

Temperature Humidity Digital Controller STC-3028 220V



Features:

The STC-3028 is an intelligent dual digital temperature and humidity controller designed for precise environmental regulation. It supports independent heating, cooling, humidifying, and dehumidifying functions with user-adjustable start and stop points. Equipped with a dual LED display, the device simultaneously shows current readings and target setpoints for both temperature and humidity. The controller features calibration functions and flame-retardant housing for enhanced durability. Its versatility makes it ideal for greenhouses, storage systems, aquariums, and automated environmental control setups.

Specifications	
Power Supply	AC 110–220V, 50/60Hz
Temperature Control Range	0°C to +80°C
Humidity Control Range	0%RH to 100%RH
Measurement Temperature Range	-20°C to +80°C
Accuracy	±1°C / 0.1%RH
Relay Output Capacity	10A / 240VAC
Sensor	Type: Integrated Temp & Humidity Sensor, Cable: 1 meter
Material	Gray ABS Flame Retardant Plastic
Dimensions	7.5 x 7 x 3 cm
Net Weight	120g
Gross Weight	140g
Usage	Temperature and humidity regulation for incubators, HVAC, and automated systems

Functions:

Function	Condition	
Heating	Start Temperature	< Stop Temperature
Cooling	Start Temperature	> Stop Temperature
Humidification	Start Humidity	< Stop Humidity
Dehumidification	Start Humidity	> Stop Humidity

Dimensions:



SPECIFICATION AND SIZE

Front panel size: 75(L)x34.5(w)(mm)
Mounting size: 71(L)*29(W)(mm)
Product size: 75(L)x34.5(W)x85(D)(mm)
sensor length: 1m (include the probe)

Wiring:

