Fitting position	any, horizontal airflow preferred		any	-
Construction	housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO			
Weight	3.2 kg	3.2 kg	3.7 kg	0.7 kg
Safety protection	in accordance with DIN 31 001			-
Color	RAL 7035, Light Grey			
Connections	cage clamp	cage clamp	cage clamp	-

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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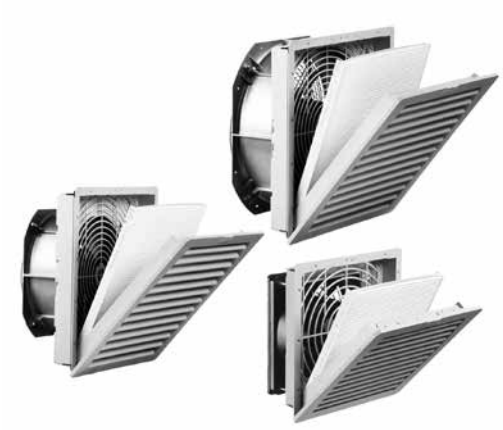
Data Subject to change without notice

152-427 CFM Slimline Filterfans *PF SL GEN4 Series*

Type 12



Quick Link: hammfg.com/PF33SL

Features

- Low installation depth
- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8,
- UL File #E175229
- CSA #246217
- Patented “Click & Fit” design provides a hardware-free installation!
- Plastic made from strong, heat resistant
- (ABS-FR), UL 94 VO fire approved material
- Options: Black Grills, Reverse Flow Exhaust

Accessories

- Exhaust Filters...*See Page* ***247***
- Replacement Filters...*See Page* ***247***
- Filterfan Rainhoods - 4/4X...*See Page* ***253***
- Filterfan Rainhoods - 3R...*See Page* ***252***

Part No. Light Gray RAL7035	Part No. Black RAL9011	Voltage	Power	Exhaust Filter Light Gray RAL7035	Exhaust Filter Black Grill RAL9011
PF33000T12LGSL	**PF33000T12BKSL**	115V	20W	**PFA30000LG**	**PFA30000BK**
PF33000T12LGSL2	**PF33000T12BKSL2**	230V	19W	**PFA30000LG**	**PFA30000BK**
PF330DCT12LGSL2	**PF330DCT12BKSL2**	24V DC	5W	**PFA30000LG**	**PFA30000BK**
PF65000T12LGSL	**PF65000T12BKSL**	115V	80W	**PFA60000LG**	**PFA60000BK**
PF65000T12LGSL2	**PF65000T12BKSL2**	230V	80W	**PFA60000LG**	**PFA60000BK**
PF67000T12LGSL	**PF67000T12BKSL**	115V	120W	**PFA60000LG**	**PFA60000BK**
PF67000T12LGSL2	**PF67000T12BKSL2**	230V	127W	**PFA60000LG**	**PFA60000BK**
PF67000T12LGSL4	**PF67000T12BKSL4**	400V/460V	110W	**PFA60000LG**	**PFA60000BK**

Airflow data	PF 33000 SL	PF 65000 SL	PF 67000 SL
Filter material	Type 12 Filtermat	Type 12 Filtermat	Type 12 Filtermat
Unimpeded airflow	152 CFM	325 CFM	427 CFM
Cooling Dissipation (W)/°T	168 W/K	262 W/K	317 W/K
Airfl ow in combination	115 CFM	250 CFM	342 CFM
(Filterfan + Exhaust Filter)	(PF 33000 + PFA 30000)	(PF 65000 + PFA 60000)	(PF 67000 + PFA 60000)
Capacity in combination	127 W/K	167 W/K	208 W/K
(Filterfan + Exhaust Filter)	(PF 33000 + PFA 30000)	(PF 65000 + PFA 60000)	(PF 67000 + PFA 60000)
Max. static pressure (Airfl ow = 0)	74 Pa	134 Pa	187 Pa
Filtration effi ciency	0.91	0.91	0.91
Filter material grade	G 4 (DIN EN 779)	G 4 (DIN EN 779)	G 4 (DIN EN 779)
Duty cycle	1	1	1

Technical data	PF 33000SL	PF 65000SL	PF 67000SL
Outside dimensions in mm (height x width x installation depth)	202 x 202 x 87	320 x 320 x 124	320 x 320 x 127
Cut Out Dimension	177 x 177	291 x 291	291 x 291
Bearing type	ball bearings		
Fitting position	any, horizontal airflow preferred		
Construction	housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO		
Weight	3.2 kg	3.2 kg	3.7 kg
Safety protection	in accordance with DIN 31 001		
Color	RAL 7035, Light Grey		
Connections	cage clamp		
Approval	NEMA Type 12, IP 55 (EN 60 529), when installed as specified		

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Exhaust Filters

4th Generation

- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- CSA #246217
- Patented “Click & Fit” design provides a hardware-free installation
- Plastic made from strong, heat resistant (ABS-FR) UL 94 VO fire approved material

Part Number Light Gray (RAL7035)	Part Number Black (RAL9011)	Filtration Efficiency %
PFA10000LG	**PFA10000BK**	88
PFA20000LG	**PFA20000BK**	91
PFA30000LG	**PFA30000BK**	91
PFA40000LG	**PFA40000BK**	91
PFA60000LG	**PFA60000BK**	91

Replacement Filters

4th Generation

PFF Series Replacement Filters

- For PF Series Filter Fans
- Special patent pending fluted filter design increases the time between maintenance by 3X
- Allows for greater CFM in dirty environments
- Sold in Packs of 5

PFFT Series Replacement Filters

- For PTF Series Top Mount Filter Fans
- Standard synthetic fiber filter
- Sold in Packs of 5
  - Note: Top mount filter fan units have 4 separate filters per unit - replacement packs (PFFT Series) contain 20 individual filters which will service 5 top mount fan units

Part Number	Use with 4th Gen FF
PFF10000*	PF/PFA 1XXXX
PFF20000	PF/PFA 2XXXX
PFF30000	PF/PFA 3XXXX
PFF40000	PF/PFA 4XXXX
PFF60000	PF/PFA 6XXXX
PFFT60001	PTF60500/PTFA60500
PFFT60002	PTF60700/61000

*Standard synthetic fiber filter.

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266-485 CFM Top Mount Filterfans *PTF GEN4 Series*

Type 12

Features

- Maintains a NEMA 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Metal Pagoda Cover for rugged environments, easily painted to match machine color
- Fan Motor is CSA Approved

Accessories

- Exhaust Filters...*See Page* ***247***
- Replacement Filters...*See Page* ***247***

Quick Link: hammfg.com/PTF60

Part Number	Voltage	Power	H	W	D	Installed Depth	Mating Exhaust Filter
PTF60500LG	115V	24W	4.92	16.93	16.93	1.97	**PFA60000LG**
PTF60500LG230	230V	24W	4.92	16.93	16.93	1.97	**PFA60000LG**
PTF60700LG	115V	90W	5.51	18.50	18.50	1.97	**PFA60000LG**
PTF60700LG230	230V	80W	5.51	18.50	18.50	1.97	**PFA60000LG**
PTF61000LG	115V	170W	5.51	18.50	18.50	1.97	**PFA60000LG**
PTF61000LG230	230V	150W	5.51	18.50	18.50	1.97	**PFA60000LG**

Airflow data	PTF 60500	PTF 60700	PTF 61000	PTFA 60000
Filter material	NEMA 12 Filtermat	NEMA 12 Filtermat	NEMA 12 Filtermat	NEMA 12 Filtermat
Unimpeded airflow	226 CFM	356 CFM	485 CFM	-
Capacity free-flow	113 W/K	177 W/K	242 W/K	-
Airflow in combination	149 CFM	227 CFM	304 CFM	-
(Filterfan + Exhaust Filter)	(PTF 60500 + PFA 60000)	(PTF 60700 + PFA 60000)	(PTF 61000 + PFA 60000)	-
Capacity in combination	74 W/K	113 W/K	152 W/K	-
(Filterfan + Exhaust Filter)	(PTF 60500 + PFA 60000)	(PTF 60700 + PFA 60000)	(PTF 61000 + PFA 60000)	-
Max. static pressure (Airflow = 0)	71 Pa	88 Pa	158 Pa	-
Filtration efficiency	0.8100000000000001	81%%	0.8100000000000001	-
Filter material grade	G 3 (DIN EN 779)	G 3 (DIN EN 779)	G 3 (DIN EN 779)	-
Duty cycle	1	1	1	-

Technical data	PTF 60500	PTF 60700	PTF 61000	PTFA 60000
Bearing type	ball bearings	ball bearings	ball bearings	n/a
Fitting position	horizontal	horizontal	horizontal	any
Construction	metal chassis cover powder coaded, snapin plastic housing			
Weight	5.5 kg	5.8 kg	6.0 kg	3.1 kg
Safety protection	in accordance with DIN 31 001			
Color	RAL 7035, Light Grey			
Connections	terminal strip	terminal strip	terminal strip	n/a

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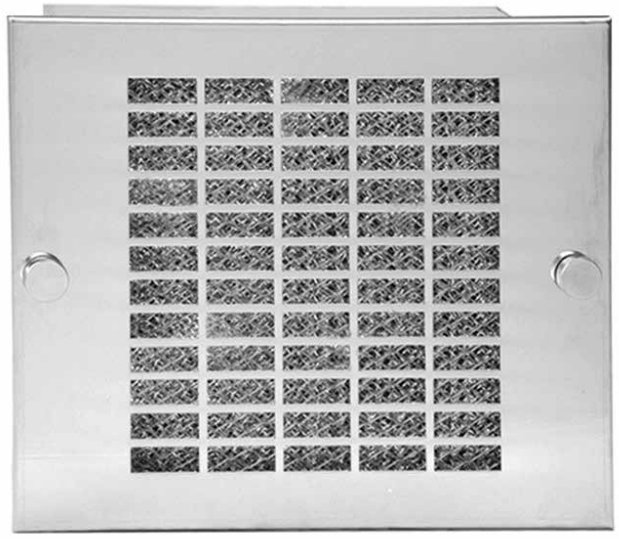
105-550 CFM Filtered Fan Boxes *XF Series*



Standards
- UR/CUR/CE approved fan motors.
- CSA listed on fan only.

Features
- 115 VAC or 230 VAC, 50/60 Hz.
- 12” lead wires.
- Exceptionally quiet operation.
- Versatile mounting and adaptability.
- Heavy-gauge steel construction.
- Attractive stainless steel grills.
- Shipped with air flow to pressurize. Can be user modified to exhaust.
- Aluminum filter is coated with adhesive baffle surfaces for dust and dirt collection. Can be recoated after cleaning for optimum performance.
- Drilling template included.
- Note: One grill and filter are included with each fan package. Normally, an additional exhaust grill and filter are required for each installation and must be ordered separately.

Accessories
- Filter Coat...*See Page* ***265***

Quick Link: hammfg.com/XF

Description
- In a typical cooling arrangement, the filtered fan box pulls air into the enclosures and the filter grill is used as an air outlet.
- The washable aluminum filter grill and the air filter are easily accessible and can be removed for cleaning.
- The filtered fan boxes are available in either 115 VAC or 230 VAC, 50/60 Hz.
- Filtered passive ventilation can be provided by an exhaust filter for either convection cooling or in combination with a fan in forced air cooling.

Exhaust Grill and Filters

Part No.	H	W
XFG4	6.13	7.38
XFG6	7.63	8.88
XFG10	11.63	13.00

[1] Dimension for mounting and cabinet cutout. Secure sheet metal with #10 hardware.

Replacement Filters

Part No.	Pkg. Qty.
XFF4	3
XFF6	3
XFF10	3

Filtered Fan Boxes

Part No.	Free Flow Air Delivery (CFM)	Volts	RPM Nominal	Running Amps	Watts	Fan Housing H	Fan Housing W	Fan Housing D
XF4115	105	115	3000	0.18	15	5.63	5.63	2.38
XF4230	105	230	3000	0.09	15	5.63	5.63	2.38
XF6115	220	115	3300	0.29	33	7.13	7.13	3.00
XF6230	220	230	3300	0.15	33	7.13	7.13	3.00
XF10115	560	115	1600	0.87	60	11.13	11.13	4.56
XF10230	560	230	1600	0.45	60	11.13	11.13	4.56

[1] Dimension for mounting and cabinet cutout. Secure sheet metal with #10 hardware.

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Filter Fan Kits *DNFF Series*

Features

- Kit includes one (1) of the following:
  - Fan
  - Plastic Filter Grill
  - Filter
  - Metal Grill
  - Wire Cord or Leads (see table)
  - Includes Mounting Hardware
- Flame retardant, ABS plastic filter fan grill is molded in a choice of four colors to match our racks & accessories.
  - “BK” (Black)
  - “GY” (ANSI 61 Gray)
  - “LG” (Light Gray - RAL7035)
  - “CG” (Beige)
- Fan component is UL recognized to UL 507, and cUL recognized or CSA certified to CSA-C22.2 No. 113.
- If required, complementary exhaust filter grill kits (without fan) available - see XPFA Series

Quick Link: hammfg.com/DNFF

Part No. Black Filter Grill	Part No. ANSI 61 Gray Filter Grill	Part No. Gray/Beige Filter Grill	Part No. Light Gray Filter Grill	VAC	Fan Size	CFM	Cord Length	Noise (dB)
DNFF080BK115	**DNFF080GY115**	**DNFF080CG115**	**DNFF080LG115**	115	3.15	32	11 Inch leads	34
DNFF120BK115	**DNFF120GY115**	**DNFF120CG115**	**DNFF120LG115**	115	4.70	105	24 Inch cord	56
DNFF150BK115	**DNFF150GY115**	**DNFF150CG115**	**DNFF150LG115**	115	6.00	230	12 Inch leads	53
DNFF254BK115	**DNFF254GY115**	**DNFF254CG115**	**DNFF254LG115**	115	10.00	550	24 Inch cord	60
DNFF080BK230	**DNFF080GY230**	**DNFF080CG230**	**DNFF080LG230**	230	3.15	32	11 Inch leads	34
DNFF120BK230	**DNFF120GY230**	**DNFF120CG230**	**DNFF120LG230**	230	4.70	105	24 Inch cord	56
DNFF150BK230	**DNFF150GY230**	**DNFF150CG230**	**DNFF150LG230**	230	6.00	230	12 Inch leads	53
DNFF254BK230	**DNFF254GY230**	**DNFF254CG230**	**DNFF254LG230**	230	10.00	550	24 Inch cord	60

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Filter Fan Grills *XPFA Series*

Features

- Create your own filter fans or exhaust grills
- Mounts easily with 4 screws using template and hardware provided.
- Maintains an IP54 seal against enclosure.
- Complete with flame retardant ABS plastic grill and flame retardant synthetic filter.
- Integral gasket on reverse side of grill, seals against mounting surface.
- Hole cutout is NOT critical as rear of filter grill seals to surface (see rear photo below)
- Can be used with standard 3.15” or 4.7” square fans (available below or use your own) or alone as as exhaust grill
- Molded in a choice of four colors to match our racks & accessories.
  - “BK” (Black)
  - “CG” (Gray/Beige - RAL7032)
  - “GY” (ANSI 61 Gray)
  - “LG” (Light Gray - RAL7035)

Quick Link: hammfg.com/XPFA

Replacement Filters (Sold in Pack of 5)

Part No.	Use with Fan Size	Use with Grill Series
PFF1000	3.15	XPFA80
PFF2000	4.70	XPFA120
PFF4000	7.72	XPFA150
PFF6000	12.00	XPFA254

Part No. Black	Part No. Gray/Beige	Part No. ANSI 61 Gray	Part No. Light Gray	Overall Dimensions H	W	D	Use With Square Fan Size
XPFA80BK	**XPFA80CG**	**XPFA80GY**	**XPFA80LG**	4.14	4.14	0.63	3.15
XPFA120BK	**XPFA120CG**	**XPFA120GY**	**XPFA120LG**	5.91	5.91	0.94	4.70
XPFA150BK	**XPFA150CG**	**XPFA150GY**	**XPFA150LG**	7.72	7.72	0.94	6.00
XPFA254BK	**XPFA254CG**	**XPFA254GY**	**XPFA254LG**	12.00	12.00	0.94	10.00

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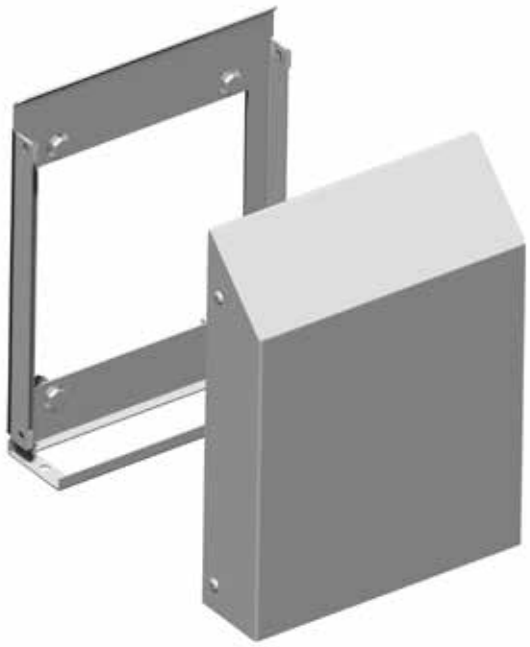
Filterfan Rainhoods - 3R *RH Series*



Quick Link: hammfg.com/RH

Application

- Type 3R / Outdoor Rainhoods
- Protection against rain and snow or large airborne debris
- Sold individually

Features

- Easy installation
- Covers many external mounted Fans & Grills
- Fits PF2000/PF22000 thru PF5/6/7000 series Filterfans
- Tamperproof hardware and sealing gasket provided

Standards

- UL 508A type 3R
- CSA C22.2 #94-M1

Finish

- Cover offered in ANSI61 gray or RAL7035 light gray powder coated finish on mild steel
- Also offered in stainless steel 304 #4 finish
- Base in Galvanized sheet steel

Grill/Solid Cover Kit

- Can be installed in bottom opening of rain hood
- Grill allows ventilation while preventing unwanted entry of large contaminants
- Solid cover allows sealing of opening when fan/filter not in use

	Overall Dimensions				
Part No.	H	W	D	Use with	Finish
RH20000GY	10.44	7.77	2.17	PF2000/PF22000 Series	ANSI 61 Gray
RH20000LG	10.44	7.77	2.17	PF2000/PF22000 Series	RAL7035
RH20000SS	10.44	7.77	2.17	PF2000/PF22000 Series	Stainless Steel
RH40000GY	14.57	11.71	3.35	PF25, 30, 32, 43000 Series	ANSI 61 Gray
RH40000LG	14.57	11.71	3.35	PF25, 30, 32, 43000 Series	RAL7035
RH40000SS	14.57	11.71	3.35	PF25, 30, 32, 43000 Series	Stainless Steel
RH60000GY	15.88	14.66	4.33	PF5,6,7000, 65, 67000 Series	ANSI 61 Gray
RH60000LG	15.88	14.66	4.33	PF5,6,7000, 65, 67000 Series	RAL7035
RH60000SS	15.88	14.66	4.33	PF5,6,7000, 65, 67000 Series	Stainless Steel

Grill/Solid Cover Kit

Part No.	Use With	Finish
RHA20000G	RH20000GY,LG,SS	Galvanized Steel
RHA40000G	RH40000GY, LG, SS	Galvanized Steel
RHA60000G	RH60000GY,LG, SS	Galvanized Steel

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Filterfan Rainhoods - 4/4X *RHN4 Series*

Quick Link: hammfg.com/RHN4

Application

- Type 4/4X (IPx6) Rainhoods (when used with PF Series Filterfans)
- Ideal for locations with high exposure to spraying water
- Painted galvanized steel version for Type 4
- 304 and 316 stainless steel versions for Type 4X
- Specially gasketed, 316 stainless steel, sanitary version for FDA compatible Type 4X
- Sold individually

Features

- Easy installation - mounting bracket installed around cutout and rainhood slides down over bracket
- High compression, closed cell black gasket with multiple seal dams ensure tight, waterproof seal
  - Sanitary version has special FDA compatible, white multiple seal gasket
- Direct spray barrier/baffle designed to maximize airflow while providing superior protection from overspray

Standards

- UL / cUL Listed Type 4 or 4X (as noted)
  - must be used in combination with PF Series Filterfan

Finish

- Base mounting bracket - unpainted 304 SS
- Rainhood Covers
  - Type 4 - ANSI61 Gray (GY) or RAL7035 Light Gray (LG) powder coated finish on galvanized steel
  - Type 4X - 304 or 316 stainless steel with #4 brushed finish
  - Sanitary Type 4X - 316 stainless steel with #4 brushed finish

	Overall Dimensions				
Part No.	H	W	D	Use with	Rating/Finish
RH20000N4GY	10.44	8.70	3.56	PF22000/PFA20000	Type 4 / ANSI 61 Gray
RH20000N4LG	10.44	8.70	3.56	PF22000/PFA20000	Type 4 / RAL7035
RH20000N4SS	10.44	8.70	3.56	PF22000/PFA20000	Type 4X / 304 Stainless Steel
RH20000N4S16	10.44	8.70	3.56	PF22000/PFA20000	Type 4X / 316 Stainless Steel
RH20000N4SSFDA	10.44	8.70	3.56	PF22000/PFA20000	Sanitary Type 4X / 304 Stainless Steel
RH20000N4S16FDA	10.44	8.70	3.56	PF22000/PFA20000	Sanitary Type 4X / 316 Stainless Steel
RH30000N4GY	12.68	10.87	3.56	PF3X000/PFA30000	Type 4 / ANSI 61 Gray
RH30000N4LG	12.68	10.87	3.56	PF3X000/PFA30000	Type 4 / RAL7035
RH30000N4SS	12.68	10.87	3.56	PF3X000/PFA30000	Type 4X / 304 Stainless Steel
RH30000N4S16	12.68	10.87	3.56	PF3X000/PFA30000	Type 4X / 316 Stainless Steel
RH30000N4SSFDA	12.68	10.87	3.56	PF3X000/PFA30000	Sanitary Type 4X / 304 Stainless Steel
RH30000N4S16FDA	12.68	10.87	3.56	PF3X000/PFA30000	Sanitary Type 4X / 316 Stainless Steel
RH40000N4GY	14.65	12.84	3.56	PF4XX00/PFA40000	Type 4 / ANSI 61 Gray
RH40000N4LG	14.65	12.84	3.56	PF4XX00/PFA40000	Type 4 / RAL7035
RH40000N4SS	14.65	12.84	3.56	PF4XX00/PFA40000	Type 4X / 304 Stainless Steel
RH40000N4S16	14.65	12.84	3.56	PF4XX00/PFA40000	Type 4X / 316 Stainless Steel
RH40000N4SSFDA	14.65	12.84	3.56	PF4XX00/PFA40000	Sanitary Type 4X / 304 Stainless Steel
RH40000N4S16FDA	14.65	12.84	3.56	PF4XX00/PFA40000	Sanitary Type 4X / 316 Stainless Steel
RH60000N4GY	17.33	15.51	3.56	PF6XX00/PFA60000	Type 4 / ANSI 61 Gray
RH60000N4LG	17.33	15.51	3.56	PF6XX00/PFA60000	Type 4 / RAL7035
RH60000N4SS	17.33	15.51	3.56	PF6XX00/PFA60000	Type 4X / 304 Stainless Steel
RH60000N4S16	17.33	15.51	3.56	PF6XX00/PFA60000	Type 4X / 316 Stainless Steel
RH60000N4SSFDA	17.33	15.51	3.56	PF6XX00/PFA60000	Sanitary Type 4X / 304 Stainless Steel
RH60000N4S16FDA	17.33	15.51	3.56	PF6XX00/PFA60000	Sanitary Type 4X / 316 Stainless Steel

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Data Subject to change without notice

Rack Mount Fan Tray *FT Series*

Features

- Standard 19” rack mount
- Compact and economical rack cooling solution.
- Fan trays can be positioned at the bottom of a rack to force air through the cabinet, at the top to exhaust air out or below specific pieces of equipment for spot cooling
- Choice of two operating voltages 115VAC (or 220VAC) - both 50/60 Hz., thermally protected, ball bearing fans
- Circuit breaker protected
- Low profile 1.75” (1U) of panel space
- 115VAC versions includes a 6’ 14/3 STJW cord with molded 3 prong plug (NEMA 5-15P)
- 220VAC versions include an IEC input receptacle (IEC320-C14)
- Integral finger guards above and below fans
- Case width is 17”
- 6 and 9 fan units include an adjustable rear mounting bracket (mounts to rear panel rails) for extra stability
- Shipped fully assembled
- Available with or without on/off switch
- Finished in textured black powder paint

Quick Link: hammfg.com/FT

115 VAC Fan Trays

Part No. Without Switch	Part No. With Switch	Number Of Fans	Free Flow Air Delivery (CFM)	Power (50/60 Hz.)	Running Amps	Running Wattage	Case Depth	Rear Bracket Depth Min.	Rear Bracket Depth Max.	Noise (dB)
FT300TA1BK	**FT300HA1BK**	3	300	115 VAC	0.5	40	7.50	n/a	n/a	63
FT600TA1BK	**FT600HA1BK**	6	600	115 VAC	1	80	13.00	2.40	19.20	65
FT900TA1BK	**FT900HA1BK**	9	900	115 VAC	1.5	120	18.50	7.90	24.70	69

220 VAC Fan Trays

Part No. Without Switch	Part No. With Switch	Number Of Fans	Free Flow Air Delivery (CFM)	Power (50/60 Hz.)	Running Amps	Running Wattage	Case Depth	Rear Bracket Depth Min.	Rear Bracket Depth Max.	Noise (dB)
FT300TA1220BK	**FT300HA1220BK**	3	300	220 VAC	0.26	40	7.50	n/a	n/a	63
FT600TA1220BK	**FT600HA1220BK**	6	600	220 VAC	0.52	80	13.00	2.40	19.20	65
FT900TA1220BK	**FT900HA1220BK**	9	900	220 VAC	0.79	120	18.50	7.90	24.70	69

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Rack Mount Intake Blowers

Features

- Standard 19” rack mount
- Air delivery from more than 50% of their 17” width
- Internal neoprene isolation mounts reduce transmission of vibration to the rack
- Air intake only, to pressurize the rack with filtered air
- Heavy steel construction
- Attractive 19” stainless steel grille included
- 115 VAC, 50/60 Hz. motor is UL recognized, CSA certified, ball bearing type, cooled by incoming air
- Includes permanent filter (replacement filters available below)
- Comes with 6’ STJ 3- wire cord
- Optional replacement filters come in a pack of five (5).

Accessories

- Filter Coat...*See Page* ***265***

Part No.	Free Flow Air Delivery (CFM)	Running Amps	RPM Nominal	Noise (dB)	Blower Type	Ambient Temperature (F)	Mounting Dimentions Rack Units	Mounting Dimentions Height	Replacement Filter 5-Pack
HB2160A	145 / 125	0.7	2500 / 3000	62	TransverseFlow	-20 to +250	2U	3.50	**HB2UFILTER**
HB3250A	155 / 200	1.2	2750 / 3000	72	Double Centrifugal	-20 to +250	3U	5.25	**HB3UFILTER**
HB4500A	405 / 465	2.5	2750 / 3300	76	Double Centrifugal	-20 to +250	4U	7.00	**HB4UFILTER**

Fan Panel Assembly

Features

- Choice of two or three fan models - mounted on a standard width 19” rack panel - shipped assembled as shown.
- Front of panel is punched for finger protection and the rear of the fans assembled with metal guards
- Perfect as an exhaust fan panel or when using “push-pull” cooling (ie..unit pulls air out of the rack cabinet)
- Rugged textured black powder paint finish.
- Two (2) or Three (3) fan daisy chain wire lead/cord, 72” in length.

Part No.	Number of Fans	Voltage (50/60Hz.)	Fan Panel CFM	Noise (dB)	115VAC Plug	Mounting Dimensions Rack Units	Mounting Dimensions Height
PPGPFPA	2	115 VAC	210	60	Yes	3U	5.25
PPGPFPA230	2	230 VAC	210	60	No	3U	5.25
FP3F115	3	115 VAC	315	63	Yes	3U	5.25
FP3F230	3	230 VAC	315	63	No	3U	5.25

Note: Front fan guards are punched into panel - rear fan guards are our standard metal fan guards.

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125-1300 W Fan Heater with Thermostat

Features

- Designed to prevent condensation or maintain minimum temperature in enclosures.
- Built in Thermostat. (-18 C to +38 C) (0 F to +100 F)
- Fan Auto/On switch with pilot light for Heat On indication
- High temperature safety protection
- Aluminum alloy outer casing
- Connection via terminal block.
- 1300W models are cURus approved only.

Part No.	Watts	Voltage	Hz	CFM	Overall Dimensions Height x Width x Depth
FLHTF125A115	125 W	120 V	60	20	5.5" x 4.0" x 5.3"
FLHTF125A230	105/125 W	220/240 V	50/60	20	5.5" x 4.0" x 5.3"
FLHTF200A115	200 W	120 V	60	20	5.5" x 4.0" x 5.3"
FLHTF200A230	165/200 W	220/240 V	50/60	20	5.5" x 4.0" x 5.3"
FLHTF400A115	400 W	120 V	60	20	7.5" x 4.0" x 5.3"
FLHTF400A230	335/400 W	220/240 V	50/60	20	7.5" x 4.0" x 5.3"
FLHTF800A115	800 W	120 V	60	20	7.5" x 4.0" x 5.3"
FLHTF800A230	670/800 W	220/240 V	50/60	20	7.5" x 4.0" x 5.3"
FLHTF1300A115	1300 W	120 V	60	50	7.5" x 5.6" x 6.9"
FLHTF1300A230	1080/1300 W	220/240 V	50/60	50	7.5" x 5.6" x 6.9"

250-400 W Fan Heater

Features

- For use when larger heating capacities or internal forced air circulation is required.
- Designed to prevent condensation or maintain minimum temperature in enclosures.
- Thermostats are also available.

Accessories

- Temperature Controls and Accessories...*See Page* ***262***

Part No.	Watts	Surface Temperature	Starting Current	Dimensions Length x Width x Depth
SHGL04600	250	167°F	2.2 A	7.00 x 3.15 x 3.15
SHGL04601	400	167°F	3.5 A	9.76 x 3.15 x 3.15

Operating Voltage:	AC 110-120 V, 50/60 Hz
Circulation Power:	20 CFM Free Blowing
Axial Fan:	Ball Bearing
Durability:	30,000 hrs. at 68°F ambient temperature
Heating Element:	Resistance heating element with temperature limiter
Heating Body:	Extruded aluminum, black anodized
Connection:	3 pole terminal for 12 AWG
Mounting:	Easily installed by clip mounting on 35 mm DIN rails (included)
Protection Class:	1 (tested for grounding at 1250 V)
Protection:	IP20
Approval:	UL Recognized Component, cUL Recognized Component, CE

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550-650 W High Wattage Fan Heater

Features

- For large heating capacity requirements.
- Maintains minimum operating temperatures in enclosures.
- Helps prevent failures to components caused by condensation and corrosion.
- Built-in thermostat and control light.
- Heating power adjusts to ambient temperature.
- Heat exits top of fan heater. (add 2" clearance for heat sensitive parts)

Part No.	Watts	Inrush Current (Amps)	Volts	Temperature Maximum with Fan
SCR027009	550 W	14 A	AC 120	250°F/120°C
SCR027009230	550 W	13 A	AC 230	250°F/120°C
SCR027019	650 W	15 A	AC 120	320°F/160°C

Air Flow:	20 CFM (550W), 26 CFM (650W)
Thermostat Range:	32 - 140 degrees Fahrenheit
Heating Element:	PTC - Semiconductor/resistor
Housing:	Plastic, rated UL94-VO
Connection:	3 pole terminal, AWG 14 max (2.5 mm2)
Mounting:	Clip for 35mm DIN rail
Protection Class:	II (Double Insulated)
Protection Type:	IP20
Approval:	UL Recognized Component, cUL Recognized Component, CE

15-150 W Heater

Features

- Designed to provide enclosed electronic, pneumatic, hydraulic and mechanical equipment with protection from low temperatures, condensation and corrosion.
- The PTC (Positive Temperature Coefficient) heater unit maintains a stable temperature environment within enclosures, allowing critical components to perform with consistent reliability for longer periods.
- Push connectors for quick and easy wiring
- Used in combination with Normally Closed Thermostat or Humidistat

Accessories

- Temperature Controls and Accessories...*See Page* ***262***

Part No.	Watts[1]	Max. Current[2]	L
SHG14000	15W	1.1A	2.60
SHG14001	30W	1.2A	2.60
SHG14003	45W	1.8A	2.60
SHG14005	60W	2.5A	5.50
SHG14006	75W	4.5A	5.50
SHG14007	100W	5.0A	5.50
SHG14008	150W	7.5A	8.70

[1] At 68oF (20oC) ambient temperature
[2] Inrush current

Operating Voltage:	AC/DC 110- - 250 V
Heating Element:	PTC resistor, self regulating surface temperature
Heating Body:	Anodized extruded aluminum
Connection:	Push-type terminals for stranded and solid wire 3 x AWG 20 AWG 16 (0.5 - 1.5 mm2
Mounting:	Easily installed by clip mounting on 35 mm DIN rails (included)
Protection Class:	I, test voltage 1600 V
Protection:	IP20
Approval:	UL Recognized Component, cUL Recognized Component, CE

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10-30 W Mini Radiant Heaters

Features

- Designed for use in small enclosure housing or for heating of isolated spots in sensitive areas
- Compact design
- Used in combination with Normally Closed Thermostat or Humidistat

Accessories

- Temperature Controls and Accessories...*See Page* ***262***

Part No.	Watts	Max. Current	X	Y	Z	L
SHGM1410	10	1	1.16	1.77	1.97	12.00
SHGM1420	20	1.1	1.16	1.77	1.97	12.00
SHGM1430	30	1.2	1.16	1.77	1.97	12.00

Operating Voltage:	110-250 AC 50/60 Hz
Heating Element:	PTC resistor, self regulating surface temperature
Heating Body:	Aluminum, black anodised
Max surface temperature:	10w @ 203°F/95°C 20w @239°F/115°C 30w @284°F/140°C
Connection:	Connecting cable 11.8”
Mounting:	Din rail 35mm profile
Protection class:	IP20
Approval:	UL Recognized Component, cUL Recognized Componet, CE

100-400 W Control Panel Heater

Features

- When larger heating capacities or internal forced air circulation is required and space is limited.
- Compact design to prevent condensation or maintain minimum temperature in enclosures.
- Fan is included.

Accessories

- Temperature Controls and Accessories...*See Page* ***262***

Part No.	Watts	Operating Current (Amps)	Volts	Temperature Maximum with Fan
SHV031029	100 W	0.89	AC 120	250°F/120°C
SHV031039	150 W	1.3	AC 120	320°F/160°C
SHV031139	200 W	1.79	AC 120	250°F/120°C
SHV031149	300 W	2.62	AC 120	320°F/160°C
SHV031159	400 W	3.45	AC 120	360°F/180°C

Operating Voltage:	AC 110 -120 V 50/60 Hz
Air Flow:	20 CFM (100W, 150W heaters), 63 CFM (200W, 300W, 400W heaters)
Axial Fan:	Ball bearing
Durability:	30,000 hrs. at 68°F ambient temperature
Heating Element:	Cartridge heater
Heating Body:	Die cast aluminum
Connection:	5 pole terminal for 14 AWG (maximum)
G/L1/N1:	Heater
L2/N2:	Fan
Mounting:	Easily installed by clip mounting on 35 mm DIN rails (included)
Protection class:	1 (tested for grounding at 1250 V)
Protection:	IP44
Approval:	UL Recognized Component, cUL Recognized Component,CE

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Large Rainproof Ventilator

- Designed to equalize internal / external pressure and temperature
- Ventilators assist in condensation prevention by allowing enclosures to breathe Suitable for most types of metallic and non-metallic enclosures
- Molded in corrosion resistant UV stabilized polycarbonate plastic, finish RAL7035 Light Gray
- Gasket protection to enclosure wall
- Mount to enclosure wall thickness up to .16” with standard screws
- Internal vent channel & grille reduces insect intrusion
- Complies with NEMA Type 3R, IEC 60529 IP24
- Package quantity 1

Part No.	SDV280-1

Small Rainproof Ventilator

- Designed to equalize internal / external pressure and temperature
- Ventilators assist in condensation prevention by allowing enclosures to breathe Suitable for most types of metallic and non-metallic enclosures
- Molded in corrosion resistant UV stabilized polycarbonate plastic, finish RAL7035 Light Gray
- Gasket protection to enclosure wall
- Mount to enclosure wall thickness up to .16”
- Internal vent channel & grille reduces insect intrusion
- Complies with NEMA Type 3R, IEC 60529 IP24
- Package quantity 1

Part No.	SDV180-1

Pressure Compensation Plug

- Packaged individually.
- Provides for controlled pressure compensation due to temperature variations (i.e. night/day operation).
- When mounted to bottom of enclosure, this unique design provides a method of effectively draining moisture from within the enclosure
- Recommend two plugs per cabinet in opposite locations.
- Pipe Thread 1/2”NPT (actual dia. 0.813”)
- Recommended Torque 10 NM

Part No.	BDN4XN1

CSA/A Ex Approvals:	Class I, Zone 1, Ex e II
Ingress Protection:	IP66, CSA Enclosure Type NEMA 4X
Impact Resistance:	20Nm (7Nm GF Nylon)
Materials:	Durethan BKV 30 N1 30% Glass Filled Nylon
Operating Temp:	-50C to +85C

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Breather Kit

- Packaged individually.
- Provides for controlled pressure compensation due to temperature variations (i.e. night/day operation).
- Recommend two plugs per cabinet in opposite locations.
- Minimum cutout diameter 1.46”
- Includes sealing gasket

Part No.	Dimensions (Diameter x Depth)
SDA412	2.6” x 1.2”

Mounting:	PG 29 (1.14”) thread with union nut, minimum cutout diameter
Material:	Polycarbonate UL94VO
Protection:	IP45
Color:	RAL 7035 Light Gray
Operating Temperature:	- 45 °C +70 °C
UV Rating:	per UL746C (F1)

Type 1 Louvered Ventilating Plates

Features

- Provides ventilation in enclosures where required.
- Easily installed in the field by cutting a square hole of the proper size and bolting the ventilator in place.
- Finished in gray.
- Hole diameter is 0.22”.

Part No.	Plate Size Height	Plate Size Width	No. of Louvers	No. of Rows	Louvers Length	Opening Area (in2)
1481L44	5.62	5.50	4	1	4	4.5
1481L66	7.87	7.50	14	2	2	5.3
1481L88	10.56	10.50	18	2	4	20.2

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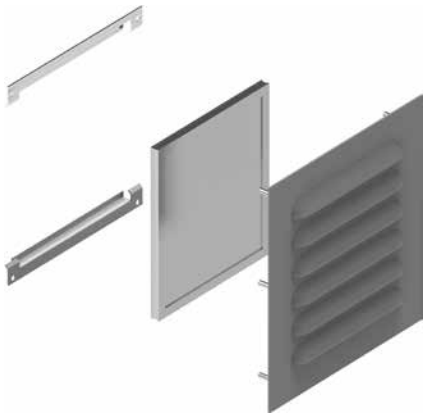
Type 3R Louvered Vent Kits



Features

- Provides ventilation in enclosures for either Indoor or outdoor locations
- Gasketed sealing kit provides protection to nema 3R
- Aluminum filter mesh provides ingress protection for both solid debris and outdoor rain conditions
- Easily field install kit includes all hardware.
- Louver plates are offered in both 14 gauge steel with ANSI61 Gray power coat finish or 304 Stainless Steel
- Sold in QTY 1

Part Number		Overall Size H x W	Number of	Louver Length
ANSI 61 Gray	Stainless Steel	(inches)	Louvers	(inches)
1481L3R55GY	1481L3R55SS	5.56 x 5.30	3	3.00
1481L3R56GY	1481L3R56SS	5.30 x 6.30	3	4.00
1481L3R66GY	1481L3R66SS	6.40 x 6.30	4	4.00
1481L3R68GY	-	6.40 x 8.30	4	6.00
1481L3R88GY	-	8.69 x 8.30	6	6.00
1481L3R610GY	-	6.62 x 10.30	4	8.00
1481L3R810GY	-	9.0 x 10.30	6	8.00
1481L3R1110GY	-	11.37 x 10.30	8	8.00
1481L3R1510GY	-	16.12 x 10.30	9	8.00

Replacement Aluminum Filters

Part Number	Size H x W (in)
LFK55	3.15 x 3.00
LFK56	3.25 x 4.00
LFK66	4.375 x 4.00
LFK68	4.375 x 6.00
LFK88	6.625 x 6.00
LFK610	4.563 x 8.00
LFK810	6.938 x 8.00
LFK1110	9.313 x 8.00
LFK1510	14.062 x 8.00

Ventilation Kit Type 4X

- Designed to equalize internal / external pressure and temperature
- Ventilators assist in condensation prevention by allowing enclosures to breathe
- Internal baffles create airflow pattern that allows air to pass between inside the enclosure to the outside environment
- Molded in corrosion resistant polycarbonate material finish in RAL7035 Light Gray
- Designed for use with enclosure wall thickness from 16 gauge to 1/4 “
- Compatible for use with both metallic and non metallic enclosures
- Installation template included
- Package quantity 2

Part No.	SDVN4XN2

Ingress Protection	UL & CSA Type 1,3R,4, 4X IP66
Material	Injected Molded Polycarbonate
Gasket Material	(FIP) Polyurethane
Operating Temperature	266 F to -31F (130 C to -35 C)
Flamability	V-O per UL94
Outdoor rating	UV rating (f1) per UL746C-UV stabilized

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Thermostats

Features

- Designed to provide air temperature control and monitoring in cabinets.
- Thermostat NC (Normally Closed) for the control of heaters and heater fans.
- Thermostat NO (Normally Open) for the control of cooling units, or for switching signal transmitters in case of overheating.
- Available in Fahrenheit or Celsius.

NC - Normally Closed (Red)

- Used in conjunction with heaters.
- Contact opens when rising temperatures reach the set point temperature, shutting heater off.

NO - Normally open (Blue)

- Used in conjunction with fans.
- Contact closes when rising temperatures reach the set point temperature, turning fan on.

Part No.	Scale	Contact Type	Dimensions Height x Width x Depth	Switching Capacity
SKT011409NC	F°	Normally Closed	2.8 x 1.5 x 1.4	15A @ 120VAC, 10A @ 240VAC, 30W @ DC
SKT011409NC-C	C°	Normally Closed	2.8 x 1.5 x 1.4	15A @ 120VAC, 10A @ 240VAC, 30W @ DC
SKT011419NO	F°	Normally Open	2.8 x 1.5 x 1.4	15A @ 120VAC, 10A @ 240VAC, 30W @ DC
SKT011419NO-C	C°	Normally Open	2.8 x 1.5 x 1.4	15A @ 120VAC, 10A @ 240VAC, 30W @ DC

Sensor Element:	Thermostatic bi-metal
Switching difference (hysteresis):	+ or - 4°F (+or- 3°K)
Adjustment Range:	30 - 140°F / 0 - 60°C
Noise Suppression:	N (according to VDE 0875)
Connection:	2 pole terminal for AWG 14 (2.5 mm²)
Mounting:	Easily installed by clip mounting on 35 or 38mm DIN rail (included)
Housing:	Flame retardant plastic UL94VO
Color:	Gray (SB)
Protection:	IP20
Approval:	UL Recognized Component, cUL Recognized Component, CE

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Twin Thermostats

Features

- Designed to provide air temperature control and monitoring in cabinets
- Twin thermostats integrates two independently switchable thermostats, unlike thermostats with changeover contacts, connected devices can be switched in different temperature ranges.
- Available with N.C/N.O., N.C/N.C., N.O/N.O.

	Part Number		
Scale: (Fahrenheit)	**SKTD541**	**SKTD542**	**SKTD543**
Scale: (Celsius)	**SKTD541C**	**SKTD542C**	**SKTD543C**
Type of contact:	N.C. / N.O. with spring contact	N.C. / N.C. with spring contact	N.O. / N.O. with spring contact
Suitable for the operation of	Fan and Heater	Heaters and Alarms	Fans and Alarms
Switching tolerance:	+ - 4K		
Switching Capacity:	N.C. 240 VAC /10A N.O. 120 VAC / 15 A DC max 30watts		
Adjustment Range:	32-140° F / 0-60° C		
Connection:	Screw terminal for AWG 14 / (2.5mm2)		
Mounting:	Clip mounting on 35 mm DIN rails		
Dimension	Height 3.17" (80.5mm) Width 2.32" (59mm) Depth 1.5" (38mm)		
Housing:	Flame retardant plastic UL94VO		
Color:	Light Gray RAL7035		
Protection:	IP20		
Approval:	UL Recognized Component, cUL Recognized Component, CE		

Mechanical Humidistat

Features

- Mechanical Humidistat regulates the control of heaters or fans whenever the preset level of relative humidity.

Part No.	Dimensions Height x Width x Depth	Switching Capacity	
SKH600NCC	3.5 x 1.5 x 1.8	NOC FAN	AC 120 V - 2A
		NOC FAN	AC 240 V - 2A
		NCC Heater	AC 120 V - 5A
		NCC Heater	AC 240 V - 5A
			DC 30 Watts

Control Range:	40 to 90% r.H.
Differential Gap:	Approximately 5%
Switch Point Accuracy:	+/- 4% based on 50% r.H.
Working Temperature Range:	30°F to 140°F (0°C to 60°C)
Storage Temperature:	-5°F to 180°F (-20°C to 80°C)
Type of Contact:	Change-over switch
Sensor:	Polyamide band
Type of Connection:	2-pole clamp, For AWG14 (2.5mm2)
Color:	RAL 7035 - Grey
Protection Category:	IP20
Mounting:	Easily installed by clip mounting on 35mm DIN rail (7 included)
Approval:	CE

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Humidity and Temperature Control

Features

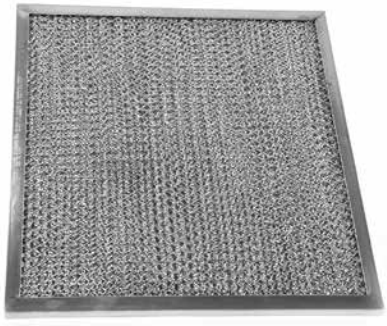
- Designed to provide both air temperature and humidity control as well as monitoring in electrical and electronic enclosures.
- Independently senses the relative humidity and temperature. Resistive and inductive loads (heaters or filter fans) can be switched.
- Highly effective in ATMs, parking control gates, ticket dispensers and traffic control systems where equipment is exposed to wide ranging outdoor elements.

Part No.	Dimensions Height x Width x Depth	Temperature Display	Operating Voltage
SKTH012009	3.0 x 2.4 x 1.77	+32 to + 140 F	100 - 240 VAC 50/50 Hz (min 90 V , max 265 V)
SKTH012009-C	3.0 x 2.4 x 1.77	0 to +60 C	100 - 240 VAC 50/50 Hz (min 90 V , max 265 V)

Switching Difference (temperature)	2K (+/- 1K at 25C (+77F) 50% RH)
Switching Difference (humidity)	4% RH (+/- 1K at 25C (+77F) 50% RH)
Setting range (humidity)	50 to 90% RH
Reaction time	aprox 5 sec
Contact type	Change over (relay)
Service life	NO/NC 30,000 cycles
Max Switching Relay output	10A Resistive / 1.6A inductive @ 240 VAC 0.6 @ 60 VDC
Max inrush current	AC 30 A for 10 sec
Case	Plastic UL 94V-O light Gray
Mounting	35 mm Din rail
Weight	3.5 oz . 100g
Protection	IP20
Approvals	UL file E164102 / UR componet / CE

Filter Kits

For DTS3XXX Series



- Field install kit for Condenser Fan intake
- Washable Aluminum mesh

Part Number	Description
18881500008	Filter kit for DTS 3021/3031 series
18881500005	Filter kit for DTS 3041/3061 series
18881500009	Filter kit for DTS 31xx series
18881500006	Filter kit for DTS 31x1SL/31x5 series
18881500001	Filter kit for DTS 32xx series
18881500007	Filter kit for DTS 32x5 series
18881500010	Filter kit for DTS 34xx series
18881500004	Filter kit for DTS 36xx series

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Condensate Bottle

Features

- External container for collecting the accumulating condensed water
- For use with DTS, DTT, PWS series

Part No.	18314000100

Water Condensate Evaporator

- High performance evaporation kit
- Easy to retrofit on any cooling unit

Part No.	KVDTX

Technical Data	
Max. Water Volume	13.5 oz (400 ml)
Evaporation Rate	3.4 oz/hr (100 ml/hr)
Electrical Data	
Voltage(s)	230v /115v
Frequency	50/60 Hz
Voltage Range	100-240v
Max. Power	125 W
Power Range	20-110 W
Nominal Current	0.5 A (230v) / 0.8 A (115v)
Starting Current	1.3 A
Zero Water Current	0.09 A (230v) / 0.18 A (115v)
Mechanical Data	
Height x Width x Depth	3.35” x 10.35” x 4.00”
(85 x 263 x 102 mm)	
Finish	Stainless Steel
Weight	2.6 lbs (1.175 Kg)

Filter Coat

- Provides a filter adhesive with a grease-like consistency which absorbs and traps dust particles.
- 10 oz. bottle with environmentally friendly trigger spray.

Part No.	1475Q

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General Accessories

Hardware

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Door Clamping Hardware

Heavy Duty

Features

- Replacement hardware for use on all 1418 and 1447 Series enclosures
- Formed heavy gauge stainless steel clamp with stainless steel hardware
- Sold in sets of two

Part No.	1481HC18

Door Clamping Hardware

Features

- Replacement hardware for use on 1414, HJ, 1485, 1486, and 1487 Hammond enclosures.
- Formed heavy gauge stainless steel.
- Set of two

Part No.	1481C14

Junction Box Padlock Kit

Features

- Field installed kit requires drilling of only 4 holes
- Compatible with 1414 and HJ Series junction boxes.
- Only available in 316 Stainless Steel.
- Sold Individually.
- Installation Instructions provided

Part No.	14PLKS16

Junction Box Quick Release Clamp

Junction Box

Features

- Installs easily on standard clamp bracket allowing for quick access.
- Compatible with 1414 and HJ Series junction boxes. Also 1485 Series wireway and 1486 trough.
- Available in plated or stainless steel.
- Sold Individually.

Part No.	Material
14QR	Plated Steel
14QRSS	304 SS
14QRS16	316 SS

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Chassis Handles

Features

- Material is round steel.
- Available in Chrome Plated or Black Powder Coated.
- Sold individually or in pairs (see table).
- Hardware included.

Chrome Part No. (Sold Individually)	Black Part No. (Sold Individually)	Black Part No. (Sold in Pairs)	Handle Mounting Hole Centers	Handle Depth	Handle Diameter	Screw Thread	Panel Height
1427B	1427B1BK		1.25	0.62	0.19	4-40	1.75
1427B2	1427B2BK-1	1427B2BK	1.25	1.00	0.19	6-32	1.75
1427D			1.75	0.75	0.19	4-40	5.25
1427E	1427E1BK-1	1427E1BK	2.00	1.00	0.19	6-32	5.25
1427Q			2.25	1.00	0.25	6-32	5.25
1427P	1427P1BK-1	1427P1BK	2.80	1.00	0.25	6-32	5.25
1427G2	1427G2BK		3.00	1.00	0.19	4-40	8.75
1427G3	1427G3BK		3.00	1.50	0.31	10-32	8.75
1427G			3.00	1.75	0.25	8-32	8.75
1427N	1427N1BK		3.50	1.20	0.38	10-32	8.75
1427N2	1427N2BK		3.50	1.50	0.25	8-32	8.75
1427N3			3.50	2.06	0.38	1/4-20 STUD	8.75
1427C1	1427C1BK		4.00	1.30	0.38	10-32	8.75
1427S3	1427S3BK		4.00	1.50	0.31	10-32	8.75
1427S			4.00	1.50	0.25	8-32	8.75
1427S2	1427S2BK		4.00	1.75	0.25	8-32	8.75
1427U3	1427U3BK		4.50	1.50	0.31	10-32	8.75
1427T3	1427T3BK		5.00	1.50	0.31	10-32	12.25
1427T			5.00	1.50	0.25	8-32	12.25
1427T2			5.00	1.75	0.25	8-32	12.25
1427M3			5.25	2.06	0.38	1/4-20 STUD	12.25
1427M	1427M1BK		5.30	1.20	0.38	10-32	12.25
1427W			6.00	1.50	0.25	8-32	12.25
1427W3	1427W3BK		6.00	1.75	0.31	10-32	12.25
1427W2			6.00	1.75	0.25	8-32	12.25
1427L	1427L1BK		7.00	1.30	0.38	10-32	14.00
1427H			8.00	1.63	0.38	10-32	14.00

Wallmount Quick Release Clamp

Wallmount Enclosure

Features

- Provides fast access to conventional screw clamp type enclosures.
- Installs on clamp bracket in place of screw on 1418, 1418N4, 1447N4, and 1422N4 Series enclosures.
- Entire assembly is 304 stainless steel.
- Set of two.

Part No.	1418QR

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Type 12/4, 4X Handle Kits

Features

- Durable zinc die cast or stainless steel
- Removable handle stop for clockwise / counter-clockwise operation
- Textured powder coat Black finish on zinc cast handle
- Maintains NEMA rating of enclosure
- Padlock “trigger” design for security requirements
- Optional key lock or defeater available (key lock versions include 2 keys)
- Handle can be used on other Hammond enclosures as field installation or installed at factory … contact Hammond

Part No.	Description	Material	NEMA Rating
MHK1	6” PADLOCKING 1PT. LATCH	Zinc	12, 4
MHK2	6” PADLOCKING 3PT < 60”	Zinc	12, 4
MHK3	6” PADLOCKING 3PT > 60”	Zinc	12, 4
MHKD1	6” PADLOCKING DEFEATER 1PT LATCH	Zinc	12, 4
MHKD2	6” PADLOCKING DEFEATER 3PT < 60”	Zinc	12, 4
MHKD3	6” PADLOCKING DEFEATER 3PT > 60”	Zinc	12, 4
MHKL1	6” KEYED PADLOCKING 1PT LATCH	Zinc	12, 4
MHKL2	6” KEYED PADLOCKING 3PT < 60”	Zinc	12, 4
MHKL3	6” KEYED PADLOCKING 3PT > 60”	Zinc	12, 4
MHK1SS	6” SS PADLOCKING 1PT LATCH	316 SS	4X
MHK2SS	6” SS PADLOCKING 3PT LATCH < 60”	316 SS	4X
MHK3SS	6” SS PADLOCKING 3PT LATCH > 60”	316 SS	4X
MHKD1SS	6” SS PADLOCKING DEFEATER 1PT LATCH	316 SS	4X
MHKD2SS	6” SS PADLOCKING DEFEATER 3PT < 60”	316 SS	4X
MHKD3SS	6” SS PADLOCKING DEFEATER 3PT > 60”	316 SS	4X
MHKL1SS	6” SS KEYED PADLOCKING 1PT LATCH	316 SS	4X
MHKL2SS	6” SS KEYED PADLOCKING 3PT < 60”	316 SS	4X
MHKL3SS	6” SS KEYED PADLOCKING 3PT > 60”	316 SS	4X

Type 1 Lock Kit

Features

- Installs in place of the existing slotted latch, or in cutout hole provided.
- Reversible cam position for other applications.
- Maintains NEMA1 rating.

Part No.	Fits Enclosure Series
1427LKN1	1420, N1A
N1JLK	N1J, N1W, CHKO, N1WF, SWB

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Type 12 Handle Kits

Features

- Designed for field installation on most 1418 Series single door enclosures (does not fit 1418 J Series).
- Available with key locking and non-locking handles.
- Single point kits include a handle and latch cam.
- Three point kits include a handle, latch cam, latch rods and adjustable rod guides.
- Latch rod ends have rollers for easier door closing.
- All parts are plated or painted for corrosion resistance.
- Note: AHK handle design shown - see individual CAD images for exact representation of each version.

Tee Locking Handle	Description
THK1	1 point latch
THK2	3 point latch 48” and under
THK3	3 point latch 60” and over

Locking Handle	Handle Rotation
AHKL1	counter clockwise
AHKL2	counter clockwise
AHKL3	counter clockwise

Non-Locking Handle	Handle Rotation
AHK1	clockwise
AHK2	clockwise
AHK3	clockwise

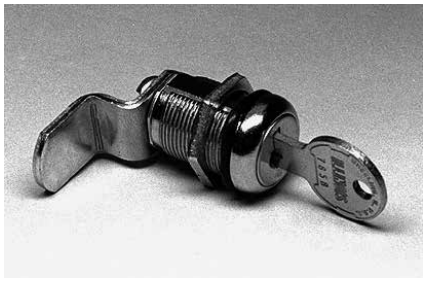
Type 4 Hardware Kits

Features

- When used as instructed, kits maintain the UL/CSA Type rating of Hammond enclosures which unapproved hardware will not.
- Screws require hex driver making them virtually tamper proof.
- Kit includes 50 stainless steel screws, sealing washers and nuts with one hex driver per kit.
- Offered in 8-32, 10-32 and ¼-20 at various lengths.

Part No.	Description
1421N4AA50	8-32 x ½” Kit
1421N4AB50	8-32 x 1” Kit
1421N4BA50	10-32 x ½” Kit
1421N4BB50	10-32 x 1” Kit
1421N4CA50	¼-20 x 5/8” Kit
1421N4CB50	¼-20 x 1” Kit

Type 4, 12 Lock Kit



Features

- Designed for installation on most 1418 Series single door enclosures (does not fit 1418 J Series).
- Requires a drilled or punched hole to receive cylinder lock.
- Internal “0” ring provides dust and water tight construction.
- Maintains NEMA rating.

Part No.	1427LKN4

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Ground Lugs

Features

- Dual L16 type aluminum lug.
- 1 1/8" wide x 1 3/16" long.
- 0.263" diameter hole for mounting the lug.
- Provides excellent grounding.
- Accepts wire sizes from 1/0 to 14.
- Packaged individually.
- Mounting hardware not included (requires drilling of bus bar).

Part No.	DNGL

Ground Wire Kits

Features

- 12" or 16" long - 10 Gauge Copper Wire.
- Terminated with crimped on terminals.
- Terminal hole is 0.256" diameter.
- Includes mounting hardware for both 1/4-20 or 10-32 ground studs
- Includes stick-on grounding symbols (two for each jumper)

Part No.	Description	Length
GRDKIT01	Includes (2) ground cables.	12"
GRDKIT02	Includes (6) ground cables.	16"
GRDKIT03	Includes (1) ground cable with #10 hardware only.	12"
GRDKIT04	Includes (4) ground cables with quick disconnecting terminals.	12"

Padlock Adaptor

Eclipse & Series 2000

Features

- For use with EN4SD /S2000 Series Enclosures.
- Padlock adaptor fits directly over the slotted quarter turn preventing access.
- 14 gauge 304 stainless steel.
- Stainless steel mounting hardware provided
- Once installed, the bolts cannot be removed without the door open.
- Easy installed in the field.
- Padlock not included.
- Maintains UL/CSA Type 4, 4X rating.

Part No.	EPA

Padlock Adaptor

EJ Series

Features

- For use with Eclipse Junior (EJ) Series enclosures.
- Padlock adapter fits directly over the slotted quarter turn preventing access.
- 2mm thick 14 gauge stainless steel.
- Stainless steel mounting hardware provided.
- Once installed, the bolts cannot be removed without the door open.
- Easy installed in the field.
- Padlock not included.
- Maintains UL/CSA Type 4, 4X rating.

Part No.	EJPA

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Quarter Turn Inserts and Keys

Features

- For Eclipse and Series 2000 Enclosures
- Field installable inserts replace standard quarter turn slot.
- Available in 7mm square and triangle formats, as well as slotted.
- Maintains NEMA, UL and CSA 12, 4 and 4X ratings.
- Square and triangle inserts provide extra security since standard screw drivers cannot open.
- Keys sold separately from inserts.

Part No.	Description
2SQI7	7mm square insert, black
2SQK7	7mm square key, fits 2SQI7
2TRI7	7mm triangle insert, black
2TRK7	7mm triangle key, fits 2TRI7
2SLI	Slotted insert, black

Quarter Turn Assemblies

Features

- Field installable.
- Interchangeable with standard quarter turn latches on Eclipse/Eclipse Jr series.
- Maintains NEMA, UL and CSA ratings as noted.

Part No.	Description	Material	NEMA Rating	For Use With
EQTRL [1]	Locking Qtr Turn	Zinc Die/Chrome	n/a	ESP Swing Panel (internal use only)
2QTR	Slotted Qtr Turn	Zinc Die/Black	12, 4	EN4SD Series
2SSQTR	Slotted Qtr Turn	Stainless steel	12, 4, 4X	EN4SD Series
2WKL	Wing knob lock	Zinc Die/Black	12, 4	EN4SD Series
2QPL	Padlockable quarter turn latch	Zinc Die/Black	12, 4	EN4SD Series
EJQTR	Slotted Qtr Turn	Zinc Die/Black	12, 4	EJ Series
EJSSQTR	Slotted Qtr Turn	Stainless Steel	12, 4, 4X	EJ Series
EJWKL	Key Locking Wing Knob Latch	Zinc Die/Black	12, 4	EJ Series
EJWKNL	Non-Locking Wing Knob Latch	Zinc Die/Black	12, 4	EJ Series

[1] For use with Swing Frame/Panel

Ground Stud Kit

Features

- Ground Lug provides continuous ground through enclosure body
- O-ring seals securely within a precision groove outside dimension 0.875”
- Brass 3/8-16 thread both ends
- 1” threaded portion
- Mounting hardware included (requires drilling of .425” hole)

Part No.	GRDT375

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Eclipse Replacement Hinge Pins

- These are supplied with enclosure but offered here as replacements should originals be misplaced.
- Stainless steel
- Packaged in quantities of 5.

Part No.	EPINSS

Hole Plugs

Features

- Designed to seal unused pushbutton holes, conduit openings and knockout holes against dust, oil and water.
- Standard Pushbutton size is 30.5mm
- Steel Hole Plug
  - Available in 12 sizes.
  - Finished in gray.
  - Oil resistant gasket.
  - Secured with an 10-24 x 0.55” threaded stud and plated wing nut.
- Stainless Steel Hole Plugs
  - Available in 8 sizes.
  - Finished in brushed natural 304 stainless steel finish.
  - Oil resistant gasket.
  - Secured with an 10-24 x 0.55” threaded stud and plated wing nut.

Stainless Steel

Part No.	Description	Max Hole Diameter	Plug Diameter
HP22SS	22mm Pushbutton	0.88	1.22
HP50SS	.5” Conduit	0.88	1.38
HP75SS	.75” Conduit	1.06	1.56
HPBSS	Std. Pushbutton	1.25	1.75
HP100SS	1” Conduit	1.38	1.88
HP125SS	1.25” Conduit	1.69	2.19
HP150SS	1.5” Conduit	2.00	2.50
HP200SS	2” Conduit	2.50	3.00

Steel

Part No.	Description	Max Hole Diameter	Plug Diameter
HP22	22mm Pushbutton	0.88	1.22
HP50	.5” Conduit	0.88	1.38
HP75	.75” Conduit	1.06	1.56
HPB	Std. Pushbutton	1.25	1.75
HP100	1” Conduit	1.38	1.88
HP125	1.25” Conduit	1.69	2.19
HP150	1.5” Conduit	2.00	2.50
HP200	2” Conduit	2.50	3.00
HP250	2.5” Conduit	3.00	3.50
HP300	3” Conduit	3.62	4.12
HP350	3.5” Conduit	4.12	4.62
HP400	4” Conduit	4.62	5.12

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Hole Plugs

Type 4X Stainless Steel - UR/cUR

Features

- Designed to seal unused pushbutton holes, conduit openings and knockout holes against dust, oil and water.
- Standard Pushbutton size is 30.5mm
- Available in 8 sizes.
- Finished in brushed natural 304 stainless steel.
- Oil resistant gasket.
- Secured with an 10-24 x 0.55" threaded stud and stainless steel wing nut.
- Recognized component UR & cUR
  - Type 1, 3, 3R, 4, 4X, 12 and 13

Part No.	Description	Max Hole Diameter	Plug Diameter
HP22SSN4	22mm Pushbutton	0.88	1.22
HP50SSN4	.5" Conduit	0.88	1.38
HP75SSN4	.75" Conduit	1.06	1.56
HPBSSN4	30mm Pushbutton	1.25	1.75
HP100SSN4	1" Conduit	1.38	1.88
HP125SSN4	1.25" Conduit	1.69	2.19
HP150SSN4	1.5" Conduit	2.00	2.50
HP200SSN4	2" Conduit	2.50	3.00

Hole Plugs

Type 4X Non-metallic - UR/cUR

Features

- Designed to seal unused pushbutton holes, conduit openings and knockout holes against dust, oil and water.
- Standard Pushbutton size is 30.5mm
- Available in 11 sizes.
- Available in 2 color options - ANSI 61 Gray (GY) & RAL7035 Light Gray (LG)
- Compatible with enclosure wall thickness from 16 gauge to 1/4"
- Self centering, anti-rotational design for fast and easy one person installation, no tools required
- Recognized component for use with UL & CSA listed enclosures
  - Type 1, 3, 3R, 4, 4X
- Molded in polycarbonate with neoprene/EPDM gasket material

RAL7035 Part No.	ANSI 61 Part No.	Description	Plugged Hole Diameter Range	Wall Thickness Range	External Dia.
HP12PCLG	**HP12PCGY**	Pilot Light (.50)	0.50 - 0.81	0.06 - 0.25	1.12
HP50PCLG	**HP50PCGY**	.5" Conduit (.875) 22mm PB (.886)	0.81 - 0.94	0.06 - 0.25	1.25
HP75PCLG	**HP75PCGY**	.75" Conduit (1.109) 30mm PB (1.21)	1.00 - 1.31	0.06 - 0.25	1.62
HP100PCLG	**HP100PCGY**	1" Conduit (1.375)	1.38 - 1.62	0.06 - 0.25	1.92
HP125PCLG	**HP125PCGY**	1.25" Conduit (1.734)	1.69 - 1.88	0.06 - 0.25	2.18
HP150PCLG	**HP150PCGY**	1.5" Conduit (1.984)	2.00 - 2.19	0.06 - 0.25	2.50
HP200PCLG	**HP200PCGY**	2" Conduit (2.469)	2.50 - 2.75	0.06 - 0.25	3.12
HP250PCLG	**HP250PCGY**	2.5" Conduit (2.969)	2.88 - 3.12	0.06 - 0.25	3.50
HP300PCLG	**HP300PCGY**	3" Conduit (3.594)	3.50 - 3.75	0.06 - 0.25	4.12
HP350PCLG	**HP350PCGY**	3.5" Conduit (4.125)	4.00 - 4.25	0.06 - 0.25	4.62
HP400PCLG	**HP400PCGY**	4" Conduit (4.641)	4.50 - 4.75	0.06 - 0.25	5.12

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Eclipse DIN Rail Mounting Kit

- Field installable.
- Mounts directly to panel collar studs (panel not required).
- Accepts optional DIN rails.
- DIN rails available separately.
- Zinc plated, yellow dichromate.

Part No.	Length
2DMK12	10.00
2DMK16	14.00
2DMK20	18.00
2DMK24	22.00
2DMK30	28.00

Eclipse DIN Rails

- Field installable.
- Includes a set of 3 plated rails.
- Available in 3 industry standard profiles - DIN 1, DIN 3, and CENELEC.
- DIN rail mounting kit required for installation.
- Rails have a 0.28 x 1.25 oblong slot on each end.
- Zinc plated.

AsymmetricDIN 1 Profile	Symmetric DIN 3 Profile	Cenelec Profile	
Part No.	Part No.	Part No.	Length
2D1K12	2D2K12	2DCK12	9.25
2D1K16	2D2K16	2DCK16	13.25
2D1K20	2D2K20	2DCK20	17.25
2D1K24	2D2K24	2DCK24	21.25
2D1K30	2D2K30	2DCK30	27.25

Eclipse Handles

- Field installable.
- Interchangeable with standard quarter turn latches.
- Maintain NEMA, UL and CSA ratings as noted.

Part No.	Description	Material	NEMA Rating
EHTL	Locking T Handle	Zinc Die/Black	12, 4
EHLL	Locking L Handle	Zinc Die/Black	12, 4
EHLNL	Non Locking L Handle	Zinc Die/Black	12, 4
EHLPL	Padlockable L Handle	Zinc Plated	12
EHLPLSS	Padlockable L Handle	Stainless Steel	12, 4, 4X
EHLNLSS	Non Locking L Handle	Stainless Steel	12, 4, 4X
EHLLSS	Locking L Handle	Stainless Steel	12, 4, 4X

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Eclipse Mounting Foot Kit

- Maintains UL, CSA and NEMA ratings.
- Field installable.
- New triangular flanges prevent the foot from rotating
- Foot can still be mounted sideways as well as top/bottom
- Available in mild, 304SS and 316SS
- Packaged in quantities of four
- Replaces Part Numbers: EZPMF, ESSMF and ES16MF

Part No.	Material
EZPMFHD	Clear Zinc Plated, mild steel
ESSMFHD	Type 304 Stainless
ES16MFHD	Type 316 Stainless

Eclipse Rear Mounting Hole Plugs

- Used to plug rear mounting holes for Eclipse series
- Snap in plug designed for rear .50” mounting hole
- Packaged in quantities of 40

Part No.	EN4PLUG40

PJU/PCJ Moulded Replacement Polycarbonate Flange

- Sold in pairs.

Part No.	PJU/PCJ Flange Fits
PJFPUWM6	6x6, 8x6
PJFPUWM108	10x8
PJFPUWM1210	12x10
PJFPUWM1412	14x12
PJFPUWM1614	16x14
PJFPUWM1816	18x16
PJFPUWM2016	20x16

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PJU/PCJ Moulded Replacement Polycarbonate Feet

- Sold in sets of 4.

Part No.	PJU/PCJ Feet Fits
PJW4NUFS	6x6 through 14x12
PJW4NULFS	16x14 through 20x16

PJ Stainless Replacement Mounting Feet

- 316 Stainless sold in sets of 4.

Part No.	304 SS PJ Feet Fits
PJW4NFS	6x6 through 20x16
PJW4NLS	24x20 through 30x24

M6 Screw with Hex/Phillips Head

Features

- M6 x 0.4724 inch (13mm) length steel screws.
- 25/64 (10mm) Hex Phillips head screws.
- Zinc plated finish.
- Designed for use with the HMEGS but can be used for rack mount applications.
  - Please note that when used for rack mount applications, screw head exceeds rack unit space.
- Packaged in a reusable jar.

Part No.	Qty Included	Screw Head Diameter	Screw Head Height	Screw Length
1421HPM625	25 Screws	0.51	0.23	0.47

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Washdown Quarter Turn Assemblies

Waterfall Series Accessory

Latch Features

- Replaces standard quarter turn provided with enclosure
- Unique no-crevice design ideal for food and beverage applications
- 316L stainless steel construction
- Red, silicon O-Ring
- Sold individually

Latch Key Features

- Hollow, female key designed for use with EQTFG
- Sold individually

Part No.	Description
EQTFG	Quarter Turn Latch (ea.)
EFGK	Key (ea.)

*Maintains NSF Rating when installed on NSF Rated Enclosures

Wallmount Stand-offs

Waterfall Series Accessory

Features

- Provides space between enclosure and mounting surface
- Installs into pre-drilled mounting holes in rear of enclosure
- Offered in several lengths
- 316L stainless steel construction
- Set of 4

Part No.	Description
ST1MFSS316	1” Stand-off
ST2MFSS316	2” Stand-off
ST4MFSS316	4” Stand-off
ST6MFSS316	6” Stand-off

PJ/PJU/PCJ Replacement Hardware Kits

Part No.	Quantity	Description
PJLKIT316	1	Snap latch for PJ series with rivets and screws
PJTKIT316	1	Twist latch for PJ series with rivets and screws
PJUTKIT316	1	Twist latch for PJU series with rivets and screws
PJSKIT316	20	Cover screws for PJ, PJU, PCJ
PCJLLPSH	1	Snap latch 316 for PJU & PCJ series with moulded keeper
PCJLTPSH	1	Twist latch 316 for PJU & PCJ series with moulded keeper
PCJLLPNH	1	Snap latch non-metallic for PJU & PCJ series with moulded keeper
PCJHINGECLIP	2	Hinge clips for PCJ

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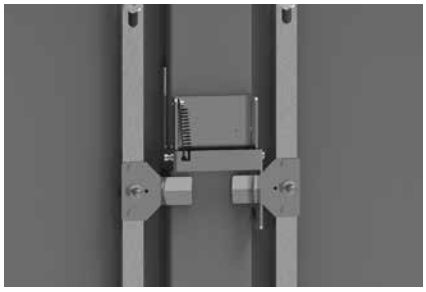
Mechanical Interlock



Application

- Designed to mechanically interlock doors on 2 door cabinets featuring handles and a center-post design. Cam on slave door held in place until Master door opened. Either door can be made master door with this kit.
- Ideal for use with Hammond series that do not include a mechanical interlock as standard.
- Can be installed on 1422N4 (mild or stainless steel), HN4FM (mild or stainless steel), HN4WM (mild or stainless steel).

Standards

- Does not compromise approval rating of enclosure.

Construction

- Kit includes: Base plate, spring, right and left slave bracket (user chooses appropriate), mounting hardware
- Formed from 10 gauge 304 stainless steel
- Finish is unpainted

Part No.	MIKIT

Inner Panels

1414, EJ, HJ and PJ Series Enclosures

Features

- Steel panels are 14 gauge steel and are finished in white.
- Fiberglass panels in NEMA sizes.
- Aluminum panels are 0.080 type 5052 H-32 aluminum, unpainted.
- Galvanized panels are 14 gauge unpainted galvanized steel.
- Stainless steel panels are 14 gauge and are brushed 304 SS.
- Mounting hardware is included with the enclosure.
- Steel panels and mounting hardware are included with 1414 Series enclosures.
- Galvanized panels and mounting hardware are included with the EJ Series enclosures.
- Mounting hardware is included with PJ Series enclosures, order panel separately.

							For Use with 1414 and EJ		For Use with PJ Series	
Steel Part No.	Fiberglass Part No.	Aluminum Part No.	Galv. Steel Part No.	Stainless Steel Part No.	Panel L	Panel W	H	W	H	W
14R0503		14A0503	14G0503	14R0503SS	4.88	2.88	6.00	4.00	-	-
14R0505	14F0505	14A0505	14G0505	14R0505SS	4.88	4.88	6.00	6.00	7.04	7.04
14R0705	14F0705	14A0705	14G0705	14R0705SS	6.75	4.88	8.00	6.00	8.94	7.06
14R0707		14A0707	14G0707	14R0707SS	6.75	6.88	8.00	8.00	-	-
14R0907	14F0907	14A0907	14G0907	14R0907SS	8.75	6.88	10.00	8.00	11.08	9.20
14R0909		14A0909	14G0909	14R0909SS	8.75	8.88	10.00	10.00	-	-
14R1105		14A1105	14G1105		10.75	4.88	12.00	6.00	-	-
14R1109	14F1109	14A1109	14G1109	14R1109SS	10.75	8.88	12.00	10.00	13.08	11.20
14R1111	14F1111	14A1111	14G1111	14R1111SS	10.75	10.88	12.00	12.00	-	-
14R1307		14A1307	14G1307		12.75	6.88	14.00	8.00	-	-
14R1311	14F1311	14A1311	14G1311	14R1311SS	12.75	10.88	14.00	12.00	15.08	13.20
14R1509		14A1509	14G1509		14.75	8.88	16.00	10.00	-	-
14R1513	14F1513	14A1513	14G1513	14R1513SS	14.75	12.88	16.00	14.00	17.22	15.34
P1868	F1868	A1868			16.88	14.88	-	-	19.34	17.34
P2068	F2068	A2068			18.44	14.44	-	-	20.94	16.94

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Inner Panels

1418, 1447, PJW, and PHW Wallmount Enclosures

Features

- Steel panels are 12 gauge steel and are finished in white.
- Galvanized panels are 12 gauge unpainted galvanized steel.
- Stainless steel panels are 12 gauge and are brushed 316 SS.
- Aluminum panels are 5052-H32 aluminum alloy.
- Larger panels have two or four formed flanges.
- Some larger panels are 10 gauge.
- Panel mounting hardware not included (provided with enclosure).

Steel	Galv. Steel	Stainless Steel	Aluminum	Panel		For Use With Enclosure	
Part No.	Part No.	Part No.	Part No.	L	W	H	W
18P0909	18G0909			9.00	9.00	12.00	12.00
18P1309	18G1309	18P1309S16	18A1309	13.00	9.00	16.00	12.00
18P1313	18G1313	18P1313S16	18A1313	13.00	13.00	16.00	16.00
18P1515	18G1515			15.00	15.00	18.00	18.00
18P1709	18G1709			17.00	9.00	20.00	12.00
18P1713	18G1713	18P1713S16	18A1713	17.00	13.00	20.00	16.00
18P1717	18G1717	18P1717S16	18A1717	17.00	17.00	20.00	20.00
18P2109	18G2109			21.00	9.00	24.00	12.00
18P2113	18G2113	18P2113S16		21.00	13.00	24.00	16.00
18P2117	18G2117	18P2117S16	18A2117	21.00	17.00	24.00	20.00
18P2121	18G2121	18P2121S16	18A2121	21.00	21.00	24.00	24.00
18P2709	18G2709			27.00	9.00	30.00	12.00
18P2713	18G2713			27.00	13.00	30.00	16.00
18P2717	18G2717	18P2717S16		27.00	17.00	30.00	20.00
18P2721	18G2721	18P2721S16	18A2721	27.00	21.00	30.00	24.00
18P2727	18G2727	18P2727S16		27.00	27.00	30.00	30.00
18P3321	18G3321	18P3321S16	18A3321	33.00	21.00	36.00	24.00
18P3327	18G3327	18P3327S16	18A3327	33.00	27.00	36.00	30.00
18P3333	18G3333	18P3333S16		33.00	33.00	36.00	36.00
18P3921	18G3921			39.00	21.00	42.00	24.00
18P3927	18G3927	18P3927S16		39.00	27.00	42.00	30.00
18P3933	18G3933	18P3933S16		39.00	33.00	42.00	36.00
18P4521	18G4521			45.00	21.00	48.00	24.00
18P4527	18G4527			45.00	27.00	48.00	30.00
18P4533	18G4533	18P4533S16	18A4533	45.00	33.00	48.00	36.00
18P5721	18G5721			57.00	21.00	60.00	24.00
18P5733	18G5733	18P5733S16	18A5733	57.00	33.00	60.00	36.00
18P6927	18G6927			69.00	27.00	72.00	30.00
18P6933	18G6933			69.00	33.00	72.00	36.00

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Inner Panels

Eclipse Series Enclosures

Features

- Larger than standard NEMA panel used in same sized enclosure.
- 12gauge steel construction.
- Larger sizes have 2 or 4 formed flanges for added strength.
- Slotted corner design for easier mounting.
- Finished in white or unpainted galvanized.

Mild Steel Part No.	Galvanized Part No.	Size D	Size E	Gauge
EP1210	EPG1210	10.20	8.20	12
EP1212	EPG1212	10.20	10.20	12
EP1224	EPG1224	10.20	22.20	12
EP1612	EPG1612	14.20	10.20	12
EP1616	EPG1616	14.20	14.20	12
EP1620	EPG1620	14.20	18.20	12
EP2012	EPG2012	18.20	10.20	12
EP2016	EPG2016	18.20	14.20	12
EP2020	EPG2020	18.20	18.20	12
EP2024	EPG2024	18.20	22.20	12
EP2412	EPG2412	22.20	10.20	12
EP2416	EPG2416	22.20	14.20	12
EP2420	EPG2420	22.20	18.20	12
EP2424	EPG2424	22.20	22.20	12
EP2430	EPG2430	22.20	28.20	12
EP2442	EPG2442	22.20	40.20	12
EP2448	EPG2448	22.20	46.20	12
EP3012	EPG3012	28.20	10.20	12
EP3016	EPG3016	28.20	14.20	12
EP3020	EPG3020	28.20	18.20	12
EP3024	EPG3024	28.20	22.20	12

Mild Steel Part No.	Galvanized Part No.	Size D	Size E	Gauge
EP3030	EPG3030	28.20	28.20	12
EP3036	EPG3036	28.20	34.20	12
EP3042	EPG3042	28.20	40.20	12
EP3048	EPG3048	28.20	46.20	12
EP3060	EPG3060	28.20	58.20	12
EP3624	EPG3624	34.20	22.20	12
EP3630	EPG3630	34.20	28.20	12
EP3636	EPG3636	34.20	34.20	12
EP3642	EPG3642	34.20	40.20	12
EP3648	EPG3648	34.20	46.20	12
EP3660	EPG3660	34.20	58.20	12
EP4224	EPG4224	40.20	22.20	12
EP4230	EPG4230	40.20	28.20	12
EP4236	EPG4236	40.20	34.20	12
EP4824	EPG4824	46.20	22.20	12
EP4830	EPG4830	46.20	28.20	12
EP4836	EPG4836	46.20	34.20	12
EP4848	EPG4848	46.20	46.20	12
EP6036	EPG6036	58.20	34.20	12
EP7230	EPG7230	70.20	28.20	12
EP7236	EPG7236	70.20	34.20	12

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Inner Panels

1420 Series Enclosures

Features

- Panels and mounting hardware are included with 1420 Series enclosures.
- 12 gauge steel finished in white.

	Panel		For Use With Enclosure	
Part No.	L	W	H	W
20P1410	14.00	10.00	16.00	12.00
20P1814	18.00	14.00	20.00	16.00
20P1818	18.00	18.00	20.00	20.00
20P2218	22.00	18.00	24.00	20.00
20P2222	22.00	22.00	24.00	24.00
20P2818	28.00	18.00	30.00	20.00
20P2822	28.00	22.00	30.00	24.00
20P3422	34.00	22.00	36.00	24.00
20P3428	34.00	28.00	36.00	30.00
20P4022	40.00	22.00	42.00	24.00
20P4028	40.00	28.00	42.00	30.00
20P4034	40.00	34.00	42.00	36.00
20P4634	46.00	34.00	48.00	36.00

Inner Panels

HN4FM/1422 Series Floormount Enclosures

Features

- 22P5038 is formed from 12 gauge steel, all others are 10 gauge steel.
- Panels and mounting hardware are included with 1422 and HN4FM Series enclosures.
- Finished in white.

	Panel		For Use With Enclosure	
Part No.	L	W	H	W
22P5038	50.00	38.00	54.00	42.00
22P5644	56.00	44.00	60.00	48.00
22P5656	56.00	56.00	60.00	60.00
22P6856	68.00	56.00	72.00	60.00
22P6868	68.00	68.00	72.00	72.00

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Inner Panels

PCJ Series Enclosures

Features

- 14 gauge steel panels are finished in white
- Aluminum panels are 0.080 type 5052 H-32 aluminium, unpainted
- Steel and Aluminium panels are sold seperate for the PCJ Series enclosures
- PVC (Polyvinyl Chloride) back panels are 0.188 material dark gray finish. Temperature up to 140° (60°C)
- Mounting hardware is included with PCJ Series enclosures, order panel separately

Mild Steel	Aluminum	PVC	Panel		For Use With PCJ Series	
Part No.	Part No.	Part No.	Length	Width	A	B
PCJR0505	PCJA0505	14PVC0505	4.81	4.81	5.93	6.16
PCJR0705	PCJA0705	14PVC0705	6.75	4.88	7.94	6.16
PCJR0808	PCJA0808	14PVC0707	6.75	6.88	7.94	8.15
PCJR0907	PCJA0907	14PVC0907	8.75	6.88	9.93	8.15
PCJR1109	PCJA1109	14PVC1109	10.75	8.88	11.92	10.15
PCJR1311	PCJA1311	14PVC1311	12.75	10.88	13.94	12.16
14R1513	14A1513	14PVC1513	14.75	12.88	15.98	13.98
P1868	A1868	14PVC1715	16.88	14.88	18.04	16.04

Inner Panels

N1J Series Enclosures

Features

- Replacement panels for N1J Series enclosures.
- Optional panels for C3R HCR SM Series enclosures.
- Made from 16 ga steel
- White powder finish

	Panel		For Use with Enclosure		
Part No.	L	W	H	W	# Folds
N1JP64	4.25	2.25	6.00	4.00	0
N1JP66	4.25	4.25	6.00	6.00	0
N1JP86	6.25	4.25	8.00	6.00	0
N1JP88	6.25	6.25	8.00	8.00	0
N1JP108	8.25	6.25	10.00	8.00	0
N1JP1010	8.25	8.25	10.00	10.00	0
N1JP1210	10.25	8.25	12.00	10.00	0
N1JP1212	10.25	10.25	12.00	12.00	0
N1JP1412	12.25	10.25	14.00	12.00	0
N1JP1612	14.25	10.25	16.00	12.00	0
N1JP2012	18.25	10.25	20.00	12.00	0

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Inner Panels

N1A Series Enclosures

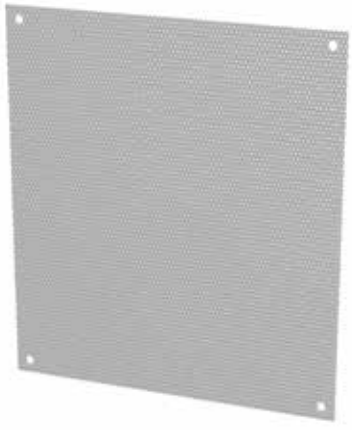
Features

- 14 gauge steel Finished in white.
- Panels and mounting hardware are included with NIA Series enclosures.

	Panel		For Use with Enclosure	
Part No.	L	W	H	W
AP1612	13.00	10.50	16.00	12.00
AP1616	13.00	14.50	16.00	16.00
AP1620	13.00	18.50	16.00	20.00
AP2016	17.00	14.50	20.00	16.00
AP2020	17.00	18.50	20.00	20.00
AP2024	17.00	22.50	20.00	24.00
AP2416	21.00	14.50	24.00	16.00
AP2420	21.00	18.50	24.00	20.00
AP2424	21.00	22.50	24.00	24.00
AP3020	26.00	18.50	30.00	20.00
AP3024	26.00	22.50	30.00	24.00
AP3030	26.00	28.50	30.00	30.00
AP3624	32.00	22.50	36.00	24.00
AP3630	32.00	28.50	36.00	30.00
AP4224	38.00	22.50	42.00	24.00
AP4230	38.00	28.50	45.00	30.00
AP4236	38.00	34.50	42.00	36.00
AP4836	44.00	34.50	48.00	36.00

Perforated Inner Panels

1418, 1447, PJW, and PHW Wallmount Enclosures



Features

- For use with 1418, 1447, PJW and PHW enclosures
- Made from 16 ga steel
- Accepts self tapping screws eliminating timely measurement, marking and drilling of component mounting holes
- 1/8” dia holes on 1/4” staggered centers
- ANSI 61 gray powder finish

	Panel		For Use with Enclosure		
Part No.	L	W	H	W	# Folds
18P1309PP	13.00	9.00	16.00	12.00	0
18P1313PP	13.00	13.00	16.00	16.00	0
18P1515PP	15.00	15.00	18.00	18.00	0
18P1713PP	17.00	13.00	20.00	16.00	0
18P1717PP	17.00	17.00	20.00	20.00	0
18P2117PP	21.00	17.00	24.00	20.00	0
18P2121PP	21.00	21.00	24.00	24.00	4
18P2721PP	27.00	21.00	30.00	24.00	4
18P2727PP	27.00	27.00	30.00	30.00	4
18P3321PP	33.00	21.00	36.00	24.00	4
18P3327PP	33.00	27.00	36.00	30.00	4
18P3333PP	33.00	33.00	36.00	36.00	4

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Inner Panels

1418FS and HN4FS Series Enclosures

- Formed from 10 gauge or 12 gauge steel.
- All double door width panels are 10 gauge steel.
- Width panels are available in full or half height.
- Depth panels are available in full height only.
- Depth and width panels are provided with all mounting hardware and center support where required.
- Half panel can be mounted in the top or bottom half of the enclosure.
- Finished in white.

Depth Panels

Part No.	Encl. Height	Encl. Min Depth	Panel W	Panel H
60FD14	60.00	18.00	14.00	48.00
72FD9	72.00	18.00	9.00	60.00
72FD14	72.00	18.00	14.00	60.00
72FD20	72.00	24.00	20.00	60.00
72FD26	72.00	36.00	26.00	60.00
90FD9	90.00	18.00	9.00	78.00
90FD14	90.00	18.00	14.00	78.00
90FD20	90.00	24.00	20.00	78.00
90FD26	90.00	36.00	26.00	78.00

Single Door Width Panels

Steel Part No.	Galv. Steel Part No.	Description	Enclosure	Panel Size
60TWFW	**60TWFWG**	Full Panel	60 x 24	48.00 x 20
60TWHW	**60TWHWG**	Half Panel		24.87 x 20
72WFW	**72WFWG**	Full Panel	72 x 24	60.00 x 20
72WHW	**72WHWG**	Half Panel		30.87 x 20
90YWFW	**90YWFWG**	Full Panel	90 x 24	78.00 x 20
90YWHW	**90YWHWG**	Half Panel		39.87 x 20
72XFW	**72XFWG**	Full Panel	72 x 30	60.00 x 26
72XHW	**72XHWG**	Half Panel		30.87 x 26
60TYFW	**60TYFWG**	Full Panel	60 x 36	48.00 x 32
60TYHW	**60TYHWG**	Half Panel		24.87 x 32
72YFW	**72YFWG**	Full Panel	72 x 36	60.00 x 32
72YHW	**72YHWG**	Half Panel		30.87 x 32
90YFW	**90YFWG**	Full Panel	90 x 36	78.00 x 32
90YHW	**90YHWG**	Half Panel		39.87 x 32

Double Door Width Panels

Steel Part No.	Galv. Steel Part No.	Description	Enclosure	Panel Size
60AWFW	**60AWFWG**	Full Panel	60 x 48	48.00 x 44
60AWHW	**60AWHWG**	Half Panel		24.88 x 44
72ZWFW	**72ZWFWG**	Full Panel	72 x 48	60.00 x 44
72ZWHW	**72ZWHWG**	Half Panel		30.88 x 44
72ZXFW	**72ZXFWG**	Full Panel	72 x 60	60.00 x 56
72ZXHW	**72ZXHWG**	Half Panel		30.88 x 56
72ZYFW	**72ZYFWG**	Full Panel	72 x 72	60.00 x 68
72ZYHW	**72ZYHWG**	Half Panel		30.88 x 68
90BWFW	**90BWFWG**	Full Panel	90 x 48	78.00 x 44
90BWHW	**90BWHWG**	Half Panel		39.88 x 44
90BYFW	**90BYFWG**	Full Panel	90 x 72	78.00 x 68
90BYHW	**90BYHWG**	Half Panel		39.88 x 68

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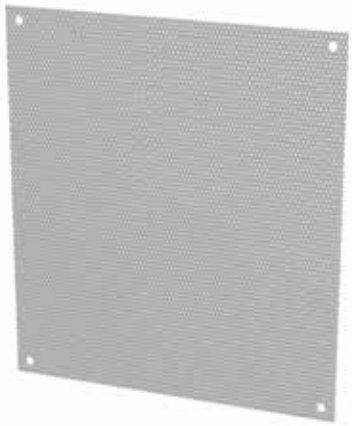
Perforated Inner Panels

N1A Series Enclosures



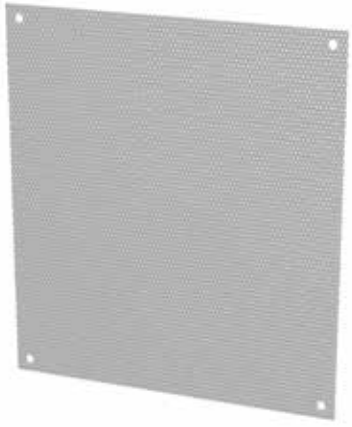
Features

- Made from 16 ga steel
- Accepts self tapping screws eliminating timely measurement, marking and drilling of component mounting holes
- 1/8" dia holes on 1/4" staggered centers
- ANSI 61 gray powder finish

	Panel		For Use with Enclosure		
Part No.	L	W	H	W	# Folds
AP1612PP	13.00	10.50	16.00	12.00	0
AP1616PP	13.00	14.50	16.00	16.00	0
AP1620PP	13.00	18.50	16.00	20.00	0
AP2016PP	17.00	14.50	20.00	16.00	0
AP2020PP	17.00	18.50	20.00	20.00	0
AP2024PP	17.00	22.50	20.00	24.00	0
AP2416PP	21.00	14.50	24.00	16.00	0
AP2420PP	21.00	18.50	24.00	20.00	0
AP2424PP	21.00	22.50	24.00	24.00	4
AP3020PP	26.00	18.50	30.00	20.00	4
AP3024PP	26.00	22.50	30.00	24.00	4
AP3030PP	26.00	28.50	30.00	30.00	4
AP3624PP	32.00	22.50	36.00	24.00	4
AP3630PP	32.00	28.50	36.00	30.00	4
AP4224PP	38.00	22.50	42.00	24.00	4

Perforated Inner Panels

N1J Series Enclosures



Features

- Made from 16 ga steel
- Accepts self tapping screws eliminating timely measurement, marking and drilling of component mounting holes
- 1/8" dia holes on 1/4" staggered centers
- ANSI 61 gray powder finish

	Panel		For Use with Enclosure		
Part No.	L	W	H	W	# Folds
N1JP66PP	4.25	4.25	6.00	6.00	0
N1JP86PP	6.25	4.25	8.00	6.00	0
N1JP88PP	6.25	6.25	8.00	8.00	0
N1JP108PP	8.25	6.25	10.00	8.00	0
N1JP1010PP	8.25	8.25	10.00	10.00	0
N1JP1210PP	10.25	8.25	12.00	10.00	0
N1JP1212PP	10.25	10.25	12.00	12.00	0
N1JP1412PP	12.25	10.25	14.00	12.00	0
N1JP1612PP	14.25	10.25	16.00	12.00	0
N1JP2012PP	18.25	10.25	20.00	12.00	0

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Swing Panel Kit

Features

- Kits are used as accessory to standard Hammond panels (sold separately)
- Allows panel to be mounted in front part of enclosure
- Hinge permits access behind panel
- Sealing washers preserve approval rating of enclosure
- Panel not included.

Part No.	For Use With
SPB1	1414 Series where AxB is 8”x6” or larger (not compatible with 1414 screw cover series)
SPB1	EJ Series where AxB is 8”x6” or larger
SPB1	C3R-HCLO Series where AxB is 16x12 or smaller
SPB2	1418 Wallmount Series, HW Series
SPB2	C3R-HCLO Series where AxB is 16x16 or larger
SPB2	C3R-HCR Series where AxB is 16x12 or larger

Terminal Straps and Brackets

1414/EJ/PJ Series Enclosures

Features

- Used to provide convenient mounting for terminal blocks in 1414 Series enclosures and some sizes of “PJ” Series enclosures.
- Finished in white.

Bracket Assembly

- Each kit consists of two brackets.
- “C” channel construction provides easy alignment of terminal straps.

Terminal Strap

- 1.5” wide x 0.187” thick steel.
- Each strap includes spring locking hardware.
- Countersunk holes in straps provide extra terminal mounting space.

How to Order

- Each enclosure requires one bracket assembly kit and the required number of straps (Strap Part No. corresponds to enclosure dimension “A” and is mounted parallel to same, Bracket Part No. corresponds to enclosure dimension “B” and is mounted parallel to same).
- Example: For a PJ864L enclosure, order one 14B6 bracket assembly and a minimum of one 14B8 terminal strap kits. Additional terminal strap kits will provide additional mounting space.

Single Strap Part No.	L	Usable Mounting Space	Bracket (Pair) Part No.	W	A	B	C	Fits PJ Enclosure
14S8	6.19	4.30	14B6	6.00	5.00	4.25	1.55	PJ864...[1]
14S10	8.19	6.30	14B8	8.00	7.00	6.25	1.55	PJ1086...[1]
14S12	10.19	8.30	14B10	10.00	9.00	8.25	2.79	PJ12106...[1]
14S14	12.19	10.30	14B12	12.00	11.00	10.25	2.79	PJ14126...[1]
14S16	14.19	12.30	14B14	14.00	13.00	12.25	2.79	PJ16148...[1]

[1] Compatible with all latch types

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Terminal Straps and Brackets

1418 Series Enclosures

Features

- Used to provide convenient mounting for terminal blocks, pneumatic controls or small relays in 1418 wallmount enclosures.
- Brackets may be installed horizontally or vertically in an enclosure if the size corresponds to enclosure length or width.
- Finished in white.

Bracket Assembly

- Each kit consists of two or three brackets per assembly.
- Brackets combined with collar stud length provide 3” minimum clearance from the rear of the enclosure.
- “C” channel construction provides easy alignment of terminal straps.

Terminal Strap

- 1.5” wide x 0.187” thick steel.
- Each strap includes spring locking hardware.
- Countersunk holes in straps provide extra terminal mounting space.

How to Order

- Each enclosure requires one bracket assembly kit and the required number of straps (order separately).
- Determine if strap will be mounted parallel to dimension “A” or “B”. Choose the part number that corresponds to enclosure dimensions “A” or “B”.
- When choosing a bracket assembly to be parallel to dimension “B” in an enclosure of 24”, 30” or 36” width, determine if a two or three bracket assembly is required. When enclosures are 48” or greater on “A” dimension, 6 collar studs are used.
- Choose strap kit to correspond to the other enclosure dimensions.
- Order the number of kits equal to the number of straps required.

Bracket Assembly

Part No.	# of Brackets	L	B	Parallel Enclosure Dim
18B212	2	8.50	7.25	12
18B216	2	12.50	11.25	16
18B220	2	16.50	15.25	20
18B224	2	20.50	19.25	24
18B324	3	20.50	19.25	24
18B230	2	26.50	25.25	30
18B330	3	26.50	25.25	30
18B236	2	32.50	31.25	36
18B336	3	32.50	31.25	36

Strap

Part No.	L	Usable Mounting Space (L)
18S12	9.50	7.60
18S16	13.50	11.60
18S20	17.50	15.60
18S24	21.50	19.60
18S30	27.50	25.60
18S36	33.50	31.60
18S42	39.50	37.60
18S48	45.50	43.60
18S60	57.50	55.60
18S72	69.50	67.60

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Eclipse Swing Panel

- Hinged panel allows access to internally mounted equipment.
- 12 gauge steel construction.
- Slotted quarter turn latches provide closure.
- Adding optional locking quarter turn latches (Part Number EQTRL) convert this to a dead front panel.
- Complete with 4-6" depth adjustment channels.
- Hardware kit maintains UL, CSA and NEMA ratings when field installed.
- Finished in white.

Part No.	Fits Enclosure Size (A x B)
ESP3020	30 x 20
ESP3024	30 x 24
ESP3030	30 x 30
ESP3624	36 x 24
ESP3630	36 x 30
ESP3636	36 x 36
ESP4236	42 X 36
ESP4824	48 X 24
ESP4836	48 X 36
ESP6036	60 X 36

Part No.	Fits Enclosure Size (A x B)
ESP1212	12 x 12
ESP1612	16 x 12
ESP1616	16 x 16
ESP1620	16 x 20
ESP2016	20 x 16
ESP2020	20 x 20
ESP2024	20 x 24
ESP2416	24 x 16
ESP2420	24 x 20
ESP2424	24 x 24

Swing Panel

- Hinged aluminum panel.
- Mounts at front of enclosure body.
- Field installed with no drilling required.

Use with PJU Series Enclosures

Part No.	Panel Dimensions Height	Width
PJSPU108	9.64	7.87
PJSPU1210	11.64	9.86
PJSPU1412	13.64	11.86
PJSPU1614	15.64	13.86
PJSPU1816	17.90	15.99
PJSPU2016	19.65	15.55

Use with PJ Series Raised Lid Enclosures

Part No.	Panel Dimensions Height	Width
PJSP108	9.50	7.50
PJSP1210	11.50	9.50
PJSP1212	11.50	11.37
PJSP1412	13.50	11.50
PJSP1614	15.50	13.50
PJSP1816	17.63	15.63
PJSP2016	19.25	15.25
PJSP2420	23.25	19.38
PJSP2424	23.38	23.25
PJSP3024	29.25	23.38

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Swing Panel

PCJ Series Accessory

Features

- Hinged aluminum panel installed on corner sliders allowing adjustable depth setting
- Can be installed hinged either right or left swing
- Field installed with no drilling required
- Mounting Hardware Included
- Material thickness 0.09”

HFPP Kit Part No.	Enclosure Base Part No.	A	B	C	D	E
PCJHFPP66	PCJ664	5.44	5.61	2.64	3.13	4.19
PCJHFPP86	PCJ864	7.44	5.61	4.64	3.13	6.19
PCJHFPP88	PCJ884	7.44	7.63	4.64	5.38	6.19
PCJHFPP108	PCJ1084	9.43	7.69	6.63	5.38	8.18
PCJHFPP1210	PCJ12106	11.55	9.58	8.63	7.33	10.13
PCJHFPP1412	PCJ14126	13.10	11.25	10.61	9.00	11.75
PCJHFPP1614	PCJ16148	14.75	12.88	12.33	12.88	13.44
PCJHFPP1816	PCJ181610	16.88	14.88	14.19	14.88	15.44

Replacement Hardware

Part Number	Description
PCJCB4	Corner block set of 4
PCJHFH	Hinge and screws set of 2

Eclipse Swing Frame

For use with Eclipse Enclosure Series

- Provides 19” rack mounting with full EIA spacing (punched holes).
- Hinges allow easy equipment access.
- Slotted quarter turn latches provide closure.
- Optional locking quarter turn latch available by ordering Part No. EQTRL
- Adding optional locking quarter turn latches provides added security.
- Complete with 4-6” depth adjustment channels.
- Mounting hardware sold separately.
- Hardware kit maintains UL, CSA and NEMA ratings when field installed.
- Finished in black.

Part No.	Fits Enclosure Size (AxB)	Rack Spacing Width	Rack Units
ESF2424	24x24	19.00	11U
ESF3024	30x24	19.00	14U
ESF3624	36x24	19.00	17U

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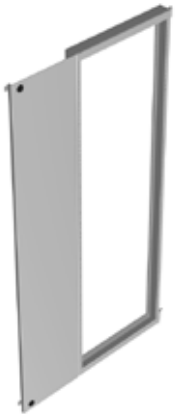
Freestanding Enclosure 19” Swing Out Frames

1418FS and HN4FS Series Enclosures

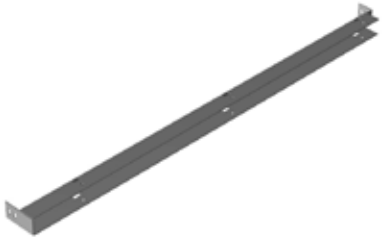


- Formed from 10 gauge steel, frames are drilled and tapped to EIA requirements for mounting standard 19” rack accessories.
- Designed for installation in 72” and 90” high enclosures. The swing frame pivots on 0.5” pins within the enclosure for easy access to the rear of rack mounted equipment.
- The frame positions at any depth within the enclosure and is fastened in the closed position with quarter turn fasteners.
- Swing frames may be mounted in 30” and 36” wide enclosures, or in 60” and 72” wide enclosures with an optional center panel support.
- One or two frames may be mounted in 30” and 36” wide enclosures with dual access, and 1,2,3 or 4 frames may be mounted in 60” and 72” wide dual access enclosures.
- Finished in black.

Part No.	A	B	C	Rack Units	Enclosure Height	Width Single Door
1418SFYY	78.50	31.80	12.14	44	90.00	36.00
1418SFY	60.50	31.80	12.14	33	72.00	36.00
1418SFX	60.50	25.82	6.14	33	72.00	30.00

Freestanding Enclosure Center Panel Supports

1418FS and HN4FS Series Enclosures



- Adapts panels, swing frames, and panel rails from single door enclosures so they can be used on double door enclosures.
- Suitable for single or dual access double door enclosures.
- Center panel support mounts into front to back mounting channels (top and bottom) found in two door enclosures.
- Allows a combination of two 20” panels in a 48” wide enclosure, two 26” panels in a 60” wide enclosure, or two 32” panels in a 72” wide enclosure.
- Width is adjustable from 1.91” to 2.34”.
- Support may be positioned at any depth within the enclosure.
- Finished in white.

Part No.	Enclosure Ht.
1418ACS	60.00
1418ZCS	72.00
1418BCS	90.00

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Eclipse Rack Panel

For use with Eclipse Enclosure Series

Features

- Provides internal 19” rack mounting with full EIA spacing (punched holes).
- Compatible with specific sizes of the Eclipse Series (EN4SD and ST versions)
- This is a 2 component system
  - Must order ERP brackets
  - Must order HLP swivel panel mounting components
- Maintains UL, CSA and NEMA ratings when field installed.
- Smooth black powder paint finish.
- RoHS Compliant.
- Manufactured in North America.

ERP Brackets

- Mount to internal mounting studs.
- Can be used whether an inner panel is installed or not.

HLP Panel Mounting Brackets

- Rack mounting units available in 4U (7.00”), 6U (10.50”) and 8U (14.00”).
- Rails pivot 180 degrees for easy equipment mounting.
- Includes starter pack of mounting hardware and panel installation hardware.

Compatible Enclosure Dimensions			ERP Brackets	HLP Swivel Rack Mount Brackets		
H	W	D	Part No.	4U Part No.	6U Part No.	8U Part No.
24.00	24.00	12.00	**ERP2424**	**HLP4UR**	n/a	n/a
24.00	24.00	16.00	**ERP2424**	**HLP4UR**	**HLP6UR**	n/a
24.00	24.00	20.00	**ERP2424**	**HLP4UR**	**HLP6UR**	**HLP8UR**
30.00	24.00	12.00	**ERP3024**	**HLP4UR**	n/a	n/a
30.00	24.00	16.00	**ERP3024**	**HLP4UR**	**HLP6UR**	n/a
30.00	24.00	20.00	**ERP3024**	**HLP4UR**	**HLP6UR**	**HLP8UR**
30.00	24.00	24.00	**ERP3024**	**HLP4UR**	**HLP6UR**	**HLP8UR**
36.00	24.00	12.00	**ERP3624**	**HLP4UR**	n/a	n/a

Freestanding Enclosure Panel Rails

1418FS and HN4FS Series Enclosures

- Provides 19” or 24” mounting capability.
- Sold in pairs.
- Formed from 10 gauge steel.
- Drilled and tapped 10-32 to EIA spacing of 0.5” - 0.63” - 0.63” - 0.5”.
- Finished in white.

Part No.	Panel Description	Enclosure	Width	Height Panel	U	V
1418TFHP	Full Height	60 x 24	19.00	49.00	3.78	7.78
1418THHP	Half Height			26.25	3.59	7.59
1418WFHP	Full Height	72 x 24	19.00	61.25	3.66	7.66
1418WHHP	Half Height			31.50	3.97	7.67
1418XFHP	Full Height	72 x 30	24.00	61.25	3.66	7.66
1418XHHP	Half Height			31.50	3.97	7.67
1418YYFHP	Full Height	90 x 24	19.00	78.75	3.91	7.91
1418YYHHP	Half Height			40.25	4.09	8.09

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Mild Steel and Stainless Steel Window Kits

Features

- Maintain environmental protection level of Type 4, 4X (for stainless steel) as noted
- Window is 0.25" thick, UV resistant Polycarbonate.
- Frame is heavy gauge steel, or 304 stainless steel with integral weld studs and compression clips.
- Oil resistant neoprene gasket ensures a watertight seal.
- Finished in ANSI 61 gray recoatable powder or natural brushed stainless steel.

Part No.	Material	Window Dimensions A	Window Dimensions B	Recommended Cut-Out Size	
1481WN40503[1]	Steel	5.00	3.00	6.69	4.69
1481WN40905[1]	Steel	9.00	5.50	10.69	7.19
1481WN41303[1]	Steel	13.00	3.00	14.69	4.69
1481WN41308[1]	Steel	13.00	8.00	14.69	9.69
1481WN41705[1]	Steel	17.00	5.50	18.69	7.19
1481WN41711[1]	Steel	17.00	11.00	18.69	12.69
1481WN42315[1]	Steel	23.00	15.00	24.69	16.69
1481WN42919[1]	Steel	29.00	19.00	30.69	20.69
1481WN43523[1]	Steel	35.00	23.00	36.69	24.69
1481WN4SS0503[2]	Stainless Steel	5.00	3.00	6.69	4.69
1481WN4SS0905[2]	Stainless Steel	9.00	5.50	10.69	7.19
1481WN4SS1308[2]	Stainless Steel	13.00	8.00	14.69	9.69
1481WN4SS1711[2]	Stainless Steel	17.00	11.00	18.69	12.69
1481WN4SS2315[2]	Stainless Steel	23.00	15.00	24.69	16.69
1481WN4SS2919[2]	Stainless Steel	29.00	19.00	30.69	20.69

[1] UL/ CSA Type 12 and Type 4
[2] UL/ CSA Type 12, Type 4 and Type 4x

Frameless Window Kits

Features

- Designed for indoor use on Type 12 and 13 enclosures.
- Scratch resistant polycarbonate window is 0.125" thick.
- Double sided tape is on the window for easy installation.
- Mounting hardware and template are included.

Part No.	Window Dimensions A	Window Dimensions B	Maximum Cut-Out Size	
1481WFL52	5.50	3.00	4.50	2.00
1481WFL133	13.88	3.88	12.88	2.88
1481WFL96	9.62	7.19	8.62	6.19

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Deep Hinged Window Kits

Features

- Extra deep kits are designed to provide protection and easy access to components and equipment installed inside an enclosure.
- Maintain environmental protection level of Type 4, 4X and 12 as noted
- Frame is 14 guage mild steel or 316L stainless steel.
- Quarter turn latch for easy access.
- 2.5 inches of extra usable depth
- Oil resistant neoprene gasket ensures a watertight seal.
- Can be either left or right hand hinged.
- Window is 0.25” thick, UV Resistant Polycarbonate.
- Conveniently sized to allow mounting on the door of any Hammond Wallmount Series enclosure, or in any other Hammond enclosure with a suitable mounting surface.
- Mounting hardware and template are included.
- Finished in ANSI 61 gray recoatable powder or natural brushed stainless steel.

		Overall Dimensions		Viewing Area		Latch	Maximum Cut-Out Size	
Part No.	Material	A	B	C	D	Qty		
1481WDH1418[1]	Steel	12.19	14.56	8.00	9.17	1.00	9.19	11.56
1481WDH1612[1]	Steel	14.19	8.14	10.00	2.75	1.00	11.19	5.14
1481WDH2016[1]	Steel	18.19	12.14	14.00	6.75	1.00	15.19	9.14
1481WDH2416[1]	Steel	22.19	12.14	18.00	6.75	1.00	19.19	9.14
1481WDH2420[1]	Steel	22.19	16.14	18.00	10.75	1.00	19.19	13.14
1481WDH2430[1]	Steel	22.19	26.14	18.00	20.75	1.00	19.19	23.14
1481WDH3024[1]	Steel	28.19	20.14	24.00	14.75	2.00	25.19	17.14
1481WDH3624[1]	Steel	34.19	20.14	30.00	14.75	2.00	31.19	17.14
1481WSSDH1418[2]	Stainless Steel	12.19	14.56	8.00	9.17	1.00	9.19	11.56
1481WSSDH1612[2]	Stainless Steel	14.19	8.14	10.00	2.75	1.00	11.19	5.14
1481WSSDH2016[2]	Stainless Steel	18.19	12.14	14.00	6.75	1.00	15.19	9.14
1481WSSDH2416[2]	Stainless Steel	22.19	12.14	18.00	6.75	1.00	19.19	9.14
1481WSSDH2420[2]	Stainless Steel	22.19	16.14	18.00	10.75	1.00	19.19	13.14
1481WSSDH2430[2]	Stainless Steel	22.19	26.14	18.00	20.75	1.00	19.19	23.14
1481WSSDH3024[2]	Stainless Steel	28.19	20.14	24.00	14.75	2.00	25.19	17.14
1481WSSDH3624[2]	Stainless Steel	34.19	20.14	30.00	14.75	2.00	31.19	17.14

[1] UL/ CSA Type 12 and Type 4
[2] UL/ CSA Type 12, Type 4 and Type 4x

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Polycarbonate HMI Hinged Cover Kits

Features

- Provides protection for instruments or electronics requiring routine attention or detail.
- Available in light gray solid opaque or polycarbonate thermoplastic clear covers.
- Cover Latching Options - hinged screw cover, tamper proof screw cover, and snap latch with pad lock feature.
- Listed UL component for use with enclosures rated NEMA Types 1, 3, 3R, 4, 4X, 12 or 13.
- CSA listed NEMA Type 1, 3, 3R, 4, 4X, 12 or 13.
- 316 stainless steel hinge pin.
- UV stabilized for outdoor use.
- Formed-In-Place (FIP) polyurethane gasket in continuous channel.
- Designed for use with wall thicknesses from 16 gauge through 1/4”
- #10-32 threaded brass inserts with plated steel mounting fasteners.
- Service temperature -31°F (-35°C) to 266°F (130°C)

Accessories

- HMI Cover Prop Arm...*See Page* ***297***

				Frame Size Dimensions			Viewing Area	
Clear Cover	Opaque Cover	Optional Prop Arm	Closure Style	A	B	C	D	E
PJHMI88CCH	**PJHMI88H**	**PJHMIPROP88**	Screw Cover	7.93	8.15	2.27	6.47	6.69
PJHMI88CCHTP	**PJHMI88HTP**	**PJHMIPROP88**	Tamperproof Screw Cover	7.93	8.15	2.27	6.47	6.69
PJHMI88CCL	**PJHMI88L**	**PJHMIPROP88**	Snap Latch Cover	7.93	8.15	2.27	6.47	6.69
PJHMI108CCH	**PJHMI108H**	**PJHMIPROP108**	Screw Cover	9.93	8.15	2.27	8.47	6.69
PJHMI108CCHTP	**PJHMI108HTP**	**PJHMIPROP108**	Tamperproof Screw Cover	9.93	8.15	2.27	8.47	6.69
PJHMI108CCL	**PJHMI108L**	**PJHMIPROP108**	Snap Latch Cover	9.93	8.15	2.27	8.47	6.69
PJHMI1210CCH	**PJHMI1210H**	**PJHMIPROP1210**	Screw Cover	11.93	10.15	2.27	10.47	8.69
PJHMI1210CCHTP	**PJHMI1210HTP**	**PJHMIPROP1210**	Tamperproof Screw Cover	11.93	10.15	2.27	10.47	8.69
PJHMI1210CCL	**PJHMI1210L**	**PJHMIPROP1210**	Snap Latch Cover	11.93	10.15	2.27	10.47	8.69
PJHMI1412CCH	**PJHMI1412H**	**PJHMIPROP1412**	Screw Cover	13.95	12.07	2.20	12.49	10.71
PJHMI1412CCHTP	**PJHMI1412HTP**	**PJHMIPROP1412**	Tamperproof Screw Cover	13.95	12.07	2.20	12.49	10.71
PJHMI1412CCL	**PJHMI1412L**	**PJHMIPROP1412**	Snap Latch Cover	13.95	12.07	2.20	12.49	10.71
PJHMI1614CCH	**PJHMI1614H**	**PJHMIPROP1614**	Screw Cover	16.01	14.23	2.27	14.49	12.71
PJHMI1614CCHTP	**PJHMI1614HTP**	**PJHMIPROP1614**	Tamperproof Screw Cover	16.01	14.23	2.27	14.49	12.71
PJHMI1614CCL	**PJHMI1614L**	**PJHMIPROP1614**	Snap Latch Cover	16.01	14.23	2.27	14.49	12.71

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HMI Cover Prop Arm

PJHMI Series

Features

- Stainless steel construction.
- When HMI Cover mounted with hinge along top edge, prop arm unfolds to provide hands free support.
- Mounts on right or left side of HMI Cover.
- Easily field installable.
- Choose appropriate Prop Arm for the size of HMI Cover used (PJHMI Series.)

Part No.	Fits Window Kit
PJHMIPROP88	PJHMI88...
PJHMIPROP108	PJHMI108...
PJHMIPROP1210	PJHMI1210...
PJHMIPROP1412	PJHMI1412...
PJHMIPROP1614	PJHMI1614

Polycarbonate Inspection Window Kit

Features

- Clear polycarbonate thermoplastic.
- Provides visibility and easy viewing access to equipment and components installed in an enclosure.
- Recognized UL component for use with enclosures rated NEMA Types 1, 3, 3R, 4, 4X, 12 or 13.
- CSA listed NEMA Type 1, 3, 3R, 4, 4X, 12 or 13
- UV stabilized for outdoor use.
- Formed-In-Place (FIP) polyurethane gasket in continuous channel.
- Designed for use with wall thicknesses from 16 gauge through 1/4”
- #10-32 threaded brass inserts with plated steel mounting fasteners
- Service temperature -31°F (-35°C) to 266°F (130°C)

	Overall Dimensions			Viewing Area	
Part No.	A	B	C	D	E
PJHMI66CX	6.50	6.50	0.60	5.64	5.64
PJHMI95CX	10.00	7.25	0.60	9.14	6.39
PJHMI138CX	14.70	9.70	0.60	13.84	8.84

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Fluorescent Light Kit & Accessories

Features

- Light kits are offered in 18”, 24” and 48” widths.
- CSA and UL component recognized.
- Operating voltage 115 AC 60Hz
- 115V AC, features a manually operated switch, 115V convenience outlet, durable plastic lens, and 6 foot power cord (without plug).
- Can mount into light mounting channel, bolt through enclosure or by using magnet strip (available separately - see chart below.)
- 1¾” high x 4½” deep.
- Finished in white.
- Use standard 18”, 24” or 48” T8 fluorescent bulb (not included)
- Magnet mount
  - Can be used with mild steel enclosures only.

Accessories

- Remote Door Switches...*See Page* ***299***

Part No.	Description	Magnetic Mount Kit Part No.	Replacement Lens Kit Part No.
FLK18T8[1]	18” Fluorescent Light Kit 115V	**FLK18MM**	**FLK18LENSE**
FLK24T8[1]	24” Fluorescent Light Kit 115V	**FLK18MM**	**FLK24LENSE**
FLK48T8[1]	48” Fluorescent Light Kit 115V	**FLK48MM**	**FLK48LENSE**

[1] T8 fluorescent bulb not included

LED Light Kit

Features

- Available in 9”,17.5”,26”,34.5” and 38.5” lengths
- Operating voltage 120V AC5 (50/60Hz). Operating temperature -20C to +50C
- Provides 175 lumens per LED module
- Long lamp life 60,000 hours in warm white color temperature
- No remote power supplies as unit comes with its own integral LED drivers
- Hard wired via multiple knockouts in light weight extruded Aluminum frame finished white with manual operated switch
- Hinged glass diffuser allows easy access to replaceable LED module

Accessories

- Remote Door Switches...*See Page* ***299***

Part Number	Description	Number LED Modules	Lumens	Energy Use
FLK5LED	9” LED Light Kit	1	175	4.4 w
FLK7LED	17.5” LED Light Kit	2	350	7.2 w
FLK10LED	26” LED Light Kit	3	525	9.8 w
FLK15LED	34.5” LED Light Kit	4	700	15.0 w
FLK17LED	38.5 LED Light Kit	5	875	17.0 w

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Remote Door Switches

Features

- Permits convenient door activated on-off function of air conditioners.
- Can be wired normally open or normally closed.
- 115/230 V AC

Part No.	For use with
FLKDS	1418, 1422, 1447, 2UD, UHD
FDS1	Eclipse, HME

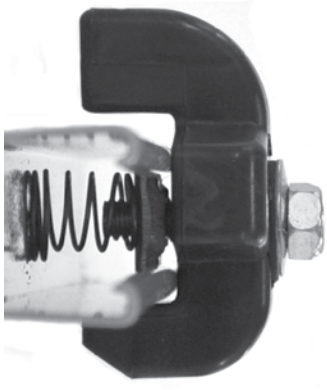
DIN Mount Receptacle

Features

- 125V/15A max. receptacle
- Mounts to 35mm DIN rail (not included)
- 3.6”H x 2.4”W x 1.9”D
- CE, UL/cUL component recognized

Part No.	SSD03504001

Door Support Guide



Features

- Designed for use when heavy loads or uneven mounting surfaces changes door alignment.
- Field installable kit.
- Can be used on Hammond Eclipse and 1418 Series wall mount enclosures, all freestanding and floor mount enclosures - both painted and stainless steel
- Kit includes all necessary hardware and installation instructions Sealing washers included maintain enclosure integrity

Part No.	DSG1

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Gland Plates

Features

- 14 gauge mild steel gland plate allows for easy cable entry into enclosure
- Maintains NEMA 12, 4 rating
- Hardware and cutout template included

Finish

- Available in ANSI 61 Gray and RAL 7035 Light Gray

Part No.	Finish	Overall Dimensions H	Overall Dimensions W	Fits Opening H	Fits Opening W
GP063LG	RAL 7035 Light Gray	6.31	2.75	5.06	1.50
GP134LG	RAL 7035 Light Gray	13.00	3.56	11.75	2.31
GP136LG	RAL 7035 Light Gray	13.38	5.88	12.13	4.63
GP216LG	RAL 7035 Light Gray	20.88	5.88	19.63	4.63
GP063GY	ANSI 61 Gray	6.31	2.75	5.06	1.50
GP134GY	ANSI 61 Gray	13.00	3.56	11.75	2.31
GP136GY	ANSI 61 Gray	13.38	5.88	12.13	4.63
GP216GY	ANSI 61 Gray	20.88	5.88	19.63	4.63

Gland Plates

Features

- 14 gauge steel gland plate allows for easy cable entry into enclosure
- Maintains NEMA 12, 4 rating, Stainless plates hold type 4X rating
- Hardware and cutout template included
- Modified sizes are available:
  - 16 gauge mild or stainless 76” x 18”
  - 14 gauge mild or stainless 76” x 25”
  - 12 and 10 gauge mild or stainless 76” x 40”
  - 0.081 aluminum 76” x 18”
  - 0.100 aluminum 76” x 25”

Finish

- Available in ANSI 61 Gray and RAL 7035 Light Gray
- Stainless Plates are 316 with a number 4 brush finish

Part No.	Finish	Overall Dimensions H	Overall Dimensions W	Fits Opening H	Fits Opening W
GP1507LG	RAL 7035 Light Gray	15.00	7.50	12.00	4.50
GP2207LG	RAL 7035 Light Gray	22.00	7.50	19.00	4.50
GP1507GY	ANSI 61 Gray	15.00	7.50	12.00	4.50
GP2207GY	ANSI 61 Gray	22.00	7.50	19.00	4.50
GP1507S16	316 STAINLESS	15.00	7.50	12.00	4.50
GP2207S16	316 STAINLESS	22.00	7.50	19.00	4.50

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Stack Lights

- Modular design for all indoor and outdoor applications.
- Provides warning signals and diplays machine status.
- High level of protection against electric shock with IP 54 rating.
- Separate components for easy ordering to suit every installation application.

Base and Tubes

Part No.	Description	L1	L2
PBR50BC	Base & End Module	-	-
PBR50S100	Tubular Stand/Plinth	3.46	-
PBR50S250	Tubular Stand/Plinth	9.37	-
PBR50T100	Threaded tubular stand/bracket	-	3.07
PBR50T250	Threaded tubular stand/bracket	-	8.98
PBR50T400	Threaded tubular stand/bracket	-	14.13

Modules

Part No.	Description
PBR50CLCL	Continuous beam module, transparent
PBR50CLYE	Continuous beam module, yellow
PBR50CLAM	Continuous beam module, amber
PBR50CLRE	Continuous beam module, red
PBR50CLGR	Continuousbeam module, green
PBR50CLBL	Continuous beam module, blue
PBR50BLYE24V	Blinking module, yellow
PBR50BLRE24V	Blinking module, red
PBR50BLGR24V	Blinking module, green

Gaskets, Bulbs and Accessories

Part No.	Description
PBR50MG	Replacement gasket for light module & base module
PBR50TG	Replacement gasket for mounting tube with plinth
PBR50BG	Replacement gasket for direct mounting IP 65
PBR50LED24	LED light bulb 24V/BA 15d
PBR50LED115	LED light bulb 115V/BA 15d
PBR50L24	Light bulb 24V DC/BA 15d 7W
PBR50L115	Light bulb 115V CD/BA 15d 7W
PBR50LS	Bulb Remover/Installer

Modular Data	Continuous Beam	Blinking Light
Modular Colors	Yellow, Red, Green, Amber, Blue, Transparent	Yellow, Red, Green
Modular Stages	Max. 5	Max. 5)
Angle of Beam	360 degrees	360 degrees
Percentage Duty Cycle	1	1
Rated Power, max.	7W	7W
Rated Power with 5 stages	5W	5W
Lamp Socket	BA 15d	BA 15d
Service life of light bulb/tube	approx. 1500h	approx. 1500h
AC Voltage Rating	230 V, 50/60 Hz, -15% to + 10%	230 V, 50/60 Hz, -15% to +10%
Current Capacity Rating	0.035 A	0.08 A
DC Voltage Rating	24 V, -15% to +20%	24 V, -15% to +20%
Current Capacity Rating	0.3 A	0.25 A

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Flange Disconnect Operator Adaptor Kits

Features

- Used to adapt flange mounted operating mechanisms to all Hammond enclosures with universal cutouts.
- Kits include an adaptor plate and all of the required parts (with instructions) to interlock the master door with the operator mechanism.
- Blank plates are used to cover the flange cutouts in Hammond universal type disconnect enclosures.

Part No.	Operator Make & Type	Manufacturer Part No.
AK1494FD	Allen Bradley	1494F and D
BPAK	Blank plate	

Part No.	Operator Make & Type	Manufacturer Part No.	
AKU	ABB Controls - operating handle		
	Disconnect Switch	DSFHN-HS12	
	Circuit Breaker	K7FHD-HS12	
	Allen Bradley - 1494V variable depth operating handle		
	Disconnect Switch		
	30 to 200	1494V H1	for 2UD, UHD, UHDM
	400 to 600	1494V H2	for UHD
	400	1494V H2	for UHDM
	Circuit Breaker	1494V H11	
	Cutler Hammer - operating handle		
	Disconnect Switch	C361H1 or H3	
	Circuit Breaker		
	150 A	C371H1 or H3	
	250 to 600 A	C371H5 or H7	for 2UD
	250 to 1200 A	C371H5 or H7	for UHD, UHDM
	Circuit Breaker	C371 Flex-Shaft™ handle mechanism	
	General Electric - operating handle		
	Disconnect Switch	STDA1or STDA2	
	Circuit Breaker	STDA1or STDA2	
	Circuit Breaker Spectra-Flex™ cable operators		
	150 to 600 A	STDA1	
	SK1200 A	STDA3	
	Siemens I.T.E. Max-Flex™ - operating handle		
	Disconnect Switch variable depth	FHOHS	
	Circuit Breaker		
	125 to 600 A	FHOH	
	800 to 2000 A	FHOHN	
	Square D - class 9422 operating mechanism		
	Disconnect Switch variable depth	9422 type A1	
	Circuit Breaker variable depth	9422 type A1	
	Disconnect Switch with cable mechanism	9422 type A1	
	Circuit Breaker with cable mechanism	9422 type A1	

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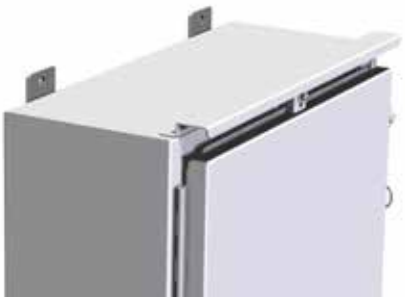
Drip Shield Kit



Features

- Easily installed on Type 12, 4 and 4X wall-mount enclosures using stainless steel bolts and sealing washers (included).
- Designed not to interfere with door clamps.
- Protects door from dripping water and settling dust.
- Constructed in 14 gauge mild steel (painted) or 316 stainless steel.
- Maintains enclosure rating.

Part Numbers Painted Steel (Gray)	Painted Steel (Lt. Gray)	Stainless Steel	Fits Enclosure Width (inches)
DK12GY	**DK12LG**	**DK12S16**	12.00
DK16GY	**DK16LG**	**DK16S16**	16.00
DK20GY	**DK20LG**	**DK20S16**	20.00
DK24GY	**DK24LG**	**DK24S16**	24.00
DK30GY	**DK30LG**	**DK30S16**	30.00
DK36GY	**DK36LG**	**DK36S16**	36.00
DK42GY	**DK42LG**	-	42.00
DK48GY	**DK48LG**	-	48.00
DK60GY	**DK60LG**	-	60.00
DK72GY	-	-	72.00

Pedestal and Base

Features

- Used for floor mounting for many types of enclosures, consolets or pushbutton boxes
- Provides wiring feature through the column.
- Meets NEMA Type 12 and 13 requirements.
- Finished in ANSI 61 gray.

Pedestal Column

- Columns are formed from 14 gauge steel with 10 gauge flanges.
- Column access opening with gasketed cover.
- Columns include flange gaskets and a box connector.

Pedestal Base

- Bases are formed from 10 gauge steel with additional reinforcing.
- Bases include levelling screws.

Part No.	Description	H	W	D
1495C35	Pedestal Column	36.00	4.00	4.00
1495D35	Pedestal Column	36.00	6.00	6.00
1495XK	Pedestal Base	1.13	18.00	18.00
1495XN	Pedestal Base	1.13	24.00	24.00

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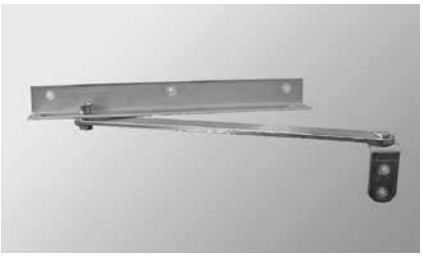
Floor Stand Kit

Features

- Kit includes two mounting feet and hardware kit.
- Pre-punched mounting feet may be used as a template to drill holes on bottom of enclosure.
- Finished in gray or natural brushed stainless steel.

Steel Part No.	Stainless Steel Part No.	Foot Height	Enclosure Depth	Dimensions A	B	C
1481FA8K		6.00	8.00	8.00	6.00	4.00
1481FA10K		6.00	10.00	10.00	8.00	6.00
1481FA12K		6.00	12.00	12.00	8.00	6.00
1481FA16K		6.00	16.00	16.00	10.00	8.00
1481FA18K		6.00	18.00	18.00	8.00	6.00
1481FA20K		6.00	20.00	20.00	10.00	8.00
1481FC6K		12.00	6.00	6.00	5.00	4.00
1481FC8K	1481FC8KSS	12.00	8.00	8.00	6.00	4.00
1481FC10K	1481FC10KSS	12.00	10.00	10.00	8.00	6.00
1481FC12K	1481FC12KSS	12.00	12.00	12.00	8.00	6.00
1481FC16K	1481FC16KSS	12.00	16.00	16.00	10.00	8.00
1481FC18K		12.00	18.00	18.00	8.00	6.00
1481FC20K		12.00	20.00	20.00	10.00	8.00
1481FC24K		12.00	24.00	24.00	10.00	8.00
1481FE6K		15.00	6.00	6.00	5.00	4.00
1481FE8K		15.00	8.00	8.00	6.00	4.00
1481FE10K		15.00	10.00	10.00	8.00	6.00
1481FE12K		15.00	12.00	12.00	8.00	6.00
1481FE16K		15.00	16.00	16.00	10.00	8.00
1481FE18K		15.00	18.00	18.00	10.00	8.00
1481FE24K		15.00	24.00	24.00	10.00	8.00
1481FG6K		18.00	6.00	6.00	5.00	4.00
1481FG8K		18.00	8.00	8.00	8.00	6.00
1481FG10K		18.00	10.00	10.00	8.00	6.00
1481FG12K		18.00	12.00	12.00	8.00	6.00
1481FG16K		18.00	16.00	16.00	10.00	8.00
1481FK6K		24.00	6.00	6.00	5.00	4.00
1481FK8K		24.00	8.00	8.00	8.00	4.00
1481FK10K	1481FK10KSS	24.00	10.00	10.00	8.00	4.00
1481FK12K	1481FK12KSS	24.00	12.00	12.00	10.00	6.00
1481FK16K		24.00	16.00	16.00	12.00	8.00

Door Stop Kit



Features

- Provides for door opening in fixed position as required.
- Prevents door swing that can occur in field maintenance situations.
- Minimum enclosure width of 20” for single door and 48” for two-door is required
- This door stop kit maintains NEMA 4x, 4, 3R and 12 ratings when installed correctly using the hardware and directions provided.

Part No.	DSTOPK

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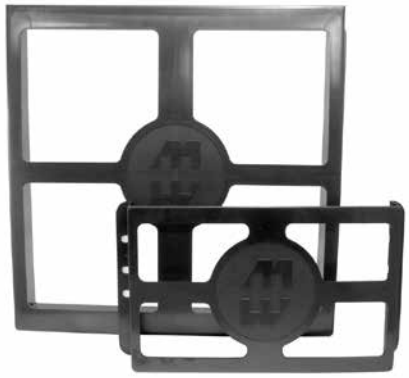
Touch-Up Spray Paint

Features

- For use in matching standard Hammond colors.
- Provided in 12 oz. spray cans.

Part No.	Color
1413BKLGS	Black - Low Gloss
1413BKS	Black
1413CGRALS	Beige RAL 7032
1413LRS	ANSI 61 Gray
1413NS	White
1413LGS	Light Gray RAL 7035
1413WH9003	White RAL 9003

Literature Pocket

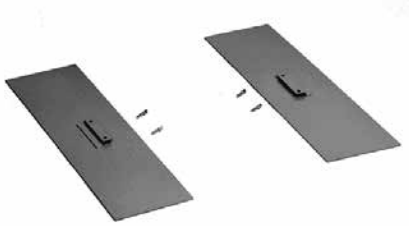


Features

- For use as additional or replacement literature pockets.
- Kit includes pocket, high strength two-sided adhesive tape and surface preparation swab.
- Plastic pocket is black.
- Packaged individually.

Part No.	H	W	D
PKT66	6.00	6.00	0.75
PKT99	6.00	9.00	0.75
PKT1212S	12.00	12.00	1.25
PKT1212	12.00	12.00	2.50

Enclosure Stabilizers



Features

- Prevents floor mounted enclosures from falling over while being worked on before they are bolted to the floor.
- Install by slipping under enclosure mounting foot and tightening two thumb screws.
- 8” x 30” overall dimensions
- Sold in pairs
- Finished in gray.

Part No.	1481ES

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Caster Set

Features

- Ball bearing, swivel and hard composition wheels.

Part No.	Strength	Wheel Diameter	Overall Height Added to Cabinet	Hole Mounting Pattern Width	Hole Mounting Pattern Depth	Caster Set Weight Capacity	Qty Included In Set	Qty with Brakes Included
1425B	Lite Duty	3.00	3.81	1.75	3.00	360	4	0
1425BM	Medium Duty	3.00	3.81	1.75	3.00	700	4	0
1425BH	Heavy Duty	3.00	3.81	1.75	3.00	1050	4	0
1425BHLOCK	Heavy Duty	3.00	3.81	1.75	3.00	1050	4	4

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Casters

Features

- Packaged in sets of four.
- 800 lb. load capacity per set.
- 4” swivel casters with brakes.
- Features zinc plated ball bearing pivot, composite wheels.

Part No.	1425D

Panel Lifting Handles

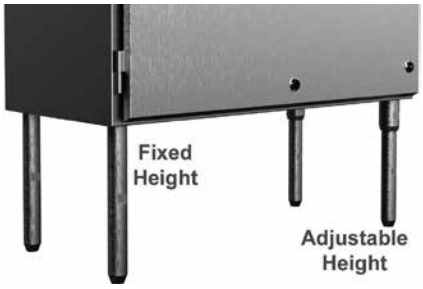
Features

- Used for lifting, transporting and installing panel assemblies in enclosures that are positioned horizontally.

Part No.	1481H

Wash Down Floor Stand Kit

Waterfall Series Accessory



Features

- Attach to bottom enclosure for floor mounting applications
- Permits easy access for cleaning beneath enclosure
- Adds 12” height to enclosure
- Adjustable model has 1” of adjustment – ideal as a leveling foot
- 316L stainless steel construction
- Sold in pairs

Part No.	Description
AKIT316ST	Adjustable Height Floor Stand (pair)
FKIT316ST12	12” Fixed Floor Stand (pair)

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Liquid-Tight, Strain Relief Cordgrips

Features

- Black nylon, liquid-tight cordgrip.
- Used where cable is entering or leaving an enclosure.
- Accepts a wide range of cable diameters due to large opening and highly flexible strain relief elements, together with a TPE sealing ring.
- The strain relief elements tighten in a circular sequence on the sealing ring to give outstanding strain relief without twisting or damaging the cable.
- Use the cordgrip with the smallest maximum diameter that will fit your application (see table below).
- Nylon locknut included (as shown).
- Designed to meet NEMA Type 4, 4X, 6, 6P, 12 & 13 - Protection to IP68.
- UL94-V2 flammability rating.
- UL, CSA & VDE listed.

	Use With Wire Diameter		Mounting Hole
Part No.	Min	Max	Diameter
1427CG7	0.10	0.26	0.49
1427CG9	0.14	0.32	0.60
1427CG13	0.24	0.47	0.80
1427CG16	0.35	0.55	0.89
1427CG21	0.51	0.71	1.11

Gasket Kits

NEMA 12 Enclosures

- Self-adhesive cellular neoprene gasket for NEMA 12 enclosures.
- Supplied in 10 foot rolls, 0.19” x 0.75”.

NEMA 4, 4X Enclosures

- Self-adhesive neoprene blend gasket for NEMA 4, 4X enclosures.
- Supplied in 10 foot rolls, 0.25” x 0.75”.

NEMA 4, 4X Enclosures - Extreme Temperature

- Self-adhesive, light gray, silicone foam gasket for NEMA 4, 4X enclosures.
- Temperature range -67° to +392°F (-55° to +200°C)
- Designed for use on the following Hammond Series: EJ, HJ, 1414, Eclipse, 1418 and HW
- Original gasket must be properly removed and replaced with the silicone strip gasket according to instructions provided.
- Supplied in 10 foot rolls, 0.25” x 0.75”.

Part No.	Material	For NEMA Type
1481DJ10	Neoprene	12
1481DJN410	Neoprene/EPDM/SBR	4, 4X
1481DJSIL10	Silicone	4, 4X

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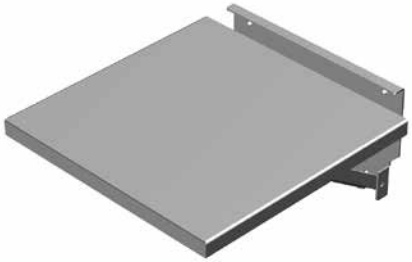
Fold Down Shelf



Features

- Supports various equipment used temporarily to service/program switchgear inside enclosures.
- Mounts with bolts through doors or sides.
- Supports up to 100 lbs weight capacity.

		Work Surface	
Part No.	Finish	W	D
FDS1212GY	ANSI 61 Gray	12.00	12.00
FDS1818GY	ANSI 61 Gray	18.00	18.00
FDS2424GY	ANSI 61 Gray	24.00	24.00
FDS1212LG	RAL 7035 Light Gray	12.00	12.00
FDS1818LG	RAL 7035 Light Gray	18.00	18.00
FDS2424LG	RAL 7035 Light Gray	24.00	24.00
FDS1212S16	316 Stainless Steel	12.00	12.00
FDS1818S16	316 Stainless Steel	18.00	18.00
FDS2424S16	316 Stainless Steel	24.00	24.00

Pole Mounting Kit

PJ/PJU - Non Metallic Series

Features

- Eight sizes cover PJU & PJ up to 30x24
- Adjustable steel band allows mounting on pole diameters up to 15”
- Adaptable pole mounting on round, square and rectangular shapes
- Minimal assembly with fewer parts for installation
- Corrosion protection for long outdoor life

Pole Mount Kit Part Number	Use with PJ Series (including all variations)	Use with PJU Series (including all variations)
PJPOLEMNT6	PJ664, PJ864	PJU664,PJU864
PJPOLEMNT8	PJ864,PJ1084,PJ1086	PJU1084
PJPOLEMNT10	PJ1084,PJ1086, PJ12106	PJU12106
PJPOLEMNT12	PJ12106, PJ14126	PJ14126
PJPOLEMNT14	PJ14126, PJ16148	PJU16148
PJPOLEMNT16	PJ16148, PJ18168, PJ20168	PJU181610, PJU201610
PJPOLEMNT20	PJ242010	-
PJPOLEMNT24	PJ242010, PJ242410, PJ302410	-
PJPOLEMNT30	PJEC363012, PJW363014, PJW483610, PJW483614, PJW603610, PJW603614	-

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Pole Mounting Kit

Junction and Wallmount Style - Steel

Features

- Designed to mount outdoor rated enclosures - Hammond 1414N4, Eclipse, Eclipse Junior and 1418N4 Series
- Individual components allow user to choose mounting configuration and/or components to purchase
  - Note: Eclipse Series enclosures require use of external Eclipse Mounting Foot Kit (sold separately)
- This pole mount kit is a 2 or 3 part system.

Choose Vertical Channel:

- Vertical channel can be lagged directly to pole or attached using optional stainless steel straps
- Vertical channel prevents enclosure from twisting. Can be used on pole diameters from 4” and up

Choose Horizontal Channel:

- Horizontal steel channels (sold in pairs) come with all hardware needed to secure the enclosure

Choose Straps (Optional):

- Stainless steel straps sold separately in quantities of 4
  - PMSTRAP40 straps are rated for 450 lbs each and can be used for pole diameters up to 10”
  - PMSTRAP55 straps are rated for 250 lbs each and can be used for pole diameters up to 15”

Vertical Channel

		Use with Hammond Series			
Part No.	Description	1414N4	Eclipse Junior (EJ)	1418N4	Eclipse (EN4SD)
PMV1216GY	Qty 1 - Vertical Steel Channel	12”-16” encl height	12”-16” encl height	12”-16” encl height	12”-16” encl height
PMV2024GY	Qty 1 - Vertical Steel Channel	-	-	20”-24” encl height	20”-24” encl height
PMV3036GY	Qty 1 - Vertical Steel Channel	-	-	30”-36” encl height	30”-36” encl height
PMV4248GY	Qty 1 - Vertical Steel Channel	-	-	42”-48” encl height	42”-48” encl height

Horizontal Channel

		Use with Hammond Series			
Part No.	Description	1414N4	Eclipse Junior (EJ)	1418N4	Eclipse (EN4SD)
PMH15GY	Qty 2 - Horizontal Steel Channel	12”-16” encl width	12”-16” encl width	12”-20” encl width	12”-16” encl width
PMH25GY	Qty 2 - Horizontal Steel Channel	-	-	24”-30” encl width	20”-24” encl width
PMH35GY	Qty 2 - Horizontal Steel Channel	-	-	36” encl width	30”-36” encl width

Stainless Steel Straps

Part No.	Description
PMSTRAP40	Qty 4 - 0.50” x 39” length 316 stainless strap, supports up to 450 lbs, pole diameters up to 10”
PMSTRAP55	Qty 4 - 0.31” x 55” length 316 stainless strap, supports up to 250 lbs, pole diameters up to 15”

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Flush Covers

CS/CSKO Accessory

Features

- Oversized covers for CS/CSKO Series screw cover junction boxes
- Designed for flush mount installation requirements
- 1.5" taller and wider than standard covers
- Constructed of 16 or 14 gauge steel
- Painted ANSI 61 gray
- Note - Boxes sold separately

	Actual Size		Fits Box Size		Cover
Part No.	L	W	H	W	Gauge
CSFC66	7.50	7.50	6.00	6.00	16
CSFC86	9.50	7.50	8.00	6.00	16
CSFC88	9.50	9.50	8.00	8.00	16
CSFC108	11.50	9.50	10.00	8.00	16
CSFC1010	11.50	11.50	10.00	10.00	16
CSFC128	13.50	9.50	12.00	8.00	16
CSFC1212	13.50	13.50	12.00	12.00	16
CSFC1616	17.50	17.50	16.00	16.00	16
CSFC1812	19.50	13.50	18.00	12.00	16
CSFC1818	19.50	19.50	18.00	18.00	16
CSFC2418	25.50	19.50	24.00	18.00	14
CSFC2424	25.50	25.50	24.00	24.00	14

Top Hat Cable Modules

Features

- Provides for cable management and slack storage space
- Pre-drilled for simple assembly onto top of freestanding enclosures
- Easily removable front panels
- Sturdy 12 gauge construction
- Provides Type 4, 12 and 3R protection
- Painted ANSI 61 gray

					Cover Plate Openings		Cutout Opening	
Part #	A	B	C	Gauge	D	E	F	G
HTH124818	12.00	48.06	18.06	12	8.50	20.53	14.06	39.06
HTH124820	12.00	48.06	20.06	12	8.50	20.53	16.06	39.06
HTH124824	12.00	48.06	24.06	12	8.50	20.53	20.06	39.06
HTH126018	12.00	60.06	18.06	12	8.50	26.53	14.06	51.06
HTH126020	12.00	60.06	20.06	12	8.50	26.53	16.06	51.06
HTH126024	12.00	60.06	24.06	12	8.50	26.53	20.06	51.06
HTH126036	12.00	60.06	36.06	12	8.50	26.53	32.06	51.06
HTH127218	12.00	72.06	18.06	12	8.50	32.53	14.06	63.06
HTH127220	12.00	72.06	20.06	12	8.50	32.53	16.06	63.06
HTH127224	12.00	72.06	24.06	12	8.50	32.53	20.06	63.06
HTH127236	12.00	72.06	36.06	12	8.50	32.53	32.06	63.06

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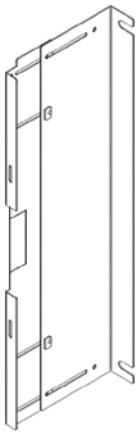
Barrier Kits for Type 4 Wallmount



Features

- Barrier kits are designed to provide 2 vertical sections within 2 door, Type 4 enclosures.
- For use with HN4WM Series.
- For application example, can provide separation between power and control sections within one cabinet.
- Does NOT provide complete physical separation as there is space above and below the barrier to run wiring.
- Depth mounted - bolted to the inner panel at rear and the center post at front.
- Panels are steel and painted white.
- Mounting hardware included.

Part No.	Description
BKWM2408	For use with 24H x 8D
BKWM3010	For use with 30H x 10D
BKWM3612	For use with 36H x 12D
BKWM4212	For use with 42H x 12D
BKWM4812	For use with 48H x 12D

Barrier Kits for Type 4 Floormount

Features

- Barrier kits are designed to provide 2 vertical sections within 2 door, Type 4 enclosures.
- For use with HN4FM Series and 1422N4 Series.
- For application example, can provide separation between power and control sections within one cabinet.
- Does NOT provide complete physical separation as there is space above and below the barrier to run wiring.
- Depth mounted - bolted to the inner panel at rear and the center post at front.
- Certain sizes are depth adjustable
- Panels are steel and painted white.
- Mounting hardware included.

Part No.	Description
BKFM6012	For use with 60H x 10/12D
BKFM6018	For use with 60H x 18D
BKFM7218	For use with 72H x 12/18D
BKFM7224	For use with 72H x 24D

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Corrosion Inhibitors

Cortec VpCI-101
Impregnated Foam Device

Cortec VpCI-105
Plastic Emitter

Cortec VpCI-170 Impregnated
Foam Tape

Cortec VpCI-111
Plastic Emitter

Emitter Devices

- Emitters are designed to protect electrical and electronic components within non-ventilated enclosures.
- These products emit a vapor into the interior of the enclosure which deposits on the metal surfaces forming a protective molecular layer. This layer provides multi-metal protection and helps reduce corrosion in the enclosure.

HVPCI-101 Pads

- Patented VpCI impregnated foam affixed via self adhesive backing.
- Provides protection for 1 cubic foot of enclosed space
- Sold in carton of 50 pads
- Full technical details available on separate data sheet

HVPCI-105 Cups

- Cup with one way Tyveck release membrane affixed via self adhesive.
- Provides protection for 5 cubic feet of enclosed space.
- Sold in carton of 20 cups
- Full technical details available on separate data sheet

HPVCI-111 Cups

- Cup with one way Tyveck release membrane affixed via self adhesive.
- Provides protection for 11 cubic feet of enclosed space.
- Sold in carton of 10 cups
- Full technical details available on separate data sheet

HVPCI-150 Tape

- VpCI impregnated foam tape affixed via self adhesive backing.
- Each linear inch of tape provides protection for 0.4 cubic foot of enclosed space
- Sold in carton of 6 x 12 foot rolls
- Full technical details available on separate data sheet

HVPCI-170 Tape

- VpCI impregnated foam tape affixed via self adhesive backing.
- Each linear inch of tape provides protection for 1 cubic foot of enclosed space
- Sold in carton of 1 x 20 foot roll
- Full technical details available on separate data sheet

Spray

- Instant corrosion/oxidation protection without CFC's.
- Displaces moisture and is anti-static.
- Up to 2 year indoor protection.
- Sold in carton of 6 cans.
- Full technical details available on separate data sheet

Part No.	Description
HVPCI-101	Pad 3.0"x1.25"x0.25" - Package of 50
HVPCI-105	Cup 2.25" Dia x 0.75" - Package of 20
HVPCI-111	Cup 2.25" Dia x 1.27" - Package of 10
HVPCI-150	Tape 12' roll x 0.75" x 0.25" - Package of 6 rolls
HVPCI-170	Tape 20' roll x 2.0" x 0.25" - Single Roll
HVPCI-238	Spray - Package of 6 cans

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E7 Catalog Format

With extensive user availability to web resources, the content of this E7 catalog has been streamlined to show critical buying information. Detailed dimensional drawings can now easily be accessed at **www.hammondmfg.com** ensuring you always see the most current data.

Please see the illustration below highlighting this catalog's key layout features.

HAMMOND MANUFACTURING
www.hammondmfg.com

Type 12 Mild Steel Junction Box *1414 Series*

Lift-Off Cover with Clamps

1. Web shortcut
2. Accessory page reference and PDF version weblink
3. PDF version - Part # links to detailed dimensions and CAD drawings
4. Simplified dimensions table

Always look for this symbol as some enclosures already include an inner panel.

Quick Link: hammfg.com/1414 (1)

Application
- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards
- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

Construction
- Body formed from 16 gauge or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Lift off cover is secured with stainless steel clamps and plated steel screws and retained with a plated chain when open.
- Seamless poured-in place gasket.
- Models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish
- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating.
- Removable inner panel is finished in white powder coating.

Accessories
- Additional Inner Panels [304]
- Terminal Kit Assemblies [310]
- Swing Panel Kit [309]
- Door Clamping Hardware [287]
- Climate Control [36]
- General Accessories [41]

(2)

(4)

Part No.	Enclosure H	Enclosure W	Enclosure D	Panel H	Panel W
1414A	4.00	4.00	3.00	-	-
1414C	6.00	4.00	3.00	4.88	2.88
1414G	8.00	6.00	3.50	6.75	4.88
1414A4	4.00	4.00	4.00	-	-
1414C4	6.00	4.00	4.00	4.88	2.88
1414E	6.00	6.00	4.00	4.88	4.88
1414I	10.00	8.00	4.00	8.75	6.88
1414K	12.00	10.00	5.00	10.75	8.88
1414M6	14.00	12.00	6.00	12.75	10.88
1414O6	16.00	14.00	6.00	14.75	12.88
1414M8	14.00	12.00	8.00	12.75	10.88
1414O10	16.00	14.00	10.00	14.75	12.88

(3)

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Mild Steel Enclosures (Type 12, 4) Junction Boxes

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All dimensions in inches unless specified otherwise

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