








## Mild Steel Enclosures (Type 12, 4)

Mild Steel Enclosures (Type 12, 4)

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All dimensions in inches unless specified otherwise

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## Mild Steel Enclosures (Type 12, 4)

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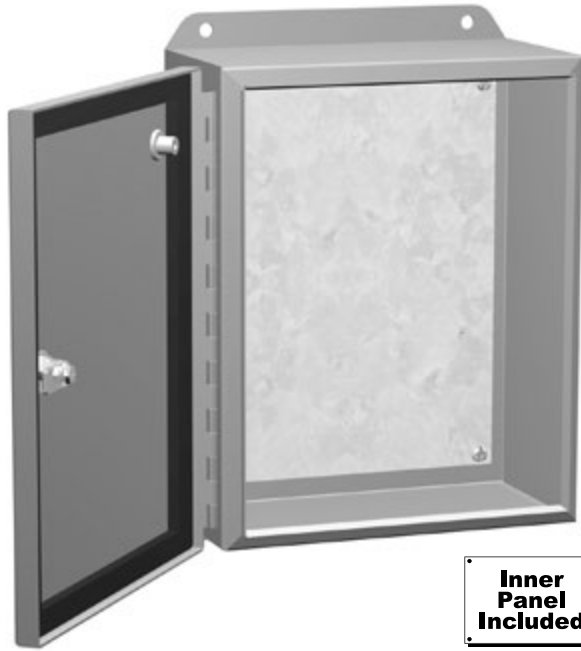
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## Type 4 Mild Steel Junction Box *Eclipse Junior Series*

Continuous Hinge Door with Quarter Turn



**Inner  
Panel  
Included**

Quick Link: [hammfg.com/EJ](http://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.

- 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 294*
- Swing Panel Kit...*See Page 302*
- Terminal Kit Assemblies...*See Page 302*
- Padlock Adaptor...*See Page 286*
- Quarter Turn Assemblies...*See Page 287*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

ANSI 61 Gray Part No.	RAL 7035 Light Gray Part No.	Enclosure			Panel	
		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](http://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 294*
- Terminal Kit Assemblies...*See Page 302*
- Swing Panel Kit...*See Page 302*
- Door Clamping Hardware...*See Page 282*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

Part No.	Enclosure			Panel	
	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](http://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 294*
- Terminal Kit Assemblies...*See Page 302*
- Swing Panel Kit...*See Page 302*
- Door Clamping Hardware...*See Page 282*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

Part No.	Enclosure			Panel	
	H	W	D	H	W
1414N4A <sup>1</sup>	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

<sup>1</sup> Panel not included

Mild Steel Enclosures (Type 12, 4) Junction Boxes

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

## Lift-Off Cover with Clamps



Quick Link: [hammfg.com/HJ](http://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 294*
- Terminal Kit Assemblies...*See Page 302*
- Swing Panel Kit...*See Page 302*
- Door Clamping Hardware...*See Page 282*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

Part No.	Enclosure			Optional Inner Panel		
	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.

Mild Steel Enclosures (Type 12, 4) Junction Boxes

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## Type 12 Mild Steel Junction Box 1414 PH Series

Continuous Hinge Door with Clamps

Mild Steel Enclosures (Type 12, 4) Junction Boxes



Quick Link: [hammfg.com/1414PH](http://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 294
- Terminal Kit Assemblies...See Page 302
- Swing Panel Kit...See Page 302
- Door Clamping Hardware...See Page 282
- Junction Box Quick Release Clamp...See Page 282
- Climate Control...See Page 244
- Junction Box Padlock Kit...See Page 282
- General Accessories...See Page 281

Part No.	Enclosure			Panel	
	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](http://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 294*
- Terminal Kit Assemblies...*See Page 302*
- Swing Panel Kit...*See Page 302*
- Door Clamping Hardware...*See Page 282*
- Junction Box Quick Release Clamp...*See Page 282*
- Junction Box Padlock Kit...*See Page 282*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

Part No.	Enclosure			Panel	
	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



### Finish

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

### Accessories

- Additional Inner Panels...*See Page 294*
- Terminal Kit Assemblies...*See Page 302*
- Swing Panel Kit...*See Page 302*
- Door Clamping Hardware...*See Page 282*
- Junction Box Quick Release Clamp...*See Page 282*
- Junction Box Padlock Kit...*See Page 282*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

Part No.	Enclosure			Optional Mounting Panel		
	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.

Quick Link: [hammfg.com/HJH](http://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.

Mild Steel Enclosures (Type 12, 4) Junction Boxes

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## Type 12 Mild Steel Junction Box 1414 SC Series

Lift-Off Cover with Screws



Quick Link: [hammfg.com/1414SC](http://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 294*
- Terminal Kit Assemblies...*See Page 302*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

Part No.	Enclosure			Panel	
	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

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

Lift-Off Cover with Screws



### Standard Depth Series (1436)

Part No.	Enclosure		
	H	W	D
1436A <sup>1</sup>	3.50	3.25	2.75
1436B <sup>1</sup>	5.75	3.25	2.75
1436C <sup>1</sup>	8.00	3.25	2.75
1436D <sup>1</sup>	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

<sup>1</sup> Not hinged

### Extra Deep Series (1438)

Part No.	Enclosure		
	H	W	D
1438A <sup>1</sup>	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

<sup>1</sup> Not hinged

Quick Link: [hammfg.com/1436-8](http://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 281

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# Type 12 Mild Steel Wallmount Enclosure 1418J Series

Continuous Hinge Door with Screws



Quick Link: [hammfg.com/1418J](http://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 295*
- Swing Panel Kit...*See Page 302*
- Climate Control...*See Page 244*
- General Accessories...*See Page 281*

Part No.	Enclosure			Panel	
	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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All dimensions in inches unless specified otherwise

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# Type 4 Mild Steel Wallmount Enclosure *Eclipse Series*

Hinge Door with Quarter Turn/Handle



Quick Link: [hammfg.com/EN4SD](http://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
  - Mounting foot kit required to maintain UL/CSA external mounting requirements.
- Complies with
  - IEC 60529, IP66
  - NEMA Type 3R, 4, and 12

## 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.
- Door swing can be reversed - requires ordering adapter kit EHLLSAK (for EN4SD72\* enclosures, 2 adapter kits required).

## 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 296*
- Swing Panel...*See Page 304*
- Swing Frame...*See Page 305*
- Eclipse Rack Panel...*See Page 305*
- DIN Rail Mounting Kit...*See Page 290*
- DIN Rails...*See Page 290*
- Door Stop Kit...*See Page 320*
- Mounting Foot Kit...*See Page 291*
- Rear Hole Plugs...*See Page 291*
- Drip Shield Kit...*See Page 319*
- Quarter Turn Inserts and Keys...*See Page 287*
- Quarter Turn Assemblies...*See Page 287*
- Padlock Adaptor...*See Page 286*
- Handles...*See Page 290*
- Replacement Hinge Pins...*See Page 288*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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	18.20	10.20

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## Type 4 Mild Steel Wallmount Enclosure *Eclipse Series*

### Hinge Door with Quarter Turn/Handle

ANSI 61 Gray Part No.	RAL 7035 Light Gray Part No.	Enclosure			Latch Type	Optional Inner Panel		
		H	W	D		Part No.	H	W
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
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

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## Type 4 Mild Steel Wallmount Enclosure *Eclipse Series*

### Hinge Door with Quarter Turn/Handle

Mild Steel Enclosures (Type 12, 4) Wallmount Enclosures

ANSI 61 Gray Part No.	RAL 7035 Light Gray Part No.	Enclosure			Latch Type	Optional Inner Panel		
		H	W	D		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
EN4SD422412GY	EN4SD422412LG	42.00	24.00	12.00	B	EP4224	40.20	22.20
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
EN4SD422416GY	EN4SD422416LG	42.00	24.00	16.00	B	EP4224	40.20	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 | Distributed by **Gross Automation** | +1 (262) 252-1600 | [sales@grossautomation.com](mailto:sales@grossautomation.com)

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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](http://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<sup>1</sup>
- 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 296*
- DIN Rail Mounting Kit...*See Page 290*
- DIN Rails...*See Page 290*
- Door Stop Kit...*See Page 320*
- Mounting Foot Kit...*See Page 291*
- Rear Hole Plugs...*See Page 291*
- Drip Shield Kit...*See Page 319*
- Handles...*See Page 290*
- Replacement Hinge Pins...*See Page 288*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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 <sup>1</sup>	EN4TD484812LG <sup>1</sup>	48.00	48.00	12.00	EP4848	46.20	46.20		

<sup>1</sup> 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](http://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 296*
- Swing Panel...*See Page 304*
- Swing Frame...*See Page 305*
- Eclipse Rack Panel...*See Page 305*
- DIN Rail Mounting Kit...*See Page 290*
- DIN Rails...*See Page 290*
- Door Stop Kit...*See Page 320*
- Mounting Foot Kit...*See Page 291*
- Rear Hole Plugs...*See Page 291*
- Drip Shield Kit...*See Page 319*
- Quarter Turn Assemblies...*See Page 287*
- Quarter Turn Inserts and Keys...*See Page 287*
- Padlock Adaptor...*See Page 286*
- Handles...*See Page 290*
- Replacement Hinge Pins...*See Page 288*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Mild Steel Enclosures (Type 12, 4)

Wallmount Enclosures

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

### Hinge Door with Quarter Turn

ANSI 61 Gray Part No.	RAL7035 Light Gray Part No.	Enclosure			Optional Inner Panel		
		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

<sup>1</sup> All Window Door latch types are quarter turns. Alternative inner panel options also available.

Mild Steel Enclosures (Type 12, 4) Wallmount Enclosures

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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](http://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 296*
- Swing Panel...*See Page 304*
- Swing Frame...*See Page 305*
- DIN Rail Mounting Kit...*See Page 290*
- DIN Rails...*See Page 290*
- Door Stop Kit...*See Page 320*
- Mounting Foot Kit...*See Page 291*
- Rear Hole Plugs...*See Page 291*
- Drip Shield Kit...*See Page 319*
- Quarter Turn Assemblies...*See Page 287*
- Quarter Turn Inserts and Keys...*See Page 287*
- Padlock Adaptor...*See Page 286*
- Handles...*See Page 290*
- Replacement Hinge Pins...*See Page 288*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Mild Steel Enclosures (Type 12, 4) Wallmount Enclosures

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

### Hinge Door with Quarter Turn

Part No.	Enclosure				Latch Type	Optional Inner Panel		
	H1	H2	W	D		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.

Mild Steel Enclosures (Type 12, 4) Wallmount Enclosures

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## Type 12 Mild Steel Wallmount Enclosure *1418 Series*

Continuous Hinge Door with Clamps

Mild Steel Enclosures (Type 12, 4) Wallmount Enclosures



Quick Link: [hammfg.com/1418](http://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 295*
- Perforated Inner Panels...*See Page 299*
- Swing Panel Kit...*See Page 302*
- Door Stop Kit...*See Page 320*
- Door Clamping Hardware...*See Page 282*
- Wallmount Quick Release Clamp...*See Page 283*
- Lock kit...*See Page 285*
- Floor Stand Kit...*See Page 320*
- Enclosure Stabilizers...*See Page 322*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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All dimensions in inches unless specified otherwise

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# Type 12 Mild Steel Wallmount Enclosure *1418 Series*

## Continuous Hinge Door with Clamps

Part No.	Enclosure			Panel	
	H	W	D	H	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
1418E10	24.00	20.00	10.00	21.00	17.00

Part No.	Enclosure			Panel	
	H	W	D	H	W
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

Mild Steel Enclosures (Type 12, 4) Wallmount Enclosures

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## Type 4 Mild Steel Wallmount Enclosure *1418 N4 Series*

Continuous Hinge Door with Clamps

Mild Steel Enclosures (Type 12, 4)

Wallmount Enclosures



Quick Link: [hammfg.com/1418N4](http://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 295*
- Perforated Inner Panels...*See Page 299*
- Swing Panel Kit...*See Page 302*
- Door Stop Kit...*See Page 320*
- Door Clamping Hardware...*See Page 282*
- Wallmount Quick Release Clamp...*See Page 283*
- Lock kit...*See Page 285*
- Drip Shield Kit...*See Page 319*
- Floor Stand Kit...*See Page 320*
- Window Kits...*See Page 308*
- Enclosure Stabilizers...*See Page 322*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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## Type 4 Mild Steel Wallmount Enclosure *1418 N4 Series*

Continuous Hinge Door with Clamps

Part No.	Enclosure			Panel	
	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

Mild Steel Enclosures (Type 12, 4) Wallmount Enclosures



**Inner Panel Included**

Quick Link: [hammfg.com/1422](http://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 295*
- Door Stop Kit...*See Page 320*
- Enclosure Stabilizers...*See Page 322*
- Floor Stand Kit...*See Page 320*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Part No.	Enclosure			Panel	
	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

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# Type 4 Mild Steel Wallmount Enclosure *HWHK Series*

## Hinge Door with Handle



Quick Link: [hammfg.com/HWHK](http://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 295*
- Perforated Inner Panels...*See Page 299*
- Swing Panel Kit...*See Page 302*
- Door Stop Kit...*See Page 320*
- Type 12/4, 4X Handle Kits...*See Page 284*
- Drip Shield Kit...*See Page 319*
- Enclosure Stabilizers...*See Page 322*
- Floor Stand Kit...*See Page 320*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Part No.	Overall Dimensions			Optional Inner Panel		
	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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# Type 4 Two Door Wallmount Enclosure *HN4 WM Series*

## Continuous Hinge Door with Handle



Quick Link: [hammfg.com/HN4WM](http://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 294*
- Door Stop Kit...*See Page 320*
- Barrier Kits for Type 4 Wallmount...*See Page 327*
- Type 12/4, 4X Handle Kits...*See Page 284*
- Drip Shield Kit...*See Page 319*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Part Number	Enclosure			Inner Panel	
	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

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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](http://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 297*
- Door Stop Kit...*See Page 320*
- Enclosure Stabilizers...*See Page 322*
- Floor Stand Kit...*See Page 320*
- Top Hat Cable Modules...*See Page 326*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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		

Mild Steel Enclosures (Type 12, 4) Floormount Enclosures

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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

Mild Steel Enclosures (Type 12, 4)

Floormount Enclosures



Quick Link: [hammfg.com/1422N4FM](http://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 297*
- Door Stop Kit...*See Page 320*
- Barrier Kits for Type 4 Floormount...*See Page 327*
- Drip Shield Kit...*See Page 319*
- Enclosure Stabilizers...*See Page 322*
- Climate Control...*See Page 244*
- Window Kits...*See Page 308*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

w/ Feet Part No.	Enclosure			Panel	
	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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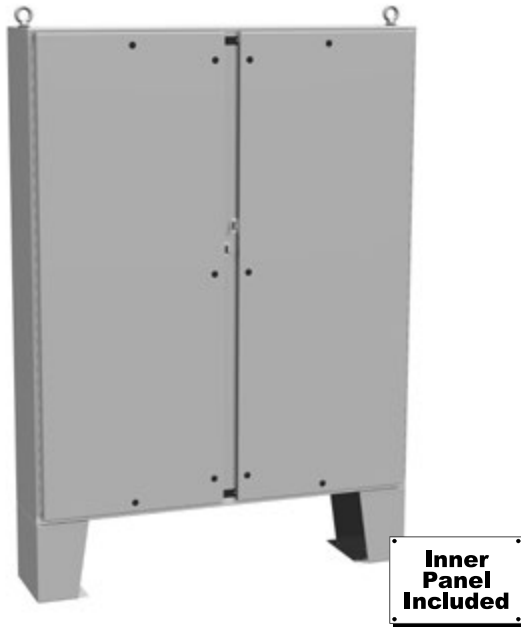
Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise

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

Continuous Hinge Door with Quarter Turn



Quick Link: [hammfg.com/1422N4FMQT](http://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 297*
- Door Stop Kit...*See Page 320*
- Barrier Kits for Type 4 Floormount...*See Page 327*
- Drip Shield Kit...*See Page 319*
- Enclosure Stabilizers...*See Page 322*
- Climate Control...*See Page 244*
- Window Kits...*See Page 308*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Part No.	Enclosure			Panel	
	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

Mild Steel Enclosures (Type 12, 4) Floormount Enclosures

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All dimensions in inches unless specified otherwise

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

Continuous Hinge Door with Handle

Mild Steel Enclosures (Type 12, 4)

Floormount Enclosures



Quick Link: [hammfg.com/HN4FM](http://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 297*
- Door Stop Kit...*See Page 320*
- Barrier Kits for Type 4 Floormount...*See Page 327*
- Mechanical Interlock...*See Page 294*
- Drip Shield Kit...*See Page 319*
- Top Hat Cable Modules...*See Page 326*
- Enclosure Stabilizers...*See Page 322*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Part No.	Enclosure			Inner Panel	
	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](http://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 300*
- Panel Rails...*See Page 307*
- Swing Out Frames...*See Page 306*
- Door Stop Kit...*See Page 320*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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# Type 12 Mild Steel Freestanding Enclosure *1418 FS Series*

Continuous Hinge Door with Handle

## Single Access

Part No.	Enclosure			Optional
	H	W	D	Full Panel <sup>1</sup>
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	90YFW
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

<sup>1</sup> Refers to optional full height/full width panels. Depth panels/ half height width panels are also available

## Dual Access

Part No.	Enclosure			Optional
	H	W	D	Full Panel <sup>1</sup>
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	30.06	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

<sup>1</sup> 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

Mild Steel Enclosures (Type 12, 4)

Freestanding Enclosures

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

## Continuous Hinge Door with Clamps



Quick Link: [hammfg.com/1418N4FS](http://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 300*
- Panel Rails...*See Page 307*
- Swing Out Frames...*See Page 306*
- Door Stop Kit...*See Page 320*
- Drip Shield Kit...*See Page 319*
- Floor Stand Kit...*See Page 320*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Part No.	Enclosure			Optional
	H	W	D	Full Panel <sup>1</sup>
<b>1418N4W18</b>	72.06	25.06	18.06	72WFW
<b>1418N4X24</b>	72.06	31.06	24.06	72XFW
<b>1418N4Y24</b>	72.06	37.06	24.06	72YFW

<sup>1</sup> Refers to optional full height/full width panels. Depth panels/half height width panels are also available

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All dimensions in inches unless specified otherwise

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

Continuous Hinge Door with Quarter Turn

Mild Steel Enclosures (Type 12, 4) Freestanding Enclosures



Quick Link: [hammfg.com/1418N4FSQT](http://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 300*
- Panel Rails...*See Page 307*
- Swing Out Frames...*See Page 306*
- Door Stop Kit...*See Page 320*
- Drip Shield Kit...*See Page 319*
- Floor Stand Kit...*See Page 320*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

Part No.	Enclosure			Optional
	H	W	D	Full Panel <sup>1</sup>
1418N4W18QT	72.06	25.06	18.06	72WFW
1418N4X24QT	72.06	31.06	24.06	72XFW
1418N4Y24QT	72.06	37.06	24.06	72YFW

<sup>1</sup> 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](http://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 300*
- Panel Rails...*See Page 307*
- Swing Out Frames...*See Page 306*
- Door Stop Kit...*See Page 320*
- Drip Shield Kit...*See Page 319*
- Floor Stand Kit...*See Page 320*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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

<sup>1</sup> Refers to optional full height/full width panels. Depth panels/half height width panels are also available

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All dimensions in inches unless specified otherwise

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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](http://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 **300**
- Center Panel Supports...See Page **306**
- Panel Rails...See Page **307**
- Swing Out Frames...See Page **306**
- Door Stop Kit...See Page **320**
- Top Hat Cable Modules...See Page **326**
- Climate Control...See Page **244**
- Window Kits...See Page **308**
- Lighting...See Page **312**
- General Accessories...See Page **281**

## Single Access

Enclosure				
Part No.	H	W	D	Optional Full Panel <sup>1</sup>
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	90BFWF
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

<sup>1</sup> Refers to optional full height/full width panels. Depth panels/half height width panels are also available

## Dual Access

Enclosure				
Part No.	H	W	D	Optional Full Panel <sup>1</sup>
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

<sup>1</sup> Refers to optional full height/full width panels. Depth panels/half height width panels are also available

Mild Steel Enclosures (Type 12, 4) Freestanding Enclosures

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Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise

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# Type 4 Two Door Freestanding Enclosure *HN4 FSTD Series*

Continuous Hinge Door with Handle



Quick Link: [hammfg.com/HN4FSTD](http://hammfg.com/HN4FSTD)

## 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.

## Construction

- Formed 12 gauge 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.
- Dual Access versions have doors front and back.
- 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 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 300*
- Center Panel Supports...*See Page 306*
- Panel Rails...*See Page 307*
- Swing Out Frames...*See Page 306*
- Door Stop Kit...*See Page 320*
- Top Hat Cable Modules...*See Page 326*
- Drip Shield Kit...*See Page 319*
- Type 12/4, 4X Handle Kits...*See Page 284*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

## Single Access

Part No.	Enclosure			Optional Full Panel <sup>1</sup>
	H	W	D	
HN4FS604818	60.00	48.00	18.00	60AWFW
HN4FS724818	72.00	48.00	18.00	72ZWFW
HN4FS726018	72.00	60.00	18.00	72ZXFW
HN4FS727218	72.00	72.00	18.00	72ZYFW
HN4FS904820	90.00	48.00	20.00	90BFWF
HN4FS907220	90.00	72.00	20.00	90BYFW
HN4FS724824	72.00	48.00	24.00	72ZWFW
HN4FS726024	72.00	60.00	24.00	72ZXFW
HN4FS727224	72.00	72.00	24.00	72ZYFW
HN4FS907224	90.00	72.00	24.00	90BYFW
HN4FS726036	72.00	60.00	36.00	72ZXFW
HN4FS907236	90.00	72.00	36.00	90BYFW

<sup>1</sup> Refers to optional full height/full width panels. Depth panels/half height width panels are also available

## Dual Access

Part No.	Enclosure			Optional Full Panel <sup>1</sup>
	H	W	D	
HN4FS724824DA	72.00	48.00	24.00	72ZWFW
HN4FS726024DA	72.00	60.00	24.00	72ZXFW
HN4FS727224DA	72.00	72.00	24.00	72ZYFW
HN4FS907224DA	90.00	72.00	24.00	90BYFW
HN4FS726036DA	72.00	60.00	36.00	72ZXFW

<sup>1</sup> Refers to optional full height/full width panels. Depth panels/half height width panels are also available

Mild Steel Enclosures (Type 12, 4) Freestanding Enclosures

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

Continuous Hinge Door with Handle

Mild Steel Enclosures (Type 12, 4)

Freestanding Enclosures



Quick Link: [hammfg.com/1422MD](http://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 320*
- Floor Stand Kit...*See Page 320*
- Window Kits...*See Page 308*
- Climate Control...*See Page 244*
- Lighting...*See Page 312*
- General Accessories...*See Page 281*

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

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