

1418 Series Single Door Enclosures - NEMA 12, 13

Continuous Hinge, Clamped Cover



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 marked¹
 - 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 outside, with white powder coating on the inside.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional inner panels...see page 454
- Air conditioners...see page 387-405
- Blowers...see page 425
- Breather kits...see page 442
- Door clamping hardware...see page 447
- Door stop kit...see page 473
- Drip shield kits...see page 470
- Enclosure stabilizers...see page 476
- Filter fans...see page 408-413
- Floor stand kits...see page 473
- Gland Plates...see page 464
- Heaters...see page 418-420
- Lock kit...see page 449
- Louvered ventilating plates...see page 475
- Quick release clamp...see page 447
- Swing Panels...see page 458
- Terminal kit assemblies...see page 459
- Thermostats...see page 440
- Window kits...see page 467

| Part No. | Panel Size | | | Centers | | Ship Wt. lbs |
|----------------------|------------|----|---|---------|----|--------------|
| | A | B | C | D | E | |
| 1418A6 ² | 12 | 24 | 6 | 9 | 21 | 18.0 |
| 1418B6 ² | 16 | 12 | 6 | 13 | 9 | 9.5 |
| 1418G6 ² | 16 | 16 | 6 | 13 | 13 | 10.0 |
| 1418CR6 ² | 16 | 20 | 6 | 13 | 17 | 14.0 |
| 1418CA6 ² | 20 | 12 | 6 | 17 | 9 | 9.5 |
| 1418C6 ² | 20 | 16 | 6 | 17 | 13 | 10.0 |
| 1418D6 ² | 20 | 20 | 6 | 17 | 17 | 14.0 |
| 1418ER6 | 20 | 24 | 6 | 17 | 21 | 18.0 |
| 1418AR6 ² | 24 | 12 | 6 | 21 | 9 | 9.5 |
| 1418H6 | 24 | 16 | 6 | 21 | 13 | 10.0 |
| 1418E6 | 24 | 20 | 6 | 21 | 17 | 14.0 |
| 1418J6 | 24 | 24 | 6 | 21 | 21 | 18.0 |
| 1418FG6 | 30 | 16 | 6 | 27 | 13 | 10.0 |
| 1418F6 | 30 | 20 | 6 | 27 | 17 | 14.0 |
| 1418K6 | 30 | 24 | 6 | 27 | 21 | 18.0 |
| 1418L6 | 36 | 24 | 6 | 33 | 21 | 18.0 |
| 1418M6 | 36 | 30 | 6 | 33 | 27 | 24.0 |
| 1418A8 ² | 12 | 24 | 8 | 9 | 21 | 18.0 |
| 1418B8 ² | 16 | 12 | 8 | 13 | 9 | 9.5 |
| 1418G8 ² | 16 | 16 | 8 | 13 | 13 | 10.0 |
| 1418CR8 ² | 16 | 20 | 8 | 13 | 17 | 14.0 |
| 1418CA8 ² | 20 | 12 | 8 | 17 | 9 | 9.5 |
| 1418C8 ² | 20 | 16 | 8 | 17 | 13 | 10.0 |
| 1418D8 ² | 20 | 20 | 8 | 17 | 17 | 14.0 |

¹Does not meet JIC requirements

²Flat Panel not meet JIC

| Part No. | Panel Size | | | Centers | | Ship Wt. lbs |
|----------------------|------------|----|----|---------|----|--------------|
| | A | B | C | D | E | |
| 1418ER8 | 20 | 24 | 8 | 17 | 21 | 18.0 |
| 1418AR8 | 24 | 12 | 8 | 21 | 9 | 9.5 |
| 1418H8 | 24 | 16 | 8 | 21 | 13 | 10.0 |
| 1418E8 | 24 | 20 | 8 | 21 | 17 | 14.0 |
| 1418J8 | 24 | 24 | 8 | 21 | 21 | 18.0 |
| 1418KR8 | 24 | 30 | 8 | 21 | 27 | 24.0 |
| 1418KA8 | 30 | 12 | 8 | 27 | 9 | 9.5 |
| 1418KG8 | 30 | 16 | 8 | 27 | 13 | 10.0 |
| 1418F8 | 30 | 20 | 8 | 27 | 17 | 14.0 |
| 1418K8 | 30 | 24 | 8 | 27 | 21 | 18.0 |
| 1418KK8 | 30 | 30 | 8 | 27 | 27 | 24.0 |
| 1418MR8 | 30 | 36 | 8 | 27 | 33 | 30.0 |
| 1418L8 | 36 | 24 | 8 | 33 | 21 | 18.0 |
| 1418M8 | 36 | 30 | 8 | 33 | 27 | 24.0 |
| 1418LL8 ¹ | 36 | 36 | 8 | 33 | 33 | 30.0 |
| 1418N8 | 42 | 24 | 8 | 39 | 21 | 18.0 |
| 1418O8 ¹ | 42 | 30 | 8 | 39 | 27 | 24.0 |
| 1418P8 ¹ | 42 | 36 | 8 | 39 | 33 | 30.0 |
| 1418Q8 | 48 | 24 | 8 | 45 | 21 | 18.0 |
| 1418R8 ¹ | 48 | 30 | 8 | 45 | 27 | 24.0 |
| 1418S8 ¹ | 48 | 36 | 8 | 45 | 33 | 30.0 |
| 1418T8 ¹ | 60 | 36 | 8 | 57 | 33 | 30.0 |
| 1418B10 ² | 16 | 12 | 10 | 13 | 9 | 9.5 |
| 1418C10 ² | 20 | 16 | 10 | 17 | 13 | 10.0 |

¹Does not meet JIC requirements

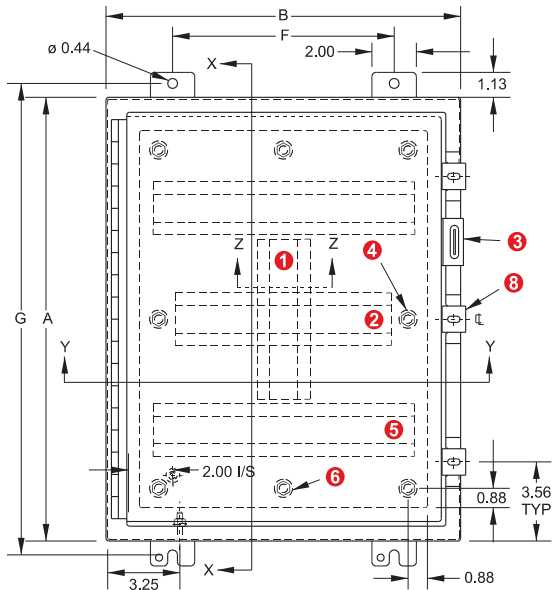
²Flat Panel not meet JIC

 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



Front View

Inner Panel Included



| Part No. | Panel Size | | | Centers | | Ship Wt. lbs | | |
|-----------------------|------------|----|----|---------|----|--------------|-------|-----|
| | A | B | C | D | E | | | |
| 1418D10 ² | 20 | 20 | 10 | 17 | 17 | 14.0 | 21.25 | 52 |
| 1418AR10 ² | 24 | 12 | 10 | 21 | 9 | 9.5 | 25.25 | 42 |
| 1418E10 | 24 | 20 | 10 | 21 | 17 | 14.0 | 25.25 | 64 |
| 1418J10 | 24 | 24 | 10 | 21 | 21 | 18.0 | 25.25 | 73 |
| 1418F10 | 30 | 20 | 10 | 27 | 17 | 14.0 | 31.25 | 76 |
| 1418K10 | 30 | 24 | 10 | 27 | 21 | 18.0 | 31.25 | 86 |
| 1418L10 | 36 | 24 | 10 | 33 | 21 | 18.0 | 37.25 | 105 |
| 1418M10 | 36 | 30 | 10 | 33 | 27 | 24.0 | 37.25 | 124 |
| 1418O10 ¹ | 42 | 30 | 10 | 39 | 27 | 24.0 | 43.25 | 140 |
| 1418P10 ¹ | 42 | 36 | 10 | 39 | 33 | 30.0 | 43.25 | 192 |
| 1418R10 ¹ | 48 | 30 | 10 | 45 | 27 | 24.0 | 49.25 | 162 |
| 1418S10 ¹ | 48 | 36 | 10 | 45 | 33 | 30.0 | 49.25 | 208 |
| 1418T10 ¹ | 60 | 36 | 10 | 57 | 33 | 30.0 | 61.25 | 258 |
| 1418C12 ² | 20 | 16 | 12 | 17 | 13 | 10.0 | 21.25 | 48 |
| 1418E12 | 24 | 20 | 12 | 21 | 17 | 14.0 | 25.25 | 68 |
| 1418J12 | 24 | 24 | 12 | 21 | 21 | 18.0 | 25.25 | 76 |
| 1418K12 | 30 | 24 | 12 | 27 | 21 | 18.0 | 31.25 | 90 |
| 1418KK12 | 30 | 30 | 12 | 27 | 27 | 24.0 | 31.25 | 114 |
| 1418L12 | 36 | 24 | 12 | 33 | 21 | 18.0 | 37.25 | 108 |
| 1418M12 | 36 | 30 | 12 | 33 | 27 | 24.0 | 37.25 | 132 |
| 1418LL12 ¹ | 36 | 36 | 12 | 33 | 33 | 30.0 | 37.25 | 156 |
| 1418O12 ¹ | 42 | 30 | 12 | 39 | 27 | 24.0 | 43.25 | 150 |
| 1418P12 ¹ | 42 | 36 | 12 | 39 | 33 | 30.0 | 43.25 | 198 |
| 1418S12 ¹ | 48 | 36 | 12 | 45 | 33 | 30.0 | 49.25 | 222 |
| 1418T12 ¹ | 60 | 36 | 12 | 57 | 33 | 30.0 | 61.25 | 264 |
| 1418U12 ¹ | 72 | 30 | 12 | 69 | 27 | 24.0 | 73.25 | 272 |
| 1418V12 | 72 | 36 | 12 | 69 | 33 | 30.0 | 73.25 | 312 |
| 1418E16 | 24 | 20 | 16 | 21 | 17 | 14.0 | 25.25 | 74 |
| 1418J16 | 24 | 24 | 16 | 21 | 21 | 18.0 | 25.25 | 86 |
| 1418K16 | 30 | 24 | 16 | 27 | 21 | 18.0 | 31.25 | 102 |
| 1418M16 | 36 | 30 | 16 | 33 | 27 | 24.0 | 37.25 | 140 |
| 1418P16 ¹ | 42 | 36 | 16 | 39 | 33 | 30.0 | 43.25 | 214 |
| 1418S16 ¹ | 48 | 36 | 16 | 45 | 33 | 30.0 | 49.25 | 238 |
| 1418T16 ¹ | 60 | 36 | 16 | 57 | 33 | 30.0 | 61.25 | 290 |
| 1418U16 ¹ | 72 | 30 | 16 | 69 | 27 | 24.0 | 73.25 | 290 |
| 1418K20 | 30 | 24 | 20 | 27 | 21 | 18.0 | 31.25 | 112 |
| 1418M20 | 36 | 30 | 20 | 33 | 27 | 24.0 | 37.25 | 152 |
| 1418S20 ¹ | 48 | 36 | 20 | 45 | 33 | 30.0 | 49.25 | 256 |
| 1418T20 ¹ | 60 | 36 | 20 | 57 | 33 | 30.0 | 61.25 | 300 |
| 1418U20 ¹ | 72 | 30 | 20 | 69 | 27 | 24.0 | 73.25 | 308 |
| 1418K24 | 30 | 24 | 24 | 27 | 21 | 18.0 | 31.25 | 142 |
| 1418U24 ¹ | 72 | 30 | 24 | 69 | 27 | 24.0 | 73.25 | 332 |

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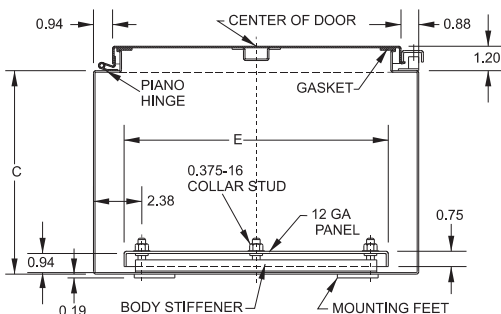
Industrial Enclosures
Walmount Enclosures



Side View

Section Z-Z

| When A= | M= |
|---------|-------|
| 30 | 7.00 |
| 36 | 9.00 |
| 42 | 9.88 |
| 48 | 11.38 |
| 60 | 14.38 |
| 72 | 17.38 |



Bottom View

- 1 Vertical stiffener required on KK, M, MR and LL only.
- 2 Omit center body stiffener if A is less than 41".
- 3 Padlocking hasp and staple.
- 4 Omit 2 middle studs if A is less than 31".
- 5 Omit body stiffeners if A or B is less than 29".
- 6 Omit 2 middle studs if B is less than 31".
- 7 Omit door stiffener if A or B is less than 31" except if AxB is 42"x30", 48"x30" or 72"x30".
- 8 Omit if A is less than 48".

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

All dimensions in inches unless specified otherwise

Quality Enclosures. Service Excellence.