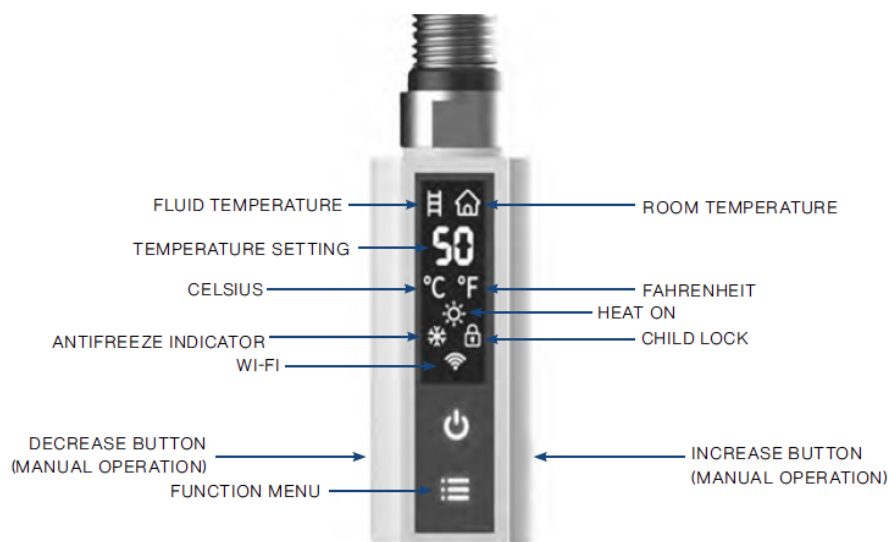


Runtal Towel Radiator Smart Control



Operating conditions and technical parameters

- Operating voltage: 120VAC $\pm$ 10% 60Hz;
- Output capacity: Max 1200W
- Operating temperature: -10°F~130°F
- Storage temperature: -10°F~85°F
- Temperature range: 80°F~160°F
- Accuracy: $\pm$ 1°F
- Alarm output: buzzer

Operation and Display

Display Symbols

	Room Temperature Heating Set
	Towel Radiator Heating Temperature Set
	Heating ON Symbol
	Child Lock function
	Wi-Fi
	Freeze Protection Mode
	Power
	Menu
	Manual Decrease (on left side of controller)
	Manual Increase (on right side of controller)

Your Runtal towel radiator can be operated as a stand alone manually controlled device, or by installing and using your Wi-Fi enabled device via the “TUYA” or “SMART LIFE” application.

A) Manual Operation and settings

Your Runtal towel radiator can operate in two basic modes

It can run continuously to keep towels warm and dry, typically managed through a timer function.

It can also operate as a room heater, controlled by a room air temperature thermostat for maintaining comfort in space.

To use as a Towel Warmer Function

1. To activate the towel radiator, by pressing the Power On / Off symbol 
2. Once the power is activated press the menu button found at the bottom of the screen. 
3. Toggle through the selections on the menu button until you see the towel radiator symbol  appear at the top of the display which will set the function to towel radiator mode.
4. Once in the towel radiator mode:
 - a. Set the desired temperature of the towel radiator the screen will indicate the current heat setting. To adjust the heat setting, use the control buttons   on either side of the controller to increase or decrease the desired temperature.
 - b. The heating symbol  will flash to indicate that the towel radiator is heating up to meet to set temperature. It will stop flashing once the heat setting has been reached.
5. The towel radiator will remain in room heating mode until turned off or a different function is selected.

To use as a Room Heating Function (Comfort Mode)

1. To activate the towel radiator, by pressing the Power On / Off symbol 
2. Once the power is activated press the menu button found at the bottom of the screen. 
3. Toggle through the selections on the manual button until you see the Room Temperature symbol  appear at the top of the display which will set the function to room heating mode.
4. Once in the room heating mode:
 - a. The default temperature setting will appear (80°F),
 - b. Set the desired temperature of the room (56~96°F) by using the control buttons   on either side of the controller to increase or decrease the desired temperature.
 - c. The heating symbol  will flash to indicate that the towel radiator is heating up to meet to set temperature. It will stop flashing once the room temp heat setting has been reached.
5. The towel radiator will remain in room heating mode until turned off or a different function is selected.

ECO – Room Temperature Mode

Energy-saving mode (ECO Mode): Press the menu button , when the screen shows room temperature symbol a second time (after Antifreeze mode). The middle of the screen is the target room temperature; display will alternate between set temperature and “EC” when in ECO Mode. The default setting temperature is 70°F, The heating symbol is flashing to indicate heating and extinguished to indicate that the actual water room temperature has reached the set room temperature and is not heating. The range of room temperature setting: 55~95°F. Press  to reduce the temperature set, press the  to increase the temperature setting. Energy saving mode is intended to provide a secondary “default” set temperature below the “comfort” room temperature setting to allow the user to quickly select a more economical setting.

Antifreeze mode:

Press the menu button , when the screen shows the antifreeze symbol.

The middle of the screen is “45”. If the water temperature is lower than 45°F, the controller will start heating until the temperature reach 60°F.

Boost Mode (Timer):

Press the menu button , When the middle of the screen shows XH where ‘X’ is 1-8. The water temperature symbol is always on, the heating symbol flashes to indicate heating, otherwise it is not heated. The device will work at the maximum water temperature (160°F) for between 1-8 hours, and once the set time is reached, **the device will return to the mode before entering Boost.**

Note: If a schedule is created in the app, the unit will return to the programmed schedule after the timer function ends. For example, if the schedule is set to OFF at that time, the unit will automatically turn off.

Fault alarm

1. The “Er” appears on the screen, indicates a sensor failure.
2. Over-temperature fault: When the water temperature is between 180°F and 220°F, the screen displays OH and stops heating. When the water temperature exceeds 220°F, the screen displays Er.

Buzzer prompt

1. When the button is pressed, the buzzer will beep briefly;
2. After receiving the mobile phone command, the buzzer will sound short to remind you.

Child Lock Feature

To lock out the touch screen, hold the  and  simultaneously for 5 seconds until the lock icon illuminates. To unlock, hold the  for 5 seconds until “Un” is displayed and the unit beeps.

Power outage recovery

When a power outage occurs while the product is running, the working mode before the power outage can be restored after powering on.

B) Wi-Fi set up, operation and settings

For additional control features and remote control of your towel radiator, install the TUYA or Smart Life App.

- Additional app control features/functions
- Room Temperature compensation (calibration)
- 7 day/24 hour programing
- Child Lock
- Open Window Detection
- Select units F or C
- Display mode (30s, 60s, On)

SCAN FOR APP DETAILS



App installation and operation

1. Install either the TUYA or Smart Life app to your Android or Apple device

To connect your Towel Radiator to the internet:

1. Press and hold the menu button until the Wi-Fi symbol flashes.
2. Open the APP “TUYA” or “SMART LIFE”, click on the ‘+’ symbol in the top right corner and select to “Add device”.

For more information on using the app with your Runtal towel radiator, [scan the QR code](#).