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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 provides protection against access of dust and splashing water.
- 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 [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.
- The flanged lid allows for added security as the lid screws are hidden against the wall or shelf.
- Unpainted version is vibra finished for a smooth surface with no sharp edges.
- Painted version is painted with tough - satin black polyester powder paint for a lasting finish, even after machining. Black screws are included to enhance assembled appearance.
- Quantity four (4) 6-32 x 1/2" machine screws secure lid (or six (6) in 1590BXFL, 1590BX2FL, 1590DFL, 1590DDFL, 1590EFL & 1590R1FL or eight (8) in the 1590FFL) - into factory tapped holes. See drawings and/or photos for details.
- Designed to meet IP54 (see gasket kit accessory below to meet IP66).
- Low side wall draft angle (2 degrees or less) for easy P.C. board mounting.
- Replacement screws for natural finish series, machine type, nickel plated, 6-32 x 1/2" - **1590MS100** - Package of 100
- Replacement screws for black painted series, 6-32 x 1/2" - **1590MS50BK** - Package of 50
-  Link here to [photo tables](#) of each part number

Part Number	Color	 AutoCAD .dwg Files (zipped)	 Solid Model .igs & .stp files (zipped)	Units	Length	Width	Enclosure Depth (Less Lid)	
1590LLBFL 1590LLBFLBK	Unpainted Black	 246K	 192K	 315K	Inches mm	1.97 50	1.97 50	0.83 21
1590LBFL 1590LBFLBK	Unpainted Black	 239K	 164K	 335K	Inches mm	1.99 51	1.99 51	1.06 27
1590YFL 1590YFLBK	Unpainted Black	 229K	 171K	 309K	Inches mm	3.62 92	3.62 92	1.50 38
1590AFL 1590AFLBK	Unpainted Black	 232K	 157K	 280K	Inches mm	3.64 93	1.52 39	1.06 27
1590GFL 1590GFLBK	Unpainted Black	 241K	 242K	 307K	Inches mm	3.94 100	1.97 50	0.83 21
1590SFL 1590SFLBK	Unpainted Black	 237K	 244K	 299K	Inches mm	4.35 111	3.21 82	1.57 40
1590BFL 1590BFLBK	Unpainted Black	 230K	 207K	 294K	Inches mm	4.39 112	2.34 60	1.06 27
1590BSFL 1590BSFLBK	Unpainted Black	 240K	 164K	 324K	Inches mm	4.39 112	2.37 60	1.50 38
1590BBFL 1590BBFLBK	Unpainted Black	 235K	 165K	 326K	Inches mm	4.67 119	3.68 94	1.18 30
1590BSFL 1590BSFLBK	Unpainted Black	 235K	 199K	 324K	Inches mm	4.70 120	3.70 94	1.50 38
1590QFL 1590QFLBK	Unpainted Black	 210K	 181K	 275K	Inches mm	4.70 120	4.70 120	1.1 28
1590UFL 1590UFLBK	Unpainted Black	 218K	 164K	 280K	Inches mm	4.70 120	4.70 120	2.17 55
1590VFL 1590VFLBK	Unpainted Black	 214K	 159K	 288K	Inches mm	4.70 120	4.70 120	3.54 90
1590CFL 1590CFLBK	Unpainted Black	 234K	 165K	 283K	Inches mm	4.72 120	3.70 94	2.07 53
1590TFL 1590TFLBK	Unpainted Black	 221K	 161K	 290K	Inches mm	4.74 121	3.13 80	2.17 55
1590N1FL 1590N1FLBK	Unpainted Black	 205K	 132K	 207K	Inches mm	4.77 121.1	2.6 66	1.39 35.3
1590KKFL 1590KKFLBK	Unpainted Black	 220K	 176K	 319K	Inches mm	4.92 125	4.92 125	2.10 53
1590XXFL 1590XXFLBK	Unpainted Black	 353K	 419K	 1.5M	Inches mm	5.72 145	4.77 121	1.39 35
1590XFL 1590XFLBK	Unpainted Black	 349K	 454K	 1.5M	Inches mm	5.72 145	4.77 121	2.06 52
1590P1FL 1590P1FLBK	Unpainted Black	 203K	 151K	 273K	Inches mm	6.01 153	3.24 82	1.81 46
1590DDFL 1590DDFLBK	Unpainted Black	 227K	 321K	 649K	Inches mm	7.40 188	4.70 119.5	1.30 33
1590DFL 1590DFLBK	Unpainted Black	 252K	 258K	 581K	Inches mm	7.38 188	4.70 120	2.05 52
1590EFL 1590EFLBK	Unpainted Black	 251K	 219K	 661K	Inches mm	7.38 188	4.70 120	3.07 78
1590FFL 1590FFLBK	Unpainted Black	 270K	 276K	 585K	Inches mm	7.38 188	7.38 188	2.48 63
1590R1FL 1590R1FLBK	Unpainted Black	 229K	 215K	 337K	Inches mm	7.55 192	4.38 111	2.24 57
1590BX2FL 1590BX2FLBK	Unpainted Black	 244K	 221K	 384K	Inches mm	10 254	2.8 70	1.4 35
1590BXFL 1590BXFLBK	Unpainted Black	 241K	 195K	 373K	Inches mm	10 254	2.8 70	2.0 51

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

NOTES:

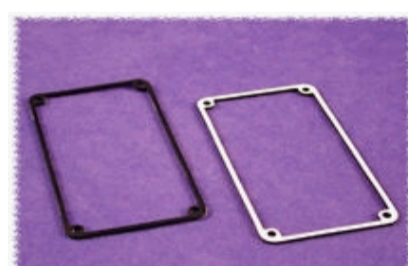
- Dimensions are for enclosure (length does not include flanges)
- Add 0.16" (4 mm) to enclosure depth for lid
- Available in natural vibra finish OR in light textured, black powder paint.

Color Options & Views:

NATURAL FINISH	BLACK SATIN TEXTURE FINISH
Assembled	Assembled
	
click to enlarge	click to enlarge
Interior	Interior
	
click to enlarge	click to enlarge

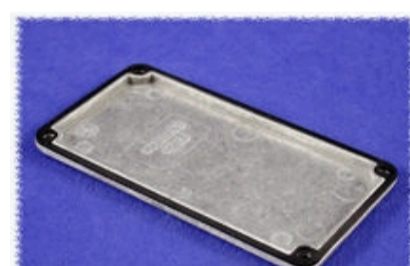
Accessories

Gasket Kits:



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- Each kit includes two pre-formed silicone gaskets.
- Gaskets include adhesive backing for easy installation.
- Allows enclosure to be machined and/or painted first and gasketed later (or use our [1590 FL watertight version](#))
- Gasket is applied to the lid (see photo example).
- Designed to meet IP65 (with properly installed gasket and lid screws torqued at 55 cN.m).



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Enclosure Part Number Starts With:	Use Gasket Kit Part Number (Includes two gaskets)
1590A	1590AGASKET
1590B	1590BGASKET
1590BB	1590BBGASKET
1590BX	1590BXGASKET
1590C	1590CGASKET
1590D	1590DGASKET
1590DD	1590DDGASKET
1590E	1590EGASKET
1590F	1590FGASKET
1590G	1590GGASKET
1590H	1590HGASKET
1590J	1590JGASKET
1590K	1590KGASKET
1590KK	1590KGGASKET
1590LB	1590LBGASKET
1590LLB	1590LLBGASKET
1590N	1590NGASKET
1590P	1590PGASKET
1590Q	1590QGASKET
1590R1	1590RGASKET
1590S	1590SGASKET
1590T	1590TGASKET
1590U	1590UGASKET
1590V	1590VGASKET
1590X	1590XGASKET
1590XX	1590XXGASKET
1590Y	1590YGASKET

Note: for quantities contact us for a quotation on bulk packed versions



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

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