

# Capillary Thermostat

71090 71150 71320



## TS - Series

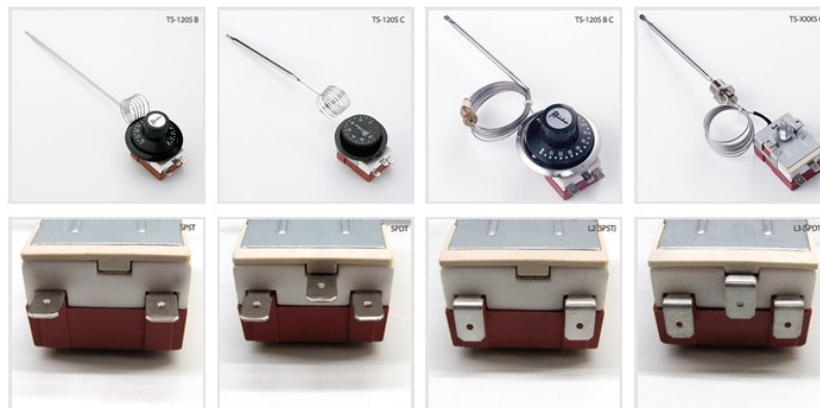


### Features

This is the most representative product, and most widely used among liquid-expanding products. Various specifications can be changed as the customers' demands.

### Application

- Fridge, freezer, hot and cool dispenser, air conditioner.
- All sorts of cooking equipments such as fryers, electric oven, microwave, waffle maker, and so forth.
- sauna, water bed, ATM machine



### > details

temperature range

MIN -30°C ~ MAX +320°C

max ambient temp, for body

120°C

electric rating

20A/250VAC, 10A/380VAC

switch circuit

Single Pole Double Throw (SPDT), Single Pole Single Throw (SPST)

mountain bracket

M4 fixed bracket (28mm from center to center)

direction of terminal

90°, Straight

net weight

75g

bulb dimension

Stainless, Standard 1000mm (Optional 250mm ~ 2000mm)

type of knob

R type / B type (optional)

stuffing bolt

PT1/4", M12, M14 (optional)

# TS - XXX S R - C

Temp.range	Sensor		Accuracy
030 (-30 -30)	5.8	126mm	±3°C
040 (0 -40)	5.8	126mm	±3°C
050 (0 -50)	5.8	126mm	±3°C
080 (0 -80)	5.8	117mm	±4°C
090 (0 -90)	5.8	119mm	±4°C
120 (0 -120)	5	104mm	±4°C
150 (30 -150)	5	100mm	±8°C
200 (0 -210)	5	67mm	±10°C
320 (50 -320)	3	179mm	±10°C
	5	67mm	±10°C

Ex: TS-030SR-C

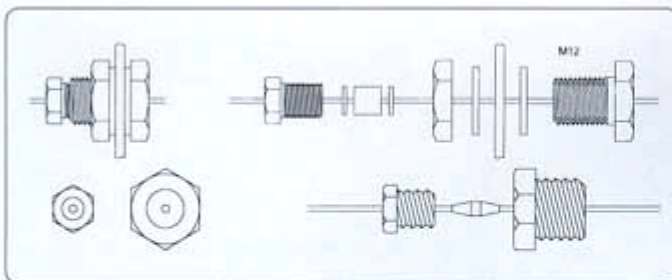
Stuffing bolt: pt1/4", M12, M14

Knob type: R or B

Capillary: S - stainless steel(1ø)  
 C - copper(1.4ø)  
 • standard:1000mm  
 • 250mm~2000mm for order

**Available Temperature Range** between -30°C and 320°C  
**Maximum Head Temperature:** 150°C  
**Electric Rating:** 16A/250VAC, 10A/400VAC  
**Switch Circuitry:** Single pole single throw (SPST)  
 Single pole double throw (SPDT)  
**Mounting:** Standard M4 mounting brackets (28mm center to center)  
**Terminal Type:** 45, 90, Straight  
**Thermostat weight:** 70g (thermo, knob set, stuffing bolt: 117g)

## Stuffing bolt







## Knob set



Knob set	R	Plastic Bezel	Black White	Knob 42ø Bezel 55ø
	B	Plastic/Stainless steel Bezel	Black White	Knob 48ø Bezel 62ø
Stuffing bolt	C	1/4PT, M12, M14	Brass nickel plated	

> major model

model	temperature range	bulb dimension	capillary dimension	Type of knob	Stuffing bolt
TS 030S	-30°C ~ +30°C			R TYPE 	Standard PT 1/4"
TS 040S	0°C~40°C	Ø5.8 * 127mm			
TS 050S	0°C~50°C			B TYPE 	 (M12 / M14 Optional)
TS 080S	0°C~80°C	Ø46mm	Standard		
TS 090S	0°C~90°C	Ø5.8 * 120mm	1000mm		
TS 120S	0°C~120°C	Ø5 * 104mm	(250 ~2000mm optional)		
TS 150S	30°C~150°C	Ø5 * 100mm			
TS 200S	50°C~200°C	Ø5 * 58mm			
TS 320S	50°C~320°C	Ø3 * 143mm Ø5 * 58mm			

> drawing

