



- Home
- About Us
- Divisions
- Products
- Sales Network
- International Business
- Contact Us
- Feedback

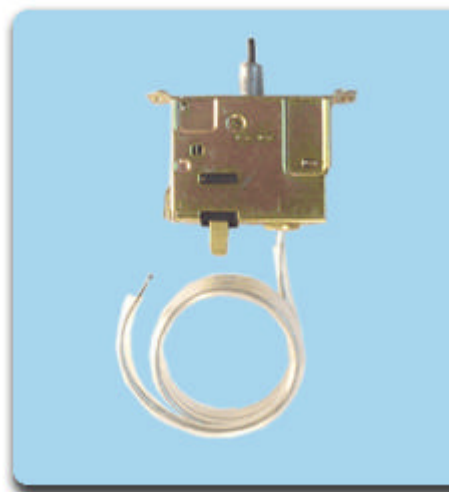
## PRODUCTS

### THERMOSTAT TYPE U50

#### FUNCTIONS

Type U50 are temperature control devices for controlling the temperature of refrigerated or air conditioned spaces. These devices cut off the compressor motor when the temperature falls to a preset value and restart the compressor when the temperature rises by a fixed value. The cut off temperature can be adjusted by turning the knob within specified limits. Million of U50 thermostats have been sold since it's introduction.

U50 thermostats utilize a seamless bellows and capillary as the sensing element . This sensing element is filled with suitable charge. The pressure of the charge in this sensing element changes with the changes in temperature and is utilized to operate an electrical contact system. The seamless bellows ensures positive transmission of power and hence ensures reliable performance.



Type U50 thermostats find application in :

- >> **Refrigerators ( Defrost & Non defrost type )**
- >> **Water coolers**
- >> **Ice cream cabinets**
- >> **Beverage coolers**
- >> **Air Conditioners**
- >> **Freezers**

#### SPECIFICATIONS

Sensing Element : Phosphor Bronze Bellows with tin plated copper capillary  
 Switch Type : 1 SPDT Closing on rise in temperature  
 Switch Rating : 6A 240 VAC (16A 240 VAC for Air conditioner & Water Cooler Models)  
 Mounting : Two screw (M4) mounting at 68 mm c/c

#### ORDERING TABLE

**CONVERSION CALCULATOR**

MODEL	RANGE (°C)	DIFFERENTIAL	DEFROST	CAPILLARY LENGTH EXCLUDING BULB	MOUNTING	APPLICATION
<b>U50-1018</b>	-15 to -8	7.5		750	Two screw at 68 mm cc	Domestic Refrigerator
<b>U50-1021</b>	-21 to -12	7.5		1235	Two screw at 68 mm cc	Deep Freezer
<b>U50-1022</b>	-19 to -12	7.5		1235	Two screw at 68 mm cc	Ice Cream Cabinet

<b>U50-1023</b>	-2 to +5	5	1235	Two screw at 68 mm cc	Beverage Cooler
<b>U50-2064</b>	8 to 24	5	1235	Two screw at 68 mm cc	Water Cooler
<b>U50-2059</b>	15.8 to 9	2.5	760	Two screw at 68 mm cc	Window Air Conditioner
<b>U50-1027D</b>	-10.5 to -7.5	9.5	750	Two screw at 68 mm cc	Defrost Refrigerator

[\*\*<< BACK\*\*](#)[\*\*NEXT >>\*\*](#)

---

[Home](#) | [About Us](#) | [Divisions](#) | [Products](#) | [Sales Network](#) | [International Business](#) | [Contact Us](#) | [Feedback](#)

---