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Type 4, 4X Glass Reinforced Polyester Enclosures *1590ZGRP Series*

Watertight, Thick Wall, NEMA 4X, IP65, UL Listed

Key Features



- Molded from a grey, glass reinforced polyester. Smooth finish.
- Includes gasketed lid with two piece "tongue & groove" construction.
- Heavy duty, thick wall design.
- North American Mark of Safety - C UL & UL listed. Industrial Control Panel Enclosure Certified to NEMA 4, 4X standards (UL 508A) - File #E65324 and IP65 Rated
- Lid contains self captivated stainless steel screws.
- Gasket material is Mohogumi rubber (EDPM). Heat resistance 100-120 degree C, cold -40 degree C
- Easy wall mounting via "through box - blind hole" construction, outside of the gasket protection (see photos below).
- Internal mounting shelf & bonding / mounting nuts molded in (see "open" photos or drawings for more details).
- Optional 14 gauge, galvanized steel inner panels available (see drawings for details and part number listing below).

Photo Features

Internal mounting shelf accepts inner panels or PC boards.



Lid screws become captive once installed in lid.



Wall-mounting holes are located outside the gasket perimeter.



Accessories



Optional hinge kit, part number **1427HK**

- Molded from tough polyester
- Includes 12 stainless steel M4 screws & 8 o-rings.
- Mounting template included (refer to instructions)

- Note: with hinges installed, all four lid screws are required to maintain a proper seal.

Accessories

- Pole Mount Kit
- Breather Kit
- Liquid-Tight, Strain Relief Cordgrips
- Pressure Compensation Plug
- Small Rainproof Ventilator

Part Numbers

Part Number	Length	Width	Assembled Enclosure		Lid		Inner Panel	Extra Panel Screws
			Depth	Depth	Depth	Depth		
1590ZGRP081	3.17	2.97	2.17	1.58	0.59	1590ZGRP081PL	SCGM4	
1590ZGRP084	3.17	2.97	2.95	2.38	0.59	1590ZGRP081PL	SCGM4	
1590ZGRP082	4.32	2.94	2.17	1.58	0.59	1590ZGRP082PL	SCGM4	
1590ZGRP121	4.72	4.78	3.57	2.56	0.98	1590ZGRP121PL	SCGM6GRP	
1590ZGRP083	6.30	2.94	2.17	1.58	0.59	1590ZGRP083PL	SCGM4	
1590ZGRP161	6.30	6.30	3.56	2.76	0.80	1590ZGRP161PL	SCGM6GRP	
1590ZGRP131	7.48	2.94	2.17	1.58	0.59	1590ZGRP131PL	SCGM4	
1590ZGRP233	7.87	9.84	4.54	3.74	0.80	1590ZGRP233PL	SCGM6GRP	
1590ZGRP123	8.66	4.72	3.56	2.56	0.98	1590ZGRP123PL	SCGM6GRP	
1590ZGRP234	10.04	9.87	4.73	3.74	0.99	1590ZGRP234PL	SCGM6GRP	
1590ZGRP235	10.04	9.87	6.32	3.74	2.58	1590ZGRP234PL	SCGM6GRP	
1590ZGRP162	10.24	6.30	3.56	2.76	0.77	1590ZGRP162PL	SCGM6GRP	
1590ZGRP163	14.20	6.30	3.54	2.80	3.54	1590ZGRP163PL	SCGM6GRP	
1590ZGRP243	15.75	9.84	4.73	3.74	0.99	1590ZGRP243PL	SCGM6GRP	
1590ZGRP244	15.75	9.84	6.30	3.78	2.56	1590ZGRP243PL	SCGM6GRP	
1590ZGRP253	15.94	15.75	4.72	3.93	0.79	1590ZGRP253PL	SCGM6GRP	
1590ZGRP263	23.62	9.84	4.72	3.74	0.99	1590ZGRP263PL	SCGM6GRP	
1590ZGRP264	23.62	9.84	6.30	3.78	2.56	1590ZGRP263PL	SCGM6GRP	

Data subject to change without notice

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