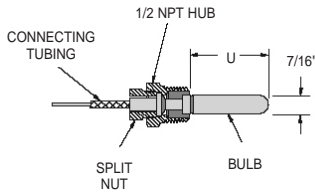
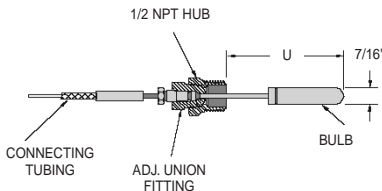
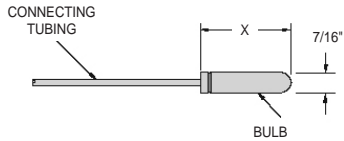
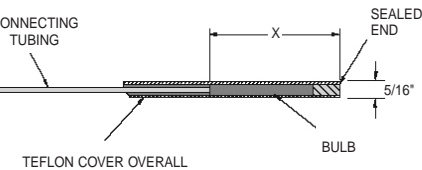
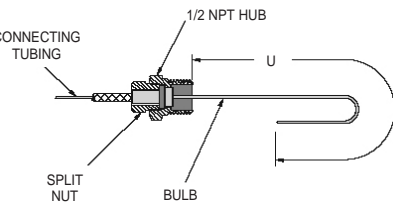


# Thermal System Selection

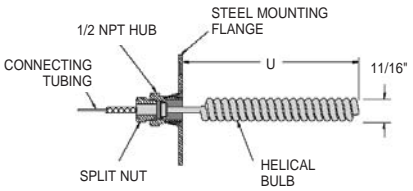
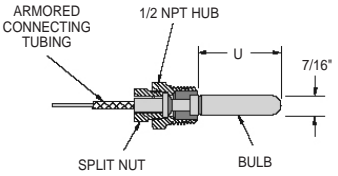
DIAL THERMOMETERS

## Remote Mounted Dial Thermometers

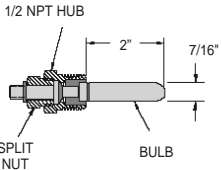
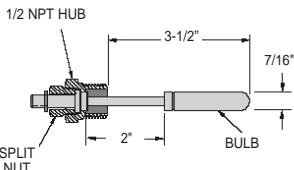
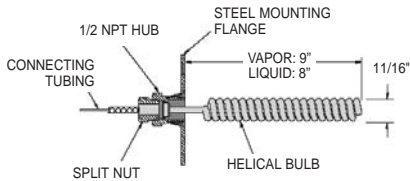
Bulb & Capillary Style	Order Code	Connection Style & Material	Bulb Material	Capillary Tubing Material	Minimum Bulb Insertion Length for Capillary Length (in feet) shown			
					Vapor Actuated			Liquid Act. All Lengths
					up to 10	15-50	over 50	
<b>Union Connection</b> 	B01	Brass, 1/2 NPT	Vapor: Copper Liquid: Brass	Copper with Bronze Braided Armour	2"	3 3/4"	5 5/8"	2"
	B10	Stainless Steel, 1/2 NPT	Stainless Steel	Stainless Steel	2"	3 3/4"	5 5/8"	2"
<b>Adjustable Union Connection</b> 	B02	Brass, 1/2 NPT	Vapor: Copper Liquid: Brass	Copper with Bronze Braided Armour	1 3/4"	3 1/2"	5 1/4"	1 3/4"
	B04	Stainless Steel, 1/2 NPT	Stainless Steel	Stainless Steel	1 3/4"	3 1/2"	5 1/4"	1 3/4"
<b>Plain Bulb</b> 	B05	None	Vapor: Copper Liquid: Brass	Copper with Bronze Braided Armour	2"	3 3/4"	5 5/8"	2"
	B06	None	Stainless Steel	Stainless Steel	2"	3 3/4"	5 5/8"	2"
<b>Teflon Covered Bulb</b> 	B08	None	Vapor: Copper Liquid: Brass with Teflon Cover	Bronze Braided Armour with Teflon Cover	15"	15"	15"	2 3/4"
	B07	None	Stainless Steel with Teflon Cover	Stainless Steel with Teflon Cover	15"	15"	15"	2 3/4"
<b>Averaging Bulb</b> 	B11*	Brass, 1/2 NPT	Copper	Copper with Bronze Braided Armour	N/A	N/A	N/A	Approx. 8 Feet
	B12*	Stainless Steel, 1/2 NPT	Stainless Steel	Stainless Steel	N/A	N/A	N/A	Approx. 8 Feet

\* B11 and B12 Averaging Bulbs are not available with vapor actuation.

## Remote Mounted Dial Thermometers (cont'd)

Bulb & Capillary Style	Order Code	Connection Style & Material	Bulb Material	Capillary Tubing Material	Minimum Bulb Insertion Length for Capillary Length (in feet) shown			
					up to 10	Vapor Actuated 15-50	over 50	Liquid Act. All Lengths
<b>Air Sensitive Bulb</b> 	B13	Steel Mounting Flange, Brass Fittings	Copper	Copper with Bronze Braided Armor	9"	9"	11"	8"
<b>Union Connection with Spiral Armour</b> 	B15	Brass, 1/2 NPT	Vapor: Copper Liquid: Brass	Copper with Bronze Braid & SS Spiral Armor	2"	3 3/4"	5 5/8"	2"
	B16	Stainless Steel, 1/2 NPT	Stainless Steel	Stainless Steel with SS Spiral Armor	2"	3 3/4"	5 5/8"	2"

## Direct Mounted Dial Thermometers

Bulb Style	Order Code	Connection Material	Bulb Material	Minimum Bulb Insertion Length	
				Vapor Actuated	Liquid Act.
<b>Union Connection</b> 	B31	Brass, 1/2 NPT	Vapor: Copper Liquid: Brass	2"	2"
	B32	Stainless Steel, 1/2 NPT	Stainless Steel	2"	2"
<b>Union Connection with Bendable Extension</b> 	B33	Brass, 1/2 NPT	Vapor: Copper Liquid: Brass	3 1/2"	3 1/2"
	B34	Stainless Steel, 1/2 NPT	Stainless Steel	3 1/2"	3 1/2"
<b>Air Sensitive Bulb</b> 	B35	Steel Mounting Flange, Brass Fittings	Copper	9"	8"