



DUAL TEMPERATURE CONTROLLER INSTRUCTIONS

MANGROVE JACK'S DUAL TEMPERATURE CONTROLLER



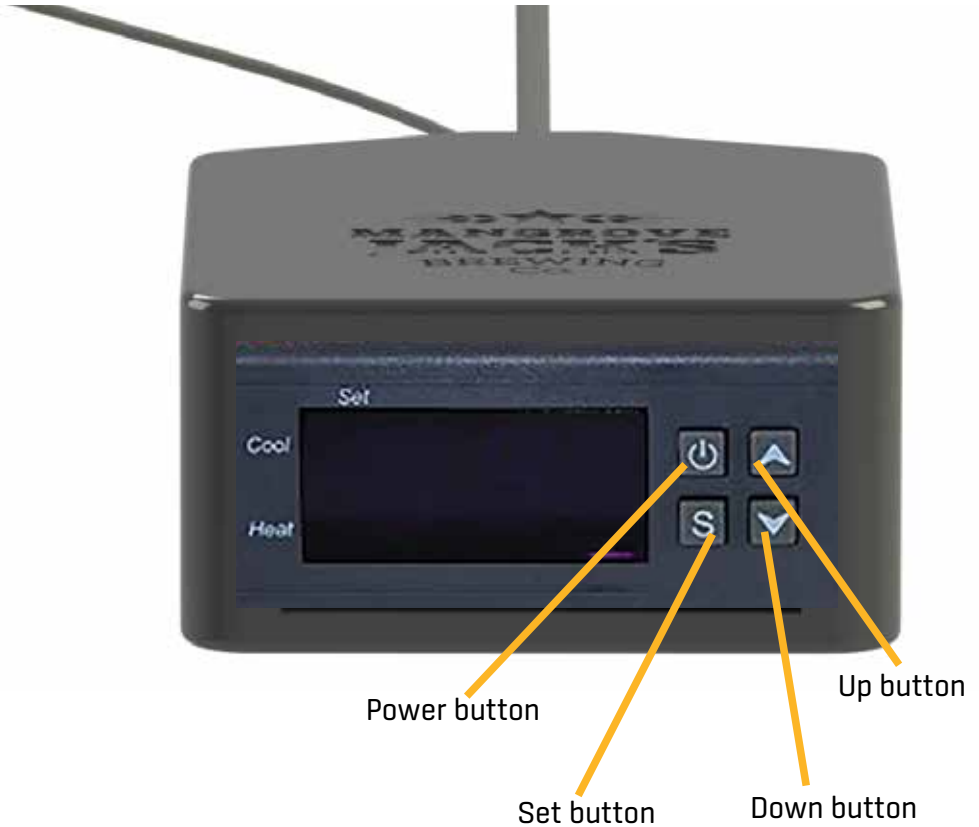
TECHNICAL SPECIFICATIONS

- TEMPERATURE MEASURING RANGE: -50-99°C [-58-210°F]
- ACCURACY: +/- 1°C [-50-70°C OR -58-158°F]
- POWER SUPPLY: 220V AC +/- 10%, 50/60Hz
- SENSOR: NTC Sensor
- RELAY CONTACT CAPACITY: Cooling (10A/250V AC), Heat (10A/250V AC)
- AMBIENT TEMPERATURE: 0 - 50°C [32-122°F]

SAFETY SPECIFICATIONS

- Make sure the Dual Temperature Controller is used on a flat dry surface.
- Do not plug any device into the sockets on the back that exceed the power ratings.
- Avoid getting water and dust into the air vents on the side of the Dual Temperature Controller.
- Always use the controller with the specified power ratings.
- Do not operate if the cord, plug or appliance is damaged.
- Do not let cord hang over the edge of a table or touch hot surface.
- Do not place on or near a hot gas or electric burner, or in a heated oven.

BASIC OPERATION



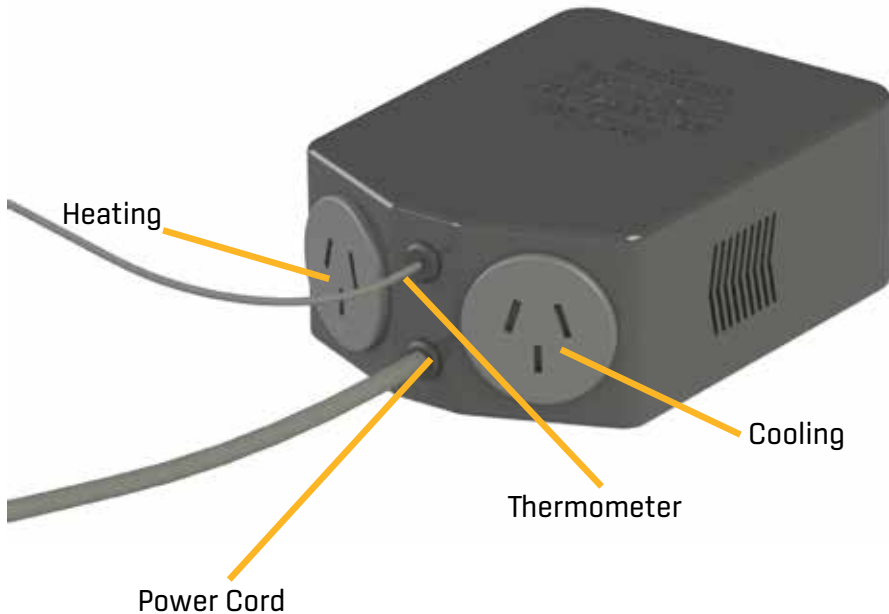
Button	Press Once	Hold for 3 Seconds	Holding Continuously
Power	Switch controller on and off.		
Set	Select, or finish step.	Indicator light will appear.	Hold the Set button and pressing either the up or down to enter target temperature.
Up	Display target temperature.		
Down	Display the hysteresis value.		

The temperature displayed on the screen under normal working status shows the current temperature.

SETTING A TEMPERATURE

1. Press the Set button and hold for 3 seconds. The Set indicator light on the screen will appear.
2. Press Set button again. The temperature displayed on the screen now is the target temperature.
3. While holding in the Set button, use the Up or Down buttons to enter a desired target temperature.
4. Once you reach your desired target temperature, press the Power button to set that temperature. You will then return back to the main screen.

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Heating

The heat socket on the controller is for plugging a heating device into. Most common is the Mangrove Jack's Heat Belt or Heat Pad.

Cooling

The cooling socket on the controller is for plugging a fridge or chiller into.

Temperature Probe

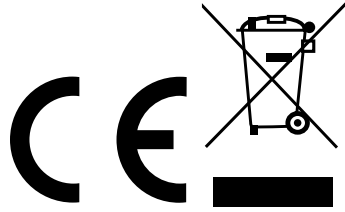
Insert the temperature probe into a fridge or temperature controller box. If using a fridge it is best to read the temperature from the middle of the fridge to get the most accurate reading of the temperature inside.

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NZ/AU:

Product name: Dual Temperature Controller
Model number: 71140
Voltage: 220-240V ~ 50/60Hz
Made in: China



EU/UK:

Product name: Dual Temperature Controller
Model number: 71141 (EU) and 71142 (UK)
Voltage: 220-240V ~ 50/60Hz
Made in: China

Correct disposal of this product:

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



