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

Watertight, Thick Wall, NEMA 4X, IP66, UL Listed







Key Features:

- Molded from glass reinforced polyester. Smooth finish.
- Heavy duty thick wall design.
- Includes gasketed lid with two piece tongue and groove construction.
- C UL & UL listed under file #E65324.
- Rated IP66. Certified to NEMA 4, 4X standards per UL 508A.
- Enclosures have an impact rating of IK09 in conformity with IEC62262.
- Recommended operating temperature is -40°C to +120°C (-40°F to +248°F).
- Lid contains self-captivated stainless steel screws.
- Gasket material is EPDM sponge rubber.
- Easy wall mounting via through holes located outside of the gasket channel.
- Internal mounting shelf for bonding/mounting nuts molded in.
- Optional 16 gauge galvanized steel inner panels available.

Photo Features

Internal mounting shelf accepts inner panels or PC boards.



Lid screws become captive once installed in lid.



Wallmounting holes are located outside the gasket perimeter.



Accessories



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

- Molded from tough polyester
- Includes 12x stainless steel M4 screws and 8x o-rings.
- Mounting template included
- Note: with hinges installed, all four lid screws are required

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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 Depth	Enclosure Depth	Lid Depth	Inner Panel	Extra Lid Screws	Extra Panel Screws
1590ZGRP081	80	75	55	40	15	1590ZGRP081PL	SC583-50	SCGM4-50
1590ZGRP084	81	76	75	61	15	1590ZGRP081PL	SC583-50	SCGM4-50
1590ZGRP082	110	75	55	40	15	1590ZGRP082PL	SC583-50	SCGM4-50
1590ZGRP121	122	120	90	65	25	1590ZGRP121PL	SC570-20	SCGM6GRP-20
1590ZGRP083	160	75	55	41	15	1590ZGRP083PL	SC583-50	SCGM4-50
1590ZGRP161	160	160	90	70	20	1590ZGRP161PL	SC570-20	SCGM6GRP-20
1590ZGRP131	190	75	55	40	15	1590ZGRP131PL	SC583-50	SCGM4-50
1590ZGRP233	250	200	120	95	25	1590ZGRP233PL	SC570-20	SCGM6GRP-20
1590ZGRP123	220	120	91	66	25	1590ZGRP123PL	SC570-20	SCGM6GRP-20
1590ZGRP234	255	250	120	95	25	1590ZGRP234PL	SC570-20	SCGM6GRP-20
1590ZGRP235	255	250	161	95	66	1590ZGRP234PL	SC571-12	SCGM6GRP-20
1590ZGRP162	260	160	90	70	20	1590ZGRP162PL	SC570-20	SCGM6GRP-20
1590ZGRP163	360	160	90	71	20	1590ZGRP163PL	SC570-20	SCGM6GRP-20
1590ZGRP243	400	250	120	95	25	1590ZGRP243PL	SC570-20	SCGM6GRP-20
1590ZGRP244	400	250	160	96	65	1590ZGRP243PL	SC571-12	SCGM6GRP-20
1590ZGRP253	400	405	120	95	25	1590ZGRP253PL	SC570-20	SCGM6GRP-20
1590ZGRP263	600	250	120	95	25	1590ZGRP263PL	SC570-20	SCGM6GRP-20
1590ZGRP264	600	250	160	95	65	1590ZGRP263PL	SC571-12	SCGM6GRP-20

Tags: **non metallic**, **polyester**, **fiberglass**, **NEMA**, **impact**, **IK**, **gasket**, **watertight**, **ZGRP**

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