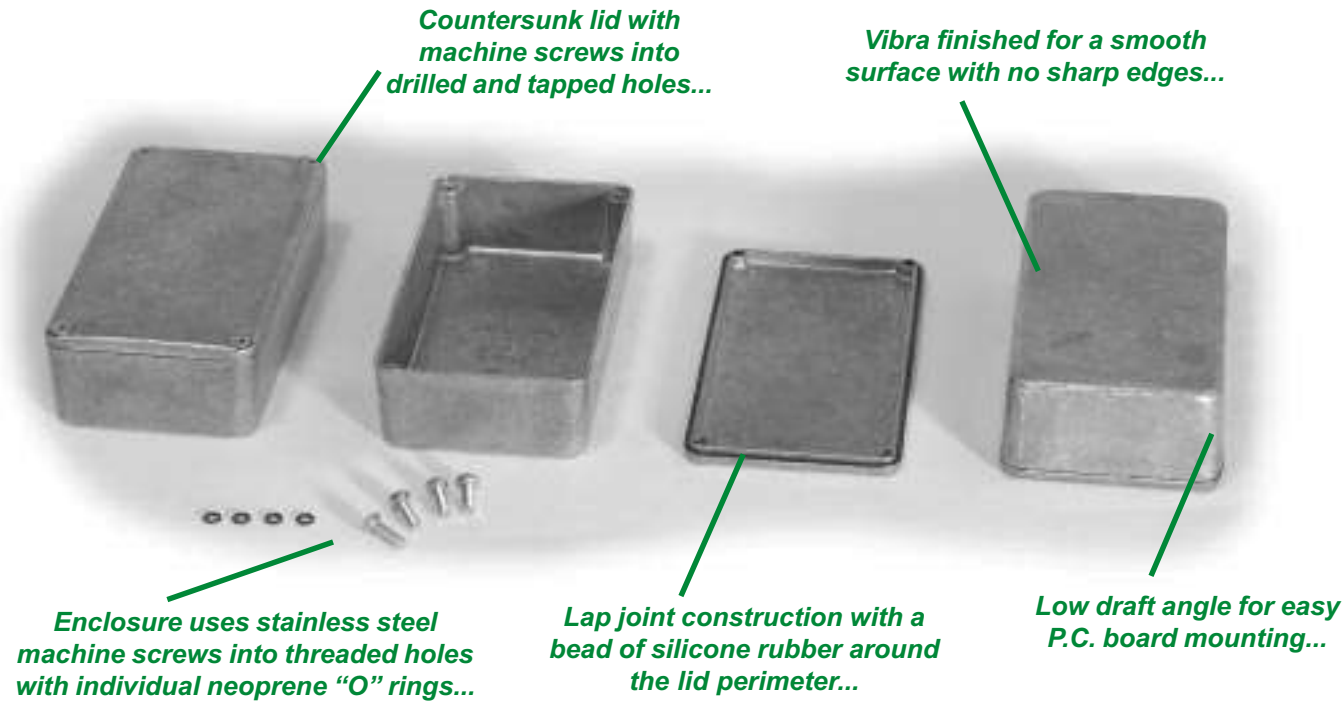
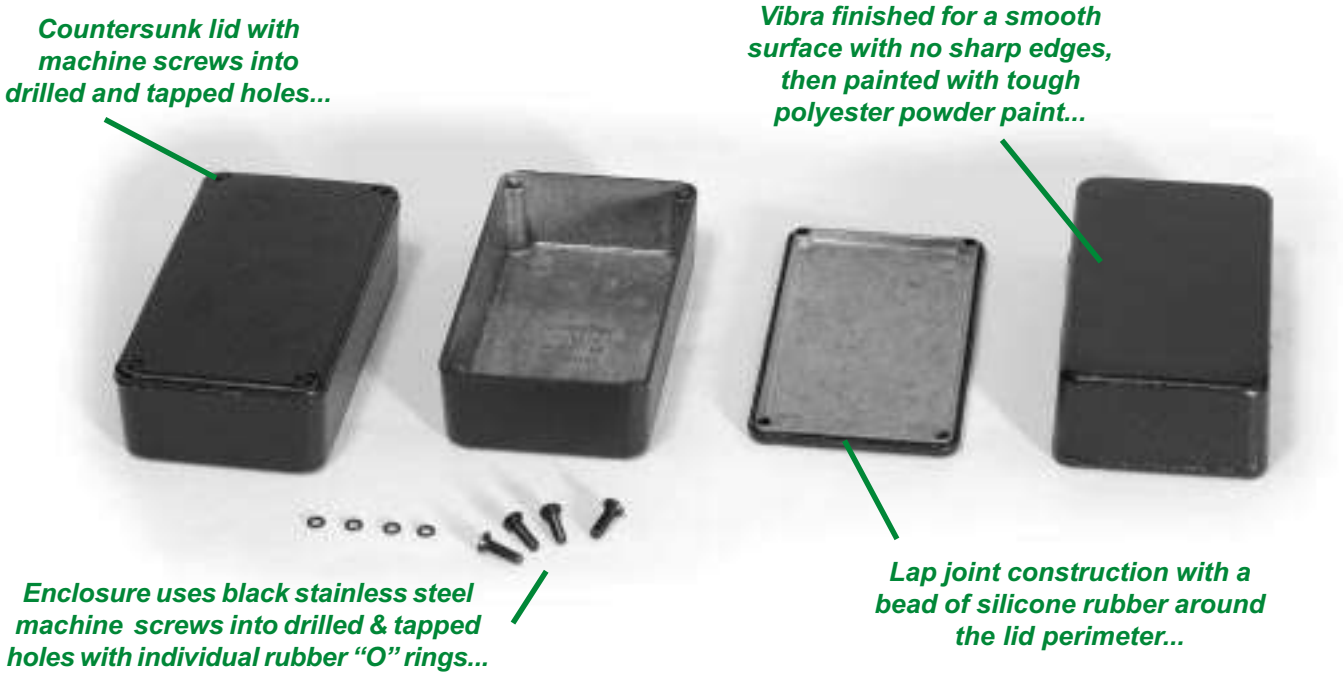
Natural & Painted Watertight (1590W Series)



Sealed Diecast

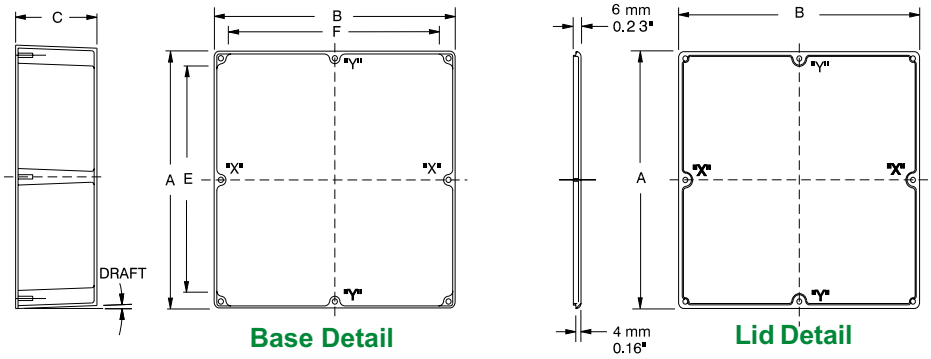
OTHER KEY FEATURES

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.
- Two piece lap joint construction with a bead of silicone rubber around the perimeter provides protection against access of dust and water. Silicone rubber remains usable from -62 to +232ºC (-80 to +450 ºF)
- Painted version is painted with tough polyester powder paint for a lasting finish, even after machining.
- 4 (or 6 in 1590D, DD & E, 8 in 1590F) 6-32 x 1/2" stainless steel machine screws secure lid - into tapped holes.
- Designed to meet IP65.
- Replacement screws for natural finish series, stainless steel, 6-32 x 1/2" - **1590WMS100**
- Replacement black oxide screws for black finish, stainless steel, 6-32 x1/2" - **1590WMS100BK**



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Natural & Painted Watertight (1590W Series)



Base Detail

Lid Detail

Part Number		Units	Dimensions					Apx. Draft
Unpainted	Black		A	B	C (No Lid)	E	F	
1590WLLB	1590WLLBBK	inch	1.97	1.97	0.83	1.22	1.22	1°15'
		mm	50	50	21	31	31	
1590WLB	1590WLBBK	inch	1.99	1.99	1.06	1.36	1.36	1°15'
		mm	50.5	50.5	27	34.5	34.5	
1590WH	1590WHBK	inch	2.07	1.50	1.06	1.41	.86	1°15'
		mm	52.5	38	27	35.9	21.8	
1590WY	1590WYBK	inch	3.62	3.62	1.50	2.70	2.70	1°15'
		mm	92	92	38	69	69	
1590WA	1590WABK	inch	3.64	1.52	1.06	3.01	.89	1°15'
		mm	92.5	38.5	27	76.5	22.5	
1590WG	1590WGBK	inch	3.94	1.97	0.83	3.31	1.34	1°15'
		mm	100	50	21	84	34	
1590WS	1590WSBK	inch	4.35	3.21	1.57	3.72	2.58	1°15'
		mm	110.5	81.5	40	94.5	65.5	
1590WB	1590WBBK	inch	4.39	2.34	1.06	3.76	1.71	1°15'
		mm	111.5	59.5	27	95.5	43.5	
1590WBB	1590WBBBK	inch	4.67	3.68	1.18	4.04	3.05	1°15'
		mm	118.5	93.5	30	102.5	77.5	
1590WU	1590WUBK	inch	4.70	4.70	2.17	4.07	4.07	1°15'
		mm	119.5	119.5	55	103.5	103.5	
1590WV	1590WVBK	inch	4.70	4.70	3.54	4.07	4.07	1°15'
		mm	119.5	119.5	90	103.5	103.5	
1590WC	1590WCBK	inch	4.72	3.70	2.07	4.09	3.07	2°
		mm	120	94	52.5	104	78	
1590WQ	1590WQBK	inch	4.72	4.72	1.18	4.09	4.09	1°15'
		mm	120	120	30	104	104	
1590WT	1590WTBK	inch	4.74	3.13	2.17	4.11	2.50	1°15'
		mm	120.5	79.5	55	104.5	63.5	
1590WN1	1590WN1BK	inch	4.77	2.60	1.39	4.09	1.92	1°15'
		mm	121.1	66	35.3	103.8	48.7	
1590WKK	1590WKKBK	inch	4.92	4.92	2.10	4.13	4.13	1°15'
		mm	125	125	53	105	105	
1590WK	1590WKBK	inch	4.92	4.92	2.95	4.27	4.27	1°15'
		mm	125	125	75	108.5	108.5	
1590WJ	1590WJBK	inch	5.71	3.74	1.77	5.06	3.09	2°
		mm	145	95	45	128.5	78.5	
1590WP1	1590WP1BK	inch	6.01	3.24	1.81	5.38	2.48	2°
		mm	153	82	46	137	63	
1590WDD	1590WDDBK	inch	7.38	4.70	1.30	6.77	4.07	1°15'
		mm	187.5	119.5	33	172	103.5	
1590WD	1590WDBK	inch	7.38	4.70	2.05	6.75	4.07	2°
		mm	187.5	119.5	52	171.5	103.5	
1590WE	1590WEBK	inch	7.38	4.70	3.07	6.75	4.07	2°
		mm	187.5	119.5	78	171.5	103.5	
1590WF	1590WFBK	inch	7.38	7.38	2.48	6.75	6.75	2°
		mm	187.5	187.5	63	171.5	171.5	
1590WR1	1590WR1BK	inch	7.55	4.38	2.24	6.92	3.76	2°
		mm	192	111	57	176	95.4	

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***