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# Watertight Diecast Aluminum Enclosures 1550Z Series

cUL & UL Listed, Thick Wall

## Key Features



- Very economical - thick wall - diecast aluminum - watertight electronic instrument enclosure
- Rugged, diecast aluminum alloy (tough - yet easy to machine),
- Two piece "tongue & groove" construction for protection against access of dust and water.
- Ideal for repetitive opening and closing.
- Easy to wall mount using "through box - blind hole" construction (on all sizes except: **1550Z102, 1550Z115 & 1550Z120**). Access to blind holes is outside of gasket ring for superior protection (see photo features below).
- Unpainted version is vibra finished for a smooth surface with no sharp edges.
- Textured black version is coated with tough polyester powder for a lasting finish, even after machining. Finish is applied to the entire enclosure (inside & out).
- Lid secured with either two, four or six (count varies with size) stainless steel, Philips head, counter sunk, machine screws - into factory tapped holes.
- Lid screws are outside the gasket protection area to eliminate the need for "O" rings on the screws.
- On six sizes (the **1550Z107, 1550Z108, 1550Z116, 1550Z117, 1550Z137 & 1550Z139**) lid screws are self capturing. The lid holes are slightly undersized & threaded with the first installation of the self tapping - lid screws (see photos)). Enclosure holes are pre-tapped.
- Designed to meet IP66 (NEMA 1, 4, 4X, 12 & 13 ratings). Gasket is pre-formed, one-piece silicone rubber and installs easily into lid groove.
- North American Mark of Safety - cUL & UL listed. Certified to NEMA 4X standards - File #E71073
- No internal ribs for easy installation of connectors without interference or additional milling.

No internal ribs on the wall make connector installation easy.

Lid screws become captive once installed in lid.

Wall-mounting holes are located outside the gasket perimeter.



## Accessories

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

## Enclosures

Part Number	Color	Length	Width	Box Depth	Lid Depth	Replacement Lid Screw Pack	Replacement Ground Screw Pack	Replacement Gaskets (Pair)
1550Z101	Unpainted	50	45	24	6	SC1550Z103-50	SCG060-50	1550Z101GASKET
1550Z101BK	Black	50	45	24	6	SC1550Z103-50	SCG060-50	1550Z101GASKET
1550Z104	Unpainted	65	58	30	5	SC1550Z103-50	SCG060-50	1550Z104GASKET
1550Z104BK	Black	65	58	30	5	SC1550Z103-50	SCG060-50	1550Z104GASKET
1550Z102	Unpainted	90	36	25	5	SC1550Z102-50	SCG060-50	1550Z102GASKET

Part Number	Color	Length	Width	Box Depth	Lid Depth	Replacement Screw Pack	Replacement Ground Screw Pack	Replacement Gaskets (Pair)
1550Z102BK	Black	90	36	25	5	SC1550Z102-50	SCG060-50	1550Z102GASKET
1550Z103	Unpainted	98	65	25	9	SC1550Z103-50	SCG060-50	1550Z103GASKET
1550Z103BK	Black	98	65	25	9	SC1550Z103-50	SCG060-50	1550Z103GASKET
1550Z106	Unpainted	115	66	25	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z106BK	Black	115	66	25	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z111	Unpainted	115	66	50	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z111BK	Black	115	66	50	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z113	Unpainted	115	90	50	5	SC1550Z103-50	SCG060-50	1550Z113GASKET
1550Z113BK	Black	115	90	50	5	SC1550Z103-50	SCG060-50	1550Z113GASKET
1550Z137	Unpainted	121	121	81	21	SC1550Z116-30	SCG060-50	1550Z137GASKET
1550Z137BK	Black	121	121	81	21	SC1550Z116-30	SCG060-50	1550Z137GASKET
1550Z107	Unpainted	125	81	25	15	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z107BK	Black	125	81	25	15	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z108	Unpainted	125	81	43	15	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z108BK	Black	125	81	43	15	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z115	Unpainted	148	108	65	10	SC1550Z103-50	SCG060-50	1550Z115GASKET
1550Z115BK	Black	148	108	65	10	SC1550Z103-50	SCG060-50	1550Z115GASKET
1550Z109	Unpainted	150	64	26	10	SC1550Z103-50	SCG060-50	1550Z109GASKET
1550Z109BK	Black	150	64	26	10	SC1550Z103-50	SCG060-50	1550Z109GASKET
1550Z139	Unpainted	160	160	82	21	SC1550Z116-30	SCG060-50	1550Z139GASKET
1550Z139BK	Black	160	160	82	21	SC1550Z116-30	SCG060-50	1550Z139GASKET
1550Z116	Unpainted	161	100	40	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z116BK	Black	161	100	40	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z117	Unpainted	161	100	61	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z117BK	Black	161	100	61	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z120	Unpainted	171	121	45	10	SC1550Z103-50	SCG060-50	1550Z120GASKET
1550Z120BK	Black	171	121	45	10	SC1550Z103-50	SCG060-50	1550Z120GASKET
1550Z124	Unpainted	223	147	50	5	SC1550Z103-50	SCG060-50	1550Z124GASKET
1550Z124BK	Black	223	147	50	5	SC1550Z103-50	SCG060-50	1550Z124GASKET
1550Z220	Unpainted	223	147	50	33	SC1550Z220-30	SCG060-50	1550Z124GASKET
1550Z220BK	Black	223	147	50	33	SC1550Z220-30	SCG060-50	1550Z124GASKET

*Data subject to change without notice*

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