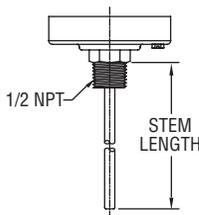


# BIMETAL THERMOMETER

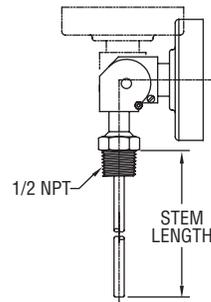
2", 3" or 5" Dial, Dual Scale,  $\pm 1\%$  FS Accuracy, External Reset



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product video



Back Connection



Adjustable Angle Connection

The **SERIES BT** Bimetal Thermometers offer accurate, reliable service even in the toughest environments. These corrosion resistant units are constructed from stainless steel and are hermetically sealed to prevent crystal fogging.

#### FEATURES/BENEFITS

- Hermetically sealed
- Adjustable dial position models

#### APPLICATIONS

- Chiller or boiler water temperature monitoring
- Treatment plant temperature monitoring

#### SPECIFICATIONS

**Wetted Materials:** 304 SS.

**Housing Material:** Series 300 SS.

**Lens:** Glass.

**Accuracy:**  $\pm 1\%$  full-scale.

**Response Time:**  $\leq 40$  seconds.

**Temperature Limits:** Head: 200°F (93°C); Stem: Not to exceed 50% over-range or 1000°F (538°C) or 800°F (427°C) continuously.

**Process Connection:** 1/4" NPT on 2" dial size; 1/2" NPT on 3" or 5" dial size.

**Stem Diameter:** 1/4" OD.

**Immersion Depth:** Minimum 2" in liquids, 4" in gas.

#### MODEL CHART

| Model     | Dial Size | Stem Length | Connection | Range °F (°C)            | Degree Div °F (°C) | Model     | Dial Size | Stem Length | Connection | Range °F (°C)         | Degree Div °F (°C) |
|-----------|-----------|-------------|------------|--------------------------|--------------------|-----------|-----------|-------------|------------|-----------------------|--------------------|
| BTB22551* | 2"        | 2-1/2"      | Back       | 0 to 250                 | 2                  | BTB3605D  | 3"        | 6"          | Back       | 0 to 250 (-20 to 120) | 2 (2)              |
| BTB2405D  | 2"        | 4"          | Back       | 0 to 250 (-20 to 120)    | 2 (2)              | BTA54010D | 5"        | 4"          | Adjustable | 0 to 200 (-20 to 100) | 2 (2)              |
| BTB2409D  | 2"        | 4"          | Back       | 200 to 1000 (100 to 550) | 10 (5)             | BTA5405D  | 5"        | 4"          | Adjustable | 0 to 250 (-20 to 120) | 2 (2)              |
| BTB32510D | 3"        | 2-1/2"      | Back       | 0 to 200 (-20 to 100)    | 2 (2)              | BTA5407D  | 5"        | 4"          | Adjustable | 50 to 550 (10 to 290) | 5 (5)              |
| BTB3255D  | 3"        | 2-1/2"      | Back       | 0 to 250 (-20 to 120)    | 2 (2)              | BTA56010D | 5"        | 6"          | Adjustable | 0 to 200 (-20 to 100) | 2 (2)              |
| BTB3257D  | 3"        | 2-1/2"      | Back       | 50 to 550 (10 to 290)    | 5 (5)              | BTA5605D  | 5"        | 6"          | Adjustable | 0 to 250 (-20 to 120) | 2 (2)              |
| BTB34010D | 3"        | 4"          | Back       | 0 to 200 (-20 to 100)    | 2 (2)              | BTA5607D  | 5"        | 6"          | Adjustable | 50 to 550 (10 to 290) | 5 (5)              |
| BTB3405D  | 3"        | 4"          | Back       | 0 to 250 (-20 to 120)    | 2 (2)              | BTC3255D  | 3"        | 2-1/2"      | Lower      | 0 to 250 (-20 to 120) | 2 (2)              |
| BTB3407D  | 3"        | 4"          | Back       | 50 to 550 (10 to 290)    | 5 (5)              |           |           |             |            |                       |                    |

\*Model offered in Fahrenheit scale only.