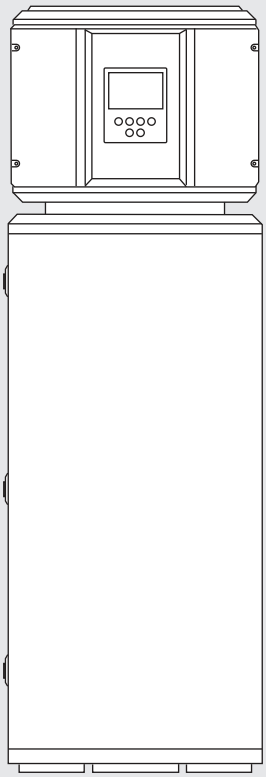
MODEL

EHPT180VM



Heat Pump Hot Water System

Operation & Installation Manual

Rinnai

OPERATING FUNCTIONS

On / OFF

ON/OFF

- In standby mode, press the ‘on/off’ key once to perform the startup function and display the mode before the last shutdown.
- In the start-up mode, press the ‘on/off’ key once to shut down the appliance.
- Press ‘SET’ and ‘On/Off’ together and hold for 3 seconds to enter the Wi-Fi setting functions.

Mode / Lock

MODE LOCK

Press the ‘MODE’ key to cycle between Modes in this sequence: ECO → HYBRID → E-HEATER

- **Eco mode**: The unit is set to economy mode, the hot water temperature is adjustable in the range of 30-60°C , the compressor is running at 30-60°C.
- **Hybrid heating mode**: The unit is set to hybrid heating mode. The hot water temperature is adjustable in the range of 30-70°C. The compressor and electric heating are running at 30-60°C, and the electric heating is running at 60-70°C.
- **Electric heating mode**: The hot water temperature is adjustable in the range of is 30-70°C, the electric heating will be operated within this range.

Every time the unit is powered on it will automatically enter the last operational mode it was in before shutdown.

Locking function

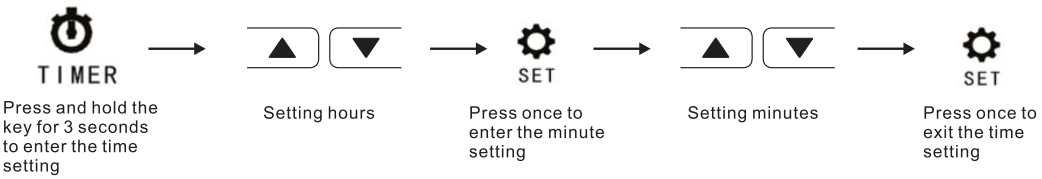
- Press and hold the ‘MODE LOCK’ key for 3 seconds to activate the child lock. Press and hold again for 3 seconds to release the lock.

Timer

TIMER

Timer setting

- Press the “TIMER” key for 3 seconds and then release to enter the time setting. The hours and minutes in the time display area will flash at the same time. Press the “TIMER” key again, and the hours in the time display area flash. Press the “up” key or “down” key to adjust the hours; Press “SET”, and the minutes in the time display area will flash. Press the “up” key or the “down” key to adjust the minutes; After the time setting, press the “SET” key to save and exit.



Timed start-up

- When there is no timing setting in the normal interface, press the “TIMER” key once to enter the timed startup setting interface and timer symbol in the time area will flash, and “ON” is displayed in the temperature area of the water tank. The default time display is 00:00, and the hour area flashes. Press the “SET” key to switch to the minute setting, and the minute area flashes. Then press the “SET” key to switch to the timed shutdown setting.

Timed shutdown

- The timer symbol in the time area flashes, and “OFF” is displayed in the temperature area of the water tank. The default time display is 00:00, and the hour area flashes. Press the “SET” key to switch to the minute setting, and the minute area flashes. Then press the “SET” key to save the timer setting.

Cancel timing

- When the timer is active, press the “TIMER” key once to cancel the timing.

Settings

SET

The key is used in timed startup and timed shutdown setting, see the previous timing setting operation for details;

- Press and hold the “SET” key for 3 seconds to enter the parameter inquiry page.This function is mainly intended for use by qualified installation and maintenance personnel. See the following table for parameter details:

Code Description	Number	Remarks
Tank temperature 1 (Thw 1)	01	Unit: °C
Tank temperature 2 (Thw 1)	02	Unit: °C
Ambient temperature (Ten)	03	Unit: °C
Fin temperature (Tfr)	04	Unit: °C
Compressor exhaust temperature (Tcomp)	05	Unit: °C
Return temperature	06	Unit: °C
Current of compressor	07	Unit: Amps
Current opening state of electronic expansion valve	08	States: Open/Closed
Set mode	09	00-Eco Heat, 01-Hybrid Heat, 02-Electric Heat
Heating set temperature (Ts)	10	Unit: °C
Display water temperature	11	Unit: °C
Controller version number	12	Example: A05
Controller version number	13	Example: A01
Jumper cap setting model number	14	Examples: 01 02 03
Last fault code	15	Example: E1
Second last fault code	16	Example: E1
Third last fault code	17	Example: E1
Fourth last fault code	18	Example: E1

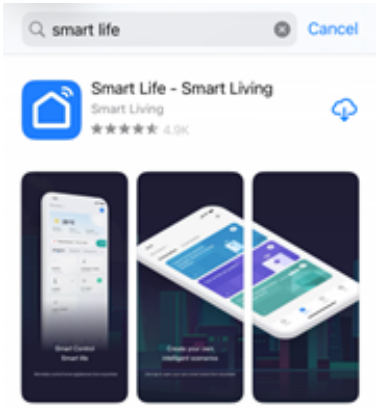
Temperature Up/Down

- “Temperature▲”: The set temperature is increased by 1°C
- “Temperature▼”: the set temperature is decreased by 1°C
- During operation, enter the sequence “[▲] - [▼] - [▲] - [▼] - [▲] - [▼]“ within 5 seconds to initiate forced defrosting.

WI-FI CONNECTION

Please follow below steps to set up and operate Wi-Fi functions.

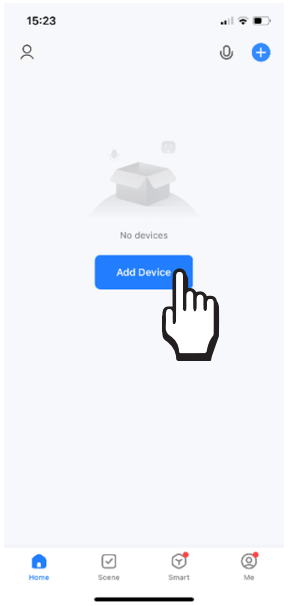
1. Prepare a Wi-Fi wireless router that can access the Internet, The Wi-Fi frequency band is required to be 2.4 Ghz and it should be placed within 10 meters of the water heater to ensure that a strong Wi-Fi signal is available.
2. Turn on Wi-Fi and Bluetooth on your device. After the connection is successful, you can turn off Bluetooth and operation will not be affected.
3. Scan the QR code below or search in the app market to download and install the 'Smart Life' App.
   - iOS users – please download from App Store
   - Android users – please download from Google Play



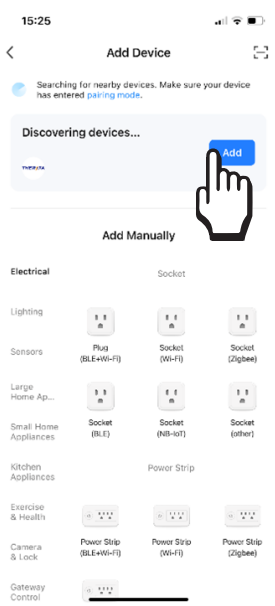
4. After completing the installation, open the App, register an account and log in according to the App prompt.
5. Power on the water heater, press 'Setting' and 'On/Off' together and hold for 5 seconds to enter the Wi-Fi setting functions. The Wi-Fi icon on the display will be flashing.

NOTE **Wi-Fi connecting is available for 3 minutes. You will need to repeat step 5 if the icon stops flashing during the connection**

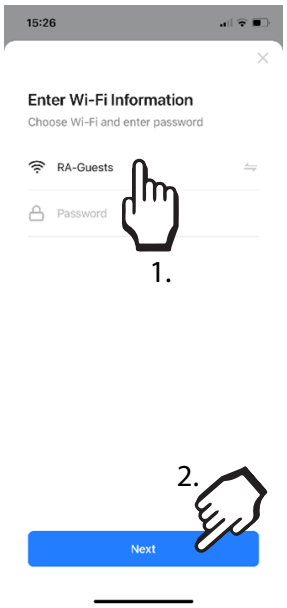
6. Connect to the SmartLife App as follows:



i) Search for Device

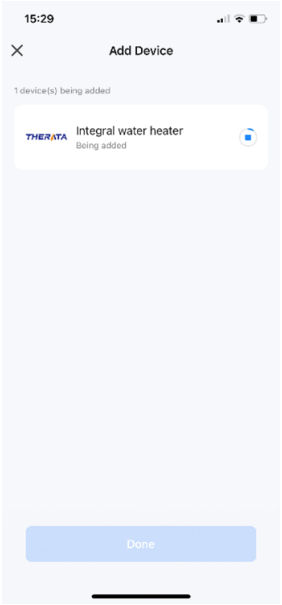


ii) Add Found Device

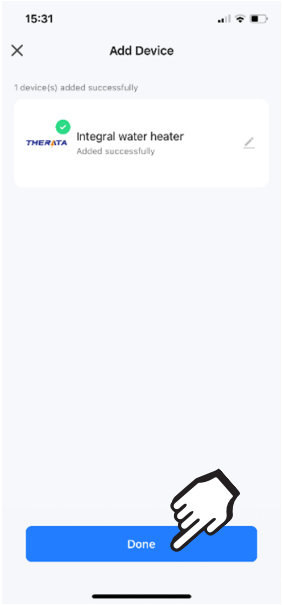


iii) Connect to Wi-Fi

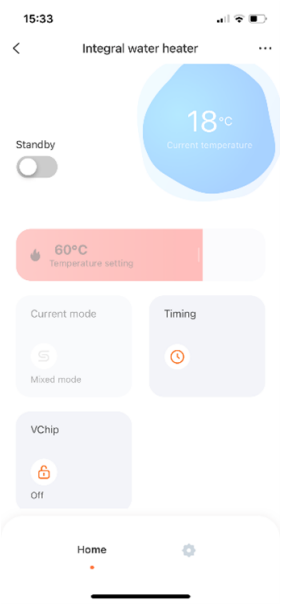
Connect to SmartLife App (cont).



iv) Wait for Connection



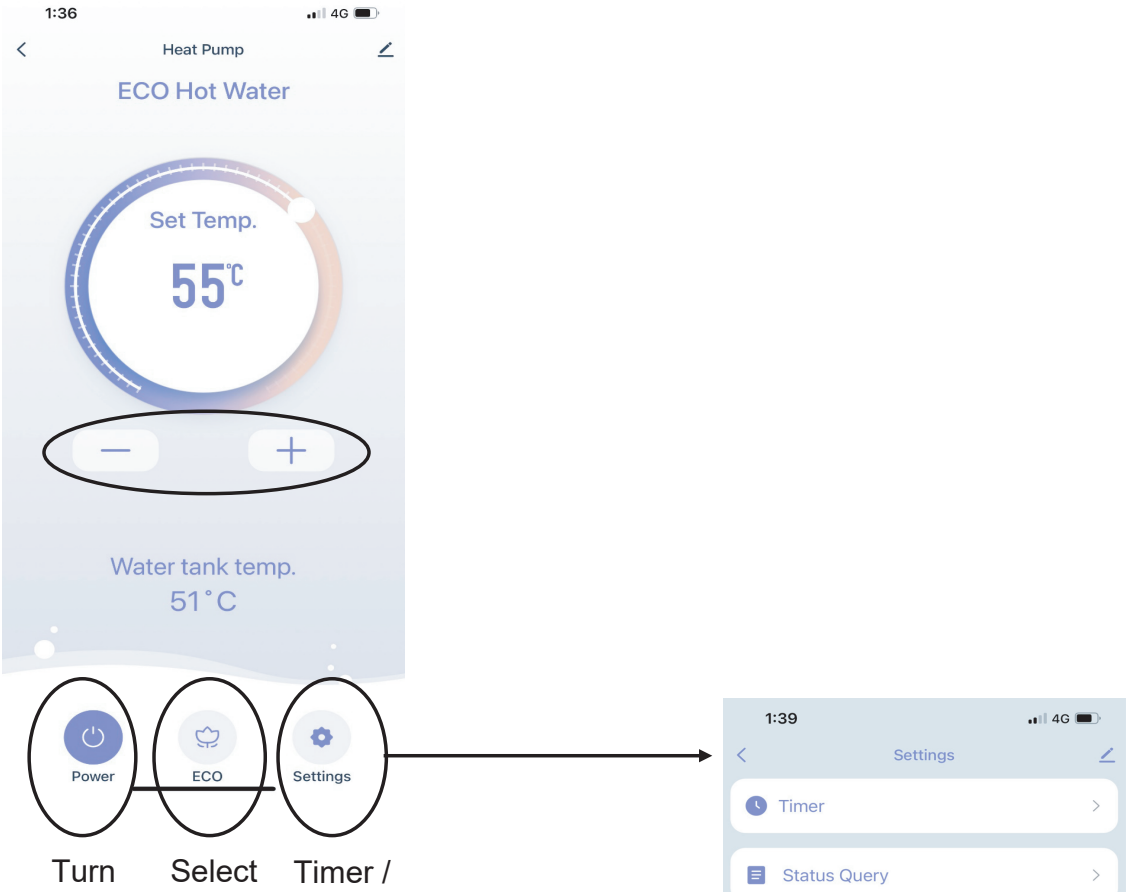
v) Complete



vi) Device Connected

7. Control the Heat Pump with the App

The main controls for the App are laid out as follows on the App.



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Fax: (03) 9271 6622

National Help Line
Tel: 1300 555 545* Fax: 1300 555 655
Monday to Friday, 8.00 am to 5.00 pm EST.

After Hours Hot Water Service Line
Tel: 1800 000 340*

**Cost of a local call may be higher from a mobile phone. (National calls from public phones in Australia are free.)*

For further information visit **www.rinnai.com.au** or email **enquiry@rinnai.com.au**

Rinnai has a Service and Spare Parts network with personnel who are fully trained and equipped to give the best service on your Rinnai appliance. If your appliance requires service, please call our National Help Line. Rinnai recommends that this appliance be serviced every 3 years.

With our policy of continuous improvement, we reserve the right to change, or discontinue at any time, specifications or designs without notice.