

Polyester Modular Enclosures - NEMA 4X

PW Series - Wallmount Enclosures



Panel
Sold
Separately



Corrosion Resistant

Wallmount Enclosures

Application

- Designed to house Industrial control, instrumentation, pneumatic, valve and pump control systems.
- Excellent protection against corrosion and ultra violet rays making this a suitable enclosure for outdoor installations.
- High resistance to impact and temperature for industrial installations when subjected to frequent water exposure.

Standards

- UL/cUL 508 Type 1, 2, 3, 4, 4X, 12 & 13
- **Complies with**
 - NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12, 13
 - IEC 60529, IP 66

Construction

- Fiberglass reinforced polyester is self extinguishing and has operating temperatures of -50°C to 150°C (-58°F to 302°F).
- One piece monoblock body.
- Entire enclosure can be reversed to allow door to swing right or left.
- Built-in canopy at top and bottom protects the door and gasket and allows reversibility.
- Self-ventilating openings are located at the rear of the enclosure to permit installation of breather or pressure compensation plugs.
- Internal stainless steel hinges, built into the door with captive pins.
- Door opening of over 180°.
- Quarter turn fasteners are located outside the gasketed area.
- Grid pattern is provided on inside door area for ease of locating equipment.
- Tamperproof "double bar" quarter turn fasteners.
- Dielectric rigidity > 5kV insulating resistance > 5 MW.
- For corrosion resistance information, please refer to table in the Technical Information section.

Finish

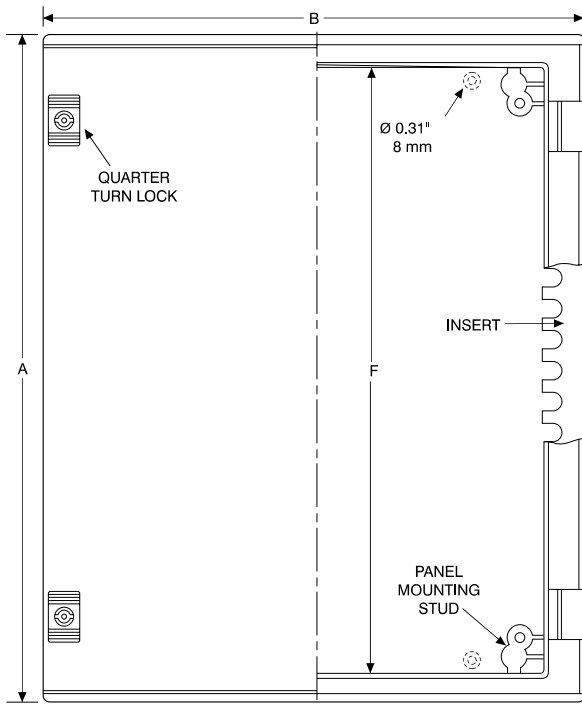
- Fiberglass polyester material is finished in RAL 7032 beige.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum.

Accessories

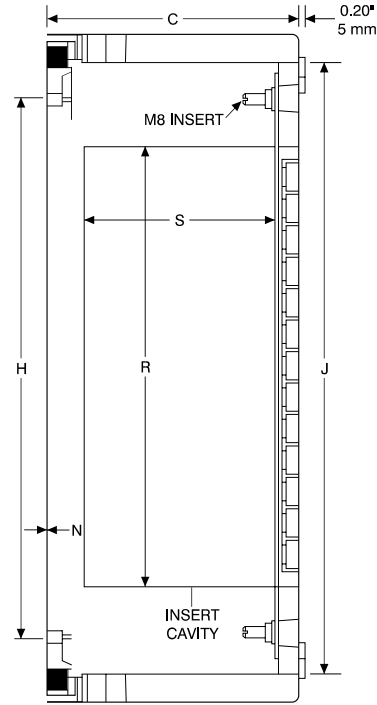
- Air vents...see page **138**
- Adjustable depth support
...see page **136**
- Literature pocket...see page **451**
- Mounting feet...see page **137**
- Metal double bar enclosure keys
...see page **139**
- Molded double bar enclosure keys
...see page **139**
- Padlock adaptor...see page **137**
- Rail fixing inserts...see page **139**
- Rear blanking cover...see page **137**
- Painted steel inner panels
...see page **136**
- Unfinished aluminum inner panels
...see page **136**
- Viewing windows...see page **138**

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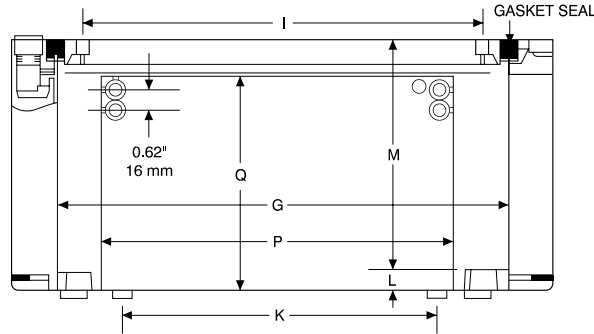
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Front View



Side View



Cross Section of Body with Door Attached

Optional Inner Panels

Enclosure Part No.	Optional Steel Inner Panel Part No.		A	B
PW433320	PWP4333	inch	14.37	9.84
		mm	365	250
PW534320	PWP5343	inch	18.31	13.78
		mm	465	350
PW654425	PWP6544	inch	22.24	13.78
		mm	565	350
PW755430	PWP7554	inch	26.18	17.72
		mm	665	450
PW856430	PWP8564	inch	30.12	21.65
		mm	765	550

¹ For aluminum panel...see page 136.

Inches are for reference only. Use metric for precise measurements.

Part No.		Overall Dimensions			Enclosure Opening			Surface Mtg Emboss							Ship Wt. lbs			
		A	B	C	F	G	H	I	J	K	L	M	N	P		Q	R	S
PW433320	inch	16.9	13.0	7.9	15.0	10.2	12.8	8.9	14.8	5.9	0.5	7.1	0.1	7.0	6.6	9.7	5.9	10
	mm	430	330	200	380	260	325	225	375	150	13	181	2.7	179	168	247	150	
PW534320	inch	20.9	16.9	7.9	18.9	14.2	16.7	12.8	18.7	9.8	0.5	7.1	0.1	11.0	6.6	13.7	5.9	14
	mm	530	430	200	480	360	425	325	475	250	13	181	2.9	279	168	347	150	
PW654425	inch	25.5	17.2	9.8	22.8	14.2	20.7	12.8	22.6	9.8	0.5	9.0	0.1	11.0	8.3	15.3	7.6	18
	mm	647	436	250	580	360	525	325	575	250	13	228	2.9	279	212	388	192	
PW755430	inch	29.4	21.1	11.8	26.8	18.1	24.6	16.7	26.6	13.8	0.6	10.9	0.1	14.9	10.3	19.2	9.5	27
	mm	747	536	300	680	460	625	425	675	350	15	278	3.0	379	261	487	241	
PW856430	inch	33.3	25.0	11.8	30.7	22.0	28.5	20.7	30.5	17.7	0.6	10.9	0.1	18.9	10.3	23.1	9.5	33
	mm	847	636	300	780	560	725	525	775	450	15	278	3.0	479	261	587	241	

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Technical references and DXF downloads available at www.hamfmfg.com

All dimensions in inches unless specified otherwise

Quality Enclosures. Service Excellence.