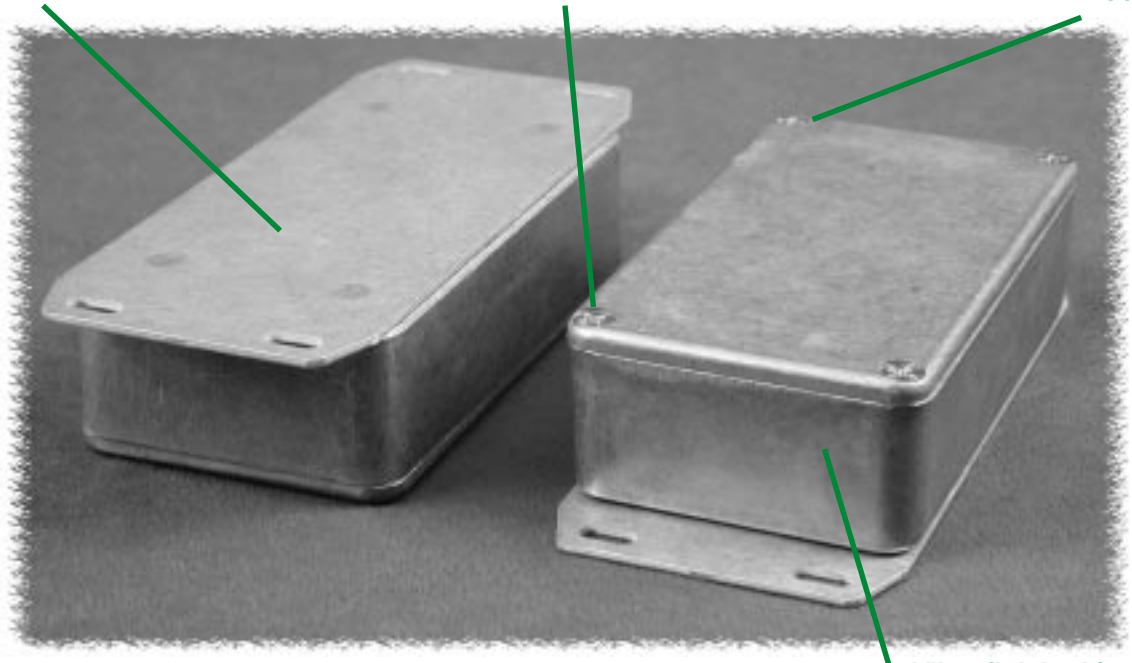
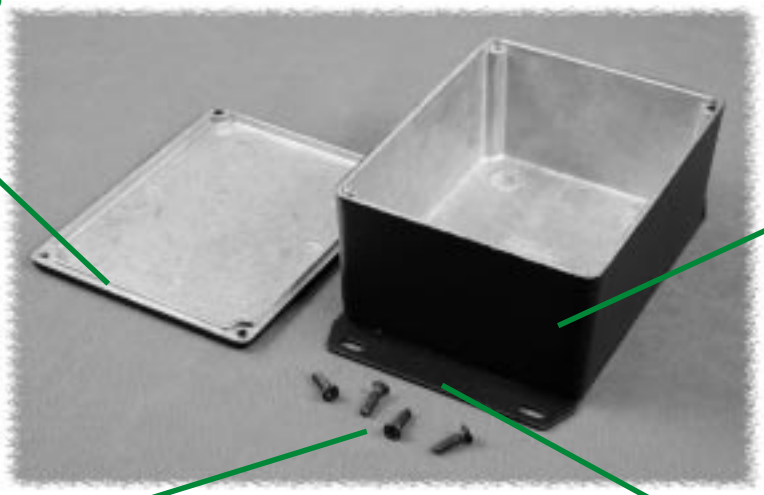
# Natural & Painted With Flange (1590 Series)






## OTHER 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. Also provides for improved EMI/RFI shielding.
- Painted version (shown below) 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" machine screws secure lid - into tapped holes.
- Designed to meet IP54
- Replacement screws for natural finish series, nickel plated, 6-32 x 1/2" - **1590MS100** - Package of 100
- Replacement black chromate screws for black series, 6-32 x 1/2" - **1590MS50BK** - Package of 50



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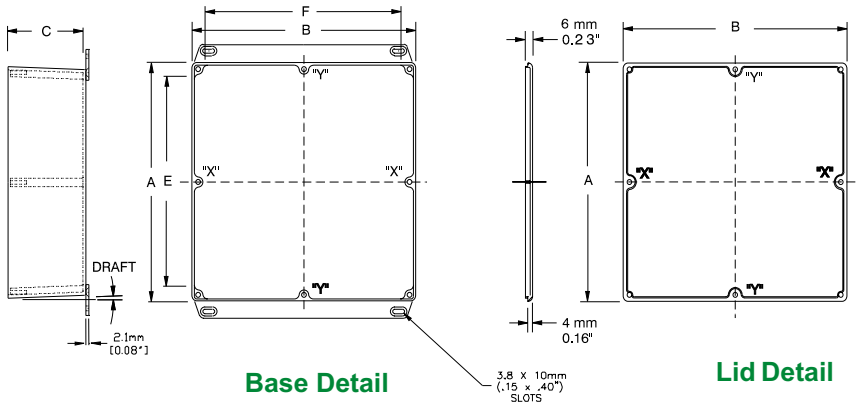
CANADA
Guelph, Ontario (519) 822-2960
St. Laurent, Quebec (514) 343-9010
USA
Cheektowaga, NY (716) 651-0086
www.hammondmfg.com
EUROPE
Basingstoke, UK +44 1256 812812
AUSTRALASIA
Queenstown, SA, Australia +61 8 8240 2244

# Natural & Painted With Flange (1590 Series)




Base Detail

Lid Detail

| Part Number | | Units | Dimensions | | | | | Apx. Draft |
|---|---|---|---|---|---|---|---|---|
| Unpainted | Black | | A | B | C (No Lid) | E | F | |
| 1590LLBF | 1590LLBFBK | inch | 1.97 | 1.97 | 0.83 | 1.22 | 1.22 | 1°15' |
| | | mm | 50 | 50 | 21 | 31 | 31 | |
| 1590LBF | 1590LBFBK | inch | 1.99 | 1.99 | 1.06 | 1.36 | 1.36 | 1°15' |
| | | mm | 50.5 | 50.5 | 27 | 34.5 | 34.5 | |
| 1590HF | 1590HFBK | inch | 2.07 | 1.50 | 1.06 | 1.41 | .86 | 1°15' |
| | | mm | 52.5 | 38 | 27 | 35.9 | 21.8 | |
| 1590YF | 1590YFBK | inch | 3.62 | 3.62 | 1.50 | 2.70 | 2.70 | 1°15' |
| | | mm | 92 | 92 | 38 | 69 | 69 | |
| 1590AF | 1590AFBK | inch | 3.64 | 1.52 | 1.06 | 3.01 | .89 | 1°15' |
| | | mm | 92.5 | 38.5 | 27 | 76.5 | 22.5 | |
| 1590GF | 1590GFBK | inch | 3.94 | 1.97 | 0.83 | 3.31 | 1.34 | 1°15' |
| | | mm | 100 | 50 | 21 | 84 | 34 | |
| 1590SF | 1590SFBK | inch | 4.35 | 3.21 | 1.57 | 3.72 | 2.58 | 1°15' |
| | | mm | 110.5 | 81.5 | 40 | 94.5 | 65.5 | |
| 1590BF | 1590BFBK | inch | 4.39 | 2.34 | 1.06 | 3.76 | 1.71 | 1°15' |
| | | mm | 111.5 | 59.5 | 27 | 95.5 | 43.5 | |
| 1590BBF | 1590BBFBK | inch | 4.67 | 3.68 | 1.18 | 4.04 | 3.05 | 1°15' |
| | | mm | 118.5 | 93.5 | 30 | 102.5 | 77.5 | |
| 1590UF | 1590UFBK | inch | 4.70 | 4.70 | 2.17 | 4.07 | 4.07 | 1°15' |
| | | mm | 119.5 | 119.5 | 55 | 103.5 | 103.5 | |
| 1590VF | 1590VFBK | inch | 4.70 | 4.70 | 3.54 | 4.07 | 4.07 | 1°15' |
| | | mm | 119.5 | 119.5 | 90 | 103.5 | 103.5 | |
| 1590CF | 1590CFBK | inch | 4.72 | 3.70 | 2.07 | 4.09 | 3.07 | 2° |
| | | mm | 120 | 94 | 52.5 | 104 | 78 | |
| 1590QF | 1590QFBK | inch | 4.72 | 4.72 | 1.18 | 4.09 | 4.09 | 1°15' |
| | | mm | 120 | 120 | 30 | 104 | 104 | |
| 1590TF | 1590TFBK | inch | 4.74 | 3.13 | 2.17 | 4.11 | 2.50 | 1°15' |
| | | mm | 120.5 | 79.5 | 55 | 104.5 | 63.5 | |
| 1590N1F | 1590N1FBK | inch | 4.77 | 2.60 | 1.39 | 4.09 | 1.92 | 1°15' |
| | | mm | 121.1 | 66 | 35.3 | 103.8 | 48.7 | |
| 1590KKF | 1590KKFBK | inch | 4.92 | 4.92 | 2.10 | 4.13 | 4.13 | 1°15' |
| | | mm | 125 | 125 | 53 | 105 | 105 | |
| 1590KF | 1590KFBK | inch | 4.92 | 4.92 | 2.95 | 4.27 | 4.27 | 1°15' |
| | | mm | 125 | 125 | 75 | 108.5 | 108.5 | |
| 1590JF | 1590JFBK | inch | 5.71 | 3.74 | 1.77 | 5.06 | 3.09 | 2° |
| | | mm | 145 | 95 | 45 | 128.5 | 78.5 | |
| 1590P1F | 1590P1FBK | inch | 6.01 | 3.24 | 1.81 | 5.38 | 2.48 | 2° |
| | | mm | 153 | 82 | 46 | 137 | 63 | |
| 1590DDF | 1590DDFBK | inch | 7.38 | 4.70 | 1.30 | 6.77 | 4.07 | 1°15' |
| | | mm | 187.5 | 119.5 | 33 | 172 | 103.5 | |
| 1590DF | 1590DFBK | inch | 7.38 | 4.70 | 2.05 | 6.75 | 4.07 | 2° |
| | | mm | 187.5 | 119.5 | 52 | 171.5 | 103.5 | |
| 1590EF | 1590EFBK | inch | 7.38 | 4.70 | 3.07 | 6.75 | 4.07 | 2° |
| | | mm | 187.5 | 119.5 | 78 | 171.5 | 103.5 | |
| 1590FF | 1590FFBK | inch | 7.38 | 7.38 | 2.48 | 6.75 | 6.75 | 2° |
| | | mm | 187.5 | 187.5 | 63 | 171.5 | 171.5 | |
| 1590R1F | 1590R1FBK | 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***