

## FREE-STAND, TYPE 4



### INDUSTRY STANDARDS

UL 508A Listed; Type 4, 12; File No. E61997  
cUL Listed per CSA C22.2 No. 94; Type 4, 12; File No. E61997

NEMA Type 3, 4, 12, 13  
CSA, File No. 42186, Type 4, 12  
E.I.A. RS310D  
IEC 60529, IP66

### Standard Product

| Catalog Number | AxBxC in./mm                              | X in./mm     | Number of Rack Units |
|----------------|-------------------------------------------|--------------|----------------------|
| A72H2518FS     | 72.06 x 25.06 x 18.06<br>1830 x 637 x 459 | 6.38<br>162  | 35                   |
| A72H3124FS     | 72.06 x 31.06 x 24.06<br>1830 x 789 x 611 | 8.38<br>213  | 35                   |
| A72H3724FS     | 72.06 x 37.06 x 24.06<br>1830 x 941 x 611 | 10.38<br>264 | 35                   |

### APPLICATION

These enclosures are ideal for mounting equipment on panels or racks in indoor or outdoor applications where it is necessary to protect controls and instrumentation from wet, non-corrosive environments.

### SPECIFICATIONS

- 12 gauge steel
- Seams continuously welded and ground smooth; no holes or knockouts
- Internal mounting channels welded horizontally at top, bottom and center
- Panels and rack-mounting angles can be mounted anywhere along channels
- Return flange around three sides of door and along enclosure opening excludes liquids and contaminants
- Stainless steel door clamps assure water-tight seal
- Hasp and staple provided for padlocking
- Data pocket is high-impact thermoplastic
- Lifting eyes for easy handling
- Oil-resistant door gasket
- Bonding provision on door
- Provision for mounting fluorescent light

### FINISH

ANSI 61 gray polyester powder paint inside and out over pretreated surfaces. Optional panels have white or conductive finish.

### ACCESSORIES

See also *Accessories*.

Industrial Corrosion Inhibitors

PANELITE™ Enclosure Lights Overview

Panel Support Kit

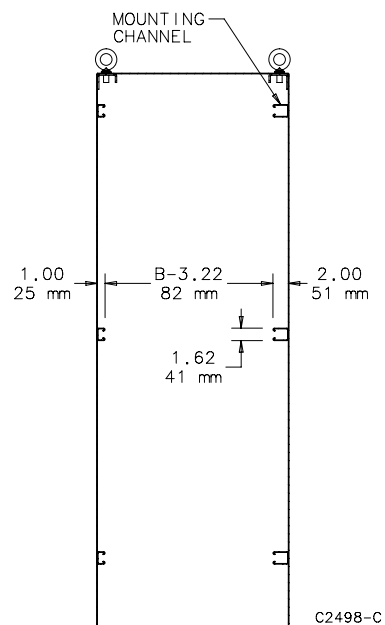
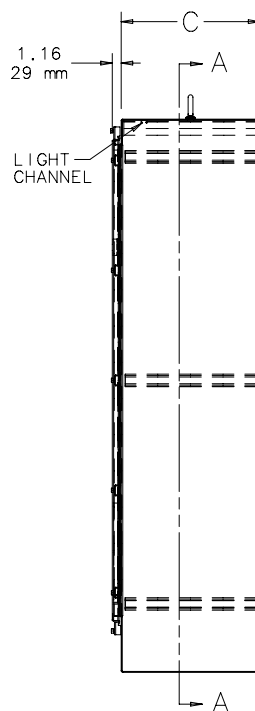
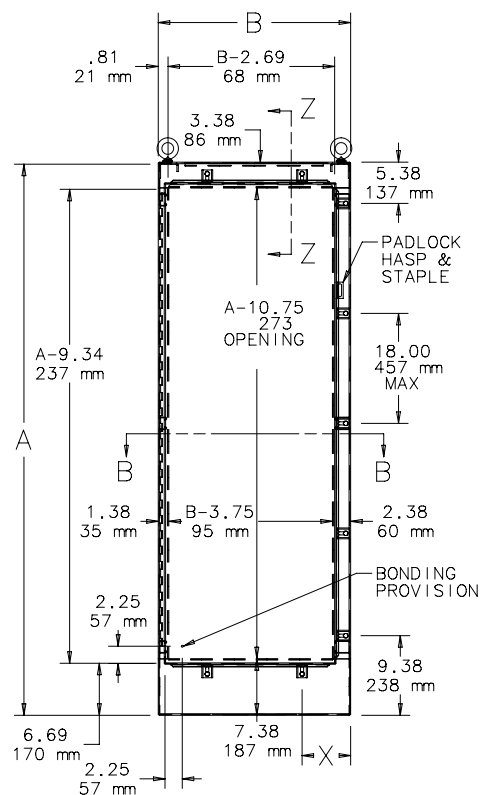
Rack Mounting Angles - U Style (Type RA)

Rack Panels

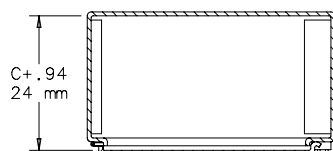
### MODIFICATION AND CUSTOMIZATION

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

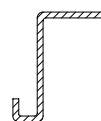
### BULLETIN: A4L



SECTION A-A



SECTION B-B



SECTION Z-Z

## FREE-STAND TYPE 4 ACCESSORIES

BULLETIN: A80, D10, PNL30, PNLFS

### Panels

| Catalog Number | Description            | Panel Size (in.) | Panel Size (mm) | Use With                |
|----------------|------------------------|------------------|-----------------|-------------------------|
| A60P24F1       | Full Panel, Mild Steel | 48.00 x 20.00    | 1219 x 508      | A72H2518FS <sup>a</sup> |
| A60P24F1G      | Full Panel, Conductive | 48.00 x 20.00    | 1219 x 508      | A72H2518FS <sup>a</sup> |
| A60P24F2       | Half Panel, Mild Steel | 24.88 x 20.00    | 632 x 508       | A72H2518FS <sup>a</sup> |
| A60P24F2G      | Half Panel, Conductive | 24.88 x 20.00    | 632 x 508       | A72H2518FS <sup>a</sup> |
| A72P24F1       | Full Panel, Mild Steel | 60.00 x 20.00    | 1524 x 508      | A72H2518FS              |
| A72P24F1G      | Full Panel, Conductive | 60.00 x 20.00    | 1524 x 508      | A72H2518FS              |
| A72P24F2       | Half Panel, Mild Steel | 30.88 x 20.00    | 784 x 508       | A72H2518FS              |
| A72P24F2G      | Half Panel, Conductive | 30.88 x 20.00    | 784 x 508       | A72H2518FS              |
| A90P24F2       | Half Panel, Mild Steel | 39.88 x 20.00    | 1013 x 508      | A72H2518FS <sup>a</sup> |
| A90P24F2G      | Half Panel, Conductive | 39.88 x 20.00    | 1013 x 508      | A72H2518FS <sup>a</sup> |
| A72P30F1       | Full Panel, Mild Steel | 60.00 x 26.00    | 1525 x 661      | A72H3124FS              |
| A72P30F1G      | Full Panel, Conductive | 60.00 x 26.00    | 1525 x 661      | A72H3124FS              |
| A72P30F2       | Half Panel, Mild Steel | 30.88 x 26.00    | 784 x 660       | A72H3124FS              |
| A72P30F2G      | Half Panel, Conductive | 30.88 x 26.00    | 784 x 660       | A72H3124FS              |
| A60P36F1       | Full Panel, Mild Steel | 48.00 x 32.00    | 1219 x 813      | A72H3724FS <sup>a</sup> |
| A60P36F1G      | Full Panel, Conductive | 48.00 x 32.00    | 1219 x 813      | A72H3724FS <sup>a</sup> |
| A60P36F2       | Half Panel, Mild Steel | 24.88 x 32.00    | 632 x 813       | A72H3724FS <sup>a</sup> |
| A60P36F2G      | Half Panel, Conductive | 24.88 x 32.00    | 632 x 813       | A72H3724FS <sup>a</sup> |
| A72P36F1       | Full Panel, Mild Steel | 60.00 x 32.00    | 1524 x 813      | A72H3724FS              |
| A72P36F1G      | Full Panel, Conductive | 60.00 x 32.00    | 1524 x 813      | A72H3724FS              |
| A72P36F2       | Half Panel, Mild Steel | 30.88 x 32.00    | 784 x 813       | A72H3724FS              |
| A72P36F2G      | Half Panel, Conductive | 30.88 x 32.00    | 784 x 813       | A72H3724FS              |
| A90P36F2       | Half Panel, Mild Steel | 39.88 x 32.00    | 1013 x 813      | A72H3724FS <sup>a</sup> |
| A90P36F2G      | Half Panel, Conductive | 39.88 x 32.00    | 1013 x 813      | A72H3724FS <sup>a</sup> |

<sup>a</sup>Requires heavy duty panel support.

### Swing-Out Panels

| Catalog Number | Description | Panel Size (in.) | Panel Size (mm) | Use With   |
|----------------|-------------|------------------|-----------------|------------|
| A72SP24F3      | Full Panel  | 60.00 x 18.81    | 1524 x 478      | A72H2518FS |
| A72SP24F4      | Half Panel  | 30.88 x 18.81    | 784 x 478       | A72H2518FS |
| A72SP30F3      | Full Panel  | 60.00 x 24.81    | 1524 x 630      | A72H3124FS |
| A72SP30F4      | Half Panel  | 30.88 x 24.81    | 784 x 630       | A72H3124FS |
| A72SP36F3      | Full Panel  | 60.00 x 30.81    | 1524 x 783      | A72H3724FS |
| A72SP36F4      | Half Panel  | 30.88 x 33.81    | 784 x 859       | A72H3724FS |

### Side-Mount Panels

| Catalog Number | Description      | Panel Size (in.) | Panel Size (mm) | Use With                           |
|----------------|------------------|------------------|-----------------|------------------------------------|
| A72SMP14       | Side-Mount Panel | 60.00 x 14.00    | 1524 x 356      | A72H2518FS, A72H3124FS, A72H3724FS |
| A72SMP20       | Side-Mount Panel | 60.00 x 20.00    | 1524 x 508      | A72H3124FS, A72H3724FS             |

### Heavy Duty Panel Supports

| Catalog Number | Description                    | Length (in.) | Length (mm) | Use With                           |
|----------------|--------------------------------|--------------|-------------|------------------------------------|
| A72FSHDPS      | Two Full-Length Panel Supports | 60.25        | 1759        | A72H2518FS, A72H3124FS, A72H3724FS |

### Clamp Nuts

| Catalog Number | Description                   | For         | Use With                           |
|----------------|-------------------------------|-------------|------------------------------------|
| APS1420CN      | 1/4 - 20 Clamp Nut (Qty. 20)  | Special Use | A72H2518FS, A72H3124FS, A72H3724FS |
| APS51618CN     | 5/16 - 18 Clamp Nut (Qty. 20) | Special Use | A72H2518FS, A72H3124FS, A72H3724FS |

### Casters

| Catalog Number | Description      | Size                | Use With                           |
|----------------|------------------|---------------------|------------------------------------|
| DMCKC          | Set of 4 Casters | 4 high x 3 diameter | A72H2518FS, A72H3124FS, A72H3724FS |

## RACK-MOUNT ACCESSORIES

### BULLETIN: A80, X20

#### Rack-Mount Angles L-Style (Type RP) for 19- and 24-in. Equipment

| Catalog Number | Description            | For Rack Size (in.) | For Rack Size (mm) | Angle Length (in.) | Angle Length (mm) | Number of Rack Units | Use With   |
|----------------|------------------------|---------------------|--------------------|--------------------|-------------------|----------------------|------------|
| A60RP24F5      | Two Full-Length Angles | 19.00               | 483                | 49.00              | 1245              | 28                   | A72H2518FS |
| A72RP24F5      | Two Full-Length Angles | 19.00               | 483                | 61.25              | 1556              | 35                   | A72H2518FS |
| A72RP24F6      | Two Half-Length Angles | 19.00               | 483                | 31.50              | 800               | 18                   | A72H2518FS |
| A72RP30F5      | Two Full-Length Angles | 24.00               | 610                | 61.25              | 1556              | 35                   | A72H3124FS |
| A72RP30F6      | Two Half-Length Angles | 24.00               | 610                | 31.50              | 800               | 18                   | A72H3124FS |
| A90RP24F5      | Two Half-Length Angles | 19.00               | 483                | 40.25              | 1022              | 23                   | A72H2518FS |

#### Rack-Mount Angles U-Style (Type RA) for 19- and 24-in. Equipment

| Catalog Number | Description            | For Rack Size (in.) | For Rack Size (mm) | Angle Length (in.) | Angle Length (mm) | Number of Rack Units | Use With   |
|----------------|------------------------|---------------------|--------------------|--------------------|-------------------|----------------------|------------|
| A60RA19TH      | Two Full-Length Angles | 19.00               | 483                | 49.00              | 1245              | 28                   | A72H2518FS |
| A72RA19TH      | Two Full-Length Angles | 19.00               | 483                | 61.25              | 1556              | 35                   | A72H2518FS |
| A72RA24TH      | Two Full-Length Angles | 24.00               | 610                | 61.25              | 1556              | 35                   | A72H3124FS |

#### Clip Nut Package

| Catalog Number | Description      | Size      | Fits                        | Use With   |
|----------------|------------------|-----------|-----------------------------|------------|
| AN1032         | Plated (Qty. 20) | #10-32    | "RA" Type Rack Mount Angles | A72H2518FS |
| ANM5           | Plated (Qty. 20) | Metric M5 | "RA" Type Rack Mount Angles | A72H3124FS |

#### 19-in. Swing-Out Rack-Mount Frame

| Catalog Number | Description          | For Rack Size (in.) | For Rack Size (mm) | Panel Space (in.) | Panel Space (mm) | Number of Rack Units | Use With                     |
|----------------|----------------------|---------------------|--------------------|-------------------|------------------|----------------------|------------------------------|
| A7236SOF19     | Full Swing-Out Frame | 19                  | 483                | 57.99             | 1470             | 33                   | A727218SSFSD<br>A727224SSFSD |

#### Screw Package

| Catalog Number | Description             | Size                           | Fits                             | Use With                           |
|----------------|-------------------------|--------------------------------|----------------------------------|------------------------------------|
| AS1032         | Nickel-plated (Qty. 20) | #10-32 x .75 Truss Head        | RA and RP Type Rack-Mount Angles | A72H2518FS, A72H3124FS, A72H3724FS |
| ASM5           | Nickel-plated (Qty. 20) | Pan head combination screw, M5 | RA only                          | A72H2518FS, A72H3124FS, A72H3724FS |

## ADDITIONAL RACK-MOUNT ACCESSORIES



BULLETIN: P20

### Writing Surface

| Catalog Number | Description    | Fits Drawer      | Use With <sup>a</sup> |
|----------------|----------------|------------------|-----------------------|
| DL29WS         | Hinged Surface | DL329DR, DL729DR | A72H2518FS            |

<sup>a</sup>Requires two sets of U-style (type RA) rack-mount angles for installation.

### 24-in. Rack-Mount Shelves

| Catalog Number | Description    | For Rack Size (in.) | For Rack Size (mm) | Number of Rack Units | Use With <sup>a</sup> |
|----------------|----------------|---------------------|--------------------|----------------------|-----------------------|
| DL29SHP        | Pull-Out Shelf | 24.00               | 610                | 1                    | A72H3124FS            |
| DL29SH         | Fixed Shelf    | 24.00               | 610                | 1                    | A72H3124FS            |

One rack unit = 1.75 in. (45 mm)

<sup>a</sup>Requires two sets of U-style (type RA) rack-mount angles for installation.

### Guides for Rack-Mount Equipment

| Catalog Number | Description        | Number of Rack Units | Use With <sup>a</sup> |
|----------------|--------------------|----------------------|-----------------------|
| AG1U6          | Chassis Guides (2) | 1                    | A72H3124FS            |

One rack unit = 1.75 in. (45 mm)

<sup>a</sup>Requires two sets of U-style (type RA) rack-mount angles for installation.

### 19-in. Rack Panels

| Catalog Number | Description         | Rack Panel Size (in.) | Rack Panel Size (mm) | Rack Units | Use With <sup>a</sup>                                                                                 |
|----------------|---------------------|-----------------------|----------------------|------------|-------------------------------------------------------------------------------------------------------|
| P19RP1UA       | Aluminum Rack Panel | 19.00 x 1.75          | 483 x 44             | 1          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT |
| P19RP2UA       | Aluminum Rack Panel | 19.00 x 3.50          | 483 x 89             | 2          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP3UA       | Aluminum Rack Panel | 19.00 x 5.25          | 483 x 133            | 3          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP4UA       | Aluminum Rack Panel | 19.00 x 7.00          | 483 x 178            | 4          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP5UA       | Aluminum Rack Panel | 19.00 x 8.75          | 483 x 222            | 5          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP6UA       | Aluminum Rack Panel | 19.00 x 10.50         | 483 x 267            | 6          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP7UA       | Aluminum Rack Panel | 19.00 x 12.25         | 483 x 311            | 7          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP8UA       | Aluminum Rack Panel | 19.00 x 14.00         | 483 x 356            | 8          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP9UA       | Aluminum Rack Panel | 19.00 x 15.75         | 483 x 400            | 9          | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP10UA      | Aluminum Rack Panel | 19.00 x 17.50         | 483 x 445            | 10         | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP11UA      | Aluminum Rack Panel | 19.00 x 19.25         | 483 x 489            | 11         | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P19RP12UA      | Aluminum Rack Panel | 19.00 x 21.00         | 483 x 533            | 12         | A72H2518FS3PT, A72H3124FS3PT <sup>b</sup> , A72H3724FS3PT                                             |
| P24RP2UA       | Aluminum Rack Panel | 24.00 x 3.50          | 610 x 89             | 2          | A72H3124FS3PT                                                                                         |
| P24RP3UA       | Aluminum Rack Panel | 24.00 x 5.25          | 610 x 133            | 3          | A72H3124FS3PT                                                                                         |
| P24RP4UA       | Aluminum Rack Panel | 24.00 x 7.00          | 610 x 178            | 4          | A72H3124FS3PT                                                                                         |
| P24RP8UA       | Aluminum Rack Panel | 24.00 x 14.00         | 610 x 356            | 8          |                                                                                                       |

One rack unit = 1.75 in. (45 mm)

<sup>a</sup>Requires swing-out rack mounting frame.

Notes