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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		Enclosure		Lid		
			Depth	Depth	Depth	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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