

Path: Home > Enclosure Index > Diecast Aluminum - Light Duty Watertight - With Flanged Lid



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
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
























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**Key Features:**

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.
- Lap joint construction with a factory poured silicone rubber gasket around the perimeter of the lid provides protection against access of dust and water.
- Silicone rubber gasket remains flexible from -62 to +232°C (-80 to +450 °F).
- Flanged lid allows for easy mounting to walls or shelves & provides high security (as lid screws are hidden against wall or shelf). If you require easy access to enclosure see our [watertight flanged foot version](#).
- These enclosures share the same body and features as our regular type 1590 enclosure except the lid is extended and four countersunk holes are cast into the flanges.
- Unpainted version is vibra finished for a smooth surface with no sharp edges.
- Painted version is painted with tough polyester powder paint for a lasting finish, even after machining. Paint is only applied to the exterior surface. Black screws are included to enhance appearance.
- Four (or 6 in 1590D, 1590DD & 1590E, 8 in 1590F) 6-32 x 1/2" stainless steel machine screws secure lid - into factory tapped holes.
- Screws use neoprene "O" rings (included).
- Designed to meet IP65.
- Low side wall draft angle (2 degrees or less) for easy P.C. board mounting.
-  Link here to [photo tables](#) of each part number - **note:** regular (non-watertight) version shown for sizing.

Part Number	Color	Reader File	 Drawing File Size	AutoCAD .dwg Files (zipped)	.zip File Size	Units	Length	Width	Enclosure Depth (Less Lid)
<a href="#">1590WLBFL</a> <a href="#">1590WLBFLBK</a>	Unpainted Black		142K		167K	Inches	1.99	1.99	1.06

						mm	51	51	27
<b>1590WAFL</b> <b>1590WAFLBK</b>	Unpainted Black		137K		144K	Inches	3.64	1.52	1.06
						mm	93	39	27
<b>1590WGFL</b> <b>1590WGFLBK</b>	Unpainted Black		139K		254K	Inches	3.94	1.97	0.83
						mm	100	50	21
<b>1590WSFL</b> <b>1590WSFLBK</b>	Unpainted Black		130K		226K	Inches	4.35	3.21	1.57
						mm	111	82	40
<b>1590WBFL</b> <b>1590WBFLBK</b>	Unpainted Black		137K		207K	Inches	4.39	2.34	1.06
						mm	112	60	27
<b>1590WBBFL</b> <b>1590WBBFLBK</b>	Unpainted Black		118K		161K	Inches	4.67	3.68	1.18
						mm	119	94	30
<b>1590WQFL</b> <b>1590WQFLBK</b>	Unpainted Black		136K		413K	Inches	4.70	4.70	1.1
						mm	120	120	28
<b>1590WUFL</b> <b>1590WUFLBK</b>	Unpainted Black		128K		263K	Inches	4.70	4.70	2.17
						mm	120	120	55
<b>1590WVFL</b> <b>1590WVFLBK</b>	Unpainted Black		115K		226K	Inches	4.70	4.70	3.54
						mm	120	120	90
<b>1590WCFL</b> <b>1590WCFLBK</b>	Unpainted Black		124K		341K	Inches	4.72	3.70	2.07
						mm	120	94	53
<b>1590WTFL</b> <b>1590WTFLBK</b>	Unpainted Black		127K		197K	Inches	4.74	3.13	2.17
						mm	121	80	55
<b>1590WN1FL</b> <b>1590WN1FLBK</b>	Unpainted Black		85K		189K	Inches	4.77	2.6	1.39
						mm	121.1	66	35.3
<b>1590WP1FL</b> <b>1590WP1FLBK</b>	Unpainted Black		125K		214K	Inches	6.01	3.24	1.81
						mm	153	82	46
<b>1590WDDFL</b> <b>1590WDDFLBK</b>	Unpainted Black		138K		307K	Inches	7.40	4.70	1.30
						mm	188	119.5	33
<b>1590WDFL</b> <b>1590WDFLBK</b>	Unpainted Black		128K		338K	Inches	7.38	4.70	2.05
						mm	188	120	52
<b>1590WEFL</b> <b>1590WEFLBK</b>	Unpainted Black		123K		218K	Inches	7.38	4.70	3.07
						mm	188	120	78
<b>1590WFFL</b> <b>1590WFFLBK</b>	Unpainted Black		129K		368K	Inches	7.38	7.38	2.48
						mm	188	188	63

1590WR1FL 1590WR1FLBK	Unpainted Black		127K		220K	Inches	7.55	4.38	2.24
						mm	192	111	57

 Link here to [photo tables](#) of each part number - **note:** regular (non-watertight) version shown for sizing

**NOTES:**

- For more detailed drawing of the enclosure refer back to our 1590 series (without flanges) listed above. This allowed more room on the drawings for other details.
- Dimensions are for enclosure (length does not include flanges)
- Add 0.16" (4 mm) to enclosure depth for lid
- For other drawing information or if you prefer .dwg versions of these drawings e-mail [drawings@hammondmfg.com](mailto:drawings@hammondmfg.com)
- Available in natural vibra finish OR in light textured, powder paint in Black.
- This series is the same as our 1590 diecast aluminum except with a bead of rubberlike silicone around the perimeter of the lid.

[DOWNLOAD](#)

catalog pages on this series (124K) [9C-1590WFL.pdf](#)

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