

General

The DT190 Series capillary thermostats are designed for use in refrigeration, heating, ventilating and air conditioning systems. Typical applications are: fan coil units, water chillers, beverage coolers, milk coolers, display cases, frozen food cases, etc.

Duct mounting kits and bulb wells are available as accessories for duct insertion and water immersion applications.

Features

- Dependable precision snap-acting contacts in dust-tight enclosure
- Liquid-filled sensing element provides uniform control at all ambient temperatures
- Direct reading provides fast and easy on-the-job adjustment
- Close fixed differential
- Unaffected by barometric pressure



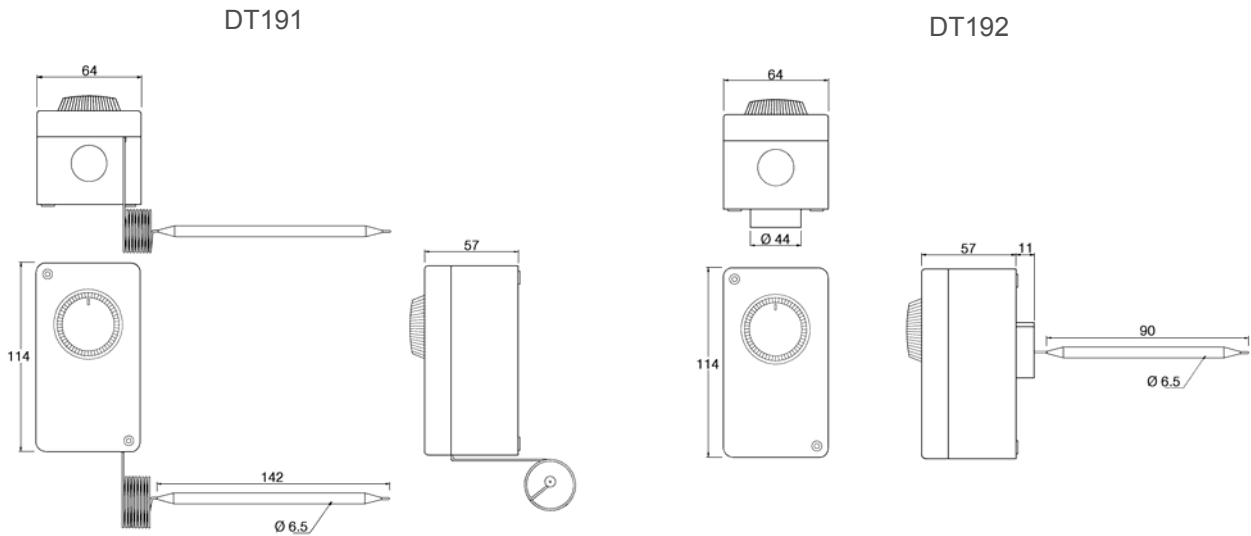
Product Overview

The DT190 series thermostat is a single stage temperature control device that incorporates liquid filled sensing element. It provides SPDT snap-acting contact for cutting off the power when sensing temperature is excessively hot or cold.

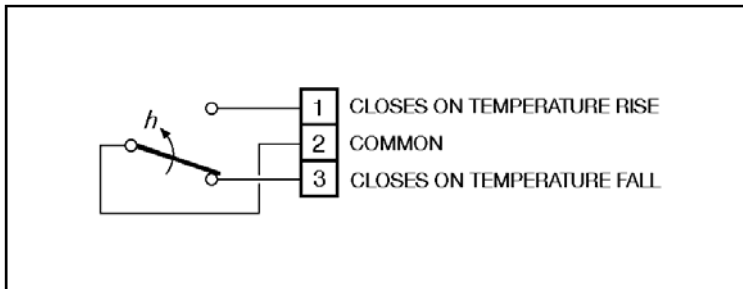
Technical Specifications

Model	DT191 with 1 meter long capillary remote bulb DT192 with 0.1 meter long capillary bulb
Temperature Set-point Range	0...40 °C
Operating Differential	Adjustable 1K approximately
Temperature Sensing Element	Liquid-filled swaged Bulb
Housing material	Self-extinguishing, molded ABS
Switch Action	SPDT, totally-enclosed, Snap-acting
Electrical Rating	6(1) A for Terminals 1 & 2, 10(1.5) A for Terminals 2 & 3, Up to 250V, 50/60Hz
Ambient Limitation	0...60 °C
Wiring Connection	Screw-down connection, wire size 1 mm ² or 18AWG
Shipping Weight	300g

Dimensions in mm



Typical Wiring Diagrams



WARNING
Incorrect wiring connection may cause permanent equipment damages to the thermostat.