

# Polyester Modular Enclosures - NEMA 4X

## PJ Series - Raised Lid Lift-Off, Hinged Cover, Solid and Window Door



Window Door

**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
- 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".
- 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).

### Construction...Cont'd

- 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**

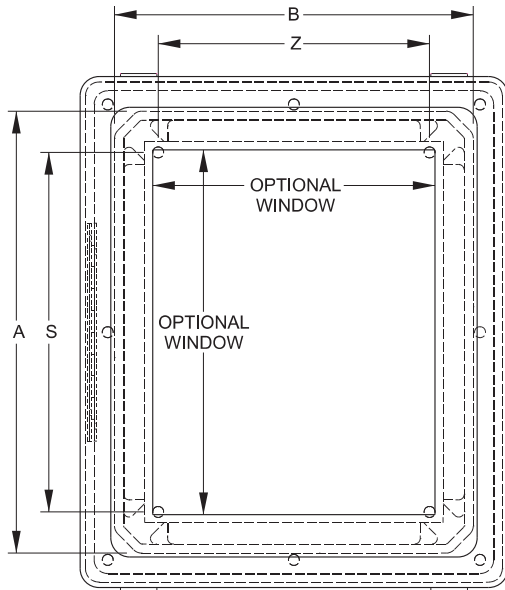
Raised Lift-Off Solid Cover Part No.	Raised Window Cover Lift-Off Part No.	Overall Dimensions			Panel Size						Center		
		A	B	C	D	E	F	G	H	J	S	Z	
<b>PJ664R</b> <sup>2</sup>	<b>PJ664RW</b> <sup>2</sup>	6.10	6.10	4.18	4.88	4.88	5.26	5.01	5.01	3.52	4.25	4.25	
<b>PJ864R</b> <sup>2</sup>	<b>PJ864RW</b> <sup>2</sup>	8.00	6.12	4.13	6.75	4.88	5.21	6.89	5.01	3.47	6.25	4.25	
<b>PJ1084R</b> <sup>2</sup>	<b>PJ1084RW</b> <sup>2</sup>	10.13	8.26	4.13	8.75	6.88	3.68	8.89	7.01	3.47	8.25	6.25	
<b>PJ1086R</b> <sup>2</sup>	<b>PJ1086RW</b> <sup>2</sup>	10.13	8.26	6.13	8.75	6.88	7.21	8.89	7.01	5.47	8.25	6.25	
<b>PJ12106R</b> <sup>2</sup>	<b>PJ12106RW</b> <sup>2</sup>	12.13	10.26	6.13	10.75	8.88	7.21	10.89	9.01	5.47	10.25	8.25	
<b>PJ14126R</b> <sup>2</sup>	<b>PJ14126RW</b> <sup>2</sup>	14.13	12.26	6.13	12.75	10.88	7.21	12.89	11.01	5.47	12.25	10.25	
<b>PJ16148R</b>	<b>PJ16148RW</b>	16.27	14.40	8.13	14.75	12.88	9.21	14.89	13.01	7.47	14.25	12.25	
<b>PJ18168R</b>	<b>PJ18168RW</b>	18.40	16.40	8.13	16.88	14.88	9.21	16.97	14.97	7.47	16.25	14.25	
<b>PJ20168R</b>	<b>PJ20168RW</b>	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](http://www.hammondmfg.com)

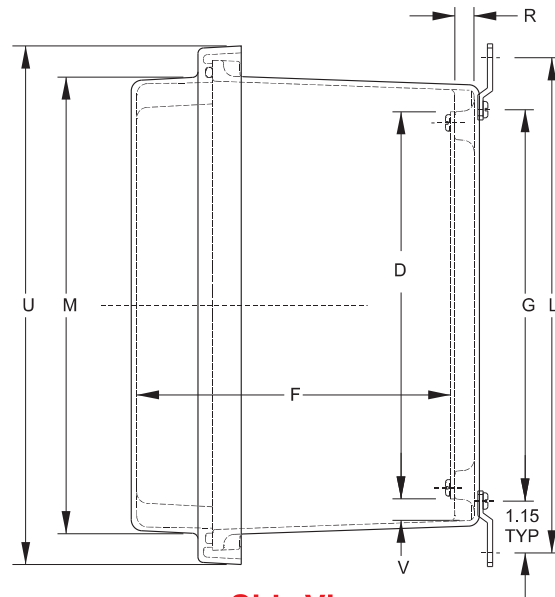
All dimensions in inches unless specified otherwise

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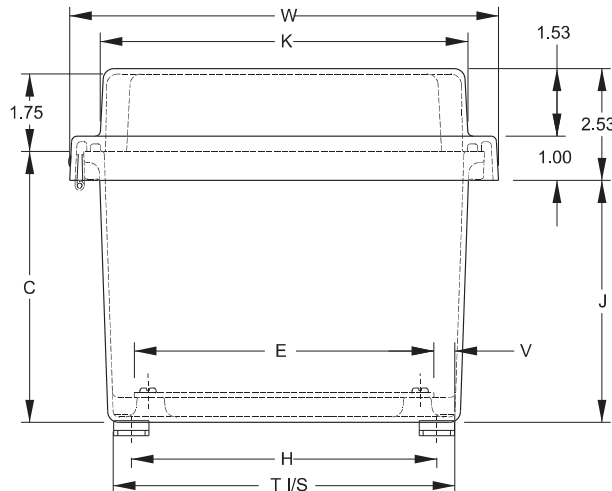
## PJ Series - Raised Lid Lift-Off, Hinged Cover, Solid and Window Door



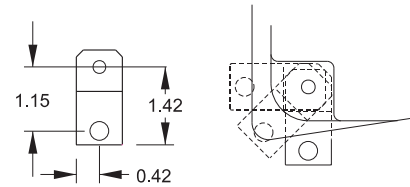
**Front View**



**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)

**Corrosion Resistant Junction Boxes**

Raised Hinged Solid Cover Part No.	Raised Window Hinged Cover Part No.	L	T	Cover Dimensions		U	W	R	V	Optional Panel Part No.	Optional Window Dim. HxW	Shipping Weight (lbs)
PJ664RH	PJ664RHW	7.32	5.83	6.08	6.08	7.69	7.69	0.44	0.49	14R0505	4.25x4.25	4
PJ864RH	PJ864RHW	9.19	5.85	6.11	7.98	9.59	7.71	0.44	0.50	14R0705	4.25x6.25	4
PJ1084RH	PJ1084RHW	11.19	7.85	8.44	10.32	11.77	9.90	0.44	0.50	14R0907	8.37x6.5	6
PJ1086RH	PJ1086RHW	11.19	7.85	8.44	10.32	11.77	9.90	0.44	0.50	14R0907	8.37x6.5	6
PJ12106RH	PJ12106RHW	13.19	9.85	10.45	12.32	13.77	11.90	0.44	0.50	14R1109	10.37x8.5	8
PJ14126RH	PJ14126RHW	15.19	11.85	12.45	14.32	15.73	13.85	0.44	0.50	14R1311	12.37x10.5	11
PJ16148RH	PJ16148RHW	17.19	13.71	13.86	15.73	17.87	15.99	0.44	0.50	14R1513	13.00x11.00	12
PJ18168RH	PJ18168RHW	19.28	15.72	15.86	17.86	20.00	18.00	0.44	0.50	P1868	14.00x12.00	17
PJ20168RH	PJ20168RHW	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.

<sup>2</sup> Type 6P

Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

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