Model C-600A-01 Duratemp® Thermometer

FEATURES
- Exclusive movementless design resists shock and vibration – no gears to wear or misalign resulting in increased instrument life
- Gas-operated molecular sieve
- No elevation error
- Mercury free
- One bulb size for all ranges
- ±1% full-span accuracy
- Maxivision® dial
- Limited five-year warranty

A high impact-resistant polished stainless steel case. Bayonet ring facilitates easy removal for glass replacement and pointer adjustment. A versatile case that enables surface or flush mounting. Available in 4½” dial size.

PRODUCT SPECIFICATIONS
Model: C-600A-01
Accuracy: ±1% of span.
Case Style: Stainless steel, bayonet ring
Dial Size: 4½” Maxivision linear anti-parallax dial black markings on a white dial
Window: Glass, shatterproof glass and plastic are optional.
Mounting and connection: Surface/Lower (C01) or Flush/Rear (C11)
Ambient Temperature: 160°F/71°C
Bulb size: 3” long by 3/8” O.D.
Bulb Material: 316 Stainless steel

HOW TO ORDER

<table>
<thead>
<tr>
<th>C-600A</th>
<th>01</th>
<th>Table 1</th>
<th>C01</th>
<th>Table 2</th>
<th>B01</th>
<th>Table 3</th>
<th>A1</th>
<th>Table 4</th>
<th>L07</th>
<th>Table 5</th>
<th>AK</th>
<th>Table 6</th>
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<tbody>
<tr>
<td>Code</td>
<td>Description</td>
<td>Code</td>
<td>Size</td>
<td>Surface</td>
<td>Flush</td>
<td>Lower</td>
<td>Rear</td>
<td>Code</td>
<td>Description</td>
<td>Code</td>
<td>Description</td>
<td>Code</td>
</tr>
<tr>
<td>01</td>
<td>SS Bayonet Ring</td>
<td>C01</td>
<td>4½</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>B01</td>
<td>12” Bendable extension with ½ NPT union connection</td>
<td>L01</td>
<td>5</td>
<td>AB</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C11</td>
<td>4½</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>Plain bulb with rigid extension, no union</td>
<td>L03</td>
<td>10</td>
<td>AE</td>
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<td></td>
<td></td>
<td>Plain bulb with rigid extension, ½ NPT union on armor</td>
<td>L07</td>
<td>20</td>
<td>AG</td>
</tr>
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<td></td>
<td></td>
<td>18” Bendable extension with ½ NPT union connection</td>
<td>L09</td>
<td>30</td>
<td>AK</td>
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<td></td>
<td></td>
<td></td>
<td>24” Bendable extension with ½ NPT union connection</td>
<td>L13</td>
<td>50</td>
<td>AL</td>
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<td>*Minimum recommended insertion length (“l” dimension) in liquids is 4 inches and in gases is 6 inches for standard ⅜” x 3” bulb</td>
<td>L19</td>
<td>80</td>
<td>AN</td>
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Note: Thermowells must be used on any application where the bulb of the thermometer may be exposed to pressure, corrosive fluids, or velocity. Additionally, the use of a thermowell permits instrument interchangeability or recalibration without shutting down the process.

Bibliography
ISO 9001
BULLETIN DT 600A-01
Model C-600A-01 Duratemp® Thermometer

Case Dimensions

**SURFACE MOUNTING**

2-E Dia. Holes

**FLUSH PANEL MOUNTING**

M Dia. hole in panel

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<tbody>
<tr>
<td>BO1</td>
<td>B01</td>
<td>12</td>
<td>15</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>B17</td>
<td>B17</td>
<td>18</td>
<td>21</td>
<td>4</td>
<td></td>
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<tr>
<td>B18</td>
<td>B18</td>
<td>24</td>
<td>27</td>
<td>4</td>
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**Bulb Style and Armor Dimensions**

**Style B01**, **B03**

13° plain bulb for applications used in open tanks where pressures and velocities are negligible.

**Armor Style A1**

AISI 302 stainless steel spring armor is supplied as standard. Originally designed for U.S. Navy Hi Shock thermometers

**Style B08**

The compression fitting fastens anywhere along the armored line. This bulb style is well suited for insertion requirements in excess of 13½°. The B08 style is not a pressure tight connection. A thermowell is recommended for this style and for all bulb styles.

&B01, B17 & B18

Are bendable extensions with union connections. B01 (12° bendable extension) is the standard Duratemp bulb style and is suitable for a variety of insertion lengths and lagging requirements. B17 is a 18° bendable extension, B18 is a 24° bendable extension. The union connection on all three styles is pressure tight and can be freely moved the entire length of the bendable portion. After installation, the bendable extension may be formed to suit the application.