

Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window) *PJ Series*

Lift-Off Cover/Hinged Door with Screws



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 and 13
 - IEC 60529, IP66

Construction

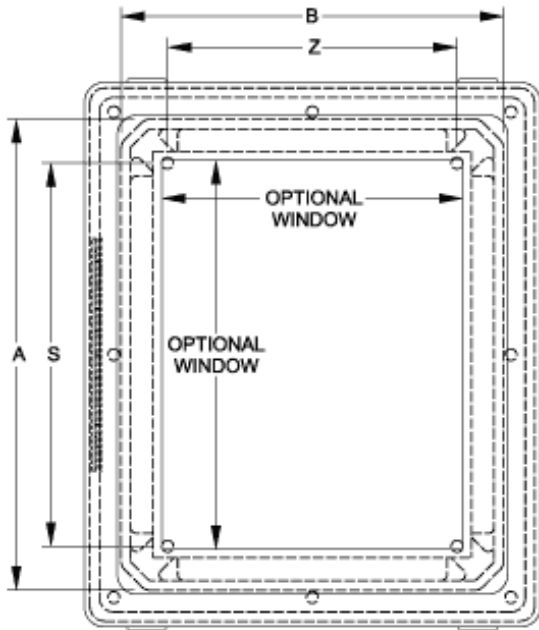
- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Cover fastened with captive stainless steel screws in threaded brass inserts.
- 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).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the **Technical Information section**.

Finish

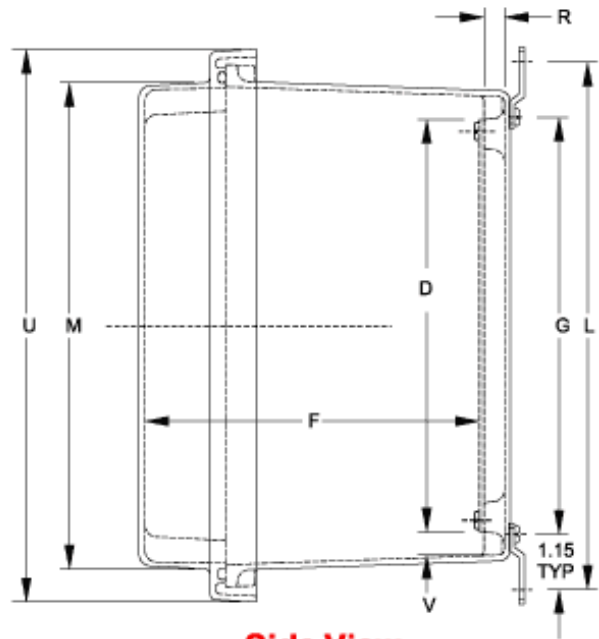
- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

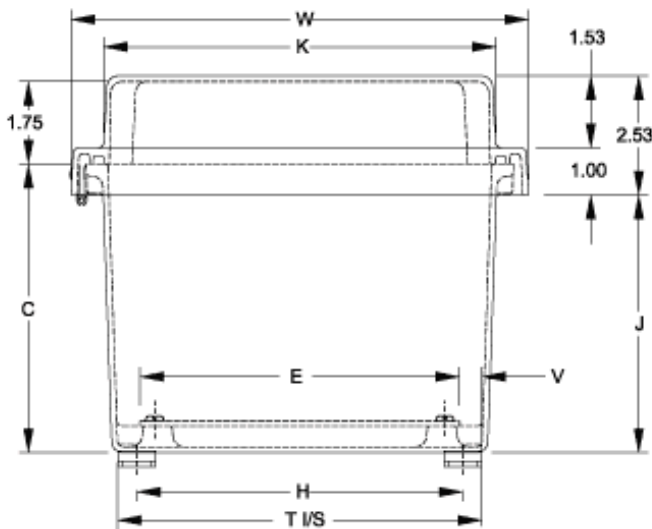
- PJ/PJU Replacement Hardware Kits
- Inner Panels
- Terminal Kit Assemblies



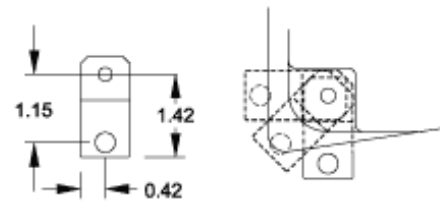
Front View



Side View



End View



Optional Mounting Feet Locations

Thermal Index
130°C to -40°C (266°F to -40°F)
Impact Index
6.78J (5 ft/lb)

| Raised Lift-Off Solid Cover Part No. | Raised Window Cover Lift-Off Part No. | Overall Dimensions | | | Panel Size | | | | | Center | | |
|--|---|--------------------|-------|------|------------|-------|------|-------|-------|--------|-------|-------|
| | | A | B | C | D | E | F | G | H | J | S | Z |
| PJ664R ¹ | PJ664RW ¹ | 6.10 | 6.10 | 4.18 | 4.88 | 4.88 | 5.26 | 5.01 | 5.01 | 3.52 | 4.25 | 4.25 |
| PJ864R ¹ | PJ864RW ¹ | 8.00 | 6.12 | 4.13 | 6.75 | 4.88 | 5.21 | 6.89 | 5.01 | 3.47 | 6.25 | 4.25 |
| PJ1084R ¹ | PJ1084RW ¹ | 10.13 | 8.26 | 4.13 | 8.75 | 6.88 | 3.68 | 8.89 | 7.01 | 3.47 | 8.25 | 6.25 |
| PJ1086R ¹ | PJ1086RW ¹ | 10.13 | 8.26 | 6.13 | 8.75 | 6.88 | 7.21 | 8.89 | 7.01 | 5.47 | 8.25 | 6.25 |
| PJ12106R ¹ | PJ12106RW ¹ | 12.13 | 10.26 | 6.13 | 10.75 | 8.88 | 7.21 | 10.89 | 9.01 | 5.47 | 10.25 | 8.25 |
| PJ14126R ¹ | PJ14126RW ¹ | 14.13 | 12.26 | 6.13 | 12.75 | 10.88 | 7.21 | 12.89 | 11.01 | 5.47 | 12.25 | 10.25 |
| PJ16148R | PJ16148RW | 16.27 | 14.40 | 8.13 | 14.75 | 12.88 | 9.21 | 14.89 | 13.01 | 7.47 | 14.25 | 12.25 |

| Raised Lift-Off Solid Cover Part No. | Raised Window Cover Lift-Off Part No. | Overall Dimensions | | | Panel Size | | | | | Center | | |
|---|--|---------------------------|----------|----------|-------------------|----------|----------|----------|----------|---------------|----------|----------|
| | | A | B | C | D | E | F | G | H | J | S | Z |
| PJ18168R | PJ18168RW | 18.40 | 16.40 | 8.13 | 16.88 | 14.88 | 9.21 | 16.97 | 14.97 | 7.47 | 16.25 | 14.25 |
| PJ20168R | PJ20168RW | 20.00 | 16.00 | 8.13 | 18.44 | 14.44 | 9.21 | 18.54 | 14.54 | 7.47 | 17.81 | 13.81 |

| Raised Hinged Solid Cover Part No. | Raised Window Hinged Cover Part No. | Cover Dimensions | | | | | | | | Opt. Panel Part No. | Window Dimensions | | Ship Wt. (lbs) |
|---|--|-------------------------|----------|----------|----------|----------|----------|----------|----------|--------------------------------|--------------------------|--------------|---------------------------|
| | | L | T | K | M | U | W | R | V | | Height | Width | |
| PJ664RH | PJ664RHW | 7.32 | 5.83 | 6.08 | 6.08 | 7.70 | 7.69 | 0.44 | 0.49 | 14R0505 | 4.25 | 4.25 | 4 |
| PJ864RH | PJ864RHW | 9.19 | 5.85 | 6.11 | 7.98 | 9.60 | 7.71 | 0.44 | 0.50 | 14R0705 | 4.25 | 6.25 | 4 |
| PJ1084RH | PJ1084RHW | 11.19 | 7.85 | 8.44 | 10.32 | 11.80 | 9.90 | 0.44 | 0.50 | 14R0907 | 8.37 | 6.50 | 6 |
| PJ1086RH | PJ1086RHW | 11.19 | 7.85 | 8.44 | 10.32 | 11.80 | 9.90 | 0.44 | 0.50 | 14R0907 | 8.37 | 6.50 | 6 |
| PJ12106RH | PJ12106RHW | 13.19 | 9.85 | 10.45 | 12.32 | 13.80 | 11.90 | 0.44 | 0.50 | 14R1109 | 10.37 | 8.50 | 8 |
| PJ14126RH | PJ14126RHW | 15.19 | 11.85 | 12.45 | 14.32 | 15.70 | 13.85 | 0.44 | 0.50 | 14R1311 | 12.37 | 10.50 | 11 |
| PJ16148RH | PJ16148RHW | 17.19 | 13.71 | 13.86 | 15.73 | 17.90 | 15.99 | 0.44 | 0.50 | 14R1513 | 13.00 | 11.00 | 12 |
| PJ18168RH | PJ18168RHW | 19.28 | 15.72 | 15.86 | 17.86 | 20.00 | 18.00 | 0.44 | 0.50 | P1868 | 14.00 | 12.00 | 17 |
| PJ20168RH | PJ20168RHW | 20.84 | 15.31 | 15.43 | 19.43 | 21.60 | 17.59 | 0.44 | 0.52 | P2068 | 15.00 | 11.00 | 19 |

Aluminum and fiberglass panels available

² Type 6P

Data subject to change without notice

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