

J AND JW SERIES



THE CLASSIC FIBERGLASS ENCLOSURE: ELEGANT, REFINED, BUILT-TO-LAST

The J Series enclosures follow Stahlin's original design of fiberglass enclosure products featuring a modest overhang cover on a flange mounted base. This enclosure can be configured with cutouts, windows, and other modifications to enhance any instrument installation.

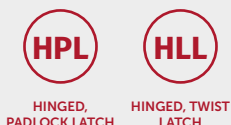


PRODUCT CONFIGURATIONS

J SERIES



JW SERIES



MARKETS AND INDUSTRIES

- + Ideal for Non-Hazardous Industrial and Commercial OEM market segments
- + Industries such as O&G, Mining, Oil Platform, Water/Wastewater, and general processing controls.

APPLICATIONS

- + Designed for general electrical and electronic applications, as well as any application that has associated environmental concerns.

INNOVATIVE FEATURES

- + Available in two cover options (opaque cover and flush bonded window)
- + Overhang cover on smooth sided base
- + High-temperature resistant, flame-retardant, and non-corrosive
- + Full stainless hardware including latches and screws
- + Full length stainless steel hinge
- + Continuous polyurethane gasket
- + Non-corrosive, environmental designs
- + Stainless steel retention chain on screw covers
- + Chemically resistant fiberglass reinforced polyester

INDUSTRY STANDARDS

- + NEMA 10250, UL 50, UL 50e, UL508A
- + cULus Listed File #E64358 / CSA Std. C22.2
- + Type 1, 3R, 4, 4X, 6P, 12, 13 as designated
- + IEC Ingress Rating: IP66, IP6X (3PT)
- + IEC Impact Rating: IK10 (J Series only, as designated)
- + UL 1741 Listed File #333478, as designated
- + Plenum Space UL 2043 Compliant
- + Flammability Rating: UL94-5VA
- + NFPA No. 101 Flame Spread: Class A(1)
- + Outdoor Exposure UL 746C: (f1) Rated
- + Temperature Range: (-76°F to +274°F) (-60°C to +134°C)

J SERIES OPAQUE COVER CONFIGURATIONS



HINGED, PADLOCK LATCH

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + All bosses utilize threaded brass inserts accepting 10-32 screws

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris



HINGED, 2 COVER SCREWS

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Pan Head Screws

- + Minimized protruding surfaces

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + Back panel utilizes threaded brass inserts accepting 10-32 screws; cover accepting 10-24 screws

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris



4 COVER SCREWS, LIFT OFF COVER

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Pan Head Screws

- + Minimized protruding surfaces

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + Back panel utilizes threaded brass inserts accepting 10-32 screws; cover accepting 10-24 screws

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

Cover Retention Chain

- + Stainless steel beaded chain for securing cover after lift off



HINGED, TWIST LATCH

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Stainless Steel Hardware

- + 300 Series stainless used on all hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + Back panel utilizes threaded brass inserts accepting 10-32 screws

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

J SERIES OPAQUE COVER CONFIGURATIONS



FIBERGLASS HINGE, 4 COVER SCREWS

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Pan Head Screws

- + Minimized protruding surfaces

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + Back panel utilizes threaded brass inserts accepting 10-24 screws

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

Hinge Material

- + Glass filled Polybutylene Terephthalate (PBT)



HINGED, LOCKABLE SWING HANDLE

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + Back panel utilizes threaded brass inserts accepting 10-32 screws; 1/4"-20

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris



CATALOG NUMBERS AND DIMENSIONS

Measurements shown are in inches, items in parentheses are in millimeters.

Catalog # Suffix	Description	Panel # Suffix	Description
HPL	hinged, padlock latch	AL	aluminum
HW	hinged, 2 cover screws	CS	carbon steel
W	4 cover screws, lift off cover	FG	fiberglass
HLL	hinged, twist latch	SS	stainless steel
FHW	fiberglass hinge, 4 cover screws	ABS	ABS material
3PT	hinged, lockable swing handle		

J Series - Opaque Cover Configurations				
Catalog #	Available Configurations	Overall H x W x D	Inside H x W x D	Panel #
J604*	HPL, HW, W, HLL	7.47 x 5.45 x 4.70 (190 x 138 x 119)	5.84 x 3.85 x 4.45 (148 x 98 x 113)	BP64*
J606*	HPL, HW, W, HLL	7.50 x 7.53 x 4.82 (191 x 191 x 122)	5.72 x 5.72 x 4.45 (145 x 145 x 113)	BP66*
J806*	HPL, HW, W, HLL, FHW	9.63 x 7.52 x 4.70 (245 x 191 x 119)	7.73 x 5.74 x 4.45 (196 x 146 x 113)	BP86*
J808*	HPL, HW, W, HLL	9.56 x 9.38 x 4.87 (243 x 238 x 124)	7.73 x 7.73 x 4.62 (196 x 196 x 117)	BP88*
J1008*	HPL, HW, W, HLL	11.63 x 9.41 x 4.22 (295 x 239 x 107)	9.73 x 7.73 x 3.98 (247 x 196 x 101)	BP108*
J100806*	HPL, HW, W, HLL	11.97 x 9.42 x 6.61 (304 x 239 x 165)	9.74 x 7.74 x 6.25 (248 x 197 x 159)	BP108*
J1210*	HPL, HW, W, HLL, FHW	13.56 x 11.43 x 5.22 (344 x 291 x 133)	11.79 x 9.80 x 4.94 (299 x 249 x 125)	BP1210*
J1212*	HPL, HW, W, HLL	13.56 x 13.38 x 6.34 (344 x 340 x 161)	11.70 x 11.70 x 6.10 (297 x 297 x 155)	BP1212*
J1407*	HPL, HW, W, HLL	15.87 x 8.75 x 6.81 (403 x 222 x 173)	14.00 x 7.00 x 6.56 (356 x 178 x 167)	BP1407*
J1412*	HPL, HW, W, HLL, FHW	15.50 x 13.48 x 6.20 (394 x 342 x 158)	13.52 x 11.52 x 5.94 (343 x 293 x 151)	BP1412*
J1614*	HPL, HW, W, HLL, FHW	17.53 x 15.46 x 6.21 (445 x 393 x 157)	15.60 x 13.56 x 5.94 (396 x 344 x 151)	BP1614*
J1816*	HPL, HW, W, HLL, FHW	19.63 x 17.63 x 8.81 (499 x 448 x 224)	17.69 x 15.69 x 8.45 (449 x 399 x 215)	BP1816*
J2016*	HPL, HW, W, HLL	22.00 x 17.68 x 8.81 (559 x 449 x 224)	19.72 x 15.72 x 8.45 (501 x 399 x 215)	BPJ2016*
J2020*	HPL, 3PT	23.50 x 22.12 x 11.70 (597 x 562 x 297)	19.88 x 19.88 x 11.33 (505 x 505 x 288)	BPJ2020*
J2420*	HPL, 3PT	27.50 x 22.12 x 11.70 (699 x 562 x 297)	23.88 x 19.88 x 11.33 (607 x 505 x 288)	BPJ2420*
J2424*	HPL, 3PT	27.50 x 26.12 x 11.70 (699 x 663 x 297)	23.88 x 23.88 x 11.33 (607 x 607 x 288)	BPJ2424*

*add suffix to specify configuration/material

J SERIES EXPANDED



HINGED, PADLOCK LATCH

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Feet

- + Molded-in mounting feet for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + Back panel utilizes threaded brass inserts accepting 3/8"-16 screws

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

Increased Interior Mounting Space

- + Increased size makes it an ideal solution for installations requiring maximum space

Innovative Features

- + Innovative T-Slot design offers simple installation of a swing panel, dead front, or din rail mount

J Series Expanded - Opaque Cover

Catalog #	Available Configurations	Overall H x W x D	Inside H x W x D	Panel #
J3024*	HPL	33.56 x 26.18 x 12.26 (852 x 665 x 311)	29.85 x 23.85 x 11.89 (758 x 606 x 302)	BPJ3024*
J2430*	HPL	26.18 x 33.56 x 12.26 (665 x 852 x 311)	23.85 x 29.85 x 11.89 (606 x 758 x 302)	BPJ3024*

*add suffix to specify configuration/material

JW SERIES FLUSH BONDED WINDOW CONFIGURATIONS



HINGED, PADLOCK LATCH

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + All bosses utilize threaded brass inserts accepting 10-32 screws

Bonded Window

- + Precision routed flush bonded super abrasion-resistant acrylic material for maximum visibility



HINGED, TWIST LATCH

Materials

- + SolarGuard® hot compression molded fiberglass reinforced polyester (thermoset)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Molded-in Mounting Flange

- + Molded-in flange for ease of mounting

Mounting Bosses

- + Panel mounting capability for fixed rear panel

Metal Inserts

- + Back panel utilizes threaded brass inserts accepting 10-32 screws; cover accepting 10-24 screws

Bonded Window

- + Precision routed flush bonded super abrasion-resistant acrylic material for maximum visibility

CATALOG NUMBERS AND DIMENSIONS

Measurements shown are in inches, items in parentheses are in millimeters.

Catalog # Suffix	Description	Panel # Suffix	Description
HPL	hinged, padlock latch	AL	aluminum
HLL	hinged, twist latch	CS	carbon steel
		FG	fiberglass
		SS	stainless steel
		ABS	ABS material

JW Series - Flush Bonded Window Configurations				
Catalog #	Available Configurations	Overall H x W x D	Inside H x W x D	Panel #
JW604*	HPL, HLL	7.47 x 5.45 x 4.70 (190 x 138 x 119)	5.84 x 3.85 x 4.34 (148 x 98 x 110)	BP64*
JW606*	HPL, HLL	7.50 x 7.53 x 4.82 (191 x 191 x 122)	5.72 x 5.72 x 4.34 (145 x 145 x 110)	BP66*
JW806*	HPL, HLL	9.63 x 7.52 x 4.70 (245 x 191 x 119)	7.73 x 5.74 x 4.34 (196 x 146 x 110)	BP86*
JW808*	HLL	9.56 x 9.38 x 4.87 (243 x 238 x 124)	7.73 x 7.73 x 4.52 (196 x 196 x 115)	BP88*
JW1008*	HPL, HLL	11.63 x 9.41 x 4.22 (295 x 239 x 107)	9.73 x 7.73 x 3.85 (247 x 196 x 98)	BP108*
JW100806*	HPL, HLL	11.97 x 9.42 x 6.61 (304 x 239 x 165)	9.74 x 7.74 x 6.25 (248 x 197 x 159)	BP108*
JW1210*	HPL, HLL	13.56 x 11.43 x 5.22 (344 x 291 x 133)	11.79 x 9.80 x 4.85 (299 x 249 x 123)	BP1210*
JW1212*	HPL, HLL	13.56 x 13.38 x 6.34 (344 x 340 x 161)	11.70 x 11.70 x 5.99 (297 x 297 x 152)	BP1212*
JW1407*	HPL	15.87 x 8.75 x 6.81 (403 x 222 x 173)	14.00 x 7.00 x 6.50 (356 x 178 x 165)	BP1407*
JW1412*	HPL, HLL	15.50 x 13.48 x 6.20 (394 x 342 x 158)	13.52 x 11.52 x 5.88 (343 x 293 x 149)	BP1412*
JW1614*	HPL, HLL	17.53 x 15.46 x 6.21 (445 x 393 x 157)	15.60 x 13.56 x 5.88 (396 x 344 x 149)	BP1614*
JW1816*	HPL, HLL	19.63 x 17.63 x 8.81 (499 x 448 x 224)	17.69 x 15.69 x 8.38 (449 x 399 x 213)	BP1816*
JW2016*	HPL, HLL	22.00 x 17.68 x 8.81 (559 x 449 x 224)	19.72 x 15.72 x 8.47 (501 x 399 x 215)	BPJ2016*

*add suffix to specify configuration/material

