HAMMOND MANUFACTURING

Quality Products. Service Excellence.

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

Watertight, Thick Wall, NEMA 4X, IP66, 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 IP66 Rated
- Impact rating of IK08 per IEC62262
- 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 16 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 stianless 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

	Assembled			Enclosure	Lid			
Part Number	Length	Width	Depth	Depth	Depth	Inner Panel	Extra Lid Screws	Extra Panel Screws
1590ZGRP081	3.17	2.97	2.17	1.58	0.59	**1590ZGRP081PL**	**SC583-50**	**SCGM4-50**
1590ZGRP084	3.17	2.97	2.95	2.38	0.59	**1590ZGRP081PL**	**SC583-50**	**SCGM4-50**
1590ZGRP082	4.32	2.94	2.17	1.58	0.59	**1590ZGRP082PL**	**SC583-50**	**SCGM4-50**
1590ZGRP121	4.72	4.78	3.57	2.56	0.98	**1590ZGRP121PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP083	6.30	2.94	2.17	1.58	0.59	**1590ZGRP083PL**	**SC583-50**	**SCGM4-50**
1590ZGRP161	6.30	6.30	3.56	2.76	0.80	**1590ZGRP161PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP131	7.48	2.94	2.17	1.58	0.59	**1590ZGRP131PL**	**SC583-50**	**SCGM4-50**
1590ZGRP233	7.87	9.84	4.54	3.74	0.80	**1590ZGRP233PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP123	8.66	4.72	3.56	2.56	0.98	**1590ZGRP123PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP234	10.04	9.87	4.73	3.74	0.99	**1590ZGRP234PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP235	10.04	9.87	6.32	3.74	2.58	**1590ZGRP234PL**	**SC571-12**	**SCGM6GRP-20**
1590ZGRP162	10.24	6.30	3.56	2.76	0.77	**1590ZGRP162PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP163	14.20	6.30	3.54	2.80	3.54	**1590ZGRP163PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP243	15.75	9.84	4.73	3.74	0.99	**1590ZGRP243PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP244	15.75	9.84	6.30	3.78	2.56	**1590ZGRP243PL**	**SC571-12**	**SCGM6GRP-20**
1590ZGRP253	15.94	15.75	4.72	3.93	0.79	**1590ZGRP253PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP263	23.62	9.84	4.72	3.74	0.99	**1590ZGRP263PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP264	23.62	9.84	6.30	3.78	2.56	**1590ZGRP263PL**	**SC571-12**	**SCGM6GRP-20**

Data subject to change without notice

© 2022. Hammond Manufacturing Ltd. All rights reserved.