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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 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 is silicone. 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 **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.

Gallery



Part Number	Length	Width	Assembled	Enclosure	Lid	Inner Panel	Extra Lid Screws	Extra Panel Screws
			Depth	Depth	Depth			
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
1590ZGRP233BK	7.87	9.84	4.54	3.74	0.80	1590ZGRP233PL	SC570-20	SCGM6GRP-20
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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