

Main features

- Plug and play design, easy to use;
- Dual relay output, be able to connect with refrigeration and heating equipment at the same time;
- Support reading with Centigrade or Fahrenheit unit;
- Maximum output load: 1200W(110V) / 2200W(220V);
- Dual display window, be able to display measured temperature and set temperature at the same time;
- Temperature calibration;
Compressor delay protection for refrigeration control;
- High and low temperature alarms are available;
- Over-temperature and sensor fault alarm;
- Heating/cooling differential function could be set separately for refrigeration and heating to protect temperature controller from violent change.

03 | Specification

Temperature Control Range	-50~120 °C / -58~248 ° F
Temperature Resolution	0.1 ° C / 0.1° F
Temperature Accuracy	±1°C (-50~70°C) / ±2°F (-58~160°F)
Temperature Control Mode	On/Off Control, Heating and Cooling
Input Power	100 ~240VAC, 50Hz/60Hz
Temperature Control Output	Max. 10A, 100V ~240V AC
Buzzer Alarm	High and Low Temperature Alarm
Sensor Type	NTC sensor (Including)
Sensor Length	2m / 6.56ft
Relay Contact Capacity	Heating (10A, 100-240VAC)
	Cooling (10A, 100-240VAC)
Input Power Cable Length	1.5m (5ft)
Ambient Temperature	-30~ 75 ° C / -22~ 167 ° F
Storage	Temperature: -20~ 60 ° C / -4~ 140 ° F
	Humidity: 20~85% (No Condensate)
Dimension (Main Body)	140x68x33mm (5.5x2.7x1.3 inch)
Warranty	1 Year