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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) |
|--|--------------------|---|---|---|----------------|--------|--------|-------|----------------------------|
| <b>1590WLBFL</b><br><b>1590WLBFLBK</b> | Unpainted<br>Black |  | 142K  |  | 167K           | Inches | 1.99   | 1.99  | 1.06                       |

|  |                    |   |      |   |      |        |       |       |      |
|--|--------------------|---|------|---|------|--------|-------|-------|------|
|  |                    |   |      |   |      | mm     | 51    | 51    | 27   |
| <b>1590WAFL</b><br><b>1590WAFLBK</b>   | Unpainted<br>Black |    | 137K |    | 144K | Inches | 3.64  | 1.52  | 1.06 |
|  |                    |   |      |   |      | mm     | 93    | 39    | 27   |
| <b>1590WGFL</b><br><b>1590WGFLBK</b>   | Unpainted<br>Black |    | 139K |    | 254K | Inches | 3.94  | 1.97  | 0.83 |
|  |                    |   |      |   |      | mm     | 100   | 50    | 21   |
| <b>1590WSFL</b><br><b>1590WSFLBK</b>   | Unpainted<br>Black |    | 130K |    | 226K | Inches | 4.35  | 3.21  | 1.57 |
|  |                    |   |      |   |      | mm     | 111   | 82    | 40   |
| <b>1590WBFL</b><br><b>1590WBFLBK</b>   | Unpainted<br>Black |    | 137K |    | 207K | Inches | 4.39  | 2.34  | 1.06 |
|  |                    |   |      |   |      | mm     | 112   | 60    | 27   |
| <b>1590WBBFL</b><br><b>1590WBBFLBK</b> | Unpainted<br>Black |    | 118K |    | 161K | Inches | 4.67  | 3.68  | 1.18 |
|  |                    |   |      |   |      | mm     | 119   | 94    | 30   |
| <b>1590WQFL</b><br><b>1590WQFLBK</b>   | Unpainted<br>Black |    | 136K |    | 413K | Inches | 4.70  | 4.70  | 1.1  |
|  |                    |   |      |   |      | mm     | 120   | 120   | 28   |
| <b>1590WUFL</b><br><b>1590WUFLBK</b>   | Unpainted<br>Black |    | 128K |    | 263K | Inches | 4.70  | 4.70  | 2.17 |
|  |                    |   |      |   |      | mm     | 120   | 120   | 55   |
| <b>1590WVFL</b><br><b>1590WVFLBK</b>   | Unpainted<br>Black |   | 115K |   | 226K | Inches | 4.70  | 4.70  | 3.54 |
|  |                    |   |      |   |      | mm     | 120   | 120   | 90   |
| <b>1590WCFL</b><br><b>1590WCFLBK</b>   | Unpainted<br>Black |  | 124K |  | 341K | Inches | 4.72  | 3.70  | 2.07 |
|  |                    |   |      |   |      | mm     | 120   | 94    | 53   |
| <b>1590WTFL</b><br><b>1590WTFLBK</b>   | Unpainted<br>Black |  | 127K |  | 197K | Inches | 4.74  | 3.13  | 2.17 |
|  |                    |   |      |   |      | mm     | 121   | 80    | 55   |
| <b>1590WN1FL</b><br><b>1590WN1FLBK</b> | Unpainted<br>Black |  | 127K |  | 233K | Inches | 4.77  | 2.6   | 1.39 |
|  |                    |   |      |   |      | mm     | 121.1 | 66    | 35.3 |
| <b>1590WP1FL</b><br><b>1590WP1FLBK</b> | Unpainted<br>Black |  | 125K |  | 214K | Inches | 6.01  | 3.24  | 1.81 |
|  |                    |   |      |   |      | mm     | 153   | 82    | 46   |
| <b>1590WDDFL</b><br><b>1590WDDFLBK</b> | Unpainted<br>Black |  | 138K |  | 307K | Inches | 7.40  | 4.70  | 1.30 |
|  |                    |   |      |   |      | mm     | 188   | 119.5 | 33   |
| <b>1590WDFL</b><br><b>1590WDFLBK</b>   | Unpainted<br>Black |  | 128K |  | 338K | Inches | 7.38  | 4.70  | 2.05 |
|  |                    |   |      |   |      | mm     | 188   | 120   | 52   |
| <b>1590WEFL</b><br><b>1590WEFLBK</b>   | Unpainted<br>Black |  | 123K |  | 218K | Inches | 7.38  | 4.70  | 3.07 |
|  |                    |   |      |   |      | mm     | 188   | 120   | 78   |
| <b>1590WFFL</b><br><b>1590WFFLBK</b>   | Unpainted<br>Black |  | 129K |  | 368K | Inches | 7.38  | 7.38  | 2.48 |
|  |                    |   |      |   |      | mm     | 188   | 188   | 63   |

|                          |                    |  |      |  |      |        |      |      |      |
|--------------------------|--------------------|--|------|--|------|--------|------|------|------|
| 1590WR1FL<br>1590WR1FLBK | Unpainted<br>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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