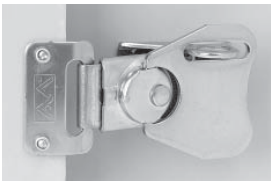
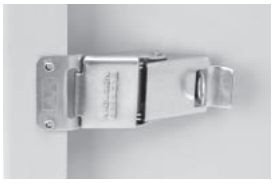
Polyester Modular Enclosures - NEMA 4X

PJ Series - Lift-Off, Hinged, Snap Latch, Twist Latch, Solid and Window Door





Twist Latch Detail



Snap Latch Detail

Panel Sold Separately

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508 Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12, & 13
  - IEC 60529, IP66

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18"x16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel draw type "snap latch" door fasteners.
- Door fasteners include a provision for padlocking.
- Enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).

Construction...Cont'd

- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- Painted steel inner panels ...see page 138
- PJ/ PJU swing panel ...see page 138
- Unfinished aluminum inner panels ...see page 138
- Fiberglass inner panels ...see page 138
- Terminal kit assemblies ...see page 441

Window Lift-Off Part No.	Window Hinged Part No.	Overall Dimensions A	B	C	Panel Size D	E	F	G	H	J	Center S	Z
PJ664W	**PJ664HW**	6.10	6.10	4.18	4.88	4.88	5.26	5.01	5.01	3.52	4.25	4.25
PJ864W	**PJ864HW**	8.00	6.12	4.13	6.75	4.88	5.21	6.89	5.01	3.47	6.25	4.25
PJ1084W	**PJ1084HW**	10.13	8.26	4.13	8.75	6.88	3.68	8.89	7.01	3.47	8.25	6.25
PJ1086W	**PJ1086HW**	10.13	8.26	6.13	8.75	6.88	7.21	8.89	7.01	5.47	8.25	6.25
PJ12106W	**PJ12106HW**	12.13	10.26	6.13	10.75	8.88	7.21	10.89	9.01	5.47	10.25	8.25
PJ14126W	**PJ14126HW**	14.13	12.26	6.13	12.75	10.88	7.21	12.89	11.01	5.47	12.25	10.25
PJ16148W	**PJ16148HW**	16.27	14.40	8.13	14.75	12.88	9.21	14.89	13.01	7.47	14.25	12.25
PJ18168W	**PJ18168HW**	18.40	16.40	8.13	16.88	14.88	9.21	16.97	14.97	7.47	16.25	14.25
PJ20168W	**PJ20168HW**	20.00	16.00	8.13	18.44	14.44	9.21	18.54	14.54	7.47	17.81	13.81

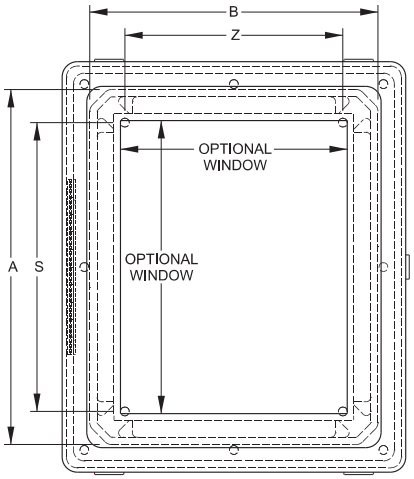
Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

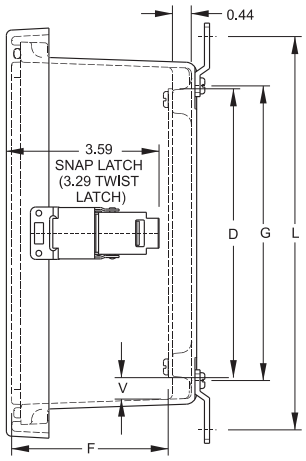
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Polyester Modular Enclosures - NEMA 4X

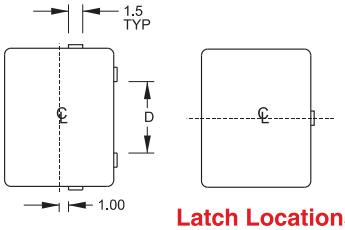
PJ Series - Lift-Off, Hinged, Snap Latch, Twist Latch, Solid and Window Door



Front View



Side View



For use on
18 x 16 x 8 D = 5.25
20 x 16 x 8 D = 9.25

Latch Locations

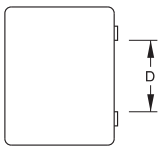
For use on
6 x 6 x 4 8 x 6 x 4
10 x 8 x 6
10 x 8 x 4

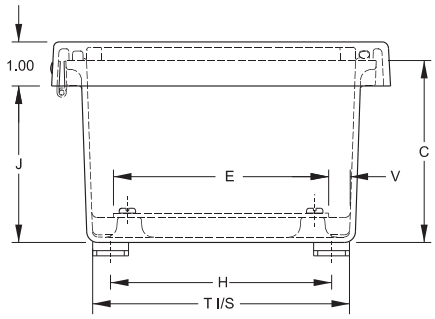
Thermal Index

130°C to -40°C (266°F to -40°F)

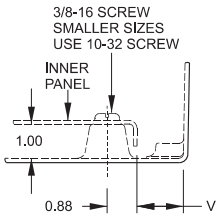
Impact Index

6.78J (5 ft/lb)



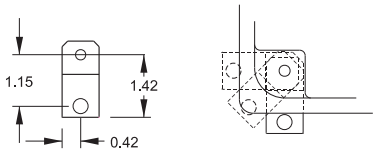


End View



Detail A

For use on
12 x 10 x 6 D = 6.75
14 x 12 x 6 D = 7.25
16 x 14 x 8 D = 7.25



Optional Mounting Feet Locations

Window Snap Latch Part No.	Window Twist Latch Part No.	Cover Dimensions L	T	K	M	U	W	R	V	Optional Panel Part No.	Window Dim. HxW	Shipping Weight (lbs)
PJ664LW	**PJ664TW**	7.32	5.83	6.08	6.08	7.69	7.69	0.44	0.49	**14R0505**	4.25x4.25	4
PJ864LW	**PJ864TW**	9.19	5.85	6.11	7.98	9.59	7.71	0.44	0.50	**14R0705**	4.25x6.25	4
PJ1084LW	**PJ1084TW**	11.19	7.85	8.44	10.32	11.77	9.90	0.44	0.50	**14R0907**	8.37x6.5	6
PJ1086LW	**PJ1086TW**	11.19	7.85	8.44	10.32	11.77	9.90	0.44	0.50	**14R0907**	8.37x6.5	6
PJ12106LW	**PJ12106TW**	13.19	9.85	10.45	12.32	13.77	11.90	0.44	0.50	**14R1109**	10.37x8.5	8
PJ14126LW	**PJ14126TW**	15.19	11.85	12.45	14.32	15.73	13.85	0.44	0.50	**14R1311**	12.37x10.5	11
PJ16148LW	**PJ16148TW**	17.19	13.71	13.86	15.73	17.87	15.99	0.44	0.50	**14R1513**	13.00x11.00	12
PJ18168LW	**PJ18168TW**	19.28	15.72	15.86	17.86	20.00	18.00	0.44	0.50	**P1868**	14.00x12.00	17
PJ20168LW	**PJ20168TW**	20.84	15.31	15.43	19.43	21.59	17.59	0.44	0.52	**P2068**	15.00x11.00	19

For aluminum and fiberglass panels...*see page* **138**.

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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