

## 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

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.

### FEATURES

#### Primary enclosure (left side open):

One- and two-door models with a preferred 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

### 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

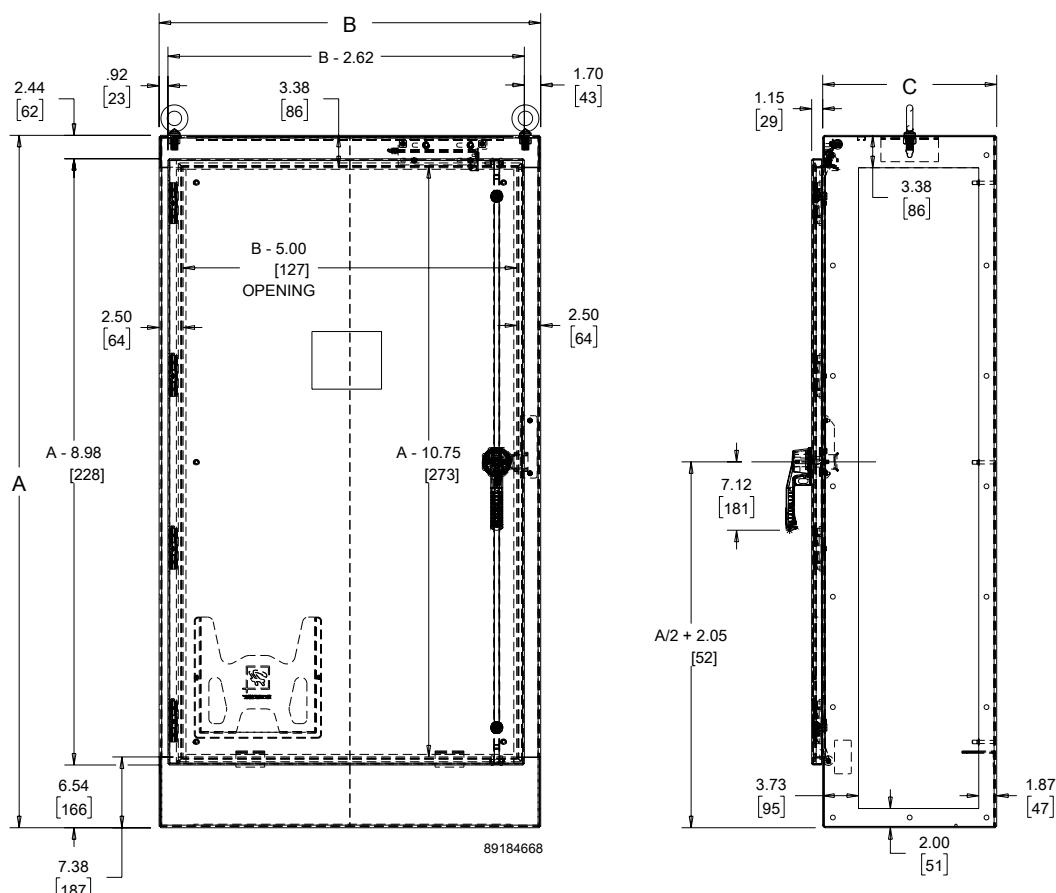
### NOTES

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

## Standard Product One-Door Universal Free-Stand Enclosures, Type 4

Catalog Number	AxBxC in./mm	Sides Open	Material	Panel, Painted	Panel, Conductive	Panel Size in./mm
AU72X4018BLP	72.13 x 39.76 x 18.11 1832 x 1010 x 460	Both	Mild Steel	A72PM40	A72PM40G	60.00 x 33.75 1524 x 857
AU72X4018LLP	72.13 x 40.24 x 18.11 1832 x 1022 x 460	Left	Mild Steel	A72PM40	A72PM40G	60.00 x 33.75 1524 x 857
AU72X4018RLP	72.13 x 39.76 x 18.11 1832 x 1010 x 460	Right	Mild Steel	A72PM40	A72PM40G	60.00 x 33.75 1524 x 857
AU84X4018BLP	84.13 x 39.76 x 18.11 2137 x 1010 x 460	Both	Mild Steel	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AU84X4018LLP	84.13 x 40.24 x 18.11 2137 x 1022 x 460	Left	Mild Steel	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AU84X4018RLP	84.13 x 39.76 x 18.11 2137 x 1010 x 460	Right	Mild Steel	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AU84X4024BLP	84.13 x 39.76 x 24.13 2137 x 1010 x 613	Both	Mild Steel	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AU84X4024LLP	84.13 x 40.24 x 24.13 2137 x 1022 x 613	Left	Mild Steel	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AU84X4024RLP	84.13 x 39.76 x 24.13 2137 x 1010 x 613	Right	Mild Steel	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857

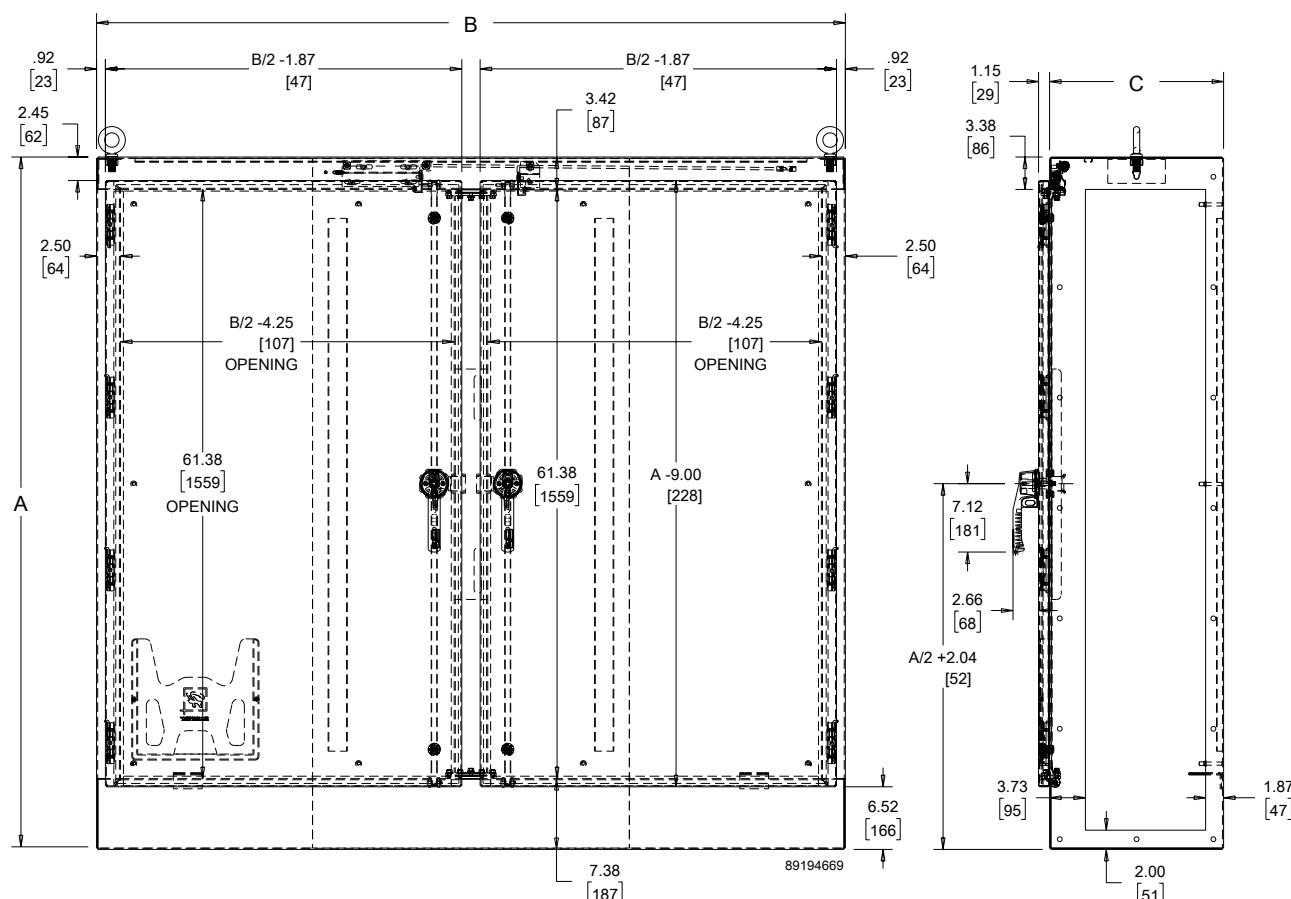
Order panels separately.



## Standard Product Two-Door Universal Free-Stand Enclosures, Type 4

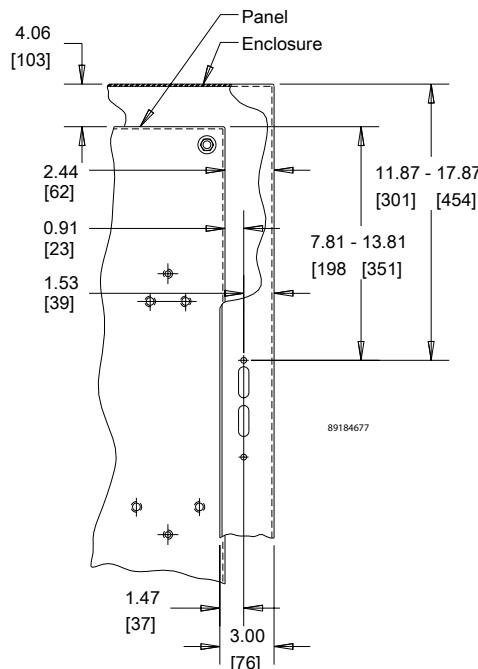
Catalog Number	AxBxC in./mm	Sides Open	Material	Panel, Painted	Panel, Conductive	Panel Size in./mm
AU72X7818BLP	72.13 x 77.99 x 18.11 1832 x 1981 x 460	Both	Mild Steel	A72PM78	A72PM78G	60.00 x 72.00 1524 x 1829
AU72X7818LLP	72.13 x 78.50 x 18.11 1832 x 1994 x 460	Left	Mild Steel	A72PM78	A72PM78G	60.00 x 72.00 1524 x 1829
AU72X7818RLP	72.13 x 77.99 x 18.11 1832 x 1981 x 460	Right	Mild Steel	A72PM78	A72PM78G	60.00 x 72.00 1524 x 1829
AU84X7818BLP	84.13 x 77.99 x 18.11 2137 x 1981 x 460	Both	Mild Steel	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AU84X7818LLP	84.13 x 78.50 x 18.11 2137 x 1994 x 460	Left	Mild Steel	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AU84X7818RLP	84.13 x 77.99 x 18.11 2137 x 1981 x 460	Right	Mild Steel	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AU84X7824BLP	84.13 x 77.99 x 24.13 2137 x 1981 x 613	Both	Mild Steel	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AU84X7824LLP	84.13 x 78.50 x 24.13 2137 x 1994 x 613	Left	Mild Steel	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AU84X7824RLP	84.13 x 77.99 x 24.13 2137 x 1981 x 613	Right	Mild Steel	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829

Order panels separately.

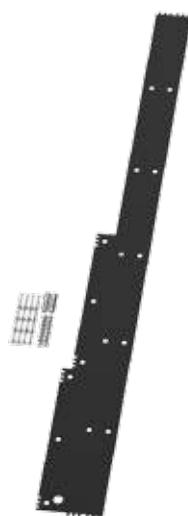


## DISCONNECT CUTOUT DIMENSIONS

The universal Free-Stand left side open models have a preferred cutout with the following critical dimensions. Consult disconnect manufacturers 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, 12, 3R and IP66. Includes gasket and baying hardware.

### Standard Product

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

### Standard Product

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

### Standard Product

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

### Standard Product

Catalog Number	Material	Color	Height in./mm	Width in./mm
AU7218BP	Mild Steel	ANSI 61 Gray	72.01	17.64
			1829	448
AU8418BP	Mild Steel	ANSI 61 Gray	84.02	17.64
			2134	448
AU8424BP	Mild Steel	ANSI 61 Gray	84.02	23.62
			2134	600

## 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	39.45	17.52
			152	1002	445
AU4024SFF	Mild Steel	ANSI 61 Gray	5.98	39.45	23.50
			152	1002	597

## UNIVERSAL FREE-STAND SIDE PANEL



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	14.02	0.84
				572	356	21
AU2418SPG	Mild Steel	Galvanized	Unpainted	22.52	14.02	0.84
				572	356	21
AU2424SP	Mild Steel	Painted	White	22.52	20.00	0.84
				572	508	21
AU2424SPG	Mild Steel	Galvanized	Unpainted	22.52	20.00	0.84
				572	508	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	14.02	0.84
				1524	356	21
AU7218SPG	Mild Steel	Galvanized	Unpainted	60.00	14.02	0.84
				1524	356	21
AU8418SP	Mild Steel	Painted	White	72.01	14.02	0.84
				1829	356	21
AU8418SPG	Mild Steel	Galvanized	Unpainted	72.01	14.02	0.84
				1829	356	21
AU8424SP	Mild Steel	Painted	White	72.01	20.00	0.84
				1829	508	21
AU8424SPG	Mild Steel	Galvanized	Unpainted	72.01	20.00	0.84
				1829	508	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	10.50	5.57	0.84
				1524	267	141	21
AU72FPG	Mild Steel	Galvanized	Unpainted	60.00	10.50	5.57	0.84
				1524	267	141	21
AU84FP	Mild Steel	Painted	White	72.01	10.50	5.57	0.84
				1829	267	141	21
AU84FPG	Mild Steel	Galvanized	Unpainted	72.01	10.50	5.57	0.84
				1829	267	141	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	3.37	1.03
	432	86	26
AU24PGR	23.00	3.37	1.03
	584	86	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



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



**OR**

**High-Amp Sequestr,  
Type 4 and 12**  
Bulletin A70D



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



**Arc Flash Prevention  
Solution**



**Floor-Mount Disconnect,  
Type 12**  
Bulletin A21

**OR**

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



## 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



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



**OR**

**Low-Amp Sequestr, Free-Stand Disconnect,  
Type 4 and 12**  
Bulletin A70D      **Free-Stand Disconnect,  
Type 12**  
Bulletins A28M1, A28M2, A28MM



**Arc Flash Prevention  
Solution**



**OR**

**Floor-Mount Disconnect,  
Type 12**  
Bulletin A21



**OR**

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

