nVent | HOFFMAN

We connect and protect

Universal Free-Stand Product

Universal Free-Stand Enclosures, Type 12, 3R, 4



INDUSTRY STANDARDS

- UL 508A Listed; Type 4, 12, 3R; File No. E61997
- cUL Listed per CSA C22.2 No. 94; Type 4, 12, 3R; File No. E61997
- NEMA Type 4, 12, 3R
- CSA File No. 42186: Type 4, 12, 3R
- IEC 60529, IP66
- IEC 62208, IK10 Impact Rating

APPLICATION

Universal Free-Stand Enclosure is designed to protect equipment and employees in industrial manufacturing applications. The one and two-door models are bayed together to create application specific configurations for indoor and outdoor use. Accessories are available to improve end user safety and add additional panel space.

FINISH

- ANSI 61 gray powder coated paint finish outside and inside over pretreated surfaces
- Panels (order separately) have white or conductive finish
- End plates are ANSI 61 gray powder coated finish inside and outside

FEATURES

Primary enclosure (left side open):
One- and two-door models with a preferred or universal disconnect cutout on the right flange to provide mounting for most disconnect operators. The doors are hinged on the left side to interact with disconnect device. The Primary door activates the furnished mechanical interlock which prevents bayed secondary doors from being opened first.
The bayed doors can be closed in any order. The primary door has a defeater which requires a screwdriver to open.

Secondary enclosure (both sides open, right side open):
One- and two-door models are used to expand solution and configure for required application. Two-door models have removable centerpost for improved panel loading. Interlock components are furnished with interlock connection rods shipped loose.

Mechanical Interlock System:
The improved mechanical interlock is easy to install and superiorly secure. The latching systems captivate the door rod guides, adding security by maintaining three-point contact. The interlock is also easily modified for voltage separation or easily expanded up to six doors.

SPECIFICATIONS

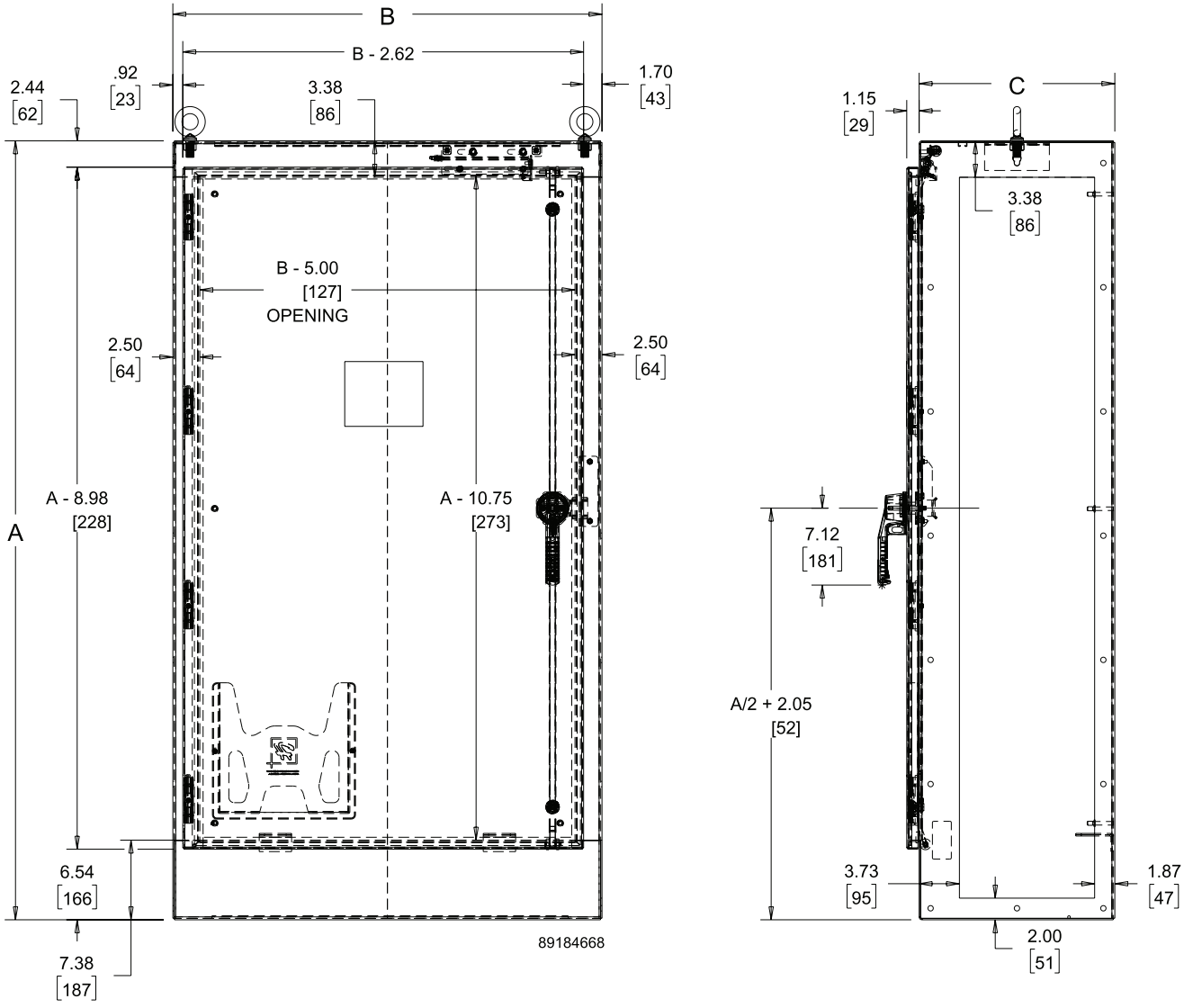
- Body – 11 gauge mild steel
- Doors – 12 gauge mild steel
- Seams are continuously welded and ground smooth
- Body stiffeners in larger enclosures for extra rigidity
- Body flange trough excludes liquids and contaminants
- Heavy-duty lifting eyes anchor into reinforced top
- Concealed, easy-to-remove hinges
- Heavy-duty 3-point latching mechanism operated by padlocking handle on all doors
- Data pocket is high-impact thermoplastic
- Oil-resistant door gasket
- Panel supports
- Bonding provision on door
- Mechanical interlock standard on each enclosure; parts required to connect interlock system between adjacent enclosures are provided

NOTES

Sequestr solutions are compatible with Universal Free-Stand enclosures. Please see Sequestr spec sheets and installation instructions for more details.

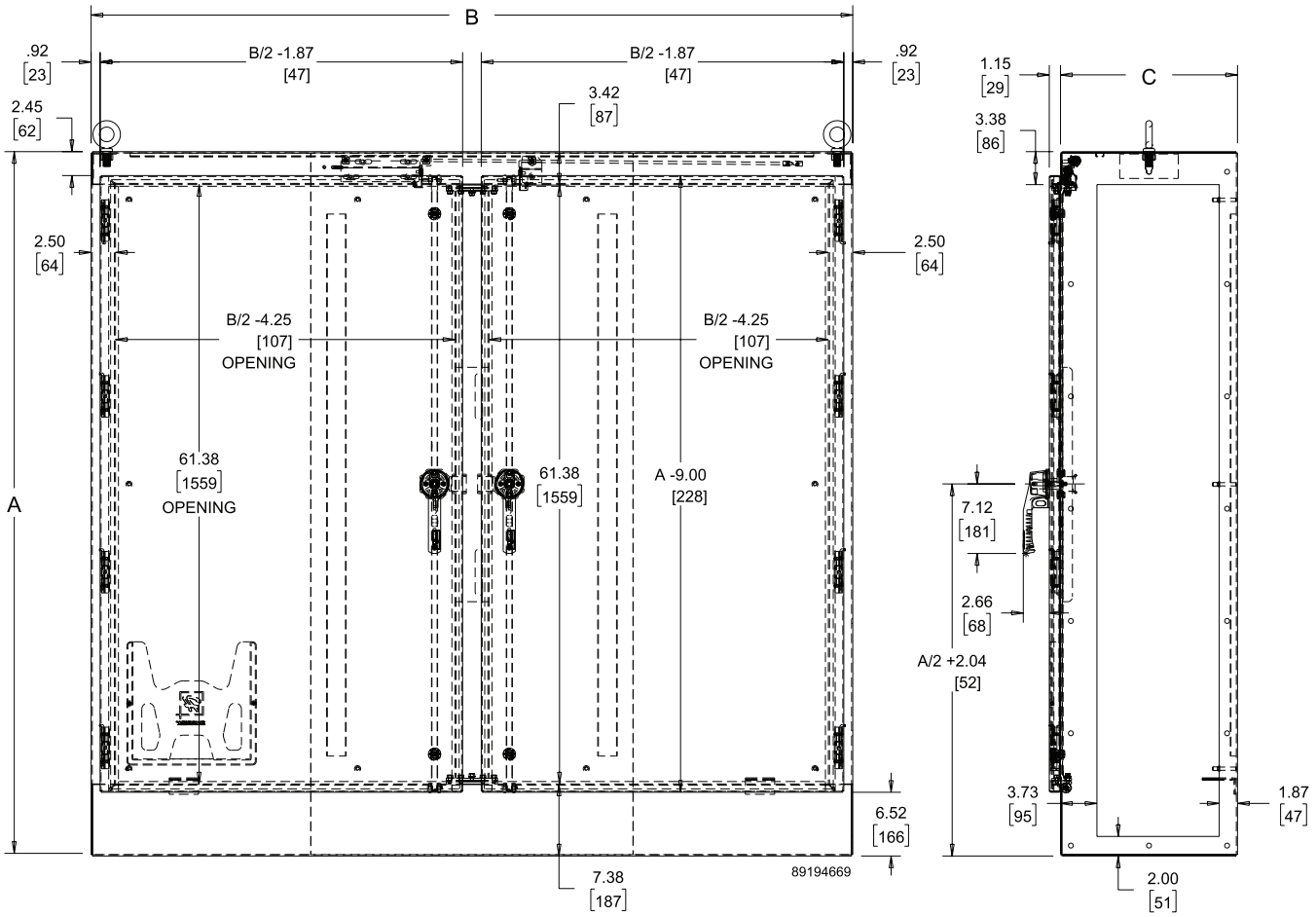
ONE-DOOR UNIVERSAL FREE-STAND ENCLOSURES, TYPE 4

Catalog Number	A×B×C in./mm	Sides Open	Cutout Type	Material	Panel, Painted	Panel, Conductive	Panel Size in./mm
AU72X4018BLP	72.13 × 39.76 × 18.11 1832 × 1010 × 460	Both	No Cutout	Mild Steel	A72PM40	A72PM40G	60.00 × 33.75 1524 × 857
AU72X4018LLP	72.13 × 40.24 × 18.11 1832 × 1022 × 460	Left	Preferred	Mild Steel	A72PM40	A72PM40G	60.00 × 33.75 1524 × 857
AU72X4018LUCLP	72.13 × 40.24 × 18.11 1832 × 1022 × 460	Left	Universal	Mild Steel	A72PM40	A72PM40G	60.00 × 33.75 1524 × 857
AU72X4018RLP	72.13 × 39.76 × 18.11 1832 × 1010 × 460	Right	No Cutout	Mild Steel	A72PM40	A72PM40G	60.00 × 33.75 1524 × 857
AU84X4018BLP	84.13 × 39.76 × 18.11 2137 × 1010 × 460	Both	No Cutout	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU84X4018LLP	84.13 × 40.24 × 18.11 2137 × 1022 × 460	Left	Preferred	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU84X4018LUCLP	84.13 × 40.24 × 18.11 2137 × 1022 × 460	Left	Universal	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU84X4018RLP	84.13 × 39.76 × 18.11 2137 × 1010 × 460	Right	No Cutout	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU84X4024BLP	84.13 × 39.76 × 24.13 2137 × 1010 × 613	Both	No Cutout	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU84X4024LLP	84.13 × 40.24 × 24.13 2137 × 1022 × 613	Left	Preferred	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU84X4024LUCLP	84.13 × 40.24 × 24.13 2137 × 1022 × 613	Left	Universal	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU84X4024RLP	84.13 × 39.76 × 24.13 2137 × 1010 × 613	Right	No Cutout	Mild Steel	A84PM40	A84PM40G	72.00 × 33.75 1829 × 857
AU90X4018BLP	90.13 × 39.76 × 18.11 2286 × 1010 × 460	Both	None	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857
AU90X4018LLP	90.13 × 39.76 × 18.11 2286 × 1010 × 460	Left	Preferred	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857
AU90X4018LUCLP	90.13 × 39.76 × 18.11 2286 × 1010 × 460	Left	Universal	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857
AU90X4018RLP	90.13 × 39.76 × 18.11 2286 × 1010 × 460	Right	None	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857
AU90X4024BLP	90.13 × 39.76 × 24.13 2286 × 1010 × 613	Both	None	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857
AU90X4024LLP	90.13 × 39.76 × 24.13 2286 × 1010 × 613	Left	Preferred	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857
AU90X4024LUCLP	90.13 × 39.76 × 24.13 2286 × 1010 × 613	Left	Universal	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857
AU90X4024RLP	90.13 × 39.76 × 24.13 2286 × 1010 × 613	Right	None	Mild Steel	A90PM40	A90PM40G	78.00 × 33.75 1982 × 857

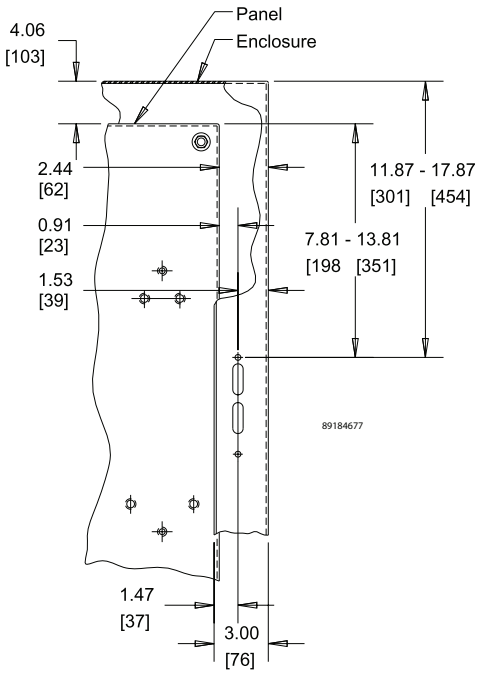

B
B - 2.62
2.44
[62]
.92
[23]
3.38
[86]
1.70
[43]
B - 5.00
[127]
OPENING
2.50
[64]
2.50
[64]
A
A - 8.98
[228]
A - 10.75
[273]
6.54
[166]
7.38
[187]
89184668
C
1.15
[29]
3.38
[86]
7.12
[181]
A/2 + 2.05
[52]
3.73
[95]
1.87
[47]
2.00
[51]

TWO-DOOR UNIVERSAL FREE-STAND ENCLOSURES, TYPE 4

Catalog Number	A×B×C in./mm	Sides Open	Cutout Type	Material	Panel, Painted	Panel, Conductive	Panel Size in./mm
AU72X7818BLP	72.13 × 77.99 × 18.11 1832 × 1981 × 460	Both	No Cutout	Mild Steel	A72PM78	A72PM78G	60.00 × 72.00 1524 × 1829
AU72X7818LLP	72.13 × 78.50 × 18.11 1832 × 1994 × 460	Left	Preferred	Mild Steel	A72PM78	A72PM78G	60.00 × 72.00 1524 × 1829
AU72X7818LUCLP	72.13 × 78.50 × 18.11 1832 × 1994 × 460	Left	Universal	Mild Steel	A72PM78	A72PM78G	60.00 × 72.00 1524 × 1829
AU72X7818RLP	72.13 × 77.99 × 18.11 1832 × 1981 × 460	Right	No Cutout	Mild Steel	A72PM78	A72PM78G	60.00 × 72.00 1524 × 1829
AU84X7818BLP	84.13 × 77.99 × 18.11 2137 × 1981 × 460	Both	No Cutout	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU84X7818LLP	84.13 × 78.50 × 18.11 2137 × 1994 × 460	Left	Preferred	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU84X7818LUCLP	84.13 × 78.50 × 18.11 2137 × 1994 × 460	Left	Universal	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU84X7818RLP	84.13 × 77.99 × 18.11 2137 × 1981 × 460	Right	No Cutout	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU84X7824BLP	84.13 × 77.99 × 24.13 2137 × 1981 × 613	Both	No Cutout	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU84X7824LLP	84.13 × 78.50 × 24.13 2137 × 1994 × 613	Left	Preferred	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU84X7824LUCLP	84.13 × 78.50 × 24.13 2137 × 1994 × 613	Left	Universal	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU84X7824RLP	84.13 × 77.99 × 24.13 2137 × 1981 × 613	Right	No Cutout	Mild Steel	A84PM78	A84PM78G	72.00 × 72.00 1829 × 1829
AU90X7818BLP	90.13 × 77.99 × 18.11 2286 × 1981 × 460	Both	None	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829
AU90X7818LLP	90.13 × 77.99 × 18.11 2286 × 1981 × 460	Left	Preferred	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829
AU90X7818LUCLP	90.13 × 77.99 × 18.11 2286 × 1981 × 460	Left	Universal	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829
AU90X7818RLP	90.13 × 77.99 × 18.11 2286 × 1981 × 460	Right	None	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829
AU90X7824BLP	90.13 × 77.99 × 24.13 2286 × 1981 × 613	Both	None	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829
AU90X7824LLP	90.13 × 77.99 × 24.13 2286 × 1981 × 613	Left	Preferred	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829
AU90X7824LUCLP	90.13 × 77.99 × 24.13 2286 × 1981 × 613	Left	Universal	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829
AU90X7824RLP	90.13 × 77.99 × 24.13 2286 × 1981 × 613	Right	None	Mild Steel	A90PM78	A90PM78G	78.00 × 72.00 1982 × 1829

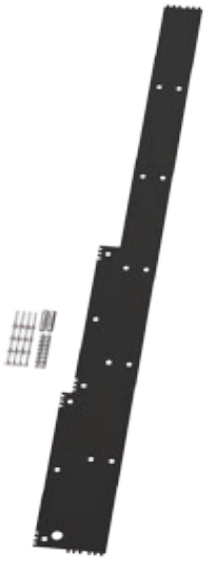

B
.92
[23]
B/2 -1.87
[47]
B/2 -1.87
[47]
.92
[23]
3.42
[87]
2.45
[62]
2.50
[64]
2.50
[64]
B/2 -4.25
[107]
OPENING
B/2 -4.25
[107]
OPENING
61.38
[1559]
OPENING
61.38
[1559]
A -9.00
[228]
A
6.52
[166]
7.38
[187]
89194669
1.15
[29]
C
3.38
[86]
7.12
[181]
2.66
[68]
A/2 +2.04
[52]
3.73
[95]
1.87
[47]
2.00
[51]

DISCONNECT CUTOUT DIMENSIONS



The universal Free-Stand left side open models have a preferred cutout with the following critical dimensions. Consult disconnect manufactures instruction manual for proper device installation.

UNIVERSAL FREE-STAND GASKET BAYING KIT



Gasket Baying Kit is used to bay multiple Universal Free-Stand Enclosures together and is rated 4, 4X, 12, 3R and IP66. Includes gasket and baying hardware.

Universal Free-stand Gasket Baying kit

Catalog Number	Height in./mm	Width in./mm	Depth in./mm
AU7218FGK	72.13 1832	18.11 460	.13 3
AU8418FGK	84.13 2137	18.11 460	.13 3
AU8424FGK	84.13 2137	24.13 613	.13 3
AU9018FGK	90.13 2286	18.11 460	0.13 3
AU9024FGK	90.13 2286	24.13 613	0.13 3

UNIVERSAL FREE-STAND FORMED END PLATE, MILD STEEL



End plate is used to seal open side(s) of Universal Free-Stand Enclosures. The 2.50-inch deep End Plate allows extra wiring space and is Type 4, 12, 3R and IP66 rated. Gasket and mounting bolts are included.

Universal Free-stand Formed end plate, Mild steel

Catalog Number	Material	Color	Height in./mm	Width in./mm	Depth in./mm
AU7218EPT	Mild Steel	ANSI 61 Gray	72.13 1832	18.11 460	2.50 64
AU8418EPT	Mild Steel	ANSI 61 Gray	84.13 2137	18.11 460	2.50 64
AU8424EPT	Mild Steel	ANSI 61 Gray	84.13 2137	24.13 613	2.50 64
AU9018EPT	Mild Steel	ANSI 61 Gray	90.13 2286	18.11 460	2.5 64
AU9024EPT	Mild Steel	ANSI 61 Gray	90.13 2286	24.13 613	2.5 64

UNIVERSAL FREE-STAND FLAT END PLATE, MILD STEEL



Flat End plate is used to seal open side(s) of Universal Free-Stand Enclosures. The Flat End Plate provides a low profile cover and is Type 4, 12, 3R, and IP66 rated. Studs welded to the end plate eliminate bolt holes. Gasket and mounting hardware are furnished.

Universal Free-stand Flat end plate, Mild steel

Catalog Number	Material	Color	Height in./mm	Width in./mm
AU7218FEP	Mild Steel	ANSI 61 Gray	72.13 1832	18.11 460
AU8418FEP	Mild Steel	ANSI 61 Gray	84.13 2137	18.11 460
AU8424FEP	Mild Steel	ANSI 61 Gray	84.13 2137	24.13 613
AU9018FEP	Mild Steel	ANSI 61 Gray	90.13 2286	18.11 460
AU9024FEP	Mild Steel	ANSI 61 Gray	90.13 2286	24.13 613

UNIVERSAL FREE-STAND BARRIER PANEL

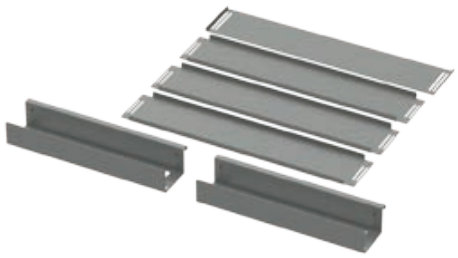


Barrier Panel is used to provide a Type 1 rated barrier between individual Universal Free-Stand Enclosures. Two-piece design mounts on the inside of the enclosure reducing a leak point, installation time and complexity. No additional hardware is required to install barrier once enclosures are bayed together.

Universal Free-stand Barrier panel

Catalog Number	Material	Color	Height in./mm	Width in./mm
AU7218BP	Mild Steel	White	72.01 1829	17.64 448
AU8418BP	Mild Steel	White	84.02 2134	17.64 448
AU8424BP	Mild Steel	White	84.02 2134	23.62 600
AU9018BP	Mild Steel	White	90.13 2286	18.11 460
AU9024BP	Mild Steel	White	90.13 2286	24.13 613

UNIVERSAL FREE-STAND SLIDING FALSE FLOOR



The Sliding False Floor is used to provide a Type 1 rated barrier between the bottom of the Universal Free-Stand Enclosure and the panel area.

Standard Product

Catalog Number	Material	Color	Height in./mm	Width in./mm	Depth in./mm
AU4018SFF	Mild Steel	ANSI 61 Gray	5.98 152	39.45 1002	17.52 445
AU4024SFF	Mild Steel	ANSI 61 Gray	5.98 152	39.45 1002	23.50 597



Side Panels can be added to any two-bayed surfaces for additional panel space without affecting the type rating.

Standard Product Small Side Panels

Catalog Number	Material	Finish	Color	Height in./ mm	Width in./ mm	Depth in./ mm
AU2418SP	Mild Steel	Painted	White	22.52 572	14.02 356	0.84 21
AU2418SPG	Mild Steel	Galvanized	Unpainted	22.52 572	14.02 356	0.84 21
AU2424SP	Mild Steel	Painted	White	22.52 572	20.00 508	0.84 21
AU2424SPG	Mild Steel	Galvanized	Unpainted	22.52 572	20.00 508	0.84 21

Standard Product Full Side Panels

Catalog Number	Material	Finish	Color	Height in./ mm	Width in./ mm	Depth in./ mm
AU7218SP	Mild Steel	Painted	White	60.00 1524	14.02 356	0.84 21
AU7218SPG	Mild Steel	Galvanized	Unpainted	60.00 1524	14.02 356	0.84 21
AU8418SP	Mild Steel	Painted	White	72.01 1829	14.02 356	0.84 21
AU8418SPG	Mild Steel	Galvanized	Unpainted	72.01 1829	14.02 356	0.84 21
AU8424SP	Mild Steel	Painted	White	72.01 1829	20.00 508	0.84 21
AU8424SPG	Mild Steel	Galvanized	Unpainted	72.01 1829	20.00 508	0.84 21
AU9018SP	Mild Steel	Painted	White	78 1981	14.02 356	0.84 21
AU9018SPG	Mild Steel	Galvanized	Unpainted	78 1981	14.02 356	0.84 21
AU9024SP	Mild Steel	Painted	White	78 1981	20 508	0.84 21
AU9024SPG	Mild Steel	Galvanized	Unpainted	78 1981	20 508	0.84 21

UNIVERSAL FREE-STAND FILLER PANEL



Filler panels are installed between two-bayed panels to provide a flush surface to run conduit and mount components.

Standard Product

Catalog Number	Material	Finish	Color	Height in./ mm	Width Bracket in./mm	Width Filler Panel in./ mm	Depth in./ mm
AU72FP	Mild Steel	Painted	White	60.00 1524	10.50 267	5.57 141	0.84 21
AU72FPG	Mild Steel	Galvanized	Unpainted	60.00 1524	10.50 267	5.57 141	0.84 21
AU84FP	Mild Steel	Painted	White	72.01 1829	10.50 267	5.57 141	0.84 21
AU84FPG	Mild Steel	Galvanized	Unpainted	72.01 1829	10.50 267	5.57 141	0.84 21
AU90FP	Mild Steel	Painted	White	78 1981	10.5 267	5.57 141	0.84 21
AU90FPG	Mild Steel	Galvanized	Unpainted	78 1981	10.5 267	5.57 141	0.84 21

UNIVERSAL FREE-STAND PANEL GLIDER



Panel Gliders are used to provide a smooth surface from the front lip of the enclosure to the back panel support. Gliders assist and improve panel installation process. They are intended to be used reusable tools to aid in the installation of panels and removed from enclosure after panel installation.

Standard Product

Catalog Number	Height in./mm	Width in./mm	Depth in./mm
AU18PGR	17.00 432	3.37 86	1.03 26
AU24PGR	23.00 584	3.37 86	1.03 26

UNIVERSAL FREE-STAND OPERATOR RELEASE MECHANISM



The Operator Release Mechanism provides a connection between the primary door handle orientation and the disconnect device. If the primary door handle is turned to the open position, the disconnect cannot be turned on. Must be used with an Operator Adapter for Preferred Cutouts (sold separately).

Standard Product

Catalog Number	Height in./mm	Width in./mm
AUORMK	9.88 251	1.61 41

MILD STEEL HIGH-AMP SEQUESTR COMBINATIONS

Pair the High-Amp Sequestr with these free-stand or floor-mount enclosures to create your desired arc flash prevention solution.

Modular Disconnect, Type 12
Bulletin A34



OR

Universal Free-Stand, Type 12, 3R, 4
Bulletin A35



High-Amp Sequestr, Type 4 and 12
Bulletin A70D



+

Free-Stand Disconnect, Type 12
Bulletins A28M1, A28M2, A28MM



OR

Floor-Mount Disconnect, Type 12
Bulletin A21



OR

Free-Stand Disconnect with Quick-Release Hinge, Type 4
Bulletin A4L3D



=

Arc Flash Prevention Solution



MILD STEEL LOW-AMP SEQUESTR COMBINATIONS

Pair the Low-Amp Sequestr with these free-stand or floor-mount enclosures to create your desired arc flash prevention solution.

Modular Disconnect, Type 12
Bulletin A34



OR

Universal Free-Stand, Type 12, 3R, 4
Bulletin A35



Low-Amp Sequestr, Type 4 and 12
Bulletin A70D



+

Free-Stand Disconnect, Type 12
Bulletins A28M1, A28M2, A28MM



OR

Floor-Mount Disconnect, Type 12
Bulletin A21



OR

Free-Stand Disconnect with Quick-Release Hinge, Type 4
Bulletin A4L3D



=

Arc Flash Prevention Solution



NOTES

Our powerful portfolio of brands:
CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

©2025 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.