

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

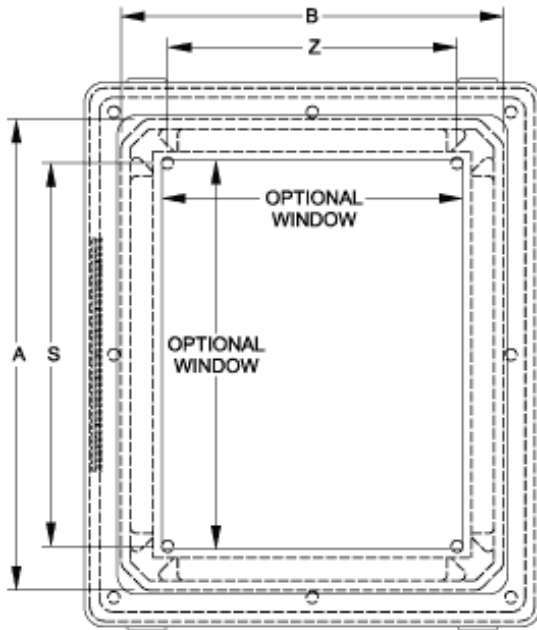
- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

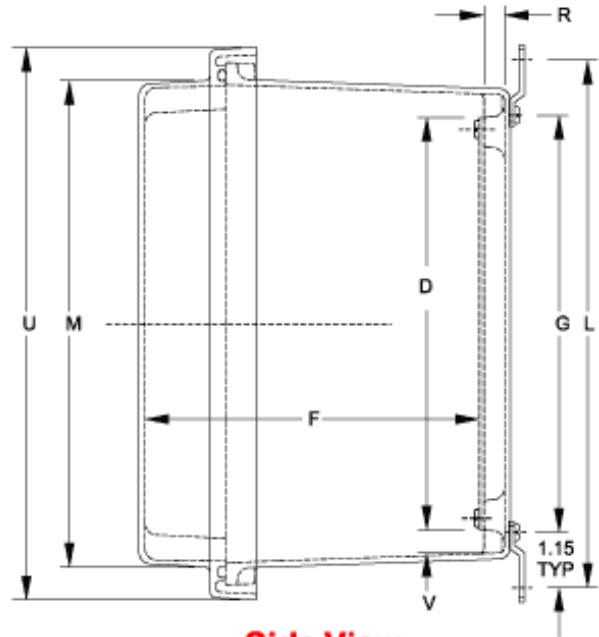
[PJ/PJU Replacement Hardware Kits](#)

[Inner Panels](#)

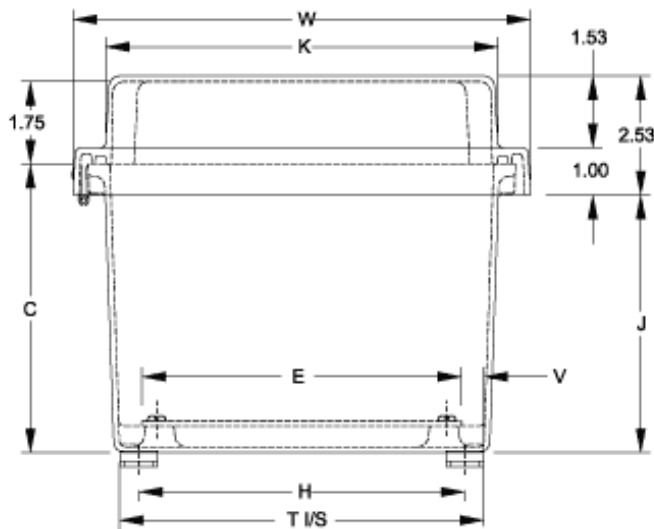
[Terminal Kit Assemblies](#)



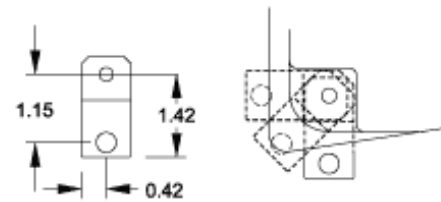
Front View



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