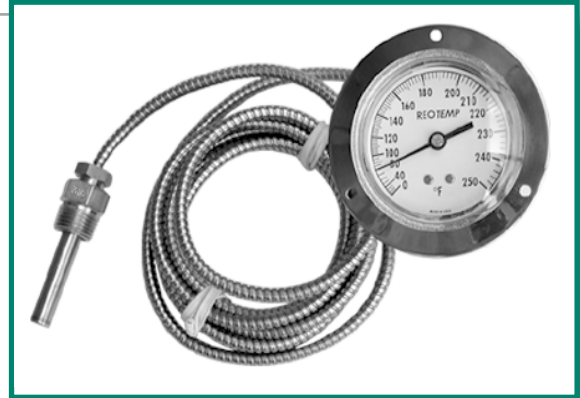


REOTEMP Remote Vapor Actuated Thermometers are manufactured to the highest standards for a wide range of uses and may be fitted into almost any temperature indicating application. These instruments are ideal for remote reading, such as panel installations, with capillary lengths of 1 to 100 feet. Being vapor actuated, they are not subject to indicator error due to ambient temperature variations along the capillary tube system, and will give excellent readings provided the temperature being measured is above or below ambient temperature.



Vapor instruments have progressive graduations, and are best read in the upper 2/3 of the dial range. Many ranges are available between  $-40^{\circ}\text{F}$  and  $+450^{\circ}\text{F}$ , and care should be exercised to select a range that will locate the operating temperatures within the upper 2/3 of the dial range (see ranges on back page.)

To order vapor-configured thermometers, with gas actuation (for higher temperature:)

1. Precede vapor P/N with "G" (e.g. GV20 UR)
2. Choose gas range code from p. 23, table 4
3. Specify SS capillary and bulb (e.g. D05-L2)

## Specifications:

**Dial Sizes:** 2", 2 1/2", 3 1/2", 4 1/2"

**Dial:** Aluminum with white finish and black markings, other colors available.

**Pointer:** Standard adjustable.

**Movement:** Brass with precision gearing.

**Bourdon Tube:** Phosphor bronze.

**Accuracy:** Plus or minus one scale division. (upper 2/3 scale)

**Case:** All stainless steel, except: VA45FL (Aluminum) VA45TB (Phenolic).

**Process Connection:** Plain Bulb, 1/2" NPT Union, 1/2" NPT sliding union on 12" bendable extension, or Thermowell. NOTE: Thermowells must be used whenever the bulb would be exposed to pressure, fluid velocity, or corrosive media

**Window:** Polycarbonate, or Glass.

**Bulb:** Stainless Steel or copper. Bulb O.D. 7/16" (threaded), 3/8" (plain). Bulb lengths vary from 2 1/2" to 9 1/4" depending on capillary length.

**Capillary:** Copper, copper with bronze braid armor, stainless steel, stainless steel with stainless steel armor. Capillary lengths 1 to 100 feet (standard length 5 feet).

**Ranges:** Over twenty  $^{\circ}\text{F}$  and  $^{\circ}\text{F}/^{\circ}\text{C}$  ranges available, from  $-40^{\circ}$  to  $+450^{\circ}\text{F}$  (see illustration, back page).

**Applications:** Control panels, chemical processing, pipelines, food processing, OEM applications, ovens, solar heating, refrigeration, etc.