HAMMOND MANUFACTURING

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Type 4X/ 6P Diecast Aluminum Enclosures *1590Z Series*

Watertight, Thick Wall, UL Listed









Key Features:

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.
- Two piece “tongue & groove” construction with a replaceable one-piece silicone rubber gasket provides protection against access of dust and water. Gasket supplied loose inside the enclosure (not pre-installed).
- Gasket has a temperature rating of -40C to +150C
- 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). (NOTE: Except for **1590Z060**, **1590Z061**, **1590Z062**, and **1590Z063**)
- Designed to meet IP68.
- North American Mark of Safety - cUL & UL listed. Certified to Type 4, 4X, 6, 6P.
- All sizes except 1590Z060** carry an impact rating of IK08 per IEC62262
- 16ga galvanized steel inner panels are available for most sizes, and are sold separately (refer to table below).
- Painted versions are painted inside and out with a tough powder paint. Choice of textured black or smooth gray (RAL 7001).
- For non-metallic (glass reinforced polyester) versions of these enclosures, see series **1590ZGRP**

Photos

Available unfinished or powder coated in textured black or smooth gray.















Lid screws are self captivating (lid is threaded with first installation of screws)



Lid screws and wall mounting holes are outside the gasket channel.



Inner panels are available for most sizes and are sold separately.

Accessories

- Pole Mount Kit
- Breather Kit
- Liquid-Tight, Strain Relief Cordgrips
- Pressure Compensation Plug
- Small Rainproof Ventilator

Enclosure

Part Number	Color	Internal Mounting Shelf	Length	Width	Total Depth	Lid Depth	Extra Lid Screws	Inner Panel	Extra Panel Screws	Replacement Gasket
1590Z060	Natural	NO	1.98	1.77	1.20	0.24	**SC1550Z103-50**		**SCG060-50**	**1590Z060G**
1590Z060BK	Black	NO	1.98	1.77	1.20	0.24	**SC1550Z103-50**		**SCG060-50**	**1590Z060G**
1590Z060GY	Gray	NO	1.98	1.77	1.20	0.24	**SC1550Z103-50**		**SCG060-50**	**1590Z060G**
1590Z061	Natural	NO	2.51	2.29	1.39	0.20	**SC1550Z103-50**		**SCG060-50**	**1590Z061G**
1590Z061BK	Black	NO	2.51	2.29	1.39	0.20	**SC1550Z103-50**		**SCG060-50**	**1590Z061G**
1590Z061GY	Gray	NO	2.51	2.29	1.39	0.20	**SC1550Z103-50**		**SCG060-50**	**1590Z061G**
1590Z100	Natural	YES	2.94	3.14	2.05	0.47	**SC576-50**	**1590Z100PL**	**SCGM4-50**	**1590Z100G**
1590Z100BK	Black	YES	2.94	3.14	2.05	0.47	**SC576-50**	**1590Z100PL**	**SCGM4-50**	**1590Z100G**
1590Z100GY	Gray	YES	2.94	3.14	2.05	0.47	**SC576-50**	**1590Z100PL**	**SCGM4-50**	**1590Z100G**
1590Z110	Natural	NO	2.94	3.14	2.05	0.47	**SC576-50**		**SCGM4-50**	**1590Z100G**
1590Z110BK	Black	NO	2.94	3.14	2.05	0.47	**SC576-50**		**SCGM4-50**	**1590Z100G**
1590Z110GY	Gray	NO	2.94	3.14	2.05	0.47	**SC576-50**		**SCGM4-50**	**1590Z100G**
1590Z062	Natural	NO	3.87	2.54	1.35	0.36	**SC1550Z103-50**		**SCG060-50**	**1590Z062G**
1590Z062BK	Black	NO	3.87	2.54	1.35	0.36	**SC1550Z103-50**		**SCG060-50**	**1590Z062G**
1590Z062GY	Gray	NO	3.87	2.54	1.35	0.36	**SC1550Z103-50**		**SCG060-50**	**1590Z062G**
1590Z080	Natural	YES	3.94	3.94	3.15	0.79	**SC576-50**	**1590Z080PL**	**SCGM4-50**	**1590Z080G**
1590Z080BK	Black	YES	3.94	3.94	3.15	0.79	**SC576-50**	**1590Z080PL**	**SCGM4-50**	**1590Z080G**
1590Z080GY	Gray	YES	3.94	3.94	3.15	0.79	**SC576-50**	**1590Z080PL**	**SCGM4-50**	**1590Z080G**
1590Z119	Natural	YES	4.80	4.72	3.23	0.81	**SC564-12**	**1590Z119PL**	**SCGM6-20**	**1590Z119G**
1590Z119BK	Black	YES	4.80	4.72	3.23	0.81	**SC564-12**	**1590Z119PL**	**SCGM6-20**	**1590Z119G**
1590Z119GY	Gray	YES	4.80	4.72	3.23	0.81	**SC564-12**	**1590Z119PL**	**SCGM6-20**	**1590Z119G**
1590Z120	Natural	YES	4.94	3.17	2.31	0.61	**SC1550Z107-50**	**1590Z120PL**	**SCGM4-50**	**1590Z120G**
1590Z120BK	Black	YES	4.94	3.17	2.31	0.61	**SC1550Z107-50**	**1590Z120PL**	**SCGM4-50**	**1590Z120G**
1590Z120GY	Gray	YES	4.94	3.17	2.31	0.61	**SC1550Z107-50**	**1590Z120PL**	**SCGM4-50**	**1590Z120G**
1590Z090	Natural	YES	5.51	5.51	3.54	1.18	**SC564-12**	**1590Z090PL**	**SCGM6-20**	**1590Z090G**
1590Z090BK	Black	YES	5.51	5.51	3.54	1.18	**SC564-12**	**1590Z090PL**	**SCGM6-20**	**1590Z090G**
1590Z090GY	Gray	YES	5.51	5.51	3.54	1.18	**SC564-12**	**1590Z090PL**	**SCGM6-20**	**1590Z090G**
1590Z063	Natural	NO	5.91	2.53	1.43	0.40	**SC1550Z103-50**		**SCG060-50**	**1590Z063G**
1590Z063BK	Black	NO	5.91	2.53	1.43	0.40	**SC1550Z103-50**		**SCG060-50**	**1590Z063G**
1590Z063GY	Gray	NO	5.91	2.53	1.43	0.40	**SC1550Z103-50**		**SCG060-50**	**1590Z063G**

Part Number	Color	Internal Mounting Shelf	Length	Width	Total Depth	Lid Depth	Extra Lid Screws	Inner Panel	Extra Panel Screws	Replacement Gasket
1590Z160	Natural	YES	6.30	6.30	3.53	0.79	**SC564-12**	**1590Z160PL**	**SCGM6-20**	**1590Z160G**
1590Z160BK	Black	YES	6.30	6.30	3.53	0.79	**SC564-12**	**1590Z160PL**	**SCGM6-20**	**1590Z160G**
1590Z160GY	Gray	YES	6.30	6.30	3.53	0.79	**SC564-12**	**1590Z160PL**	**SCGM6-20**	**1590Z160G**
1590Z130	Natural	NO	6.89	3.15	2.05	0.47	**SC576-50**		**SCGM4-50**	**1590Z130G**
1590Z130BK	Black	NO	6.89	3.15	2.05	0.47	**SC576-50**		**SCGM4-50**	**1590Z130G**
1590Z130GY	Gray	NO	6.89	3.15	2.05	0.47	**SC576-50**		**SCGM4-50**	**1590Z130G**
1590Z135	Natural	NO	6.89	3.15	2.36	0.79	**SC574-30**		**SCGM4-50**	**1590Z130G**
1590Z135BK	Black	NO	6.89	3.15	2.36	0.79	**SC574-30**		**SCGM4-50**	**1590Z130G**
1590Z135GY	Gray	NO	6.89	3.15	2.36	0.79	**SC574-30**		**SCGM4-50**	**1590Z130G**
1590Z137	Natural	YES	7.87	3.15	2.36	0.79	**SC574-30**	**1590Z137PL**	**SCGM4-50**	**1590Z137G**
1590Z137BK	Black	YES	7.87	3.15	2.36	0.79	**SC574-31**	**1590Z137PL**	**SCGM4-50**	**1590Z137G**
1590Z137GY	Gray	YES	7.87	3.15	2.36	0.79	**SC574-32**	**1590Z137PL**	**SCGM4-50**	**1590Z137G**
1590Z150	Natural	YES	8.70	4.74	3.17	0.81	**SC564-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z150BK	Black	YES	8.70	4.74	3.17	0.81	**SC564-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z150GY	Gray	YES	8.70	4.74	3.17	0.81	**SC564-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z155	Natural	YES	8.70	4.74	3.54	1.18	**SC565-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z155BK	Black	YES	8.70	4.74	3.54	1.18	**SC565-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z155GY	Gray	YES	8.70	4.74	3.54	1.18	**SC565-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z231	Natural	YES	9.06	7.87	4.33	0.79	**SC564-12**	**1590Z231PL**	**SCGM6-20**	**1590Z231G**
1590Z231BK	Black	YES	9.06	7.87	4.33	0.79	**SC564-12**	**1590Z231PL**	**SCGM6-20**	**1590Z231G**
1590Z231GY	Gray	YES	9.06	7.87	4.33	0.79	**SC564-12**	**1590Z231PL**	**SCGM6-20**	**1590Z231G**
1590Z140	Natural	YES	9.85	3.14	2.24	0.59	**SC576-50**	**1590Z140PL**	**SCGM4-50**	**1590Z140G**
1590Z140BK	Black	YES	9.85	3.14	2.24	0.59	**SC576-50**	**1590Z140PL**	**SCGM4-50**	**1590Z140G**
1590Z140GY	Gray	YES	9.85	3.14	2.24	0.59	**SC576-50**	**1590Z140PL**	**SCGM4-50**	**1590Z140G**
1590Z162	Natural	YES	10.24	6.30	3.53	0.79	**SC564-12**	**1590Z162PL**	**SCGM6-20**	**1590Z162G**
1590Z162BK	Black	YES	10.24	6.30	3.53	0.79	**SC564-12**	**1590Z162PL**	**SCGM6-20**	**1590Z162G**
1590Z162GY	Gray	YES	10.24	6.30	3.53	0.79	**SC564-12**	**1590Z162PL**	**SCGM6-20**	**1590Z162G**
1590Z163	Natural	YES	10.24	6.31	6.30	0.79	**SC564-12**	**1590Z163PL**	**SCGM6-20**	**1590Z162G**
1590Z163BK	Black	YES	10.24	6.31	6.30	0.79	**SC564-12**	**1590Z163PL**	**SCGM6-20**	**1590Z162G**
1590Z163GY	Gray	YES	10.24	6.31	6.30	0.79	**SC564-12**	**1590Z163PL**	**SCGM6-20**	**1590Z162G**
1590Z235	Natural	YES	13.02	9.09	4.42	0.78	**SC599-12**	**1590Z235PL**	**SCGM6-20**	**1590Z235G**
1590Z235BK	Black	YES	13.02	9.09	4.42	0.78	**SC599-12**	**1590Z235PL**	**SCGM6-20**	**1590Z235G**
1590Z235GY	Gray	YES	13.02	9.09	4.42	0.78	**SC599-12**	**1590Z235PL**	**SCGM6-20**	**1590Z235G**
1590Z164	Natural	YES	14.17	4.72	3.15	0.79	**SC599-12**	**1590Z164PL**	**SCGM6-20**	**1590Z164G**
1590Z164BK	Black	YES	14.17	4.72	3.15	0.79	**SC599-12**	**1590Z164PL**	**SCGM6-20**	**1590Z164G**
1590Z164GY	Gray	YES	14.17	4.72	3.15	0.79	**SC599-12**	**1590Z164PL**	**SCGM6-20**	**1590Z164G**
1590Z166	Natural	YES	14.17	6.30	3.54	0.79	**SC564-12**	**1590Z166PL**	**SCGM6-20**	**1590Z166G**
1590Z166BK	Black	YES	14.17	6.30	3.54	0.79	**SC564-12**	**1590Z166PL**	**SCGM6-20**	**1590Z166G**
1590Z166GY	Gray	YES	14.17	6.30	3.54	0.79	**SC564-12**	**1590Z166PL**	**SCGM6-20**	**1590Z166G**
1590Z250	Natural	YES	15.75	9.06	7.09	0.79	**SC599-12**	**1590Z250PL**	**SCGM6-20**	**1590Z250G**
1590Z250BK	Black	YES	15.75	9.06	7.09	0.79	**SC599-12**	**1590Z250PL**	**SCGM6-20**	**1590Z250G**
1590Z250GY	Gray	YES	15.75	9.06	7.09	0.79	**SC599-12**	**1590Z250PL**	**SCGM6-20**	**1590Z250G**

Tags: **thick wall**, **diecast**, **nema**, **industrial**, **aluminum**, **inner panel**, **IP68**

Data subject to change without notice

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