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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
- Lid contains self captivated stainless steel screws.
- Gasket material is Mohogumi rubber (EDPM). Heat resistance 100-120 degree C, cold -40 degree C. Supplied loose inside the enclosure (not pre-installed).
- 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 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 | Assembled Enclosure | | | | | Lid | Inner Panel | Extra Lid Screws | Extra Panel Screws |
|-------------|---------------------|-------|-------|-------|-------|---------------|-------------|------------------|--------------------|
| | Length | Width | Depth | Depth | Depth | | | | |
| 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

