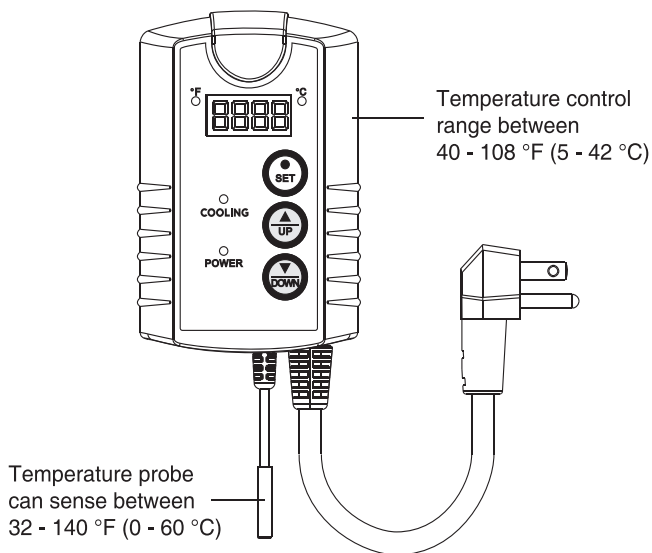


# COOLING THERMOSTAT MANUAL



## BN-LINK INC.

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Designed in California Made in China

## PROGRAMMING

### STEP 1 CHANGING FROM °C TO °F

- Press and hold **UP** for 3 seconds to change the unit to Fahrenheit (°F)
- Press and hold **DOWN** for 3 seconds to change the unit to Celsius (°C)

### STEP 2 SETTING UP THE THERMOSTAT CONTROLLER

Plug your thermostat controller into an electrical outlet. The **POWER** indicator will be on.

#### **a.** Programming your thermostat controller

- Press and hold **SET** button until the display blinks
- Using the **UP** and **DOWN** button, adjust the temperature to select your desired target temperature
- Press **SET** again to confirm
- To review your temperature setting, tap the **SET** button

#### **b.** Setup

- By default, the display will reflect the current measured temperature
- Place sensor probe near or at the site of temperature control. Do not submerge the controller or probe.
- Plug your appliance into the thermostat controller.
- The **COOLING** indicator light will only turn on when the controller is actively powering your attached appliance. When the preset temperature is reached, the **COOLING** indicator will turn off and power to your attached appliance will stop.

## ATTENTION

- If the thermostat remains 'on' (delivering power to the heat mat) for more than 5 consecutive hours, it indicates the desired temperatures are not being reached.
- Do not immerse controller or probe into water
- Do not exceed a total of 1000 watts of cooling devices plugged into thermostat

## TECHNICAL SPECIFICATIONS

- Accurate LED display in 0.1 degree increments
- 1 degree increments for temperature setting
- Max Load: 1000 Watts
- Max Amps: 8.3 A
- 120 V input & output voltage
- Temperature control range: 40 - 108 °F (5 - 42 °C)
- Temperature display range: 32 - 140 °F (0 - 60 °C)
- Saves current program after powering off
- Includes power and load indicator lights
- Includes 3 prong grounded electrical plug

## ABNORMAL WARNING

If thermostat shows

- 'E1': the actual temperature is lower than 32 °F or 0 °C.
- 'E2': the actual temperature is higher than 108 °F or 60 °C.
- 'E3': the temperature sensor is not working properly.

## WARNING

This product contains a soldered fuse and cannot be replaced. Please heed the following advice to prevent overloading the fuse.

1. We do not recommend using this product with any appliance with a compressor. Examples include refrigerators, A/Cs (air conditioners), or water cooling dispensers.
2. This product works well with heat mats, aquarium heaters, fans, and lights with a rating up to 1000W.
3. When used with appliances with motors or rectifiers, please keep the rating of the appliances below 400W.
4. The controller is designed to have a 3 degree buffering zone before powering on again after reaching set temperature. This is to preserve the fuse built into the unit.