

# LIQUID-IN-GLASS THERMOMETER

REOTEMP's Liquid-In-Glass Industrial Thermometers are used in pipelines of all types, commercial building application (heating & cooling), process piping, tanks, boilers, etc.



Accuracy



Made in the USA

## FEATURES / BENEFITS

- Made to ASME B40.3 Specifications
- Accuracy  $\pm 1\%$  Full Scale. (ASME B40.3)
- One Year Warranty

## SPECIFICATIONS

**Accuracy:**  $\pm 1\%$  Full Scale. (ASME B40.3)

**Case:** Modern V-shape design with parts molded of polyester, in black textured finish. Heavy glass protected front firmly secured by spring action.

**Stem:** Tapered bulb chambers are made of precision ground aluminum. The tapered chamber forms a metal contact with matching taper in the sockets assuring maximum speed of response to temperature changes. Graphite is used as a conducting media between bulb chamber and glass tube.

**Locking Device:** Adjustable case locknut and angle adjusting screw work independently to provide full 360° positioning of thermometer case and stem.

**Tube & Capillary:** Blue Spirit filled magnifying lens tube. Precision made to guarantee accuracy within 1% of scale range. Silicone shock mounting for lasting durability.

**Scale:** 9" scale with white coated aluminum and permanently baked bold black markings.

**HOW TO ORDER:** Choose options to build a part number. For example: **9VS35016SOC35B**

**9VS35**

**016**

**SOC35B**

**Note:** Thermowells should be used whenever the stem or bulb would be exposed to pressure, corrosion, velocity, abrasion or shear forces. Thermowells also make it possible to remove the thermometer without losing pressure or the contents of the process.

### STEM

### TEMPERATURE RANGE

### THERMOWELL

**9VS35** = 3 1/2"  
**9VS06** = 6"  
**9VS09** = 9"

#### Fahrenheit Ranges

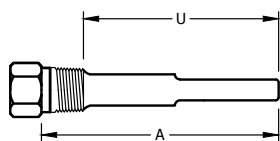
**411** = -40°F to 110°F; 2°  
**118** = -10°F to 180°F; 2°  
**212** = -20°F to 120°F; 2°  
**012** = 0°F to 120°F; 1°  
**016** = 0°F to 160°F; 2°  
**318** = 30°F to 180°F; 2°  
**324** = 30°F to 240°F; 2°  
**330** = 30°F to 300°F; 2°

#### Celsius Ranges

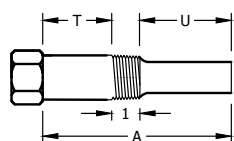
**042** = -20°C to 45°C; 1°  
**050** = 0°C to 50°C; 1°  
**100** = 0°C to 100°C; 1°  
**162** = 0°C to 160°C; 2°  
**200** = 0°C to 200°C; 2°

### STANDARD THERMOWELLS (SEPERABLE SOCKETS) WITH 3/4" NPT

Material	Socket Style	"A" Stem Length	"U" Insertion Length	"T" Extension Length	Code
Brass	Standard	3 1/2"	2 1/2"	N/A	<b>SOC35B</b>
		6"	5"	N/A	<b>SOC06B</b>
		9"	8"	N/A	<b>SOC09B</b>
	Extension Neck	6"	2 1/2"	2 1/2"	<b>SEN06B</b>
		9"	5 1/2"	2 1/2"	<b>SEN09B</b>
304SS	Standard	3 1/2"	2 1/2"	N/A	<b>SOC35S</b>
		6"	5"	N/A	<b>SOC06S</b>
		9"	8"	N/A	<b>SOC09S</b>
	Extension Neck	6"	2 1/2"	2 1/2"	<b>SEN06S</b>
		9"	5 1/2"	2 1/2"	<b>SEN09S</b>



Standard Thermowell



w/ Extension Neck (Lag)

All dimensions are in inches.