

Watertight w/ Flange (1590W Series)

Countersunk lid with stainless steel machine screws into drilled and tapped holes with individual neoprene "O" rings...

Lid screws are exposed for easy enclosure access...

Factory installed flanges into reverse side of lid holes (no internal interference)...



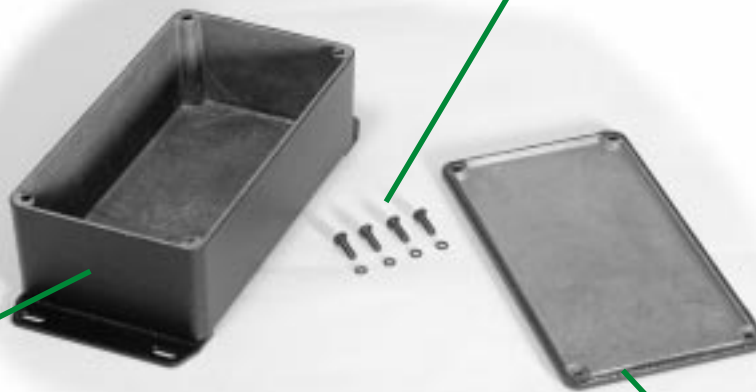
Lap joint construction with a bead of silicon rubber around the lid perimeter...

Vibra finished for a smooth surface with no sharp edges...

OTHER KEY FEATURES

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.
- Two piece lap joint construction with a bead of silicon rubber around the perimeter provides protection against access of dust and water.
- Silicon rubber remains flexible from -62 to +232°C (-80 to +450 °F)
- Painted version is painted with tough polyester powder paint for a lasting finish, even after machining.
- Four (or 6 in 1590D, 1590DD & 1590E, 8 in 1590F) 6-32 x 1/2" stainless steel machine screws secure lid - into tapped holes.
- Designed to meet IP65

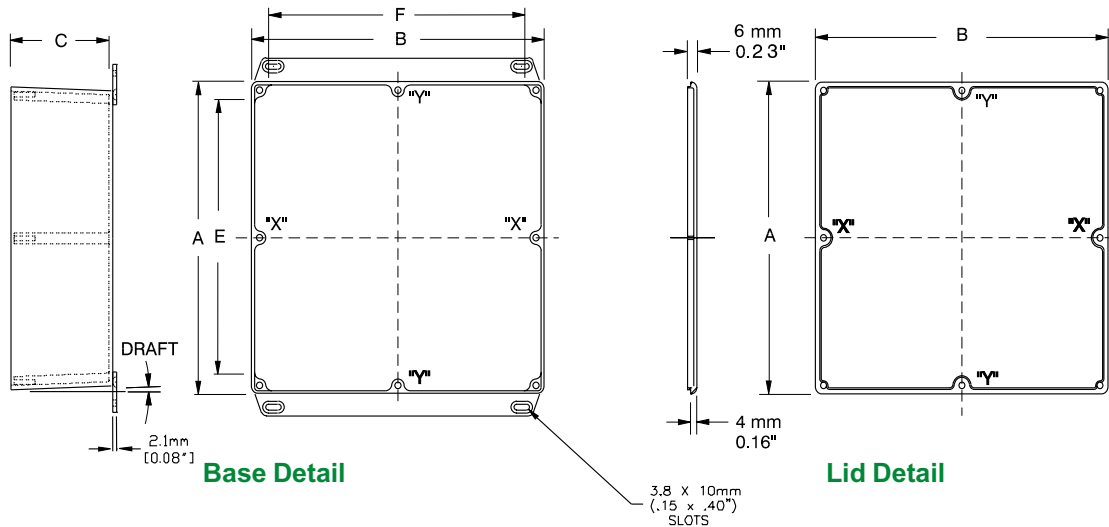
Enclosure uses black stainless steel machine screws into drilled & tapped holes with individual rubber "O" rings...



Vibra finished for a smooth surface with no sharp edges, then painted with tough polyester powder paint...

Lap joint construction with a bead of silicon rubber around the lid perimeter...

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Part Number		Units	Dimensions					Apx. Draft
Unpainted	Black		A	B	C (No Lid)	E	F	
1590WLBF	1590WLBBKF	inch mm	1.99 50.5	1.99 50.5	1.06 27	1.36 34.5	1.36 34.5	1°15'
1590WHF	1590WHBKF	inch mm	2.07 52.5	1.50 38	1.06 27	1.41 35.9	.86 21.8	1°15'
1590WAF	1590WABKF	inch mm	3.64 92.5	1.52 38.5	1.06 27	3.01 76.5	.89 22.5	1°15'
1590WGF	1590WGBKF	inch mm	3.94 100	1.97 50	0.83 21	3.31 84	1.34 34	1°15'
1590WSF	1590WSBKF	inch mm	4.35 110.5	3.21 81.5	1.57 40	3.72 94.5	2.58 65.5	1°15'
1590WBF	1590WBBKF	inch mm	4.39 111.5	2.34 59.5	1.06 27	3.76 95.5	1.71 43.5	1°15'
1590WBBF	1590WBBBKF	inch mm	4.67 118.5	3.68 93.5	1.18 30	4.04 102.5	3.05 77.5	1°15'
1590WUF	1590WUBKF	inch mm	4.70 119.5	4.70 119.5	2.17 55	4.07 103.5	4.07 103.5	1°15'
1590WVF	1590WVBKF	inch mm	4.70 119.5	4.70 119.5	3.54 90	4.07 103.5	4.07 103.5	1°15'
1590WCF	1590WCBKF	inch mm	4.72 120	3.70 94	2.07 52.5	4.09 104	3.07 78	2°
1590WTF	1590WTBKF	inch mm	4.74 120.5	3.13 79.5	2.17 55	4.11 104.5	2.50 63.5	1°15'
1590WN1F	1590WN1BKF	inch mm	4.77 121.1	2.60 66	1.39 35.3	4.09 103.8	1.92 48.7	1°15'
1590WKF	1590WKBKF	inch mm	4.92 125	4.92 125	2.95 75	4.27 108.5	4.27 108.5	1°15'
1590WJF	1590WJBKF	inch mm	5.71 145	3.74 95	1.77 45	5.06 128.5	3.09 78.5	2°
1590WP1F	1590WP1BKF	inch mm	6.01 153	3.24 82	1.81 46	5.38 137	2.48 63	2°
1590WDF	1590WDBKF	inch mm	7.38 187.5	4.70 119.5	2.05 52	6.75 171.5	4.07 103.5	2°
1590WEF	1590WEBKF	inch mm	7.38 187.5	4.70 119.5	3.07 78	6.75 171.5	4.07 103.5	2°
1590WFF	1590WFBKF	inch mm	7.38 187.5	7.38 187.5	2.48 63	6.75 171.5	6.75 171.5	2°
1590WDDF	1590WDDBKF	inch mm	7.40 188	4.70 119.5	1.30 33	6.77 172	4.07 103.5	1°15'
1590WR1F	1590WR1BKF	inch mm	7.55 192	4.38 111	2.24 57	6.92 176	3.76 95.4	2°

Notes: Assembled height = dimension "C" + .16" (4.0 mm). Wall & lid thickness is roughly .08" (2 mm) and varies with draft due to part being cast. Posts "X" exist on parts 1590D, 1590DD & 1590E. Posts "X" & "Y" exist on part 1590F. For detailed drawings, CAD files or color photos visit our website at: www.hammondmfg.com

Sealed Diecast