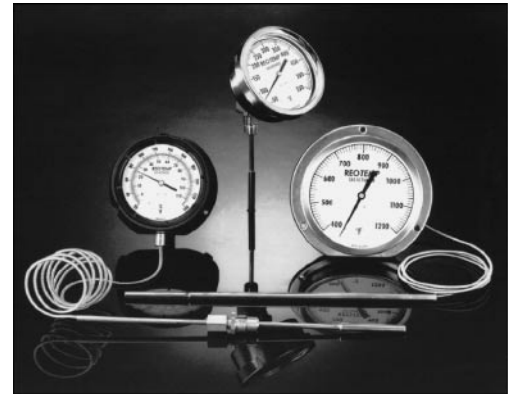


REOTEMP Gas Actuated Thermometers combine advanced gas coil technology with a state-of-the-art adsorbent (Class IV) thermal system, producing a superior temperature measurement instrument that can be fitted to a wide variety of applications.

Features include high accuracy, low ambient error, no head error, and a high degree of over-range protection. The compact (3/8" dia. x 3" active length) bulb, and a wide range of case styles and thermal systems, allow great flexibility in installation.

The linear dial on all REOTEMP gas thermometers provides a consistent 1% accuracy across the full span of each range. This, combined with over twenty Fahrenheit and dual ranges, from -320 F to +1200 F, provides complete coverage of all normal temperature requirements.



Specifications

Accuracy: +/- 1 % of full scale. Calibration to NIST traceable standards.

Ranges: Twenty °F and °F & °C ranges available from -320°F to 1200°F.

Overrange: Minimum 50% of span above top of range, or 1300°F, whichever is less.

Ambient Error: 1/4% of span per 25°F change in ambient temperature at midscale.

Dial Sizes: 4 1/2" & 6". Dials are white with black markings.

Case Materials: Stainless steel, Phenolic, or Aluminum.

Case Styles: Panel Mount, Surface Mount, or Direct (stem) Mount.

Windows: Glass is standard. Shatterproof glass and acrylic are optional.

Pointers: Slotted adjustable type to permit zero-set adjustments.

Bulbs: 316 Stainless Steel, 3/8" dia. x 3" active length. Other diameters and lengths are available.

Process Connections: Plain bulb; 1/2" NPT sliding union; 1/2" NPT fixed (on All-Angle); or thermowell. *Note: Thermowells should be used whenever the bulb would be exposed to pressure, fluid velocity, or corrosive or abrasive media.*

Thermal Systems: Stainless steel capillary with stainless steel spring armor (up to 40ft). Over 40 feet, stainless steel interlock armor is standard. Direct mount stems, 316 SS, 4" to 48".