

# 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 marked<sup>1</sup>
  - 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 **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**

| Part No.             | Panel Size |    |   | Centers |    | Ship Wt. lbs   |
|----------------------|------------|----|---|---------|----|----------------|
|                      | A          | B  | C | D       | E  |                |
| 1418A6 <sup>2</sup>  | 12         | 24 | 6 | 9       | 21 | 18.0 13.25 34  |
| 1418B6 <sup>2</sup>  | 16         | 12 | 6 | 13      | 9  | 9.5 17.25 26   |
| 1418G6 <sup>2</sup>  | 16         | 16 | 6 | 13      | 13 | 10.0 17.25 32  |
| 1418CR6 <sup>2</sup> | 16         | 20 | 6 | 13      | 17 | 14.0 17.25 38  |
| 1418CA6 <sup>2</sup> | 20         | 12 | 6 | 17      | 9  | 9.5 21.25 32   |
| 1418C6 <sup>2</sup>  | 20         | 16 | 6 | 17      | 13 | 10.0 21.25 38  |
| 1418D6 <sup>2</sup>  | 20         | 20 | 6 | 17      | 17 | 14.0 21.25 48  |
| 1418ER6              | 20         | 24 | 6 | 17      | 21 | 18.0 21.25 54  |
| 1418AR6 <sup>2</sup> | 24         | 12 | 6 | 21      | 9  | 9.5 25.25 36   |
| 1418H6               | 24         | 16 | 6 | 21      | 13 | 10.0 25.25 46  |
| 1418E6               | 24         | 20 | 6 | 21      | 17 | 14.0 25.25 54  |
| 1418J6               | 24         | 24 | 6 | 21      | 21 | 18.0 25.25 62  |
| 1418FG6              | 30         | 16 | 6 | 27      | 13 | 10.0 31.25 56  |
| 1418F6               | 30         | 20 | 6 | 27      | 17 | 14.0 31.25 66  |
| 1418K6               | 30         | 24 | 6 | 27      | 21 | 18.0 31.25 76  |
| 1418L6               | 36         | 24 | 6 | 33      | 21 | 18.0 37.25 91  |
| 1418M6               | 36         | 30 | 6 | 33      | 27 | 24.0 37.25 114 |
| 1418A8 <sup>2</sup>  | 12         | 24 | 8 | 9       | 21 | 18.0 13.25 38  |
| 1418B8 <sup>2</sup>  | 16         | 12 | 8 | 13      | 9  | 9.5 17.25 28   |
| 1418G8 <sup>2</sup>  | 16         | 16 | 8 | 13      | 13 | 10.0 17.25 34  |
| 1418CR8 <sup>2</sup> | 16         | 20 | 8 | 13      | 17 | 14.0 17.25 43  |
| 1418CA8 <sup>2</sup> | 20         | 12 | 8 | 17      | 9  | 9.5 21.25 35   |
| 1418C8 <sup>2</sup>  | 20         | 16 | 8 | 17      | 13 | 10.0 21.25 40  |
| 1418D8 <sup>2</sup>  | 20         | 20 | 8 | 17      | 17 | 14.0 21.25 48  |

<sup>1</sup>Does not meet JIC requirements

<sup>2</sup>Flat 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 21.25 61  |
| 1418AR8              | 24         | 12 | 8  | 21      | 9  | 9.5 25.25 40   |
| 1418H8               | 24         | 16 | 8  | 21      | 13 | 10.0 25.25 50  |
| 1418E8               | 24         | 20 | 8  | 21      | 17 | 14.0 25.25 58  |
| 1418J8               | 24         | 24 | 8  | 21      | 21 | 18.0 25.25 68  |
| 1418KR8              | 24         | 30 | 8  | 21      | 27 | 24.0 25.25 82  |
| 1418KA8              | 30         | 12 | 8  | 27      | 9  | 9.5 31.25 50   |
| 1418KG8              | 30         | 16 | 8  | 27      | 13 | 10.0 31.25 60  |
| 1418F8               | 30         | 20 | 8  | 27      | 17 | 14.0 31.25 70  |
| 1418K8               | 30         | 24 | 8  | 27      | 21 | 18.0 31.25 82  |
| 1418KK8              | 30         | 30 | 8  | 27      | 27 | 24.0 31.25 102 |
| 1418MR8              | 30         | 36 | 8  | 27      | 33 | 30.0 31.25 124 |
| 1418L8               | 36         | 24 | 8  | 33      | 21 | 18.0 37.25 96  |
| 1418M8               | 36         | 30 | 8  | 33      | 27 | 24.0 37.25 120 |
| 1418LL8 <sup>1</sup> | 36         | 36 | 8  | 33      | 33 | 30.0 37.25 142 |
| 1418N8               | 42         | 24 | 8  | 39      | 21 | 18.0 43.25 110 |
| 1418O8 <sup>1</sup>  | 42         | 30 | 8  | 39      | 27 | 24.0 43.25 132 |
| 1418P8 <sup>1</sup>  | 42         | 36 | 8  | 39      | 33 | 30.0 43.25 182 |
| 1418Q8               | 48         | 24 | 8  | 45      | 21 | 18.0 49.25 122 |
| 1418R8 <sup>1</sup>  | 48         | 30 | 8  | 45      | 27 | 24.0 49.25 173 |
| 1418S8 <sup>1</sup>  | 48         | 36 | 8  | 45      | 33 | 30.0 49.25 201 |
| 1418T8 <sup>1</sup>  | 60         | 36 | 8  | 57      | 33 | 30.0 61.25 246 |
| 1418B10 <sup>2</sup> | 16         | 12 | 10 | 13      | 9  | 9.5 17.25 30   |
| 1418C10 <sup>2</sup> | 20         | 16 | 10 | 17      | 13 | 10.0 21.25 44  |

<sup>1</sup>Does not meet JIC requirements

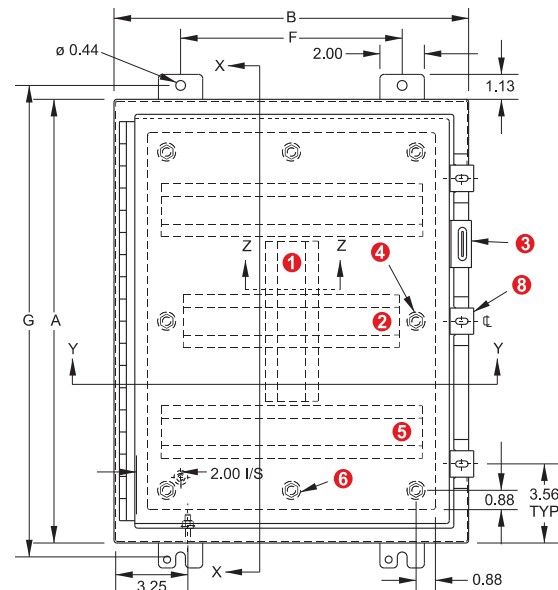
<sup>2</sup>Flat Panel not meet JIC

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

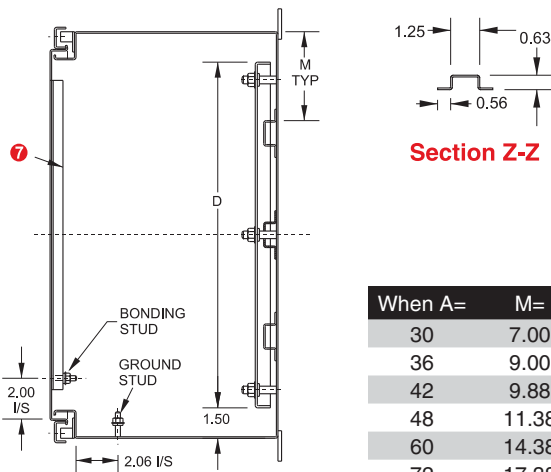
All dimensions in inches unless specified otherwise

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Continuous Hinge, Clamped Cover



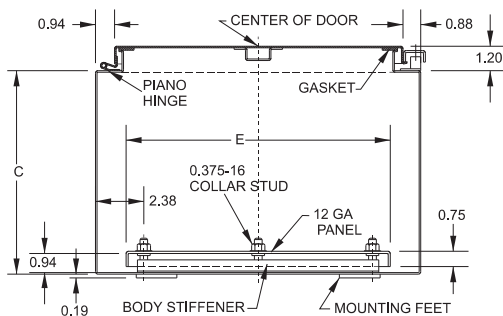
**Front View**



**Section Z-Z**

**Side View**

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



**Bottom View**

**Inner  
Panel  
Included**



| Part No.              | A  | B  | C  | D  | E  | F    | G     | Ship Wt. lbs |
|-----------------------|----|----|----|----|----|------|-------|--------------|
| 1418D10 <sup>2</sup>  | 20 | 20 | 10 | 17 | 17 | 14.0 | 21.25 | 52           |
| 1418AR10 <sup>2</sup> | 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 <sup>1</sup>  | 42 | 30 | 10 | 39 | 27 | 24.0 | 43.25 | 140          |
| 1418P10 <sup>1</sup>  | 42 | 36 | 10 | 39 | 33 | 30.0 | 43.25 | 192          |
| 1418R10 <sup>1</sup>  | 48 | 30 | 10 | 45 | 27 | 24.0 | 49.25 | 162          |
| 1418S10 <sup>1</sup>  | 48 | 36 | 10 | 45 | 33 | 30.0 | 49.25 | 208          |
| 1418T10 <sup>1</sup>  | 60 | 36 | 10 | 57 | 33 | 30.0 | 61.25 | 258          |
| 1418C12 <sup>2</sup>  | 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 <sup>1</sup> | 36 | 36 | 12 | 33 | 33 | 30.0 | 37.25 | 156          |
| 1418O12 <sup>1</sup>  | 42 | 30 | 12 | 39 | 27 | 24.0 | 43.25 | 150          |
| 1418P12 <sup>1</sup>  | 42 | 36 | 12 | 39 | 33 | 30.0 | 43.25 | 198          |
| 1418S12 <sup>1</sup>  | 48 | 36 | 12 | 45 | 33 | 30.0 | 49.25 | 222          |
| 1418T12 <sup>1</sup>  | 60 | 36 | 12 | 57 | 33 | 30.0 | 61.25 | 264          |
| 1418U12 <sup>1</sup>  | 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 <sup>1</sup>  | 42 | 36 | 16 | 39 | 33 | 30.0 | 43.25 | 214          |
| 1418S16 <sup>1</sup>  | 48 | 36 | 16 | 45 | 33 | 30.0 | 49.25 | 238          |
| 1418T16 <sup>1</sup>  | 60 | 36 | 16 | 57 | 33 | 30.0 | 61.25 | 290          |
| 1418U16 <sup>1</sup>  | 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 <sup>1</sup>  | 48 | 36 | 20 | 45 | 33 | 30.0 | 49.25 | 256          |
| 1418T20 <sup>1</sup>  | 60 | 36 | 20 | 57 | 33 | 30.0 | 61.25 | 300          |
| 1418U20 <sup>1</sup>  | 72 | 30 | 20 | 69 | 27 | 24.0 | 73.25 | 308          |
| 1418K24               | 30 | 24 | 24 | 27 | 21 | 18.0 | 31.25 | 142          |
| 1418U24 <sup>1</sup>  | 72 | 30 | 24 | 69 | 27 | 24.0 | 73.25 | 332          |

<sup>1</sup>Does not meet JIC requirements

<sup>2</sup>Flat Panel not meet JIC

- 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](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise

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