

# Direct Mounted Dial Thermometer

3 1/2" Stainless Steel Case & 4 1/2" Cast Aluminum Case • Adjustable Angle

DIAL THERMOMETERS



V80445 shown

- ▶ 3 1/2", 4 1/2" Dial Sizes
- ▶ ± 1 Scale Division Accuracy
- ▶ Stainless Steel or Cast Aluminum Case
- ▶ Vapor or Liquid Actuated

The Terrice **Adjustable Angle Dial Thermometer** is intended for use within the construction and HVAC industries. Once the sensing bulb has been installed, the angle of the dial-face may be adjusted forward and backward to provide maximum readability. This instrument is available in 3 1/2" and 4 1/2" dial sizes with a flangeless, stainless steel or cast aluminum case.

- Optional features available: Please consult the Optional Features Section for details.

**Thermowell**

- For applications where the process media may be corrosive or contained under pressure, the use of a thermowell is required to prevent damage to the thermometer and facilitate its removal from the process.

(Refer to page 154)

## Specifications

Models	Dial Sizes	Case Styles
80030	3 1/2"	Adjustable Angle



80445 (Vapor Only)	4 1/2"	Adjustable Angle
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**Movement** Brass

**Case Material**

- 80030: Stainless steel
- 80445: Cast aluminum, black finish

**Window**

- 80030: Acrylic, snap-in with Nitrile O-ring seal
- 80445: Clear glass

**Ring**

- 80030: None
- 80445: Friction-type, stainless steel

**Pointer**

Adjustable, black finish

**Dialface**

Aluminum, white background with black graduations and markings

**Accuracy**

±1 scale division

**Approximate Shipping Weight**

- 80030: 1.3 lbs [0.59 kg]
- 80445: 1.4 lbs [0.64 kg]

**HOW TO ORDER**

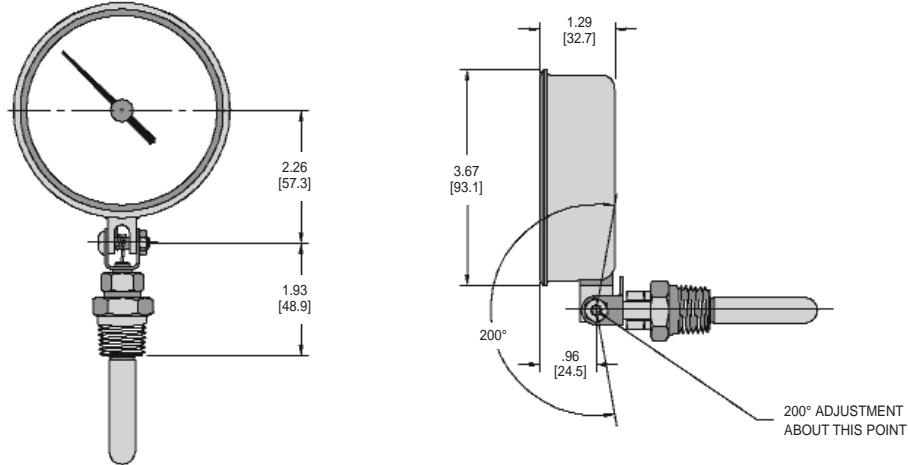
Sample Order Number: **V 80445 110 B31**

Actuation	Model	Specific Range	Thermal System
V Vapor	80030	See Standard Ranges	See Thermal System Selection (pages 112-113)
L Liquid	80445 (vapor only)		

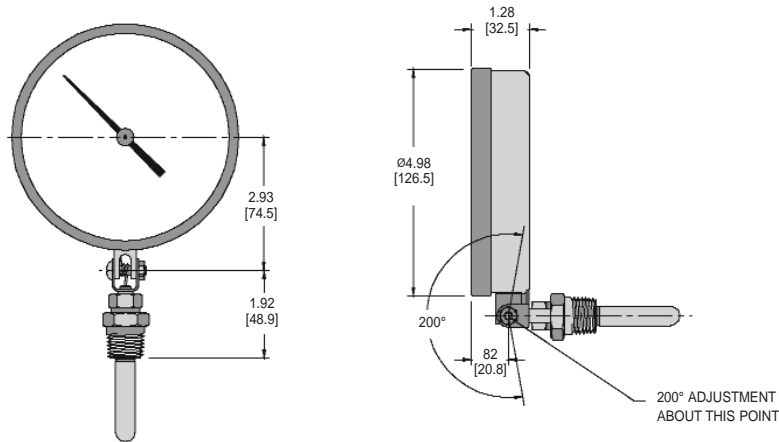


All dimensions are nominal. Dimensions in [ ] are in millimeters.

**80030**



**80445**



**Standard Ranges (Dual Scale includes both Fahrenheit & Celsius)**

Vapor Actuated				
Fahrenheit Scale Range Code	Fahrenheit Scale Range	Celsius Scale Range Code	Celsius Scale Range	Dual Scale Range Code
030	-40° to 150°F	430	-40° to 65°C	230
040	-20° to 100°F	440	-30° to 40°C	240
050	0° to 100°F	450	-20° to 40°C	250
065	0° to 160°F	465	-20° to 70°C	265
100	30° to 180°F	500	0° to 85°C	300
110	30° to 240°F	510	0° to 115°C	310
120	30° to 300°F	520	0° to 150°C	320
145	100° to 350°F	545	40° to 180°C	345
160	200° to 450°F	560	90° to 230°C	360

Liquid Actuated				
Fahrenheit Scale Range Code	Fahrenheit Scale Range	Celsius Scale Range Code	Celsius Scale Range	Dual Scale Range Code
020	-40° to 120°F	420	-40° to 50°C	220
050	0° to 100°F	450	-20° to 40°C	250
060	0° to 160°F	460	-20° to 70°C	260
100	30° to 180°F	495	0° to 80°C	300
110	30° to 240°F	510	0° to 115°C	310
130	50° to 300°F	530	10° to 150°C	330