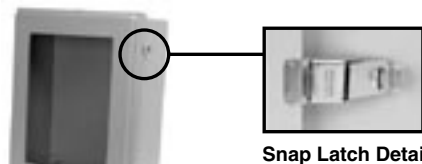


# Polyester Modular Enclosures - NEMA 4X

## PJ Series - Raised Lid Snap Latch Hinged Cover, Solid and Window Door



Snap Latch Detail

Window Door

**Panel  
Sold  
Separately**



### 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.

### Construction... Cont'd

Operating temperatures between 130°C and -40°C (266°F to -40°F).

- 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
- PJ swing panel
- Unfinished aluminum inner panels
- Fiberglass inner panels
- Terminal kit assemblies

### 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 529, IP66

Corrosion Resistant Junction Boxes/JIC Enclosures

| Solid Cover<br>Part No. | Window<br>Cover<br>Part No. | Overall<br>Dimensions |       |       | Panel Size |       |       |       | Center |       |       |
|-------------------------|-----------------------------|-----------------------|-------|-------|------------|-------|-------|-------|--------|-------|-------|
|                         |                             | A                     | B     | C     | D          | E     | G     | H     | J      | S     | Z     |
| PJ664RL                 | PJ664RLW                    | 6.10                  | 6.10  | 4.18  | 4.88       | 4.88  | 5.01  | 5.01  | 3.52   | 4.25  | 4.25  |
| PJ864RL                 | PJ864RLW                    | 8.00                  | 6.12  | 4.13  | 6.75       | 4.88  | 6.89  | 5.01  | 3.47   | 6.25  | 4.25  |
| PJ1084RL                | PJ1084RLW                   | 10.13                 | 8.26  | 4.13  | 8.75       | 6.88  | 8.89  | 7.01  | 3.47   | 8.25  | 6.25  |
| PJ1086RL                | PJ1086RLW                   | 10.13                 | 8.26  | 6.13  | 8.75       | 6.88  | 8.89  | 7.01  | 5.47   | 8.25  | 6.25  |
| PJ12106RL               | PJ12106RLW                  | 12.13                 | 10.26 | 6.13  | 10.75      | 8.88  | 10.89 | 9.01  | 5.47   | 10.25 | 8.25  |
| PJ14126RL               | PJ14126RLW                  | 14.13                 | 12.26 | 6.13  | 12.75      | 10.88 | 12.89 | 11.01 | 5.47   | 12.25 | 10.25 |
| PJ16148RL               | PJ16148RLW                  | 16.27                 | 14.40 | 8.13  | 14.75      | 12.88 | 14.89 | 13.01 | 7.47   | 14.25 | 12.25 |
| PJ18168RL               | PJ18168RLW                  | 18.40                 | 16.40 | 8.13  | 16.88      | 14.88 | 16.97 | 14.97 | 7.47   | 16.25 | 14.25 |
| PJ20168RL               | PJ20168RLW                  | 20.00                 | 16.00 | 8.13  | 18.44      | 14.44 | 18.54 | 14.54 | 7.47   | 17.81 | 13.81 |
| PJ24208RL               | PJ24208RLW                  | 24.00                 | 20.00 | 8.13  | 21.00      | 17.00 | 22.75 | 18.75 | 7.47   | 19.25 | 15.25 |
| PJ24248RL <sup>1</sup>  | PJ24248RLW <sup>1</sup>     | 24.00                 | 24.00 | 8.13  | 21.00      | 21.00 | 22.75 | 22.75 | 7.47   | 19.25 | 19.25 |
| PJ30248RL <sup>1</sup>  | PJ30248RLW <sup>1</sup>     | 30.00                 | 24.00 | 8.13  | 27.00      | 21.00 | 28.75 | 22.75 | 7.47   | 25.25 | 19.25 |
| PJ242010RL <sup>1</sup> | PJ242010RLW <sup>1</sup>    | 24.00                 | 20.00 | 10.13 | 21.00      | 17.00 | 22.75 | 18.75 | 9.47   | 19.25 | 15.25 |
| PJ242410RL <sup>1</sup> | PJ242410RLW <sup>1</sup>    | 24.00                 | 24.00 | 10.13 | 21.00      | 21.00 | 22.75 | 22.75 | 9.47   | 19.25 | 19.25 |
| PJ302410RL <sup>1</sup> | PJ302410RLW <sup>1</sup>    | 30.00                 | 24.00 | 10.13 | 27.00      | 21.00 | 28.75 | 22.75 | 9.47   | 25.25 | 19.25 |

<sup>1</sup> Uses larger mounting foot. See drawing above.