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Eclipse Junior Series - NEMA 4, 12, 13
Single Door Enclosures

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 508 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 in recoatable smooth ANSI 61 gray powder coating.
• Inner panels are unpainted galvanized steel.

Accessories
• Additional inner panels...see page 436
• Breather kits...see page 400-401
• Filter fans...see page 371-384
• Louvered ventilating plates...see page 402
• Padlocking Adapter...see page 435
• Terminal kit assemblies...see page 441
• Thermostats...see page 397
• Wing knob lock...see page 435
• Swing panel...see page 440

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
Eclipse Junior Series - NEMA 4, 12, 13
Single Door Enclosures

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

All dimensions in inches unless specified otherwise.
1414 Series Enclosures - NEMA 12, 13
Clamped, Lift Off Cover

**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 508 Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - JIC EGP-1-1967 unless marked
  - 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 436
- Breather kits...see page 400-401
- Door clamping hardware...see page 429
- Filter fans...see page 371-384
- Heaters...see page 393-396
- Louvered ventilating plates...see page 402
- Terminal kit assemblies...see page 441
- Thermostats...see page 397
- Swing panel...see page 440
### 1414 Series Enclosures - NEMA 12, 13

**Clamped, Lift Off Cover**

![Front View](image1)

![Side View](image2)

![Bottom View](image3)

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

**Part No.** | Dimensions | Panel Size | Centers | Cover Dimensions | Ship Wt. Lbs.  
---|---|---|---|---|---  
1414A²  | 4.0 4.0 3.0 — — — | | | 4.75 2.00 2.64 5.50 1.31 | 4.31 4.31 1.50 3.00 — — — 2  
1414C³  | 6.0 4.0 3.0 4.88 2.88 2.51 6.75 2.00 2.64 7.50 1.31 6.31 4.31 1.50 3.00 0.31 0.56 0.56 3  
1414G  | 8.0 6.0 3.5 6.75 4.88 3.01 8.75 4.00 3.14 9.50 2.88 8.31 6.31 2.50 5.00 0.25 0.63 0.56 7  
1414A4  | 4.0 4.0 4.0 — — — | | | 4.75 2.00 3.64 5.50 1.31 4.31 4.31 1.50 3.00 — — — 3  
1414C4  | 6.0 4.0 4.0 4.88 2.88 3.51 6.75 2.00 3.64 7.50 1.31 6.31 4.31 1.50 3.00 0.31 0.56 0.56 4  
1414E  | 6.0 6.0 4.0 4.88 4.88 3.51 6.75 4.00 3.64 7.50 2.88 6.31 6.31 2.50 5.00 0.31 0.56 0.56 5  
1414I  | 10.0 8.0 4.0 8.75 6.88 3.51 10.75 6.00 3.64 11.50 4.00 10.31 8.31 1.00 7.00 0.25 0.63 0.56 10  
1414K  | 12.0 10.0 5.0 10.75 8.88 4.51 12.75 8.00 4.64 13.50 6.00 12.31 10.31 1.00 9.00 0.25 0.63 0.56 13  
1414M6  | 14.0 12.0 6.0 12.75 10.88 5.51 14.75 10.00 5.64 15.50 8.00 14.31 12.31 1.00 11.00 0.25 0.63 0.56 19  
1414O6  | 16.0 14.0 6.0 14.75 12.88 5.51 16.75 12.00 5.64 17.50 10.00 16.31 14.31 1.00 13.00 0.25 0.63 0.56 23  
1414M8  | 14.0 12.0 8.0 12.75 10.88 7.51 14.75 10.00 7.64 15.50 8.00 14.31 12.31 1.00 11.00 0.25 0.63 0.56 20  
1414O10  | 16.0 14.0 10.0 14.75 12.88 9.51 16.75 12.00 9.64 17.50 10.00 16.31 14.31 1.00 13.00 0.25 0.63 0.56 25  
²Does not meet JIC requirements

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Data Subject to change without notice
1414 N4 Series Enclosures - NEMA 4, 12, 13
Clamped, Lift Off Cover

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 508 Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, and 12
  - JIC EGP-1-1967
  - 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.
- 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 436
- Breather kits...see page 400-401
- Door clamping hardware ...see page 429
- Filter fans...see page 371-384
- Heaters...see page 393-396
- Louvered ventilating plates ...see page 402
- Terminal kit assemblies ...see page 441
- Thermostats...see page 397
- Swing panel...see page 440
1414 N4 Series Enclosures - NEMA 4, 12, 13
Clamped, Lift Off Cover

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise

Panel Dimensions

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USA: 716.630.7030
Data Subject to change without notice
**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 508 Type 12, 13
- CSA Type 12, 13
- Complies with
  - NEMA Type 12 and 13
  - JIC EGP-1-1967 unless marked
  - 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 436
- Breather kits...see page 400-401
- Door clamping hardware...see page 429
- Filter fans...see page 371-384
- Heaters...see page 393-396
- Louvered ventilating plates...see page 402
- Terminal kit assemblies...see page 441
- Thermostats...see page 397
- Swing panel...see page 440

Internal Panel Included

Technical references and CAD downloads available at www.hammondmfg.com  All dimensions in inches unless specified otherwise

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1414 PH Series Enclosures - NEMA 12, 13
Continuous Hinge, Clamped Cover

Part No. | Part No. Without Inner Panel | Panel Size | Cover Dimensions | Ship wt. w/Pnl | Ship wt. n/Pnl
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— | 1414PHA1 | — | — | — | —
1414PHC1 | 1414PHCLP1 | 4 6 3.0 2.51 6.75 2 2.64 7.5 6.31 4.31 2.5 3 .31 .56 .56 3 2
1414PHG | 1414PHGLP | 8 6 3.5 6.75 3.01 8.75 4 3.14 9.5 8.31 6.31 1.0 5 .31 .25 .63 .56 6 5
1414PHRG | 1414PHRGLP | 6 8 3.5 6.88 6.75 3.01 6.75 4 3.14 9.5 6.31 8.31 2.5 7 .25 .31 .63 .63 6 5
— | 1414PHA41 | 4 4 4.0 — 2.64 9.5 4.31 4.31 1.5 3 — — — — 2
1414PHC41 | 1414PHC4LP1 | 6 4 4.0 2.88 3.51 6.75 2 3.64 7.5 6.31 4.31 2.5 3 .31 .56 .63 4 3
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1414PHRI | 1414PHRILP | 8 10 4.0 6.88 3.51 8.75 8 3.64 9.5 8.31 10.31 1.0 9 .25 .31 .56 .63 10 8
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1414PHK | 1414PHKL | 12 10 5.0 10.75 4.51 12.75 8 4.64 13.5 12.31 10.31 1.0 9 .25 .31 .56 .63 10 8
1414PHRK | 1414PHRKL | 10 12 5.0 8.88 4.51 10.75 10 4.64 11.5 10.31 12.31 1.0 11 .25 .31 .56 .63 13 12
1414PHRG6 | 1414PHG6LP | 8 6 6.0 6.75 3.51 8.75 6 3.64 9.5 8.31 6.31 1.0 5 .31 .25 .63 .56 8 7
1414PHI6 | 1414PHI6LP | 10 8 6.0 8.75 3.51 10.75 6 5.64 11.5 10.31 8.31 1.0 7 .31 .25 .63 .56 12 10
1414PHJ6 | 1414PHJ6LP | 10 10 6.0 8.75 3.51 10.75 8 5.64 11.5 10.31 10.31 1.0 9 .25 .31 .56 .63 14 12
1414PHL6 | 1414PHL6LP | 12 12 6.0 10.75 5.51 12.75 10 5.64 13.5 12.31 12.31 1.0 11 .25 .31 .56 .63 17 15
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1414PHO8 | 1414PHO8LP | 16 14 8.0 14.75 7.51 16.75 12 7.64 17.5 16.31 14.31 1.0 10 13 .25 .31 .56 .63 25 22
1414PHO10 | 1414PHO10LP | 16 14 10.0 14.75 8.51 16.75 12 9.64 17.5 16.31 14.31 1.0 13 .25 .31 .56 .63 26 23

1 Does not meet JIC requirements

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

All dimensions in inches unless specified otherwise.

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USA: 716.630.7030
Data Subject to change without notice
1414 N4 PH Series Enclosures - NEMA 4, 12, 13
Continuous Hinge, Clamped Cover

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 508 Type 3R, 4, 12 and 13
• CSA Type 3R, 4, 12 and 13
• Complies with
  • NEMA Type 3R, 4, 12 and 13
  • JIC EGP-1-1967 unless marked
  • 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 436
• Breather kits...see page 400-401
• Door clamping hardware...see page 429
• Filter fans...see page 371-384
• Heaters...see page 393-396
• Louvered ventilating plates...see page 402
• Terminal kit assemblies...see page 441
• Thermostats...see page 397
• Swing panel...see page 440
# 1414 N4 PH Series Enclosures - NEMA 4, 12, 13

## Continuous Hinge, Clamped Cover

### Junction Boxes

**MOUNTING FOOT TYP 4 PLS EXCEPT WHERE B=4" SEE MOUNTING FOOT DETAIL**

**Cover Gasket**

**Panel**

**Body**

**CLAMP BRACKET**

### Ground stud location for 1414N4PHA

### Table

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<th>Part No.</th>
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1. Does not meet JIC requirements

---

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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1414 SC Series Enclosures - NEMA 12, 13
Lift Off, Screw Cover

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 508 Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - JIC EGP-1-1967 unless marked¹
  - 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 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 436
- Breather kits...see page 400-401
- Filter fans...see page 371-384
- Heaters...see page 393-396
- Louvered ventilating plates...see page 402
- Terminal kit assemblies...see page 441
- Thermostats...see page 397
- Swing panel...see page 440

¹Marking identifies models meeting JIC EGP-1-1967 standard.

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

All dimensions in inches unless specified otherwise

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## 1414 SC Series Enclosures - NEMA 12, 13
Lift Off, Screw Cover

### Front View

### Side View

### Bottom View

### Table of Dimensions

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¹ Does not meet JIC requirements

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

All dimensions in inches unless specified otherwise.
1436/1438 Series Junction Boxes - NEMA 12, 13
Lift Off, Screw Cover

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 508 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.
- 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 in the enclosure.

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

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1 Not hinged

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
1436/1438 Series Junction Boxes - NEMA 12, 13
Lift Off, Screw Cover

**Extra Deep Series (1438)**

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¹ Not hinged

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

All dimensions in inches unless specified otherwise
1418J Series - NEMA 12

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 508 Type 12
• Complies with
  • NEMA Type 12
  • JIC EGP-1-1967 unless marked¹
  • IEC 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 in 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 436
• Breather kits...see page 400-401
• Filter fans...see page 371-384
• Heaters...see page 393-396
• Louvered ventilating plates...see page 402
• Terminal kit assemblies...see page 441
• Thermostats...see page 397
• Window kits...see page 449
• Swing panel...see page 440

¹ JIC EGP-1-1967 unless marked is a standard for industrial enclosures that provides protection against falling dirt, dust, oil and water.
### 1418J Series - NEMA 12

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1. Does not meet JIC requirements

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

All dimensions in inches unless specified otherwise

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Data Subject to change without notice
Eclipse Series - NEMA 4, 12
Single Door Enclosures

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 508 Type 3R, 4, and 12
• CSA Type 3R, 4, and 12
• Complies with
  • NEMA Type 3R, 4, and 12
  • IEC 60529, IP66

Construction
• Formed 14 or 16 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 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 latch and multi-point handle (key lockable) are zinc diecast with black epoxy finish.
• Door alignment guide provided on 36” wide enclosures.

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

Accessories
• Air conditioners...see page 349-367
• Blowers...see page 392
• Breather kits...see page 400-401
• DIN rails...see page 30
• DIN rail mounting kit...see page 30
• Door stop kit...see page 453
• Drip shield kit...see page 451
• Filter fans...see page 371-384
• Gland Plates...see page 446
• Heaters...see page 393-396
• Handles...see page 31
• Inner panel...see page 29
• Quarter turn inserts and keys...see page 31
• Literature pocket...see page 456
• Mounting foot kit...see page 31
• Swing frame...see page 30
• Swing panel...see page 29
• Rear Hole Plugs...see page 32
• Replacement hinge pins...see page 29
• Replacement quarter turn assemblies...see page 31
• Thermostats...see page 397
• Touch up paint...see page 455
• UL/CSA approved hardware kit...see page 433
• Padlock Adapter (EPA)...see page 434

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USA: 716.630.7030
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Eclipse Series - NEMA 4, 12
Single Door Enclosures

Front View

- Door stiffener omit top and bottom when A and B are less than 36"
- REFER TO CHART FOR NUMBER OF LATCHES
- Door stiffener omit both sides when A and B are less than 24"
- Bonding stud

Side View

- 1.5 I/S (2.5 WHEN A & B = 36 OR MORE OR WHEN A = 48 & B = 24)
- Grounding stud

SECTION A-A

Refer to part number and dimension chart on next page

Mounting Foot Detail

All dimensions in inches unless specified otherwise
## Eclipse Series - NEMA 4, 12
### Single Door Enclosures

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All dimensions in inches unless specified otherwise
## Eclipse Series - NEMA 4, 12
### Single Door Enclosures

Eclipse Series - NEMA 4, 12
Single Window Door Enclosures

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

Construction
- Formed 14 or 16 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
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- DIN rails...see page 30
- DIN rail mounting kit...see page 30
- Door stop kit...see page 453
- Drip shield kit...see page 451
- Filter fans...see page 371-384
- Gland Plates...see page 446
- Heaters...see page 393-396
- Handles...see page 31
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- Quarter turn inserts and keys...see page 31
- Literature pocket...see page 456
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- Rear Hole Plugs...see page 32
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- Thermostats...see page 397
- Touch up paint...see page 455
- UL/CSA approved hardware kit...see page 433
- Padlock Adapter (EPA)...see page 434

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All dimensions in inches unless specified otherwise
## Eclipse Series - NEMA 4, 12
### Single Window Door Enclosures

### Technical Specifications

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1. All Window Door latch types are quarter turns.

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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
Eclipse Sloped Top Series, NEMA 4, 12
Single Door Enclosures

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

Construction
- Formed 14 or 16 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 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 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
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- DIN rails...see page 30
- DIN rail mounting kit...see page 30
- Door stop kit...see page 453
- Filter fans...see page 371-384
- Gland Plates...see page 446
- Heaters...see page 393-396
- Handles...see page 31
- Inner panel...see page 29
- Quarter turn inserts and keys...see page 31
- Literature pocket...see page 456
- Mounting foot kit...see page 31
- Swing frame...see page 30
- Swing panel...see page 29
- Rear Hole Plugs...see page 32
- Replacement hinge pins...see page 29
- Replacement quarter turn assemblies...see page 31
- Thermostats...see page 397
- Touch up paint...see page 455
- UL/CSA approved hardware kit...see page 433
- Padlock Adapter (EPA)...see page 434
### Eclipse Sloped Top Series, NEMA 4, 12
### Single Door Enclosures

**Dimensions [in]**

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

All dimensions in inches unless specified otherwise.
Eclipse Series - NEMA 12
Two Door Enclosures

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 508 Type 12, 3R unless marked
• 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
• Air conditioners...see page 349-367
• Blowers...see page 392
• Breather kits...see page 400-401
• DIN rails...see page 30
• DIN rail mounting kit...see page 30
• Door stop kit...see page 453
• Drip shield kit...see page 451
• Filter fans...see page 371-384
• Gland Plates...see page 446
• Heaters...see page 393-396
• Handles...see page 31
• Inner panel...see page 29
• Literature pocket...see page 456
• Rear Hole Plugs...see page 32
• Replacement hinge pins...see page 29
• Thermostats...see page 397
• Touch up paint...see page 455
• UL/CSA approved hardware kit...see page 433
• Window kits...see page 449
## Eclipse Series - NEMA 12
### Two Door Enclosures

**Part No.** (ANSI 61 Gray) | **Part No.** (RAL7035 Light Gray) | **Overall Dimensions** (inches) | **# of Hinges** | **Optional Panel** | **Panel Size** (inches) | **Ship Wt. Lbs**
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EN4TD24428GY | EN4TD24428LG | 24 42 8 20.88 2 | EP2442 | 22.2 40.2 | 80
EN4TD24488GY | EN4TD24488LG | 24 48 8 23.88 2 | EP2448 | 22.2 46.2 | 95
EN4TD30488GY | EN4TD30488LG | 30 48 8 23.88 3 | EP3048 | 28.2 46.2 | 105
EN4TD244210GY | EN4TD244210LG | 24 42 10 20.88 2 | EP2442 | 22.2 40.2 | 85
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EN4TD306010GY | EN4TD306010LG | 30 60 10 29.88 3 | EP3060 | 28.2 58.2 | 145
EN4TD306012GY | EN4TD306012LG | 30 60 12 29.88 3 | EP3060 | 28.2 58.2 | 152
EN4TD364212GY | EN4TD364212LG | 36 42 12 20.88 3 | EP3642 | 34.2 42.2 | 121
EN4TD364812GY | EN4TD364812LG | 36 48 12 23.88 3 | EP3648 | 34.2 46.2 | 135
EN4TD366012GY | EN4TD366012LG | 36 60 12 29.88 3 | EP3660 | 34.2 58.2 | 165
EN4TD484812GY1 | EN4TD484812LG1 | 48 48 12 23.88 4 | EP4848 | 46.2 46.2 | 165

1 Approved to CSA/CSAus Type 12, 3R only

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

All dimensions in inches unless specified otherwise
Eclipse Series - NEMA 4, 12

Accessories

Eclipse Inner Panel
- Larger than standard NEMA panel used in same sized enclosure.
- 12 gauge steel construction (see chart, below).
- Larger sizes have 2 or 4 formed flanges for added strength.

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<td>34.2</td>
<td>12</td>
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</tbody>
</table>

Eclipse Swing Panel
- Hinged panel allows access to internally mounted equipment.
- 12 gauge steel construction.
- Slotted quarter turn latches provide closure.
- Adding optional locking quarter turn latches (Part Number EQTRL...see page 31) convert this to a dead front panel.
- Complete with 4-6” depth adjustment channels.
- Hardware kit maintains UL, CSA and NEMA ratings when field installed.
- Finished in white.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits Enclosure Size (A x B)</th>
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<tbody>
<tr>
<td>ESP1212</td>
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<td>ESP4836</td>
<td>48 x 36</td>
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<tr>
<td>ESP6036</td>
<td>60 x 36</td>
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</table>

Eclipse Replacement Hinge Pins
- These are supplied with enclosure but offered here as replacements should originals be misplaced.
- Packaged in quantities of 5.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Material</th>
</tr>
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<tbody>
<tr>
<td>EPINSS</td>
<td>Stainless steel hinge pin</td>
</tr>
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</table>

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
Eclipse Swing Frame
- Provides 19” rack mounting with full EIA spacing (punched holes).
- Hinges allow easy equipment access.
- Slotted quarter turn latches provide closure.
- Adding optional locking quarter turn latches (EQTRL...see page 31) provides added security.
- Complete with 4-6” depth adjustment channels.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits Enclosure Size (A x B)</th>
<th>Rack Spacing Width (Units)</th>
<th>Height (Units)</th>
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<tbody>
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DIN Rail Mounting Kit
- Field installable.
- Mounts directly to panel collar studs (panel not required).
- Accepts optional DIN rails, see below.
- DIN rails available separately.
- Zinc plated.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
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<tr>
<td>2DMK30</td>
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<td>0.88</td>
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</table>

DIN Rails
- Field installable.
- Includes a set of 3 plated rails.
- Available in 3 industry standard profiles - DIN 1, DIN 3, and CENELEC.
- DIN rail mounting kit required for installation (see above).
- Rails have a 0.28 x 1.25 oblong slot on each end.
- Zinc plated.

<table>
<thead>
<tr>
<th>Asymmetric Din 1 Profile Part No.</th>
<th>Symmetric Din 3 Profile Part No.</th>
<th>Cenelec Profile Part No.</th>
<th>Length</th>
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<td>2DCK12</td>
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<td>2D2K16</td>
<td>2DCK16</td>
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</tbody>
</table>

For sizing, refer to master selection table...see page 20

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

All dimensions in inches unless specified otherwise.
Quarter Turn Inserts and Keys

- Field installable inserts replace standard quarter turn slot.
- Available in 7mm square and triangle formats, as well as slotted.
- Square and triangle inserts provide extra security since standard screwdrivers cannot open.
- Keys sold separately from inserts.
- Maintains NEMA, UL and CSA 12, 4 and 4X ratings.

**Part No.** | **Description** | **Material** | **NEMA Rating**
--- | --- | --- | ---
2SQI7 | 7mm square insert, black |  |  
2SQK7 | 7mm square key, fits 2SQI7 |  |  
2TRI7 | 7mm triangle insert, black |  |  
2TRK7 | 7mm triangle key, fits 2TRI7 |  |  
2SLI | Slotted insert, black |  |  

Replacement Quarter Turn Assemblies

- Field installable.
- Interchangeable with standard quarter turn latches.
- Maintains NEMA, UL and CSA ratings as noted.

**Part No.** | **Description** | **Material** | **NEMA Rating**
--- | --- | --- | ---
EQTRL1 | Locking Qtr Turn | Zinc Die/Chrome | n/a (internal use only)  
2QTR | Slotted Qtr Turn | Zinc Die/Black | 12, 4  
2SSQTR | Slotted Qtr Turn | Stainless steel | 12, 4, 4X  
2WKL | Wing knob lock | Zinc Die/Black | 12, 4  
2QPL | Padlockable quarter turn latch | Zinc Die/Black | 12, 4  

1 For use with Swing Frame/Panel. ...see page 29. All others for use with enclosures.

Handles

- Field installable.
- Interchangeable with standard quarter turn latches.
- Maintain NEMA, UL and CSA ratings as noted.

**Part No.** | **Description** | **Material** | **NEMA Rating**
--- | --- | --- | ---
EHTL | Locking T Handle | Zinc Die/Black | 12, 4  
EHL | Locking L Handle | Zinc Die/Black | 12, 4  
EHLPL | Padlockable L Handle | Zinc Plated | 12  
EHLPLSS | Padlockable L Handle | 316 Stainless Steel | 12, 4, 4X  
EHNLLS | Non Locking L Handle | 316 Stainless Steel | 12, 4, 4X  
EHLLS | Locking L Handle | 316 Stainless Steel | 12, 4, 4X  

Eclipse Mounting Foot Kit

- Maintains UL, CSA and NEMA ratings.
- Field installable.
- New triangular flanges prevent the foot from rotating.
- Foot can still be mounted sideways as well as top/bottom.
- Available in mild, 304SS and 316SS.
- Packaged in quantities of four.

**Part No.** | **Material**
--- | ---
EZPMFHD | Clear Zinc Plated, mild steel  
ESSMFHD | Type 304 Stainless  
ES16MFHD | Type 316 Stainless
Eclipse Rear Mounting Hole Plugs

- Used to plug rear mounting holes for Eclipse series
- Snap in plug designed for rear .50” mounting hole
- Packaged in quantities of 40

Part No. EN4PLUG40
1418 Series Single Door Enclosures - NEMA 12, 13
Continuous Hinge, Clamped Cover

**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 outside, with white powder coating on the inside.
- Removable inner panel is finished in white powder coating.

**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 508 Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - JIC EGP-1-1967 unless marked
  - IEC 60529, IP54

**Parts and Dimensions**

<table>
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<th>Part No.</th>
<th>Panel Size</th>
<th>Centers</th>
<th>Ship Wt. lbs</th>
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<td>9 21</td>
<td>18.0 13.25 34</td>
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<td>1418B6^2</td>
<td>16 12 6</td>
<td>13 9</td>
<td>9.5 17.25 26</td>
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<td>1418G6^2</td>
<td>16 16 6</td>
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<td>1418CA6^2</td>
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<td>1418D6^2</td>
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<td>17 17</td>
<td>14.0 21.25 48</td>
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</tbody>
</table>

1Does not meet JIC requirements
2Flat Panel not meet JIC

**Accessories**
- Additional inner panels...see page 436
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door clamping hardware...see page 429
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Enclosure stabilizers...see page 456
- Filter fans...see page 371-384
- Floor stand kits...see page 453
- Gland Plates...see page 446
- Heaters...see page 393-396
- Lock kit...see page 431
- Louvered ventilating plates...see page 402
- Quick release clamp...see page 429
- Swing Panels...see page 440
- Terminal kit assemblies...see page 441
- Thermostats...see page 397
- Window kits...see page 449

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

All dimensions in inches unless specified otherwise.
### 1418 Series Single Door Enclosures - NEMA 12, 13

**Continuous Hinge, Clamped Cover**

#### Technical Information
- Dimensions in inches unless specified otherwise.
- Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com).

#### Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
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<td>73.25 332</td>
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</tr>
</tbody>
</table>

*Does not meet JIC requirements² Flat Panel not meet JIC

**Notes:**
- Vertical stiffener required on KK, M, MR and LL only.
- Omit center body stiffener if A is less than 41°.
- Padlocking hasp and staple.
- Omit 2 middle studs if A is less than 31°.
- Omit body stiffeners if A or B is less than 29°.
- Omit 2 middle studs if B is less than 31°.
- Omit door stiffener if A or B is less than 31" except if AxB is 42”x30”, 48”x30” or 72”x30”.
- Omit if A is less than 48°.

---

Technical references and CAD downloads available at www.hammondmfg.com. All dimensions in inches unless specified otherwise.

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Canada: 519.822.2960 or 905.456.3770
USA: 716.630.7030

Data Subject to change without notice.
1418 N4 Series Single Door Enclosures - NEMA 4
Continuous Hinge, Clamped Cover

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 508 Type 3R, 12, 4
- CSA Type 3R, 12, 4
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - JIC EGP-1-1967 unless marked*1
  - 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 436
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door clamping hardware...see page 429
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Enclosure stabilizers...see page 456
- Filter fans...see page 371-384
- Floor stand kits...see page 453
- Gland Plates...see page 446
- Heaters...see page 393-396
- Lock kit...see page 431
- Louvered ventilating plates...see page 402
- Quick release clamp...see page 429
- Swing Panels...see page 440
- Terminal kit assemblies...see page 441
- Thermostats...see page 397
- Window kits...see page 449

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

All dimensions in inches unless specified otherwise
1418 N4 Series Single Door Enclosures - NEMA 4
Continuous Hinge, Clamped Cover

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise

Part No. | Panel Size | Mtg. Centers | Ship Wt. lbs.
--- | --- | --- | ---
1418N4B6² | 16 12 6 13 9 9.5 17.25 | 27
1418N4G6² | 16 16 6 13 13 10.0 17.25 | 34
1418N4CR6² | 16 20 6 13 17 14.0 17.25 | 41
1418N4C6² | 20 16 6 17 13 10.0 21.25 | 40
1418N4D6² | 20 20 6 17 17 14.0 21.25 | 40
1418N4AR6⁵ | 24 12 6 21 9 9.5 25.25 | 41
1418N4H6⁵ | 24 16 6 21 13 10.0 25.25 | 42
1418N4E6⁵ | 24 20 6 21 17 14.0 25.25 | 56
1418N4K6⁵ | 30 24 6 27 21 18.0 25.25 | 80
1418N4L6⁵ | 36 24 6 33 21 18.0 37.25 | 91
1418N4B8² | 16 12 8 13 9 9.5 25.25 | 29
1418N4C8² | 20 16 8 17 13 10.0 21.25 | 44
1418N4D8² | 20 20 8 17 17 14.0 21.25 | 51
1418N4ER8⁵ | 20 24 8 17 21 18.0 21.25 | 55
1418N4E8⁵ | 24 20 8 21 17 14.0 25.25 | 60
1418N4J8⁵ | 24 24 8 21 21 18.0 25.25 | 70
1418N4KR8⁵ | 24 30 8 21 27 24.0 25.25 | 74
1418N4F8⁵ | 30 20 8 27 17 14.0 31.25 | 79
1418N4K8⁵ | 30 24 8 27 21 18.0 31.25 | 88
1418N4KK8⁵ | 30 30 8 27 27 24.0 31.25 | 106
1418N4L8⁵ | 36 24 8 33 21 18.0 37.25 | 101

Part No. | Panel Size | Mtg. Centers | Ship Wt. lbs.
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1418N4M8 | 36 30 8 33 27 24 | 121
1418N4O8¹ | 42 30 8 39 27 24 | 132
1418N4P8¹ | 42 36 8 39 33 30 | 177
1418N4S8¹ | 48 36 8 45 33 30 | 207
1418N4T8¹ | 60 36 8 57 33 30 | 245
1418N4C10² | 20 16 10 17 13 10 | 47
1418N4E10⁵ | 24 20 10 21 17 14 | 66
1418N4K10⁵ | 30 24 10 27 21 18 | 91
1418N4M10⁵ | 36 30 10 33 27 24 | 125
1418N4R10¹¹ | 48 30 10 45 27 24 | 175
1418N4S10¹¹ | 48 36 10 45 33 30 | 183
1418N4T10¹¹ | 60 36 10 57 33 30 | 252
1418N4E12² | 24 20 12 21 17 14 | 71
1418N4K12⁵ | 30 24 12 27 21 18 | 95
1418N4L12⁵ | 36 24 12 33 21 18 | 106
1418N4M12⁵ | 36 30 12 33 27 24 | 136
1418N4P12¹ | 42 36 12 39 33 30 | 202
1418N4S12¹ | 48 36 12 45 33 30 | 225
1418N4K16 | 30 24 16 27 21 18 | 100
1418N4M16 | 36 30 16 33 27 24 | 149
1418N4S16¹ | 48 36 16 45 33 30 | 290
1418N4T16¹ | 60 36 16 57 33 30 | 232

1* Does not meet JIC requirements
2 Flat Panel

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

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1422 Series Two Door Wallmount Enclosures - NEMA 12
Continuous Hinge

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

Construction
- Enclosures are formed 12 or 14 gauge steel, as noted.
- 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 phosphatized and finished in recoatable smooth ANSI 61 gray powder coating on the outside, with white powder coating on the inside.
- Removable inner panel is finished in white powder coating.

Accessories
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Enclosure stabilizers...see page 456
- Filter fans...see page 371-384
- Floor stand kits...see page 453
- Gland Plates...see page 446
- Heaters...see page 393-396
- Light kit...see page 452
- Louvered ventilating plates...see page 402
- Thermostats...see page 397
- Window kits...see page 449

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise

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Data Subject to change without notice
1422 Series Two Door Wallmount Enclosures - NEMA 12
Continuous Hinge

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

**All dimensions in inches unless specified otherwise**

| Part No. | A   | B   | C   | Body Gauge | Panel Gauge | Panel Size | | | | | Ship Wt. lbs |
|----------|-----|-----|-----|------------|-------------|------------|-----|-----|-----|---------------|
| 1422P8   | 24.00 | 42.00 | 8.00 | 14 | 12 | 21 | 39 | 1.5 | 22.25 | 20.13 | 7.96 | 79 |
| 1422PW8  | 24.00 | 48.00 | 8.00 | 14 | 12 | 21 | 45 | 1.5 | 22.25 | 23.13 | 7.96 | 92 |
| 1422P10  | 24.00 | 42.00 | 10.00 | 14 | 12 | 21 | 39 | 1.5 | 22.25 | 20.13 | 9.96 | 101 |
| 1422R10  | 30.00 | 42.00 | 10.00 | 14 | 12 | 27 | 39 | 1.5 | 28.25 | 20.13 | 9.96 | 112 |
| 1422RW10 | 30.00 | 48.00 | 10.00 | 14 | 12 | 27 | 45 | 1.5 | 28.25 | 23.13 | 9.96 | 115 |
| 1422RX10 | 30.00 | 60.00 | 10.00 | 14 | 12 | 27 | 57 | 1.5 | 28.25 | 29.13 | 9.96 | 142 |
| 1422UV12 | 36.00 | 42.00 | 12.00 | 14 | 12 | 33 | 39 | 1.5 | 34.25 | 20.13 | 11.96 | 134 |
| 1422UVW12| 36.00 | 48.00 | 12.00 | 14 | 12 | 33 | 45 | 1.5 | 34.25 | 23.13 | 11.96 | 230 |
| 1422UX12 | 36.00 | 60.00 | 12.00 | 14 | 12 | 33 | 57 | 1.5 | 34.25 | 29.13 | 11.96 | 230 |
| 1422VV12 | 42.00 | 42.00 | 12.00 | 14 | 12 | 39 | 39 | 1.5 | 40.25 | 20.13 | 11.96 | 152 |
| 1422VVW12| 42.00 | 48.00 | 12.00 | 14 | 12 | 39 | 45 | 1.5 | 40.25 | 23.13 | 11.96 | 161 |
| 1422VX12 | 42.13 | 60.06 | 12.69 | 12 | 10 | 38 | 56 | 2.0 | 40.25 | 29.13 | 11.96 | 202 |
| 1422WW12 | 48.13 | 48.06 | 12.69 | 12 | 10 | 44 | 44 | 2.0 | 46.25 | 23.13 | 11.96 | 350 |

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1422 Series Two Door Floormount Enclosures - NEMA 12

Continuous Hinge

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

Construction
- Enclosures 54" high or less are formed 14 gauge steel.
- Enclosures 60" high are formed 12 gauge steel.
- Enclosures 72" high are formed 12 gauge steel with a 10 gauge steel back.
- 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.)

Construction...Cont’d
- 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 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 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 on the outside, with white powder coating on the inside.
- Removable inner panel is finished in white powder coating.

Accessories
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Enclosure stabilizers...see page 456
- Filter fans...see page 371-384
- Floor stand kits...see page 453
- Gland Plates...see page 446
- Heaters...see page 393-396
- Inner Panels...see page 437
- Light kit...see page 452
- Louvered ventilating plates ...see page 402
- Thermostats...see page 397
- Window kits...see page 449
### 1422 Series Two Door Floormount Enclosures - NEMA 12

**Continuous Hinge**

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

All dimensions in inches unless specified otherwise.

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1422 Series Two Door Floormount Enclosures - NEMA 4
Continuous Hinge, Clamped Doors

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 508 Type 3R, 4 and 12
• CSA Type 3R, 4 and 12
• Complies with
  • NEMA Type 3R, 4 12 and 13
  • JIC EGP-1-1967
  • IEC 60529, IP66

Construction
• Formed 12 gauge steel.
• 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
• Air conditioners...see page 349-367
• Blowers...see page 392
• Breather kits...see page 400-401
• Door stop kit...see page 453
• Drip shield kits...see page 451
• Enclosure stabilizers...see page 456
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• Window kits...see page 449
1422 Series Two Door Floormount Enclosures - NEMA 4
Continuous Hinge, Clamped Doors

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
1422 Series Two Door Floormount Enclosures - NEMA 4
Continuous Hinge, Quarter Turn Latches

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 508 Type 3R, 4 and 12
• CSA Type 3R, 4 and 12
• Complies with
  • NEMA Type 3R, 4 12 and 13
  • JIC EGP-1-1967
  • IEC 60529, IP66

Construction
• Formed 12 gauge steel.
• 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
• Air conditioners...see page 349-367
• Blowers...see page 392
• Breather kits...see page 400-401
• Door stop kit...see page 453
• Drip shield kits...see page 451
• Enclosure stabilizers...see page 456
• Filter fans...see page 371-384
• Floor stand kits...see page 453
• Gland Plates...see page 446
• Heaters...see page 393-396
• Inner Panels...see page 437
• Light kit...see page 452
• Louvered ventilating plates...see page 402
• Thermostats...see page 397
• Window kits...see page 449
## 1422 Series Two Door Floormount Enclosures - NEMA 4

Continuous Hinge, Quarter Turn Latches

### Technical Details

**Part No.** | **A**  | **B**  | **C**  | **Body Gauge** | **Panel Gauge** | **Panel Size** | **Wt. lbs.**
--- | --- | --- | --- | --- | --- | --- | ---
1422N4B10FQT | 60.13 | 48.06 | 10.69 | 12 | 10 | 56 | 44 | 5.3 | 58.59 | 22 | 9.87 | 475
1422N4D12FQT | 60.13 | 60.06 | 12.69 | 12 | 10 | 56 | 56 | 6.3 | 58.59 | 28 | 11.87 | 567
1422N4E12FQT | 72.13 | 60.06 | 12.69 | 12 | 10 | 68 | 56 | 6.3 | 70.59 | 28 | 11.87 | 645
1422N4F12FQT | 72.13 | 72.06 | 12.69 | 12 | 10 | 68 | 68 | 6.3 | 70.59 | 34 | 11.87 | 750
1422N4F24FQT | 72.13 | 72.06 | 24.69 | 12 | 10 | 68 | 68 | 12.3 | 70.59 | 34 | 23.87 | 945

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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**HN4 Series Two Door Floormount Enclosures - NEMA 4**

**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 508 Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4 12 and 13
  - 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.
- 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.

**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**
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Enclosure stabilizers...see page 456
- Filter fans...see page 371-384
- Floor stand kits...see page 453
- Gland Plates...see page 446
- Heaters...see page 393-396
- Inner Panels...see page 437
- Light kit...see page 452
- Louvered ventilating plates...see page 402
- Thermostats...see page 397
- Window kits...see page 449

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

All dimensions in inches unless specified otherwise
HN4 Series Two Door Floormount Enclosures - NEMA 4

Continuous Hinge, 3pt Handle

Part No. | Overall Dimensions | Inner Panel (Included)
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Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise
1418 Series Single Door Freestanding Enclosures - NEMA 12
Single or Dual Access

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 508 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 finished in recoatable smooth ANSI 61 gray powder coating on the outside, with white powder coating on the inside.
• Optional inner panels, rails, frames and supports are available in white powder coating.

Accessories
• Air conditioners...see page 349-367
• Blowers...see page 392
• Breather kits...see page 400-401
• Door stop kit...see page 453
• Drip shield kits...see page 451
• Filter fans...see page 371-384
• Floor stand kits...see page 453
• Gland Plates...see page 446
• Heaters...see page 393-396
• Inner Panels...see page 57
• Light kit...see page 452
• Louvered ventilating plates...see page 402
• Swing frame...see page 58
• Thermostats...see page 397
• Window kits...see page 449
1418 Series Single Door Freestanding Enclosures - NEMA 12
Single or Dual Access

**Single Access**

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1 Refers to Optional Full Height/Full Width Panels. Depth Panels & Half Height Width panels are also available...see page 57.

**Maximum Useable Depth**

Single Access only
From inside surface of front door to front face of Full Width Panel
Inner Panel in Full Back Position

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Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
1418 N4 Series Freestanding Enclosures - NEMA 4
Single Door

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 508 Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - 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
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Filter fans...see page 371-384
- Gland Plates...see page 446
- Heaters...see page 393-396
- Inner Panels...see page 57
- Light kit...see page 452
- Panel rails...see page 58
- Swing frame...see page 58
- Thermostats...see page 397
- Window kits...see page 449

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
1418 N4 Series Freestanding Enclosures - NEMA 4
Single Door

Front View

Section Y-Y

Bottom View

Top Lip Detail

Strut Detail - Right Side

<table>
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<tr>
<th>Part No.</th>
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<th>C</th>
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*Refers to Optional Full Height/Full Width Panels. Depth Panels & Half Height Width panels are also available.*

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

All dimensions in inches unless specified otherwise
1418 N4 Series Freestanding Enclosures - NEMA 4
Single Door with Quarter Turn Latches

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 508 Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - 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
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Filter fans...see page 371-384
- Gland Plates...see page 446
- Heaters...see page 393-396
- Inner Panels...see page 57
- Light kit...see page 452
- Panel rails...see page 58
- Swing frame...see page 58
- Thermostats...see page 397
- Window kits...see page 449

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
1418 N4 Series Freestanding Enclosures - NEMA 4
Single Door with Quarter Turn Latches

- **Front View**
- **Section Y-Y**
- **Bottom View**

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<th>Part No.</th>
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</table>

1 Refers to Optional Full Height/Full Width Panels. Depth Panels & Half Height Width panels are also available.

Strut Detail - Right Side

Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)
HN4 Series Freestanding Enclosures - NEMA 4
Single Door w/ 3pt Handle

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 508 Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - 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.
- 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.

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
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Filter fans...see page 371-384
- Gland Plates...see page 446
- Heaters...see page 393-396
- Inner Panels...see page 57
- Light kit...see page 452
- Panel rails...see page 58
- Swing frame...see page 58
- Thermostats...see page 397
- Window kits...see page 449
HN4 Series Freestanding Enclosures - NEMA 4
Single Door w/ 3pt Handle

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise

Part No. | A   | B    | C     | Optional Full Panel
---------|-----|------|-------|----------------------
HN4FS722518 | 72.06 | 25.06 | 18.06 | 72WFW
HN4FS723124 | 72.06 | 31.06 | 24.06 | 72XFW
HN4FS723724 | 72.06 | 37.06 | 24.06 | 72YFW

1 Refers to Optional Full Height/Full Width Panels. Depth Panels & Half Height Width panels are also available.
**1418 Series Two Door Freestanding Enclosures - NEMA 12**

**Single or Dual Access**

**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 508 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 finished in recoatable smooth ANSI 61 gray powder coating on the outside, with white powder coating on the inside.
- Optional inner panels, rails, frames and supports are available in white powder coating.

**Accessories**
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Center panel support...see page 57
- Door stop kit...see page 453
- Drip shield kits...see page 451
- Enclosure stabilizers...see page 456
- Filter fans...see page 371-384
- Floor stand kits...see page 453
- Gland Plates...see page 446
- Heaters...see page 393-396
- Inner Panels...see page 57
- Light kit...see page 452
- Louvered ventilating plates...see page 402
- Thermostats...see page 397
- Window kits...see page 449
### Single Access

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<td>38.03</td>
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<tr>
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<td>72.06</td>
<td>36.06</td>
<td>47.03</td>
<td>38.13</td>
<td>90BYFW</td>
<td>1100</td>
</tr>
</tbody>
</table>

1. Refers to Optional Full Height/Full Width Panels. Depth Panels & Half Height Width panels are also available. see page 57.

### Dual Access

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>F</th>
<th>G</th>
<th>Optional Full Panel</th>
<th>Ship Wt. lbs.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>36.06</td>
<td>38.03</td>
<td>29.13</td>
<td>72XWF</td>
<td>900</td>
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</tbody>
</table>

1. Refers to Optional Full Height/Full Width Panels. Depth Panels & Half Height Width panels are also available. see page 57.
Inner Panels
- Formed from 10 gauge or 12 gauge steel.
- All double door width panels are 10 gauge steel.
- Width panels are available in full or half height.
- Depth panels are available in full height only.
- Depth and width panels are provided with all mounting hardware and center support where required.
- Half panel can be mounted in the top or bottom half of the enclosure.
- Finished in white.

Depth Panels

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Encl. Height</th>
<th>Encl. Min. Depth</th>
<th>Panel W</th>
<th>Panel H</th>
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</thead>
<tbody>
<tr>
<td>60FD14</td>
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<td>18</td>
<td>14</td>
<td>48</td>
</tr>
<tr>
<td>72FD9</td>
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<td>60</td>
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<tr>
<td>72FD20</td>
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<td>24</td>
<td>20</td>
<td>60</td>
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<tr>
<td>72FD26</td>
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<td>36</td>
<td>26</td>
<td>60</td>
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</tr>
<tr>
<td>90FD26</td>
<td>90</td>
<td>36</td>
<td>26</td>
<td>78</td>
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</tbody>
</table>

Side Mounted Panels for Single and Double Door Enclosures

Single Door Width Panels

<table>
<thead>
<tr>
<th>Steel Part No.</th>
<th>Galv. Steel Part No.</th>
<th>Description</th>
<th>Enclosure</th>
<th>Panel Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>60TWFW</td>
<td>60TWFWG</td>
<td>Full Panel</td>
<td>60 x 24</td>
<td>48.00 x 20</td>
</tr>
<tr>
<td>60TWHW</td>
<td>60TWHWG</td>
<td>Half Panel</td>
<td>24.87 x 20</td>
<td></td>
</tr>
<tr>
<td>72WFW</td>
<td>72WFWG</td>
<td>Full Panel</td>
<td>72 x 24</td>
<td>60.00 x 20</td>
</tr>
<tr>
<td>72WHW</td>
<td>72WHWG</td>
<td>Half Panel</td>
<td>30.87 x 20</td>
<td></td>
</tr>
<tr>
<td>90YWFW</td>
<td>90YWFWG</td>
<td>Full Panel</td>
<td>90 x 24</td>
<td>78.00 x 26</td>
</tr>
<tr>
<td>90YWHW</td>
<td>90YWHWG</td>
<td>Half Panel</td>
<td>39.87 x 26</td>
<td></td>
</tr>
<tr>
<td>72XFW</td>
<td>72XFWG</td>
<td>Full Panel</td>
<td>72 x 30</td>
<td>60.00 x 26</td>
</tr>
<tr>
<td>72XHW</td>
<td>72XHWG</td>
<td>Half Panel</td>
<td>30.87 x 26</td>
<td></td>
</tr>
<tr>
<td>60TYFW</td>
<td>60TYFWG</td>
<td>Full Panel</td>
<td>60 x 36</td>
<td>48.00 x 32</td>
</tr>
<tr>
<td>60TYHW</td>
<td>60TYHWG</td>
<td>Half Panel</td>
<td>24.87 x 32</td>
<td></td>
</tr>
<tr>
<td>72YFW</td>
<td>72YFWG</td>
<td>Full Panel</td>
<td>72 x 36</td>
<td>60.00 x 32</td>
</tr>
<tr>
<td>72YHW</td>
<td>72YHWG</td>
<td>Half Panel</td>
<td>30.87 x 32</td>
<td></td>
</tr>
<tr>
<td>90YFW</td>
<td>90YFWG</td>
<td>Full Panel</td>
<td>90 x 36</td>
<td>78.00 x 32</td>
</tr>
<tr>
<td>90YHW</td>
<td>90YHWG</td>
<td>Half Panel</td>
<td>39.87 x 32</td>
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</table>

Double Door Width Panels

<table>
<thead>
<tr>
<th>Steel Part No.</th>
<th>Galv. Steel Part No.</th>
<th>Description</th>
<th>Enclosure</th>
<th>Panel Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>60AWFW</td>
<td>60AWFG</td>
<td>Full Panel</td>
<td>60 x 48</td>
<td>48.00 x 44</td>
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<tr>
<td>60AWHW</td>
<td>60AWHGW</td>
<td>Half Panel</td>
<td>24.88 x 44</td>
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</tr>
<tr>
<td>72ZWFW</td>
<td>72ZWFWG</td>
<td>Full Panel</td>
<td>72 x 48</td>
<td>60.00 x 44</td>
</tr>
<tr>
<td>72ZWHW</td>
<td>72ZWHWG</td>
<td>Half Panel</td>
<td>30.88 x 44</td>
<td></td>
</tr>
<tr>
<td>72ZXFW</td>
<td>72ZXFWG</td>
<td>Full Panel</td>
<td>72 x 60</td>
<td>60.00 x 56</td>
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<tr>
<td>72ZXHW</td>
<td>72ZXHWG</td>
<td>Half Panel</td>
<td>30.88 x 56</td>
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</tr>
<tr>
<td>72ZYFW</td>
<td>72ZYFWG</td>
<td>Full Panel</td>
<td>72 x 72</td>
<td>60.00 x 68</td>
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<tr>
<td>72ZYHW</td>
<td>72ZYHWG</td>
<td>Half Panel</td>
<td>30.88 x 68</td>
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<tr>
<td>90BWFW</td>
<td>90BWFWG</td>
<td>Full Panel</td>
<td>90 x 48</td>
<td>78.00 x 44</td>
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<tr>
<td>90BWHW</td>
<td>90BWHWG</td>
<td>Half Panel</td>
<td>39.88 x 44</td>
<td></td>
</tr>
<tr>
<td>90BYFW</td>
<td>90BYFWG</td>
<td>Full Panel</td>
<td>90 x 72</td>
<td>78.00 x 68</td>
</tr>
<tr>
<td>90BYHW</td>
<td>90BYHWG</td>
<td>Half Panel</td>
<td>39.88 x 68</td>
<td></td>
</tr>
</tbody>
</table>

1418 CS Series Center Panel Supports
- Adapts panels, swing frames, and panel rails from single door enclosures so they can be used on double door enclosures.
- Suitable for single or dual access double door enclosures.
- Center panel support mounts into front to back mounting channels (top and bottom) found in two door enclosures.
- Allows a combination of two 20” panels in a 48” wide enclosure, two 26” panels in a 60” wide enclosure, or two 32” panels in a 72” wide enclosure.
- Width is adjustable from 1.91” to 2.34”.
- Support may be positioned at any depth within the enclosure.
- Finished in white.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Enclosure Ht.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1418ACS</td>
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<tr>
<td>1418ZCS</td>
<td>72</td>
</tr>
<tr>
<td>1418BCS</td>
<td>90</td>
</tr>
</tbody>
</table>
Panel Rails
- Provides 19" or 24" mounting capability.
- Sold in pairs.
- Formed from 10 gauge steel.
- Drilled and tapped 10-32 to EIA spacing of 0.5" - 0.63" - 0.63" - 0.5".
- Finished in white.

Panel Rails Specifications
<table>
<thead>
<tr>
<th>Part No.</th>
<th>Panel Description</th>
<th>Enclosure Width</th>
<th>Panel Height</th>
<th>U</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>1418TFHP</td>
<td>Full Height</td>
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<tr>
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<tr>
<td>1418WFHP</td>
<td>Full Height</td>
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<td>61.25</td>
<td>3.66</td>
<td>7.66</td>
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<tr>
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<td>31.50</td>
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<tr>
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<td>72 x 30</td>
<td>61.25</td>
<td>3.66</td>
<td>7.66</td>
</tr>
<tr>
<td>1418XHHP</td>
<td>Half Height</td>
<td></td>
<td>31.50</td>
<td>3.97</td>
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<tr>
<td>1418YYFHP</td>
<td>Full Height</td>
<td>90 x 24</td>
<td>78.75</td>
<td>3.91</td>
<td>7.91</td>
</tr>
<tr>
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<td>Half Height</td>
<td></td>
<td>40.25</td>
<td>4.09</td>
<td>8.09</td>
</tr>
</tbody>
</table>

Swing Out Frames For 19" Rack Mounting
- Formed from 10 gauge steel, frames are drilled and tapped to EIA requirements for mounting standard 19" rack accessories.
- Designed for installation in 72" and 90" high enclosures. The swing frame pivots on 0.5" pins within the enclosure for easy access to the rear of rack mounted equipment.
- The frame positions at any depth within the enclosure and is fastened in the closed position with quarter turn fasteners.
- Swing frames may be mounted in 30" and 36" wide enclosures, or in 60" and 72" wide enclosures with an optional center panel support...see page 57.
- One or two frames may be mounted in 30" and 36" wide enclosures with dual access, and 1,2,3 or 4 frames may be mounted in 60" and 72" wide dual access enclosures.
- Finished in black.

Swing Out Frames Specifications
<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>Enclosure Height</th>
<th>Width Single Door</th>
<th>Width Double Door</th>
<th>Center Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>1418SFFY</td>
<td>87.86</td>
<td>33.72</td>
<td>4.28</td>
<td>78.5</td>
<td>75.31</td>
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<td>36</td>
<td>72</td>
<td>1418 BCS</td>
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<tr>
<td>1418SFY</td>
<td>69.86</td>
<td>33.72</td>
<td>4.28</td>
<td>60.5</td>
<td>57.81</td>
<td>72</td>
<td>36</td>
<td>72</td>
<td>1418 ZCS</td>
</tr>
<tr>
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<td>69.86</td>
<td>27.72</td>
<td>4.28</td>
<td>60.5</td>
<td>57.81</td>
<td>72</td>
<td>30</td>
<td>60</td>
<td>1418 ZCS</td>
</tr>
</tbody>
</table>

Note: When using a swing out frame on a double door enclosure, a Center Panel Support must also be used and ordered separately...see previous page.

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

All dimensions in inches unless specified otherwise

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Canada: 519.822.2960 or 905.456.3770 USA: 716.630.7030 Data Subject to change without notice
1422 MD Series Multiple Door Enclosures - NEMA 12
Continuous Hinge, Padlockable Doors

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 508 Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - JIC EGP-1-1967
  - 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 latch and operated with a vault type padlocking handle.

Construction...cont'd
- 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).
- 5 door units have 3 panels (one 34” x 78” and two 70” x 78”).
- 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 finished in recoatable smooth ANSI 61 gray powder coating on the outside, with white powder coating on the inside.
- Removable inner panels are finished in white powder coating.

Accessories
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Door stop kit...see page 453
- Filter fans...see page 371-384
- Gland Plates...see page 446
- Heaters...see page 393-396
- Light kit...see page 452
- Louvered ventilating plates ...see page 402
- Thermostats...see page 397
- Window kits...see page 449

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Ship</th>
</tr>
</thead>
<tbody>
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<td>86.12</td>
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</tr>
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</table>

All dimensions in inches unless specified otherwise

Technical references and CAD downloads available at www.hammondmfg.com
1422 MD Series Multiple Door Enclosures - NEMA 12
Continuous Hinge, Padlockable Doors

Section X-X

Section Y-Y

Section X-X

Section Y-Y

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise