

# spirax sarco

## Pilot Operated Temperature Regulators 25 Series Thermostat Bulb Types

The Thermostat Bulb styles are for temperature pilots used on the following:  
25T & 25TE Temperature Controls  
25PT & 25 PTE Pressure Temperature Controls.

### Thermostat Bulb Types

- T1 Bulb in copper with brass capillary tubing.
- T2 Bulb in copper with union connection 3/4" NPT, with brass capillary tubing.
- T4 T1 flanged temperature pilot well.
- T5 Brass, 5 3/4" extension well for T2 thermostat bulb.
- T6 Stainless steel, 5 3/4" extension well for T2 thermostat bulb.
- T7 Brass, 18" extension well for T1 thermostat bulb.
- T8 Stainless steel, 18" extension well for T1 thermostat bulb.
- T9 Wall mounting bracket for T1 thermostat bulb.
- T10 Bulb in stainless steel, with stainless steel capillary tubing.
- T11 Bulb in stainless steel with union connection 3/4" NPT, with stainless steel capillary tubing.

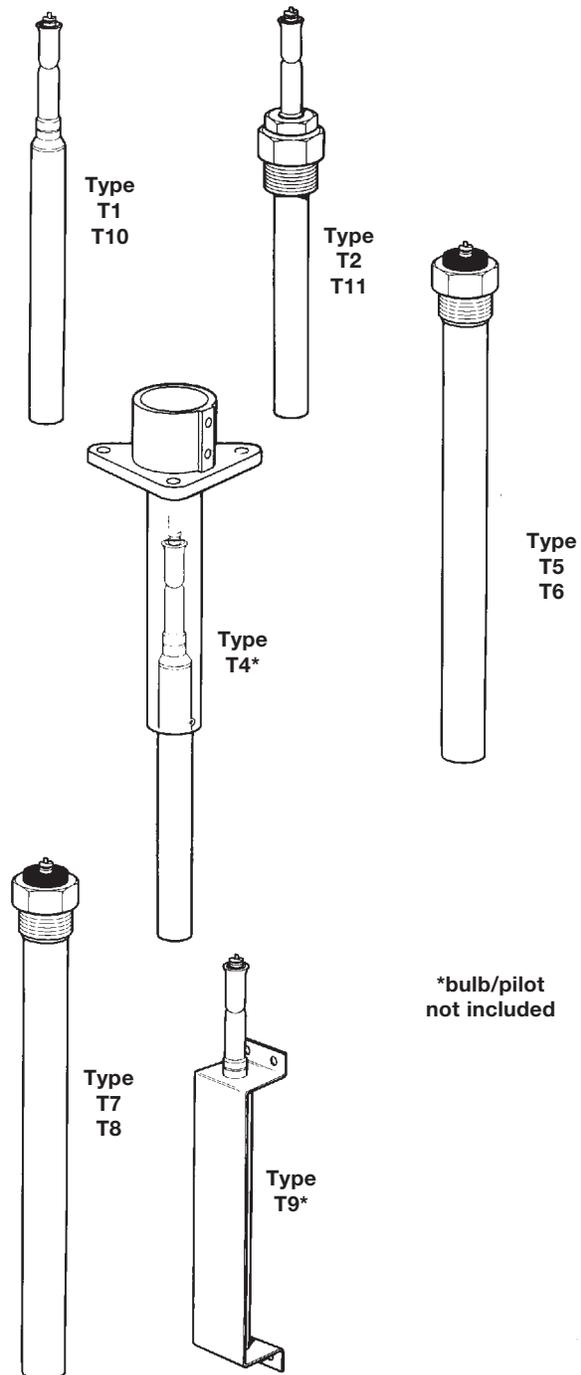
### Limiting Operating Conditions

Up to 200°F / 93°C above the control set point provided temperatures at the bulb do not exceed 350°F 176°C.

### Options:

#### Capillary Tube Length

Standard 8 ft. and 15 ft. available. Intervals of 5 ft. up to a maximum of 50 ft.



*Local regulation may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only.  
In the interests of development and improvement of the product, we reserve the right to change the specification.*

TI-1-1123-US 3.14

# Pilot Operated Temperature Regulators

## 25 Series Thermostat Bulb Types

Dimensions (nominal) in inches & millimeters

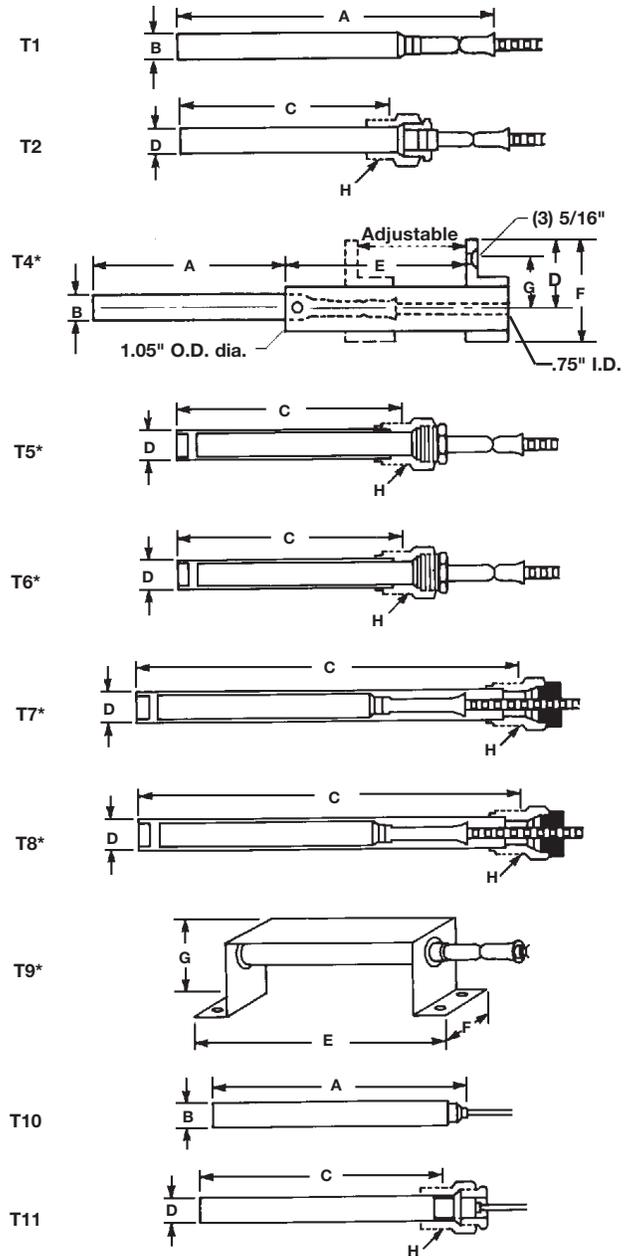
Style	A	B	C	D	E	F	G	NPT H	J
T1	8 203	0.62 15.7	-	-	-	-	-	-	-
T2	-	-	5.21 132	0.62 15.7	-	-	-	3/4"	-
T4	5 127	0.62 15.7	-	1.4 36	7.0 178	2.25 57.2	1.0 25.5	-	5/16"
T5	-	-	5.75 146	0.75 19	-	-	-	3/4"	-
T6	-	-	5.75 146	0.75 19	-	-	-	3/4"	-
T7	-	-	18 457	0.75 19	-	-	-	3/4"	-
T8	-	-	18 457	0.75 19	-	-	-	3/4"	-
T9	-	-	-	-	6.7 170	1.5 38	2.1 53	-	-
T10	6.4 162	0.62 15.7	-	-	-	-	-	-	-
T11	-	-	6.12 155	0.62 15.7	-	-	-	3/4"	-

### Installation

The thermostatic bulb should be carefully located in the medium being heated. Make sure that the entire length of the thermostatic bulb is immersed in the heated medium with a good circulation left over it. Locate the thermometer being used to monitor temperature close to the thermostatic bulb. When the bulb is contained in a well, use a heat conducting compound to improve response time.

### How to Specify

1 - 1/2" Spirax Sarco 25T Temperature Control with Thermostat Bulb Style T2.



\*bulb/pilot not included.