

SAIEGO®

Capillary Thermostats (As per IS-4165)

SAIEGO Capillary Thermostats are designed for accurate and reliable temperature control for Domestic appliances, Commercial and Industrial Heating Equipments. The assembly of these Thermostats consist of copper capillary tube, sensing bulb & Diaphragm (Phial) filled with Liquid, fixed plated M.S./Thermoset housing and Ceramic/Thermoset switch base. A 'ABS' plastic Knob & a Dial / Bezel with clear scale markings calibrated in °C is provided to set the desired temperature.

PRINCIPLE OF OPERATION:- With temperature rise the expansion of liquid filling the phial causes the opening of snap action switch located in the case i.e. a single pole single throw, normally closed circuit breaks (opens) on rise of temperature.

APPLICATIONS:- This instrument keeps constant within the differential the temperature of any fluid or solids heated by electricity, gas or oil. It is used in Washing machines, Coffee vending machines, Dishwashers, fryers. Electric cooker, Hot water appliances, Ind. Boilers, Grills, Ovens, Deep fryer, cooking range, storage heater, oil Burners, sterlizer Roaster, Dryers, oil bath, water bath incubation other domestic and industrial equipments, plastic moulding machine, kitchen equipments & Laboratory instrument etc.

AVAILABLE ON REQUEST:-

- 1) COPPER CAPILLARY IN ANY LENGTH UPTO 3 Mtrs.
- 2) NORMALLY OPEN CONTACTS (NOC)
- 3) S. S. CAPILLARY
- 4) 20AMP. THERMOSTAT (IN SDLX MODEL)

MODEL	TEMP RANGE	CAPILLARY LENGTH. mm	BULB DIA. mm	BULB LENGTH. mm	STD PACK
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SAI Model capillary thermostats having thermoset base & metallic body (15A-250V AC)

Sai - 110	30 - 110°C	Ø 1.7 x 900	Ø 6.35	100	25
Sai - 300	50 - 300°C	Ø 1.7 x 900	Ø 4.75	125	25

Super Deluxe Model capillary thermostats having DMC base & metallic body (15A-250V AC)

SDLX - 110	30 - 110°C	Ø 1.5 x 900	Ø 6.35	105	25
SDLX - 300	50 - 300°C	Ø 1.5 x 900	Ø 4.75	80	25

Ministat Model capillary thermostats having ceramic base & Thermset body (15A-250V AC)

MINISTAT - 85	30 - 85°C	Ø 1 x 900	Ø 6.35	115	25
MINISTAT - 110	30 - 110°C	Ø 1 x 900	Ø 6.35	115	25
MINISTAT - 300	50 - 300°C	Ø 1 x 900	Ø 4.75	75	25

Compaq Model capillary thermostats having DMC base & Thermoset body (15A-250V AC)

COMPAQ - 85	30 - 85°C	Ø 1 x 900	Ø 6.35	115	25
COMPAQ - 110	30 - 110°C	Ø 1 x 900	Ø 6.35	115	25
COMPAQ - 300	50 - 300°C	Ø 1 x 900	Ø 4.75	75	25

SUN Model capillary thermostats having DMC base & metallic body (15A-250V AC)

SUN - 110 Cu	30 - 110°C	Ø 1 x 900	Ø 6.35	110	25
SUN - 300 Cu	50 - 300°C	Ø 1 x 900	Ø 4.75	75	25
SUN - 110 SS	30 - 110°C	Ø 1 x 900	Ø 6.00	100	25
SUN - 300 SS	50 - 300°C	Ø 1 x 900	Ø 3.00	170	25

SAI



Super Deluxe



Ministat



Compaq



SUN

