Hot Art™ Temperature Controller Manual TH-810TN

Reference Diagram

Heat up: flame sign

Refrigeration : Snowflake Sign

RM environment temperature

SET select temperature

Work state indicator light
Quench, red, green

RESET

PWR

UP
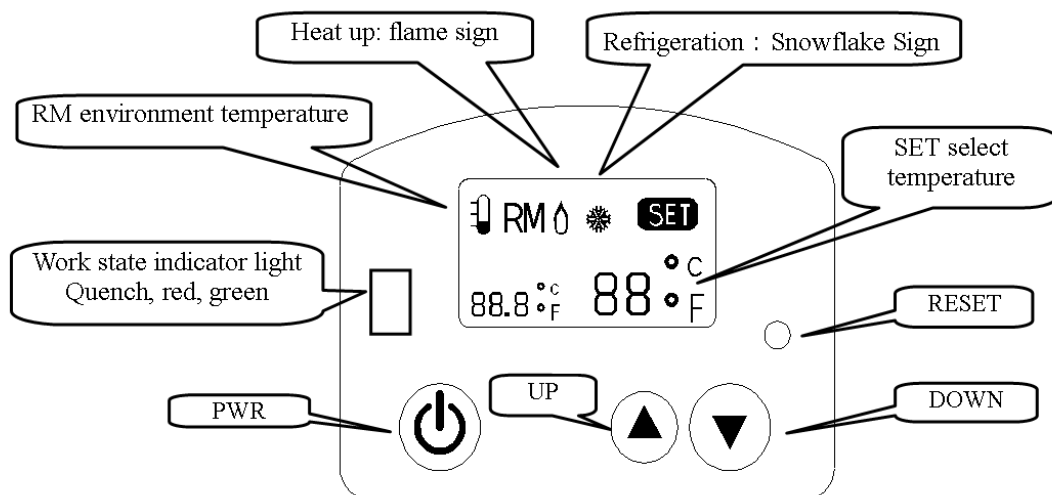
DOWN

Before using the controller, please read the following instructions carefully.

1. Heating / Cooling:

Press PWR and UP button simultaneously for about 3 seconds to
switch between heating and cooling.

2. Temperature-value °C and °F:

Press UP and DOWN button simultaneously for about 3 seconds
to switch between °C and °F.

3. Settings:

4.1 Press the Power button (PWR) to set the value of temperature.

4.2 Cooling (Snowflake):

A. Press "UP" or "DOWN" repeatedly, set "SET" temperature
at least 2° C lower than "RM" temperature.

After 1-3 minutes, LED will turn green, outlet will turn on.

B. When "RM" temperature reaches "SET" temperature, LED
will turn red and snowflake will disappear, outlet will turn off.

C. When "SET" temperature is higher than "RM" temperature,
LED will display red and outlet will turn off.

4.3 Heating (Flame):

A. Press "UP" or "DOWN" repeatedly; set "SET" temperature
at least 2° C higher than "RM" temperature.

After 1-3 minutes, LED will display green, outlet will turn on.

B. When "RM" temperature reaches "SET" temperature, LED
will turn red and flame will disappear, outlet will turn off.

C. When "SET" default temperature is lower than "RM"
temperature, LED will display red and outlet will turn off.

General Specifications:

1. Operating voltage: 230V AC/ 50Hz

2. Load (Max):

• 10A / 2300W – Resistive load

• 2A / 460W – Inductive load

3. Operating Temperature: -10° C ~ 70° C

4. Temperature Control range: 5° C (40° F) ~ 30° C (85° F)

5. Precision: ±1° C

6. Measuring period: 10 sec.

Important safety precautions:

Do not plug any device performing mechanical movement directly into the temperature controller. Fan or other appliances with exposed elements should not be left unattended, and it is recommended that these types of appliances are not connected to the temperature controller. Do not insert needles or any other metal objects into mains outlet. Avoid moisture, extreme temperatures, shock and vibration. Recommended ambient temperature is 10° C to 40° C. To clean casing and display use a soft cloth. Do not use chemical or scouring agents. Do not submerge in water. Keep device out of the reach of children.