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

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







Key Features:

- Molded from a black, 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
- Enclosures have an impact rating of IK09 in conformity with IEC 62208 and IEC 62262.
- Lid contains self captivated stainless steel screws.
- Gasket is silicone. Heat resistance 100 degrees 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 **1427HKBK**

- 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.

Part Number	Length	Width	Assembled Depth	Enclosure Depth	Lid Depth	Inner Panel	Extra Lid Screws	Extra Panel Screws
1590ZGRP081BK	3.17	2.97	2.17	1.58	0.59	**1590ZGRP081PL**	**SC583-50**	**SCGM4-50**
1590ZGRP084BK	3.17	2.97	2.95	2.38	0.59	**1590ZGRP081PL**	**SC583-50**	**SCGM4-50**
1590ZGRP082BK	4.32	2.94	2.17	1.58	0.59	**1590ZGRP082PL**	**SC583-50**	**SCGM4-50**
1590ZGRP121BK	4.72	4.78	3.57	2.56	0.98	**1590ZGRP121PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP083BK	6.30	2.94	2.17	1.58	0.59	**1590ZGRP083PL**	**SC583-50**	**SCGM4-50**
1590ZGRP161BK	6.30	6.30	3.56	2.76	0.80	**1590ZGRP161PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP131BK	7.48	2.94	2.17	1.58	0.59	**1590ZGRP131PL**	**SC583-50**	**SCGM4-50**
1590ZGRP123BK	8.66	4.72	3.56	2.56	0.98	**1590ZGRP123PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP234BK	10.04	9.87	4.73	3.74	0.99	**1590ZGRP234PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP235BK	10.04	9.87	6.32	3.74	2.58	**1590ZGRP234PL**	**SC571-12**	**SCGM6GRP-20**
1590ZGRP162BK	10.24	6.30	3.56	2.76	0.77	**1590ZGRP162PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP163BK	14.20	6.30	3.54	2.80	3.54	**1590ZGRP163PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP243BK	15.75	9.84	4.73	3.74	0.99	**1590ZGRP243PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP244BK	15.75	9.84	6.30	3.78	2.56	**1590ZGRP243PL**	**SC571-12**	**SCGM6GRP-20**
1590ZGRP253BK	15.94	15.75	4.72	3.93	0.79	**1590ZGRP253PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP263BK	23.62	9.84	4.72	3.74	0.99	**1590ZGRP263PL**	**SC570-20**	**SCGM6GRP-20**
1590ZGRP264BK	23.62	9.84	6.30	3.78	2.56	**1590ZGRP263PL**	**SC571-12**	**SCGM6GRP-20**

Data subject to change without notice

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