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Key Features:

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.
- Two piece "tongue & groove" construction with a one piece silicone rubber gasket provides protection against access of dust and water.
- Ideal for repetitive opening and closing.
- Four recessed stainless steel machine screws secure lid into tapped holes.
- Easy to wall mount using "through box - blind hole" construction, outside of gasket protection.
- Lid screws are self captivating (lid holes are threaded with the first installation of lid screws).
- Designed to meet IP66.
- North American Mark of Safety - cUL & UL listed. Certified to NEMA 4X standards (UL508) - File #E65324 (NOTE: Except for 1590Z235)
- Painted versions are painted inside and out with a tough powder paint. Choice of satin black or smooth grey (RAL 7001).
- For non-metallic (glass reinforced polyester) versions of these enclosures link here to our [1590ZGRP series](#)
- Link here to [photo tables](#) of each part (in natural finish).

Part Number	Color	Reader File	AutoCAD .dwg File (zipped)	3D Solid Model .igs & .stp files (zipped)	Internal Mounting Shelf		Units	Length	Width	Enclosure Depth (Less Lid)	Lid Thickness
1590Z060	Natural					Listed	Inches	1.98	1.77	.95	0.24
1590Z060BK	Black				NO		mm	50	45	24	6
1590Z061	Natural					Listed	Inches	2.51	2.29	1.03	0.39
1590Z061BK	Black				NO		mm	64	58	26	10
1590Z100	Natural					Listed	Inches	2.94	3.14	1.57	0.47
1590Z100BK	Black				YES		mm	76	80	40	12
1590Z110	Natural					Listed	Inches	2.94	3.14	1.57	0.47
1590Z110BK	Black				NO		mm	76	80	40	12
1590Z062	Natural					Listed	Inches	3.86	2.52	1.03	0.39
1590Z062BK	Black				NO		mm	98	64	26	10
1590Z119	Natural					Listed	Inches	4.80	4.72	2.36	0.8
1590Z119BK	Black				YES		mm	122	120	60	20
1590Z120	Natural					Listed	Inches	4.90	3.15	1.75	0.61
1590Z120BK	Black				YES		mm	125	80	45	15.5
1590Z063	Natural					Listed	Inches	5.89	2.51	1.03	0.39
1590Z063BK	Black				NO		mm	150	64	26	10
1590Z160	Natural					Listed	Inches	6.30	6.30	2.76	0.79
1590Z160BK	Black				YES		mm	160	160	70	20
1590Z130	Natural					Listed	Inches	6.91	3.15	1.65	0.45
1590Z130BK	Black				NO		mm	176	80	42	12
1590Z135	Natural					Listed	Inches	6.91	3.15	1.65	0.79
1590Z135BK	Black				NO		mm	176	80	42	20
1590Z150	Natural					Listed	Inches	8.70	4.76	2.39	0.79
1590Z150BK	Black				YES		mm	221	121	60	20
1590Z231	Natural					Listed	Inches	9.05	7.88	3.63	0.8
1590Z231BK	Black				YES		mm	230	200	92	20
1590Z140	Natural					Listed	Inches	9.85	3.13	1.57	0.59
1590Z140BK	Black				YES		mm	250	80	40	15
1590Z162	Natural					Listed	Inches	10.24	6.25	2.75	0.79
1590Z162BK	Black				YES		mm	260	159	70	20
1590Z235	Natural					NOT Listed (Pending)	Inches	13.18	9.23	4.36	0.79
1590Z235BK	Black				YES		mm	335	235	111	20
1590Z166	Natural					Listed	Inches	14.17	6.30	2.76	0.79
1590Z166BK	Black				YES		mm	360	160	70	20
1590Z164	Natural					Listed	Inches	14.23	4.72	2.38	0.79
1590Z164BK	Black				YES		mm	361	120	60	20

Link here to [photo tables](#) of each part number (in natural finish)

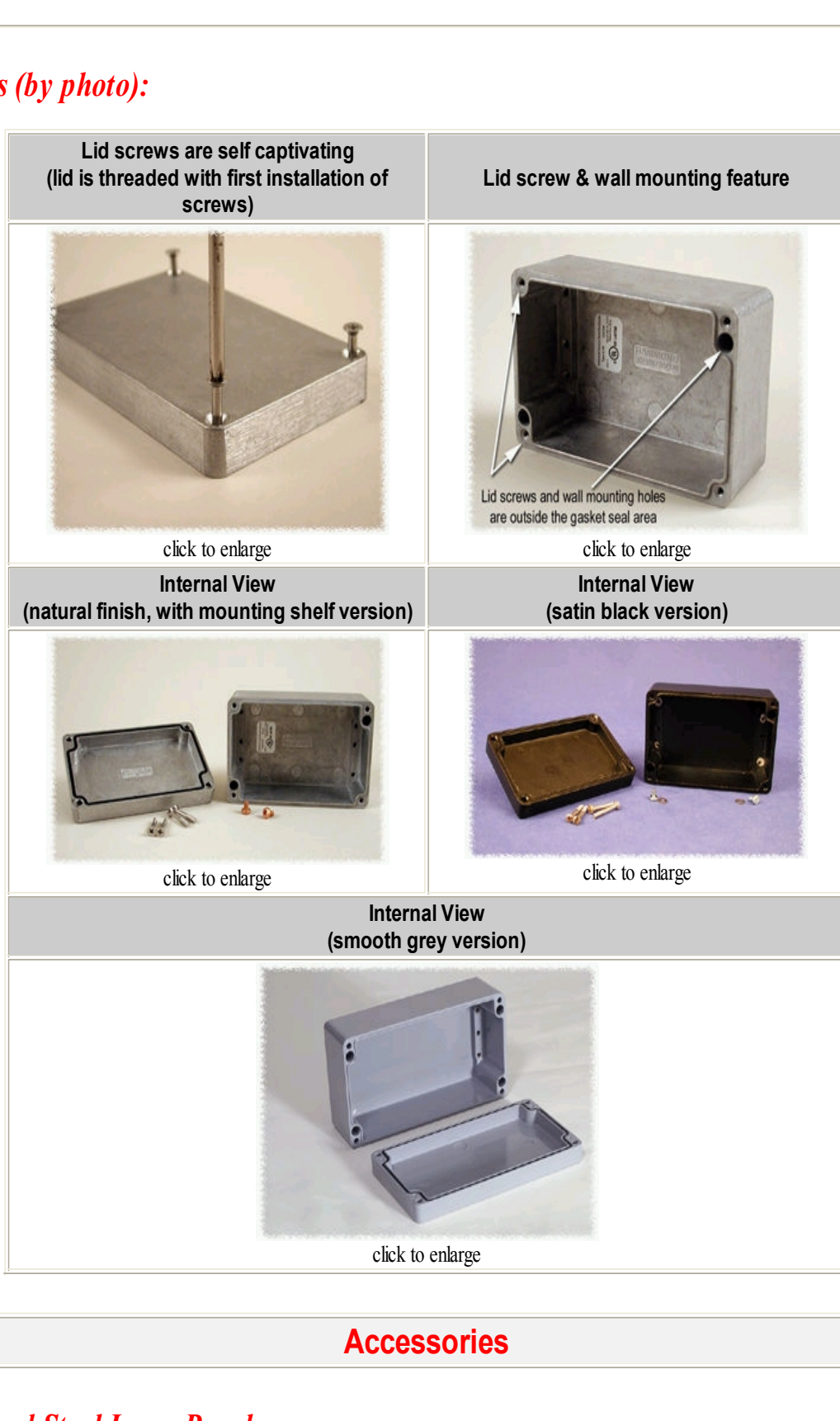
NOTES:

- 1590Z100/119/120/140/150/160/162/164/166/231/235 have interior - full width panel mounting shelf (please refer to drawings).
- 1590Z060/061/062/110/130/135 have 2 interior - corner panel mounting (please refer to drawings).

Color Options :



Features (by photo):



Accessories

Galvanized Steel Inner Panels:

Panel Part Number	Thumbnail Photo	Use With Enclosure Series	Description (Includes Mounting Hardware)
1590Z100PL		1590Z62, 1590Z100	14 ga. galvanized steel inner panel
1590Z119PL		1590Z119	14 ga. galvanized steel inner panel
1590Z120PL		1590Z120	14 ga. galvanized steel inner panel
1590Z140PL		1590Z140	14 ga. galvanized steel inner panel
1590Z150PL		1590Z150	14 ga. galvanized steel inner panel
1590Z160PL		1590Z160	14 ga. galvanized steel inner panel
1590Z162PL		1590Z162	14 ga. galvanized steel inner panel
1590Z164PL		1590Z164	14 ga. galvanized steel inner panel
1590Z166PL		1590Z166	14 ga. galvanized steel inner panel
1590Z231PL		1590Z231	14 ga. galvanized steel inner panel
1590Z235PL		1590Z235	14 ga. galvanized steel inner panel

NOTE: These panels do NOT fit our 1590Z "GRP" polyester series enclosures.

Replacement - Copper Grounding Screws:

Screw Pack Part Number	Thumbnail Photo	Use With Enclosure Series	Qty of copper screws & washers
SCGM6		1590Z119, 1590Z135, 1590Z140, 1590Z150, 1590Z160, 1590Z162, 1590Z164, 1590Z231, 1590Z235	4
SCGM4		1590Z061, 1590Z062, 1590Z063, 1590Z100, 1590Z110, 1590Z120, 1590Z130	2

Replacement - Gasket Kits:

Gasket Kit Part Number	Thumbnail Photo	Use With Enclosure Series
1590Z060G		1590Z060
1590Z061G		1590Z061
1590Z062G		1590Z062
1590Z063G		1590Z063
1590Z100G		1590Z100 or 1590Z110
1590Z119G		1590Z119
1590Z120G		1590Z120
1590Z130G		1590Z130 or 1590Z135
1590Z140G		1590Z140
1590Z150G		1590Z150
1590Z160G		1590Z160
1590Z162G		1590Z162
1590Z164G		1590Z164
1590Z166G		1590Z166
1590Z231G		1590Z231
1590Z235G		1590Z235

NOW catalog pages on this series (167K) [9C-1590Z.pdf](#)

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Link to our stocking distributors - most have "on-line" pricing, stock check and ordering!!!

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