

Type 12 Mild Steel Two Door Floormount Enclosure 1422 FM Series

Continuous Hinge Door with Handle



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 14, 12, or 10 gauge steel as noted.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Body stiffeners are provided in enclosures for extra rigidity.
- Heavy duty lifting eyebolts are provided with reinforced support angles.
- 12" floor stands are welded to the enclosure. (w/ feet Part No.).
- Welded brackets provide for enclosure mounting (w/o feet Part No.).
- Gasketed overlapping doors eliminate the need for a center post.
- Continuously hinged doors may be removed by pulling the hinge pin.
- Doors are secured with a three point latch and operated with a key locking 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.

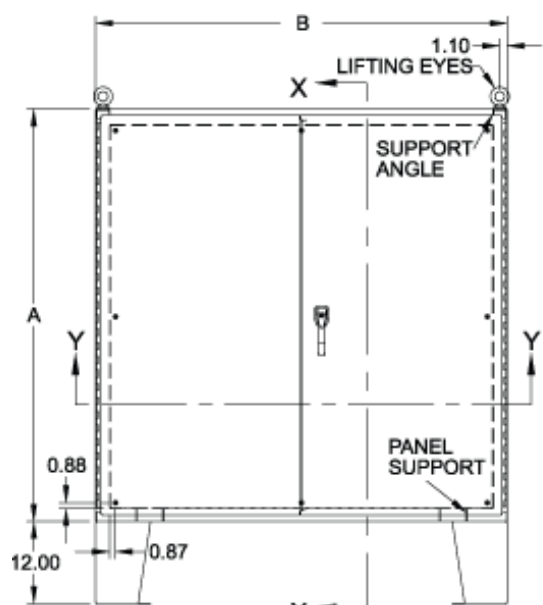
Finish

- 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.

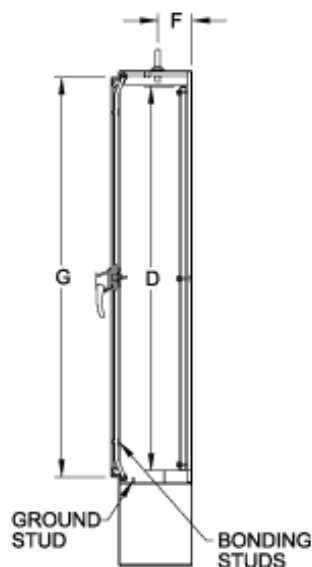
Accessories

Inner Panels
 Blowers and Fans
 Door Stop Kit
 Enclosure Stabilizers
 Floor Stand Kit
 Heaters
 Type 1 Louvered Ventilating Plates
 Window Kits

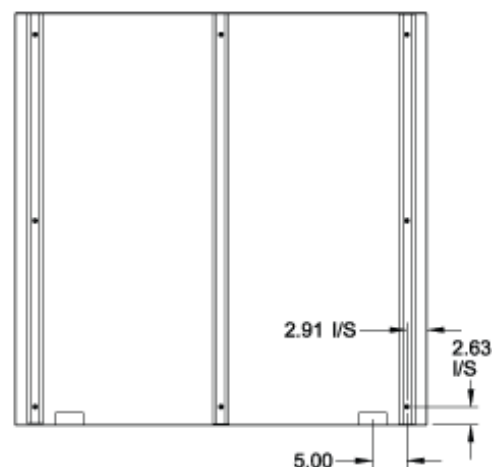
Cooling Products
 Ventilation
 Drip Shield Kit
 Filtered Fans
 Gland Plates
 Lighting
 Temperature Controls



Front View



Section X-X



Stiffener Layout



Section Y-Y

| w/ Feet | w/o Feet | | | | | | | | | | | | | | Ship Wt. (lbs) |
|----------|----------|-------|-------|-------|------------|-------------|-------|-------|-------|-------|-------|-------|-----|--|-------------------|
| Part No. | Part No. | A | B | C | Body Gauge | Panel Gauge | D | E | F | G | H | J | | | |
| 1422A8F | 1422A8 | 54.13 | 42.06 | 8.69 | 14 | 12 | 50.00 | 38.00 | 4.03 | 52.25 | 20.13 | 8.96 | 275 | | |
| 1422B8F | 1422B8 | 60.13 | 48.06 | 8.69 | 12 | 10 | 56.00 | 44.00 | 4.03 | 58.25 | 23.13 | 7.96 | 450 | | |
| 1422B10F | 1422B10 | 60.13 | 48.06 | 10.69 | 12 | 10 | 56.00 | 44.00 | 5.03 | 58.25 | 23.13 | 9.96 | 475 | | |
| 1422D10F | 1422D10 | 60.13 | 60.06 | 10.69 | 12 | 10 | 56.00 | 56.00 | 5.03 | 58.25 | 29.13 | 9.96 | 550 | | |
| 1422E10F | 1422E10 | 72.13 | 60.06 | 10.69 | 12 | 10 | 68.00 | 56.00 | 5.03 | 70.25 | 29.13 | 9.96 | 625 | | |
| 1422F10F | 1422F10 | 72.13 | 72.06 | 10.69 | 12 | 10 | 68.00 | 38.00 | 5.03 | 70.25 | 35.13 | 9.96 | 740 | | |
| 1422B12F | 1422B12 | 60.13 | 48.06 | 12.69 | 12 | 10 | 56.00 | 44.00 | 5.03 | 58.25 | 23.13 | 11.96 | 491 | | |
| 1422D12F | 1422D12 | 60.13 | 60.06 | 12.69 | 12 | 10 | 56.00 | 56.00 | 5.03 | 58.25 | 29.13 | 11.96 | 567 | | |
| 1422E12F | 1422E12 | 72.13 | 60.06 | 12.69 | 12/10 | 10 | 68.00 | 56.00 | 5.03 | 70.25 | 29.13 | 11.96 | 645 | | |
| 1422F12F | 1422F12 | 72.13 | 72.06 | 12.69 | 12/10 | 10 | 68.00 | 68.00 | 5.03 | 70.25 | 35.13 | 11.96 | 750 | | |
| 1422B16F | 1422B16 | 60.13 | 48.06 | 16.69 | 12 | 10 | 56.00 | 44.00 | 8.03 | 58.25 | 23.13 | 15.96 | 520 | | |
| 1422D16F | 1422D16 | 60.13 | 60.06 | 16.69 | 12 | 10 | 56.00 | 56.00 | 8.03 | 58.25 | 29.13 | 15.96 | 610 | | |
| 1422E16F | 1422E16 | 72.13 | 60.06 | 16.69 | 12/10 | 10 | 68.00 | 56.00 | 8.03 | 70.25 | 29.13 | 15.96 | 740 | | |
| 1422F16F | 1422F16 | 72.13 | 72.06 | 16.69 | 12/10 | 10 | 68.00 | 68.00 | 8.03 | 70.25 | 35.13 | 15.96 | 795 | | |
| 1422B20F | 1422B20 | 60.13 | 48.06 | 20.69 | 12 | 10 | 56.00 | 44.00 | 10.03 | 58.25 | 23.13 | 19.96 | 506 | | |
| 1422E20F | 1422E20 | 72.13 | 60.06 | 20.69 | 12/10 | 10 | 68.00 | 56.00 | 10.03 | 70.25 | 29.13 | 19.96 | 750 | | |
| 1422F20F | 1422F20 | 72.13 | 72.06 | 20.69 | 12/10 | 10 | 68.00 | 68.00 | 10.03 | 70.25 | 35.13 | 19.96 | 885 | | |

| w/ Feet Part No. | w/o Feet Part No. | A | B | C | Body Gauge | Panel Gauge | Panel Size | | F | G | H | J | Ship Wt. (lbs) |
|---------------------|----------------------|-------|-------|-------|---------------|----------------|------------|-------|-------|-------|-------|-------|-------------------|
| 1422B24F | 1422B24 | 60.13 | 48.06 | 24.69 | 12 | 10 | 56.00 | 44.00 | 12.03 | 58.25 | 23.13 | 23.96 | 550 |
| 1422D24F | 1422D24 | 60.13 | 60.06 | 24.69 | 12 | 10 | 56.00 | 56.00 | 12.03 | 58.25 | 29.13 | 23.96 | 660 |
| 1422E24F | 1422E24 | 72.13 | 60.06 | 24.69 | 12/10 | 10 | 68.00 | 56.00 | 12.03 | 70.25 | 29.13 | 23.96 | 810 |
| 1422F24F | 1422F24 | 72.13 | 72.06 | 24.69 | 12/10 | 10 | 68.00 | 68.00 | 12.03 | 70.25 | 35.13 | 23.96 | 945 |

Data subject to change without notice