

## **Type 4X Polyester Junction Box** *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
- UL 508 Type 6P (see table)
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 6P (see table)
- 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".
- 10-32 threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware included.
- Cover is fastened with captive stainless steel screws in threaded brass inserts.
- 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 feet 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.

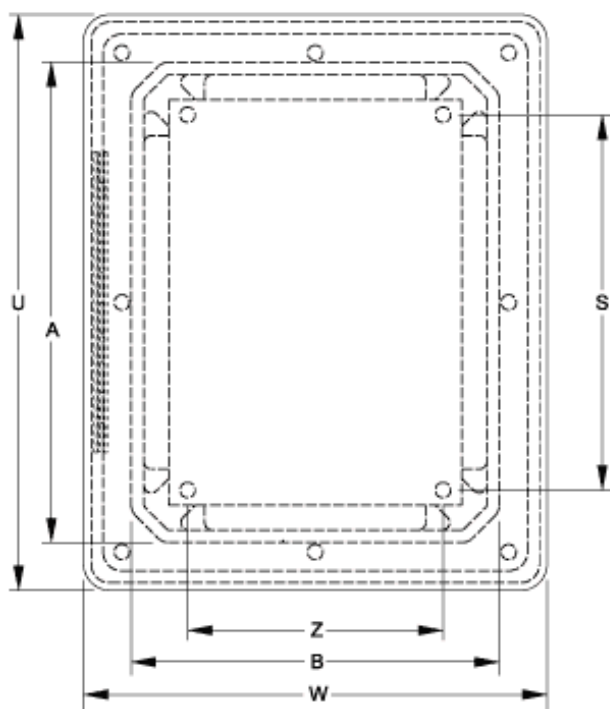
### **Finish**

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

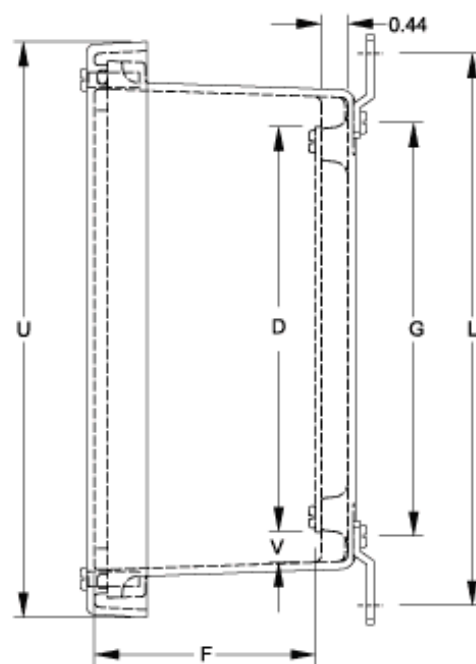
### **Accessories**



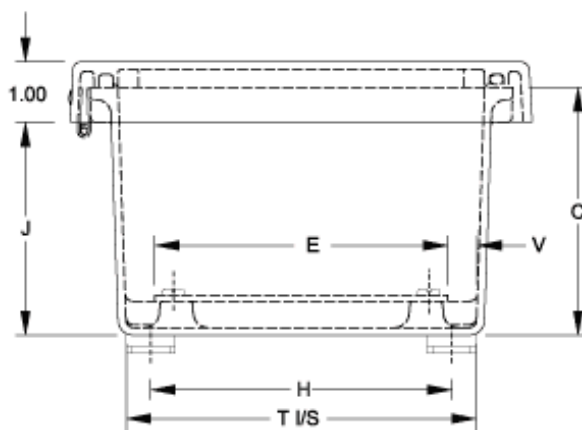
- PJ/PJU Replacement Hardware Kits
- Inner Panels
- Terminal Kit Assemblies



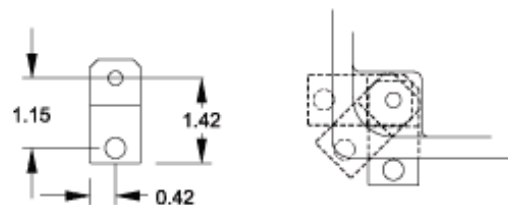
**Front View  
Hinged Screw Cover**



**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)

| Lift-Off<br>Cover    | Hinged<br>Cover | Enclosure<br>Dimensions |       |      | Panel<br>Dimensions |       |      | Centers |       |      |       |       |       |       |      | Cover<br>Dimensions | Opt.<br>Steel<br>Panel<br>Part<br>No. <sup>1</sup> | Ship<br>Wt.<br>(lbs) |
|----------------------|-----------------|-------------------------|-------|------|---------------------|-------|------|---------|-------|------|-------|-------|-------|-------|------|---------------------|----------------------------------------------------|----------------------|
| Part No.             | Part No.        | A                       | B     | C    | D                   | E     | F    | G       | H     | J    | S     | Z     | L     | T     | V    | U                   | W                                                  |                      |
| PJ664 <sup>2</sup>   | PJ664H          | 6.10                    | 6.10  | 4.13 | 4.88                | 4.88  | 3.76 | 5.01    | 5.01  | 3.52 | 4.25  | 4.25  | 7.32  | 5.83  | 0.49 | 7.69                | 7.69                                               | 14R0505 4            |
| PJ864 <sup>2</sup>   | PJ864H          | 8.00                    | 6.12  | 4.13 | 6.75                | 4.88  | 3.68 | 6.89    | 5.01  | 3.47 | 6.25  | 4.25  | 9.19  | 5.85  | 0.50 | 9.59                | 7.71                                               | 14R0705 4            |
| PJ1084 <sup>2</sup>  | PJ1084H         | 10.13                   | 8.26  | 4.13 | 8.75                | 6.88  | 3.68 | 8.89    | 7.01  | 3.47 | 8.25  | 6.25  | 11.19 | 7.85  | 0.50 | 11.77               | 9.90                                               | 14R0907 6            |
| PJ1086 <sup>2</sup>  | PJ1086H         | 10.13                   | 8.26  | 6.13 | 8.75                | 6.88  | 5.68 | 8.89    | 7.01  | 5.47 | 8.25  | 6.25  | 11.19 | 7.85  | 0.50 | 11.77               | 9.90                                               | 14R0907 6            |
| PJ12106 <sup>2</sup> | PJ12106H        | 12.13                   | 10.26 | 6.13 | 10.75               | 8.88  | 5.68 | 10.89   | 9.01  | 5.47 | 10.25 | 8.25  | 13.19 | 9.85  | 0.50 | 13.77               | 11.90                                              | 14R1109 8            |
| PJ14126 <sup>2</sup> | PJ14126H        | 14.13                   | 12.26 | 6.13 | 12.75               | 10.88 | 5.68 | 12.89   | 11.01 | 5.47 | 12.25 | 10.25 | 15.19 | 11.85 | 0.50 | 15.73               | 13.85                                              | 14R1311 11           |
| PJ16148              | PJ16148H        | 16.27                   | 14.40 | 8.13 | 14.75               | 12.88 | 7.68 | 14.89   | 13.01 | 7.47 | 14.25 | 12.25 | 17.19 | 13.71 | 0.50 | 17.87               | 15.99                                              | 14R1513 12           |
| PJ18168              | PJ18168H        | 18.40                   | 16.40 | 8.13 | 16.88               | 14.88 | 7.68 | 16.97   | 14.97 | 7.47 | 16.25 | 14.25 | 19.28 | 15.72 | 0.50 | 20.00               | 18.00                                              | P1868 17             |

| Lift-Off<br>Cover | Hinged<br>Cover | Enclosure<br>Dimensions |       |      | Panel<br>Dimensions |       |      | Centers |       |      |       |       |       |       |      | Cover<br>Dimensions |       |  | Opt.<br>Steel<br>Panel<br>Part<br>No. <sup>1</sup> | Ship<br>Wt.<br>(lbs) |
|-------------------|-----------------|-------------------------|-------|------|---------------------|-------|------|---------|-------|------|-------|-------|-------|-------|------|---------------------|-------|--|----------------------------------------------------|----------------------|
| Part No.          | Part No.        | A                       | B     | C    | D                   | E     | F    | G       | H     | J    | S     | Z     | L     | T     | V    | U                   | W     |  |                                                    |                      |
| PJ20168           | PJ20168H        | 20.00                   | 16.00 | 8.13 | 18.44               | 14.44 | 7.68 | 18.54   | 14.54 | 7.47 | 17.81 | 13.81 | 20.84 | 15.31 | 0.52 | 21.59               | 17.59 |  | P2068                                              | 19                   |

<sup>1</sup> Aluminum and fiberglass panels available

<sup>2</sup> Type 6P

Data subject to change without notice