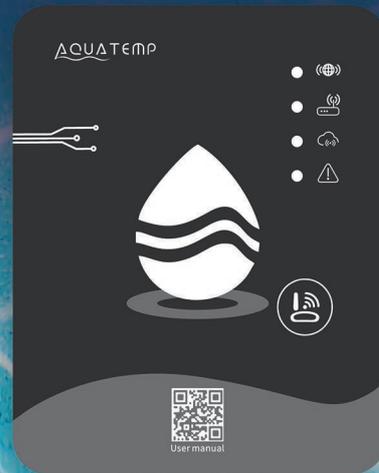




WI-FI CONTROL SETUP MANUAL



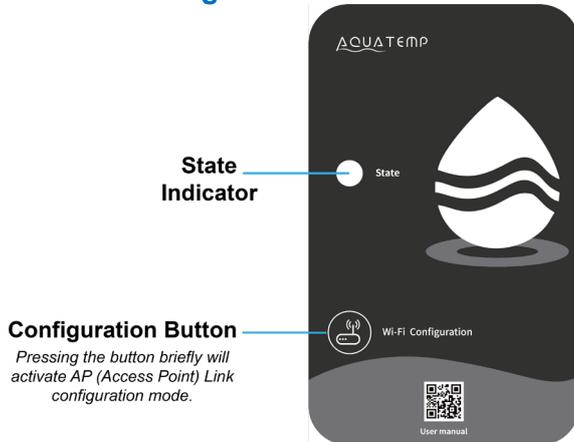
AquaTemp App

WI-FI CONTROLLER

1. Introduction

The AquaTemp smartphone app, available for both iOS and Android, provides a simple and convenient way to monitor and control your EvoHeat unit — allowing you to adjust temperature settings, set timers, receive error alerts, and enable remote technician access.

1.1 Module Diagram



COLOUR	STATE INDICATOR MEANING
1 RED	Configuring network
2 PURPLE	Connecting the router
3 BLUE	Connecting to the server
4 GREEN	Normal communication with server
5 FLICKER	Abnormal communication with main board

1.2 Download the App

The AquaTemp app is available for both iOS and Android devices. To download the app, open your device's app store and search for 'AquaTemp'.

Alternatively, you can scan the relevant QR code if available.

Before pairing the module, you'll need to create an account in the app. Instructions are provided in Section 4.



2. What You Need (Technical Requirements)

To ensure successful setup and operation of the AquaTemp Wi-Fi module, the following requirements must be met:

- **2.4GHz Wi-Fi only**

The module only supports 2.4GHz Wi-Fi networks. Most modern routers offer both 2.4GHz and 5GHz bands, your phone must be connected to the 2.4GHz band during pairing.

- **No Wi-Fi boosters or extenders**

Connection must be made directly to your modem or router. Wi-Fi repeaters, extenders or mesh systems may prevent pairing or cause unreliable performance.

- **Strong signal at the heat pump**

Ensure the heat pump location receives strong Wi-Fi signal, ideally within 10 metres of the modem/router. If the signal is weak, try temporarily moving the modem closer during setup.

- **Disable band steering (if applicable)**

Some routers automatically switch devices between 2.4GHz and 5GHz. Disable this feature temporarily during setup to prevent pairing issues.

- **App permissions**

Bluetooth, Location, and Camera permissions must be enabled during the pairing process.

- **Internet access required**

The Wi-Fi network must have internet access for the AquaTemp module to connect to the cloud and enable remote functionality.

3. Installing the Wi-Fi Module

All current EvoHeat models come with the Wi-Fi module pre-installed for convenience. If you need to remove or replace the module for any reason, please contact EvoHeat’s technical support team for guidance.

4. App Setup

4.1 Create an Account

Note: If the app at any stage asks you permission to use Bluetooth, Location or Camera, ensure you allow these functions. The app requires all of these functions to operate.

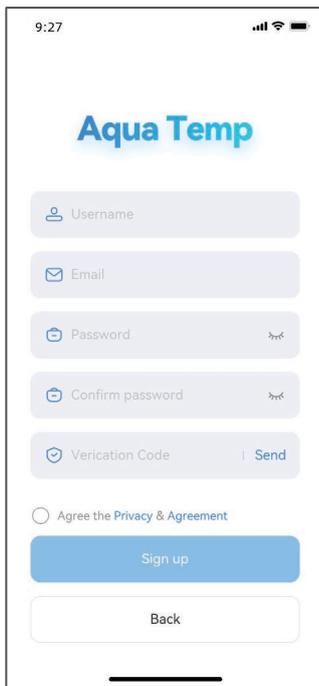


Fig. 2: Account Registration

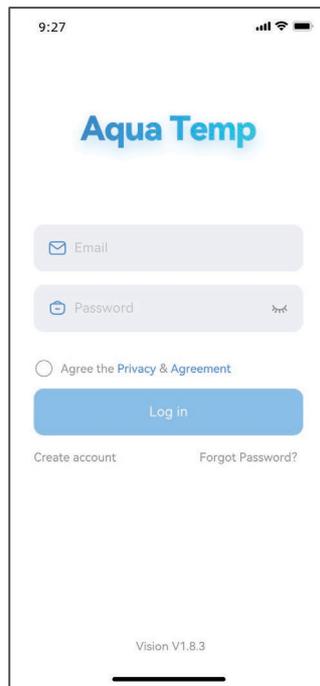


Fig. 1: Login Menu

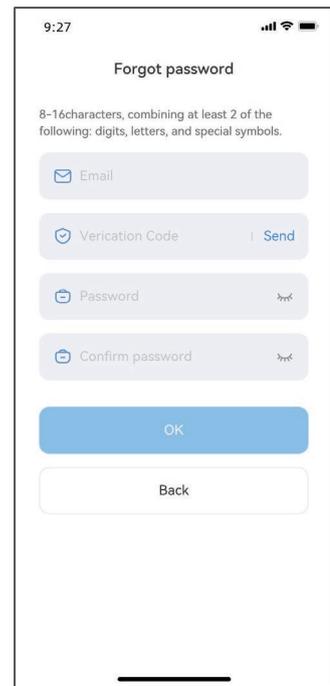


Fig. 3: Forgot Password Menu

1. You will need to create an account to use the app. To register, press the Create Account button (Fig. 1) and fill in your details.
2. Press the ‘Send’ button next to the ‘Verification Code’ field to send a code to your email (Fig. 2). Once you have this code, go back into the app and enter the code into the field.

Read the privacy policy and press the button next to it to agree to the terms.

Press ‘OK’ to finish the account registration.

Note: the verification code is only valid for 5 minutes, after this time you will need to request a new one.

3. From the login page (Fig. 1) enter your registered email and password and then press Login. If you forget your password, you can head to the Forgot Password screen and follow the prompts (Fig. 3).

4.2 Add Your Device & Configure Wi-Fi

Important: Before starting the pairing process, make sure you know your Wi-Fi network name and password.

Note: The setup instructions in this manual use an iPhone for reference. The process on Android devices is largely the same, though screen layouts and prompts may appear slightly different.

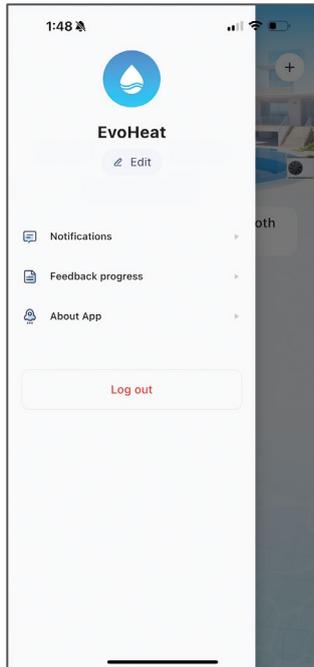


Fig. 5: Left-Hand Menu

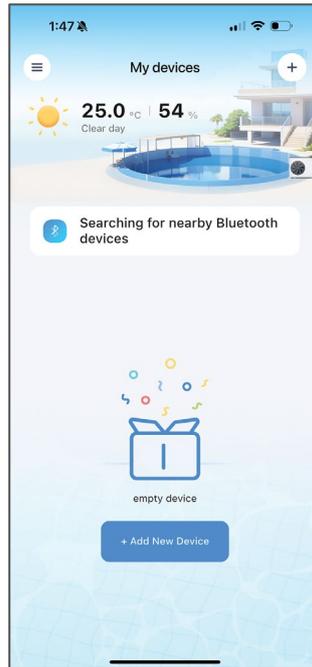


Fig. 4: My Device Menu



Fig. 6: Add Device Menu

Once you have logged in, you will enter the My Device screen (Fig.4) where you can add your device and set up the wi-fi connection.

1. To add your device, press 'Add New Device' (Fig.4). Ensure that you press the Wi-Fi option that looks like your Wi-Fi module. In this case, you will need to press the middle-left button (**Wi-Fi V2.0**).
- Some older systems may use Wi-Fi V1.0, so select the option that matches your module's appearance.
2. Allow the app permission to access Bluetooth, location & camera (Fig. 7). Press and hold the button on the Wi-Fi module for a second (1s) until two lights turn on (Fig. 8). This means the AP connection is activated and ready to connect. Press 'Next'.
3. Enter your home router's Wi-Fi password (Double check that the password is correct — it must exactly match your modem settings, including capital and lowercase letters.) then press OK. (Fig. 9).

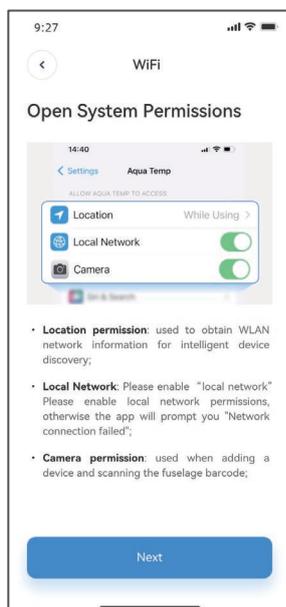


Fig. 7: Confirm Permissions



Fig. 8: Wi-Fi Module On



Fig. 9: Enter Home Wi-Fi Password

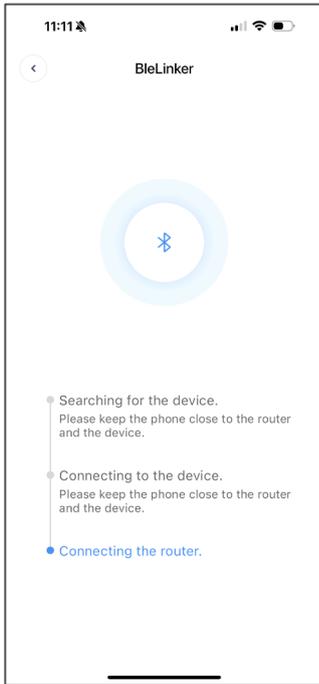


Fig. 10: Allow Bluetooth

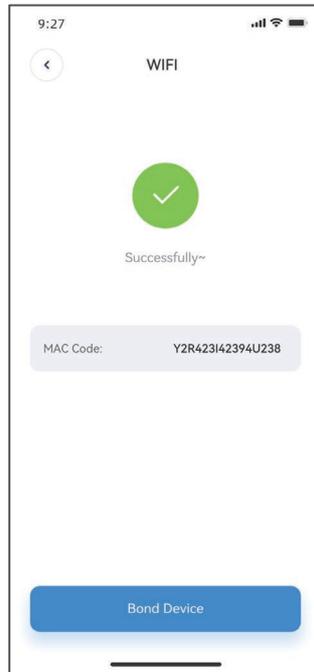


Fig. 11: Allow Bluetooth



Fig. 12: Allow Camera Access

4. The app requires Bluetooth to operate. When you are asked to allow permission for the Bluetooth function, ensure it is enabled and turned on in your phone's settings (Fig 10).
5. The app will begin to search for your heat pump. If the connection has failed, ensure you followed all steps correctly and try again. If the connection succeeded, a confirmation screen will appear.
6. Press the 'Bond Device' button (Fig. 11) to begin the final step of pairing your heat pump.
7. The app will ask for permission to use your camera (Fig. 12), press OK, then use the camera to scan the code on the Wi-Fi module (this value will start with the letters WF). If you cannot scan the barcode numbers with your phone's camera, you can select the manual input button (Fig. 13) to manually type in the required code.
8. If you've scanned or entered the correct code, device bonding will be complete (Fig. 14)! You may now access your heat pumps controls via the app.



Fig. 13: Manual Input Option

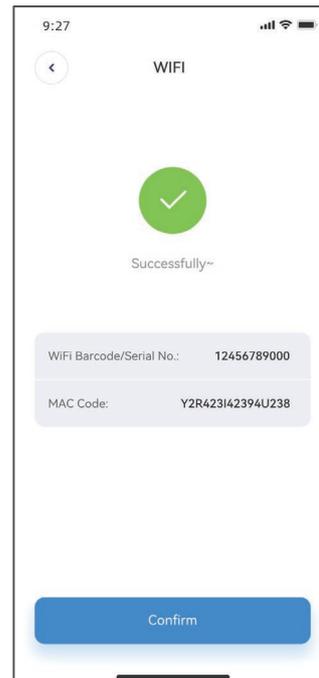


Fig. 14: Bond Device Completed

5. Using the App

ICON	NAME	FUNCTIONS
	ON/OFF	Turn the unit on or off
	SILENT MODE: OFF	Indicates that Silent Mode is currently off. The heat pump can operate at full performance.
	SILENT MODE: ON	Indicates that Silent Mode is currently active. The heat pump will run at reduced capacity to minimise noise.
	MODE: COOL	The heat pump will cool the water when the current temperature is above the target temperature.
	MODE: HEAT	The heat pump will heat the water when the current temperature is below the target temperature.
	MODE: AUTO	The heat pump will automatically heat or cool to maintain the target temp.
	TIMER SETTINGS	Adjust timer on/off & mute timer settings
	TROUBLESHOOTING	View errors
	MENU	Unfold or collapse the menu options
	CURVE	View recent temperature performance data, including inlet and outlet water temperatures over time.



Fig. 16: Main Menu

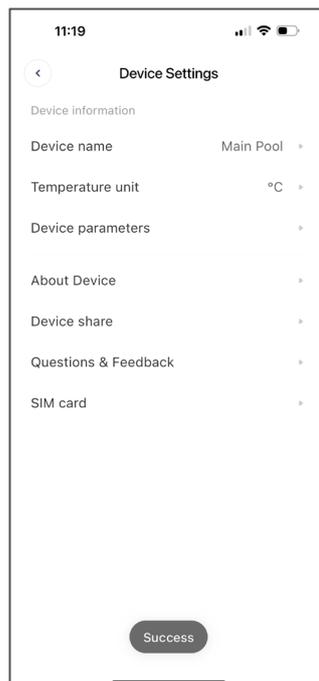


Fig. 17: Right-Hand Menu

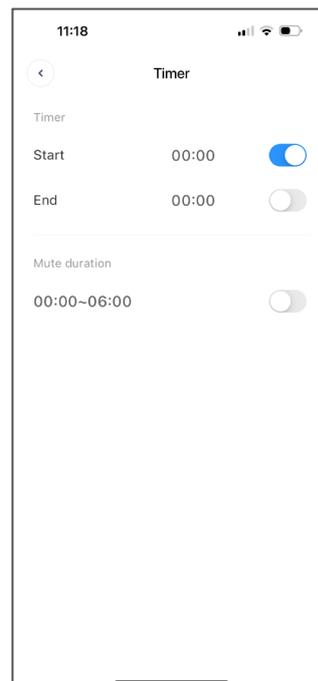


Fig. 18: Timer Settings

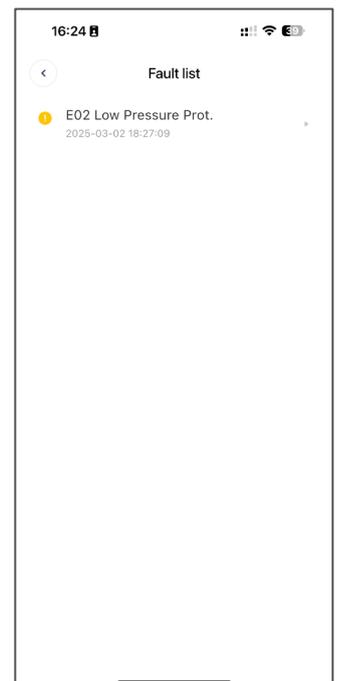


Fig. 19: Fault Records

Operating Features Explained



Operating Modes

Tap the Mode button to select one of the following operating modes:

Heating

- The heat pump will turn on when the current water temperature is below the target temperature.

Cooling

- The heat pump will turn on when the current water temperature is above the target temperature.

Auto

- The unit will automatically switch between heating and cooling as needed to maintain the target temperature.

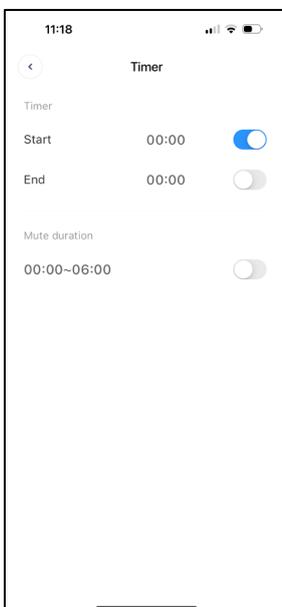


Silent Mode

Silent Mode reduces fan and compressor speed to minimise operational noise. Performance will be reduced during this mode.

You can activate Silent Mode in two ways:

- Manual: Tap the mute icon on the main interface.
- Timer: Use the timer settings to schedule Silent Mode during certain times (e.g. overnight).



Timers

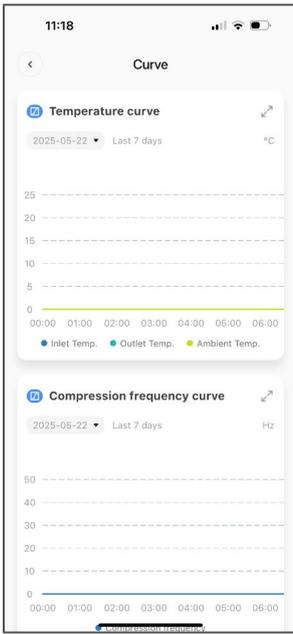
The timer function allows you to schedule operation of the heat pump and/or Silent Mode.

- Timer: Set a daily time window for the heat pump to operate.
- Mute Duration: Schedule Silent Mode to activate during selected hours.

Timers are based on a 24-hour clock format.

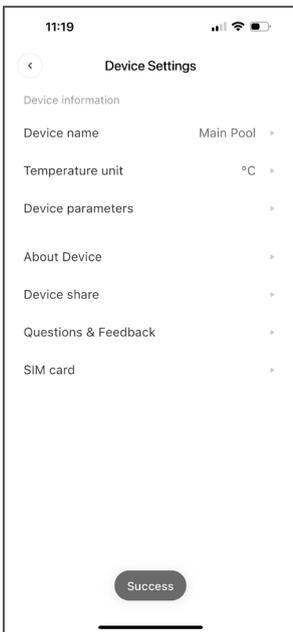
Note: Timers only function when water is circulating through the unit. If your heat pump is plumbed inline with the filtration system, timers must align with filtration cycles.

⚠ Important: We recommend using the standard Timer function only. **Avoid using the Cloud Timer**, as it does not update the timer settings on the heat pump itself. It simply sends an on/off command via the app, which may lead to unexpected operation.



Temperature Curve

The temperature curve screen displays recent performance data, including water inlet and outlet temperatures over time. This can be useful for monitoring system behaviour and confirming performance trends.



Device Settings

Tap the menu icon to access the user settings. From here you can:

- Rename your heat pump in the app
- Share access with another user (they must have the AquaTemp app and a registered account).
- Shared users will be able to view and control the device from their own phone.



Fault Records

When a fault occurs, an alert will appear on the main screen. Tap the alert to view a list of any recorded faults. You can tap on a listed fault to view additional details or suggested actions.

6. Connection Troubleshooting

If at any point during the process you experience trouble connecting, ensure that:

- Ensure that you are connecting to a 2.4GHZ network, not a 5GHZ network. If you are unsure, contact your network provider.
- Ensure you are not connecting to a Wi-Fi booster or extender; connection must be made to the modem directly.
- All permissions (Bluetooth, Location & Camera) have been enabled for the app to function.
- During the initial setup process, sit close to your heat pump to ensure a strong connection.
- Check signal strength and distance between the heater and the modem is not more than 10m. If possible, try moving your modem closer to test the connection.
- Try using a different mobile device with a different software version to ensure you have no compatibility issues.

If you are still unable to connect, contact EvoHeat's tech support on 1300 859 933 or service@evoheat.com.au for assistance.