THERMANN™
SMART ELECTRIC

INSTALLER'S MANUAL

Smart Electric Water Heater

Note: For full functionality, you must have power supply and Wi-Fi reception at the water heater's location.

Download the Thermann Control App for water heater configuration, scheduling & mode selection.

Models

250THMW124 | 250THMW130
315THMW124 | 315THMW130

Note – an 'H' at the end of the model number indicates that the water heater has been pre-fitted with a hard-water anode (available in all models).

IMPORTANT SAFETY INFORMATION

WARNING – THIS APPLIANCE MAY DELIVER WATER AT HIGH TEMPERATURE. REFER TO THE PLUMBING CODE OF AUSTRALIA (PCA), LOCAL REQUIREMENTS AND INSTALLATION INSTRUCTIONS TO DETERMINE IF ADDITIONAL DELIVERY TEMPERATURE CONTROL IS REQUIRED.

WARNING – FOR CONTINUED SAFETY OF THIS APPLIANCE IT MUST BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

This water heater is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the water heater by a person responsible for their safety.

Children should be supervised to ensure they do not interfere with the water heater. Ensure animals are supervised so they do not interfere with the water heater

DO NOT STORE CHEMICALS OR FLAMMABLE MATERIALS, OR SPRAY AEROSOLS NEAR THIS WATER HEATER.

DO NOT STORE ANY FLAMMABLE OR COMBUSTIBLE MATERIALS ON OR WITHIN 1 METRE OF THE WATER HEATER.

DO NOT PLACE ARTICLES ON OR AGAINST THE WATER HEATER

DO NOT MODIFY THIS WATER HEATER.

DO NOT OPERATE THE WATER HEATER WITH ANY PANELS OR COVERS REMOVED.

If the water heater is not used for two weeks or more, a quantity of hydrogen (which is highly flammable) may accumulate inside the water heater tank.

To dissipate this gas safely it is recommended that a hot tap be turned on for several minutes at a sink, basin or bath, but not a dishwasher, clothes washer or other appliance.

During this procedure there must be no smoking, open flame or any other electrical appliance operating nearby. If hydrogen is discharged through the tap, it will probably make a sound similar to air escaping

RELIEF VALVE:
The Pressure & Temperature Relief (PTR) valve must be installed directly into the RP½" (DN15) socket marked "RELIEF VALVE".

The valve must not be tampered with or removed. The water heater must not be operated unless this valve is fitted and in working order.

The drain line from the PTR Valve must be installed in a continuously downward direction in a frost-free environment.

IMPORTANT SAFETY INFORMATION

The PTR Valve is to be operated regularly to remove lime deposits and to verify it is not blocked. The drain line fitted to the PTR Valve must be left open to the atmosphere.

DANGER: FAILURE TO OPERATE THE PTR VALVE EASING LEVER AT LEAST ONCE EVERY SIX MONTHS MAY RESULT IN THE WATER HEATER EXPLODING. CONTINUOUS LEAKAGE OF WATER FROM THE VALVE MAY INDICATE A PROBLEM WITH THE WATER HEATER.

The PTR Valve should be checked by a licensed tradesperson for adequate performance, or replaced at intervals not exceeding 5 years, or less in areas where local regulations apply.

It is normal for water to drip from the drain line fitted to the PTR Valve during heating cycles.

Continuous leakage of water from the PTR Valve may indicate a problem with the water heater. This may be caused by excessive water supply pressure, a faulty PTR Valve or a faulty thermostat.

Turn off the water heater and contact Customer Service

- 1300 412 612 (Australia);
- 0800 081 909 or contact your local Reece branch (New Zealand).

OVER-TEMPERATURE ENERGY CUT-OUT:
The operation of the over-temperature energy cut-out indicates a possibly dangerous situation. Do NOT reset the over- temperature energy cut-out until the water heater has been serviced by a licensed tradesperson.

ELECTRICAL SAFETY:
This water heater is designed for single phase 230 - 240V A.C. supply only. The electrical connection must comply with Local Supply Authority Regulations and AS/NZS 3000 (known as the Wiring Rules). A means for disconnection must be incorporated in the fixed wiring in accordance with the Wiring Rules.

Any electrical covers should be removed only by a licensed tradesperson, and only after the electrical supply to the water heater has been isolated.

When the supply wiring has been connected, ensure the wires are kept lower than the terminal block.

Excess wire is not to be looped close to the thermostat or tank.
In addition to the Pressure & Temperature Relief Valve, electric storage water heaters are fitted with a combination thermostat and over-temperature energy cut-out.

Where applicable, if the supply cord is damaged, it must be replaced by the manufacturer, a Dux service agent, or similarly qualified persons in order to avoid a hazard.

IMPORTANT SAFETY INFORMATION

This device must not be tampered with or removed. Replacement of this device must only be carried out by a licensed tradesperson or the manufacturer.
The water heater must not be operated unless this device is fitted and in working order.

The Smart Electric water heater should never be powered by an extension lead.

COLD WATER CONNECTION:
The water heater is intended to be permanently connected to the water supply main, and not connected by a hose-set.

This water heater is designed for direct connection to water supply pressure up to 800 kPa.

Where the mains pressure can exceed or fluctuate beyond this pressure, a pressure reducing valve must be fitted in the cold-water inlet supply.

Instructions explaining how the water heater can be drained can be found on page 5.

INSTALLATION REQUIREMENTS

IMPORTANT - your Wi-Fi signal must be able to be received at the water heater location. It is possible that you may require Wi-Fi extenders. If you can't receive Wi-Fi at the water heater's location, you may be able to connect with a temporary hot spot, but you will only be able to schedule operation and not benefit from the full functionality. Full functionality requires a Wi-Fi connection at the water heater's location.

General:
This water heater must be installed by a licensed tradesperson, and in accordance with:

- In Australia, the Plumbing Code of Australia (PCA). The products comply with the lead-free requirements of the national construction code, Volume Three;
- In New Zealand, Clause G12 of the New Zealand Building Code (NZBC);
- AS/NZS 3000 Electrical Installations (known as the Australian / New Zealand Wiring Rules); and
- Local authority regulations.

Outside Australia and New Zealand, please refer to local plumbing and building codes and regulations.

Failure to comply with these requirements may affect the warranty.

IMPORTANT SAFETY INFORMATION

AS/NZS 3500.4 Plumbing and Drainage – Heated Water Services provides a Deemed-to- Satisfy Solution for the PCA and a Verification Method for Clause G12 of the NZBC. Other methods of compliance are available. Dux recommends that installations conform with AS/NZS 3500.4.

Note for Victoria:
This water heater must be installed by a licensed person as required by the Victorian Building Act (1993).

Only a licensed person will provide a compliance certificate, showing that the work complies with all the relevant Standards. Only a licensed person will have insurance protecting their workmanship.

Pool Heating:
This water heater must ***not*** be used for pool heating.

Location:
The water heater should be located as close as possible to the most frequently used hot water outlet.

Ensure the compliance plate and associated warnings are clearly visible. The water heater must be accessible without the use of a ladder or scaffold. Adequate clearance must be available for service to the element, thermostat, relief valve and anode. All models are equipped with a sacrificial anode, allow half of the height of the water heater to provide access through the top cover.

Electric storage water heaters may be installed indoors. A properly drained safe tray must be installed where property damage could occur from water spillage. Refer to AS/NZS 3500.4 for further information.

Refer to local regulations before installing the water heater in a roof space.

Water Heater Support:
The water heater must be installed on a flat, solid supporting surface. The pipe-work must not be used to support the water heater.

Where the water heater is subjected to wet conditions, a plinth should be installed under the water heater.

CONTENTS

Specifications and materials may change without notice.
Effective for all Thermann Smart Electric Water Heaters manufactured and sold after 1st April 2024.

PLUMBING CONNECTIONS

Relief Valve:
The Pressure & Temperature Relief (PTR) Valve is supplied in a carton/bag attached to the water heater.

Discard the packaging containing the PTR Valve and brass plugs.

The PTR Valve rating depends on the size of the water heater. See Specifications on page 4 for details.

The PTR Valve rating is also shown on the compliance plate. The PTR Valve must be installed directly into the RP½" (DN15) socket marked "RELIEF VALVE" at the top of the water heater. Ensure that a sealing material is applied to the PTR Valve to prevent water leaks.

The drain line from the PTR Valve must be made of copper and run-in accordance with the requirements of AS/NZS 3500.4. It must be installed in a continuously downward direction in a frost-free environment.

The PTR Valve and its drain line must not be sealed or blocked. Generally, a separate drain line must be run for the valve although it may be joined with the drain line from the expansion control valve under certain circumstances.

The PTR valve must be insulated with the PTR insulation supplied with the heater.

Care must be taken when attaching pipe saddles to the water heater. Self-drilling screws no longer than 12 mm are recommended.

It is normal for the valve to leak a small amount of water during heating cycles.

The PTR Valve is not intended to enable connection of the water heater to supplementary energy sources such as solar panels or slow combustion stoves. Refer to AS/NZS 3500.4 for guidance on these types of installations.

Hot Water Connection:
The hot water pipe is to be connected to a RP¾" (DN20) socket marked "OUTLET" at the top of the water heater.

On dual handed models, the unused socket marked "OUTLET" is to be plugged with one of the brass plugs supplied. Ensure that a sealing material is applied to the brass plug to prevent water leaks.

It is recommended that all hot water pipes are insulated. Hot water pipes installed outdoors should be insulated with UV stabilised insulation.

Plastic pipes or fittings shall not be used within 1 metre of the outlet although they may be used downstream of a temperature control valve.

Refer to AS/NZS 3500.4 for further details.

PLUMBING CONNECTIONS

Temperature Protection:
Water heaters can produce very hot water. To reduce the risk of scald injury, it is mandatory under the requirements of AS/NZS 3500.4 that an approved temperature control device is fitted to the hot water supply to outlets used primarily for personal hygiene. This device should be checked at regular intervals to ensure its operation and settings remain correct.

Water Supply:
This water heater has been manufactured to suit the water conditions of most Australian and New Zealand metropolitan supplies.

Please note certain water supplies can have a detrimental effect on the water heater and its life expectancy. If you are unsure about the water supply, you can obtain information from the local water supply authority.

The water heater is designed for use in areas where the Total Dissolved Solids (TDS) content of the water supply is less than 2500 mg/L. The Tank Failure Warranty does not apply in areas where the TDS exceeds 2500 mg/L.

In areas where the TDS exceeds 600 mg/L, it is possible the magnesium alloy anode (supplied in standard water heaters) may become over-reactive. To alleviate this, a hard water model is recommended, or the magnesium alloy anode should be replaced with an aluminium alloy anode. Aluminium alloy anodes are available from your local Reece Branch.

The pH level of water supply should be between 6.5 to 9.5. Outside of this range, warranty is void.

Water can also be very corrosive or scaling, the measure of this is the saturation index. If the water saturation index is greater than 0.40, an expansion control valve should be fitted. The tank failure warranty does not apply if the saturation index of water is greater than 0.80 or less than -1.0. Please consult Customer Service

- 1300 412 612 (Australia);
- 0800 081 909 or contact your local Reece branch (New Zealand).

PLUMBING CONNECTIONS

Cold Water Connection:
The water heater is intended to be permanently connected to the water supply main, and not connected by a hose-set.

An approved isolating valve, non-return valve, line strainer (optional but recommended) and union must be fitted between the water supply main and a RP¾" (DN20) socket marked "INLET" at the bottom of the water heater. See the diagram on page 4 for details.

On dual handed models, the unused socket marked "INLET" is to be plugged with one of the brass plugs supplied. Ensure that a sealing material is applied to the brass plug to prevent water leaks.

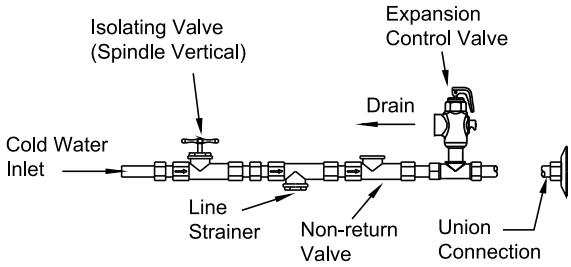
All fittings must be approved by the relevant Authority. Plastic pipes or fittings shall not be used between the isolating valve and the inlet.

Water Supply Pressure:
This water heater is designed for direct connection to water supply pressures of up to 800 kPa.

Where the mains pressure can exceed or fluctuate beyond this pressure, a pressure reducing valve must be fitted in the cold-water inlet supply.

Note for New Zealand, South Australia and Western Australia: It is a requirement in these locations that an expansion control valve be fitted on the cold water supply line between the non-return valve and the water heater.

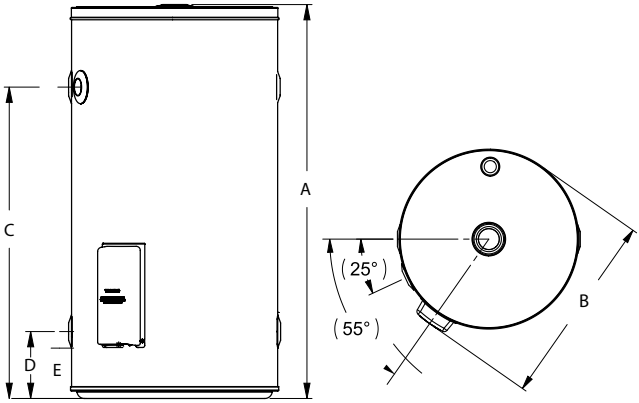
Cold Water Connection Diagram:



Note: a combined isolating valve/non-return valve/line strainer may be used.

The expansion control valve is only required where local regulations demand, although it is recommended in areas where the water saturation index is greater than 0.40.

SPECIFICATIONS



MODEL		250L	315L
Specifications:			
Storage Capacity	Litres	259	321
Hot Water Delivery	Litres	250	315
Net Weight Empty	kg	72	93
Element Size (Single Element)	kW	2.4, 3.0	2.4, 3.0
Relief Valve Pressure	kPa	1,000	1,000
Relief Valve Temperature	°C	99	99
Relief Valve Power Rating	kW	10	10
Nominal Dimensions:			
Total Height (A)	mm	1445	1765
Diameter (B)	mm	620	620
Outlet Height (C)	mm	1210	1530
Inlet Height (D)	mm	195	195
Element Cable Entry* (E)	mm	140	143
Connections	Deg	90°	90°

FILLING AND DRAINING

Filling the Water Heater:
The water heater must be filled with water before turning on the electrical supply.

1. Open all hot water taps.
2. Open the isolating valve at the cold-water inlet slowly and allow the water heater to fill until water flows through the system.
3. Close each hot water tap after the air is expelled from its line.
4. Open the Pressure & Temperature Relief Valve for approximately 10 seconds by lifting the easing lever on the valve. Confirm water is relieved to waste through the relief valve drain pipe.
5. Lower the lever gently and check it closes correctly.

Draining the Water Heater:
1. Turn off the electricity supply to the water heater.
2. Turn off the cold-water supply to the water heater at the isolating valve.
3. Gently operate the easing lever on the Pressure & Temperature Relief (PTR) Valve to release the pressure in the water heater.
4. Disconnect the cold-water inlet union and attach a drain hose to the water heater.
5. Gently operate the easing lever on the PTR Valve to let air into the water heater and allow water to escape through the hose.

ELECTRICAL CONNECTION

General:
This water heater is designed for single phase 230 - 240V A.C. supply only. The electrical connection must comply with Local Supply Authority Regulations and AS/NZS 3000.

Connection of the electrical wiring must only be carried out by a licensed tradesperson.

Connections are made at the terminal block under the water heater electrical cover. A means for disconnection must be incorporated in the fixed wiring in accordance with the Wiring Rules.

Where applicable, if the supply cord is damaged, it must be replaced by the manufacturer, a Dux service agent, or similarly qualified persons in order to avoid a hazard.

Removing the Electrical Cover:
Before removing the electrical cover, ensure the electrical power supply is safely isolated. The power supply to the water heater must be completely disconnected at the meter board before attempting to open the element cover. Turning off the water heater from the App is not sufficient to prevent exposure to live parts and potential electrocution.

The electrical cover is removed by undoing the two screws at the bottom of the cover and sliding the cover downwards to disengage the top edge.

Status Lights:
The status lights in the Wi-Fi module can be interpreted using the following legend.

Green LED: ON/OFF = ECO Mode ON/OFF

Red LED: ON/OFF = Element ON/OFF

Blue LED: (ON/OFF/ BLINK) = Connected to Wi-Fi/OFF/Pairing Mode active

Connections:
The cable entry is a pre-punched hole designed to accept a 20 mm conduit gland. It is located adjacent to the terminal block.

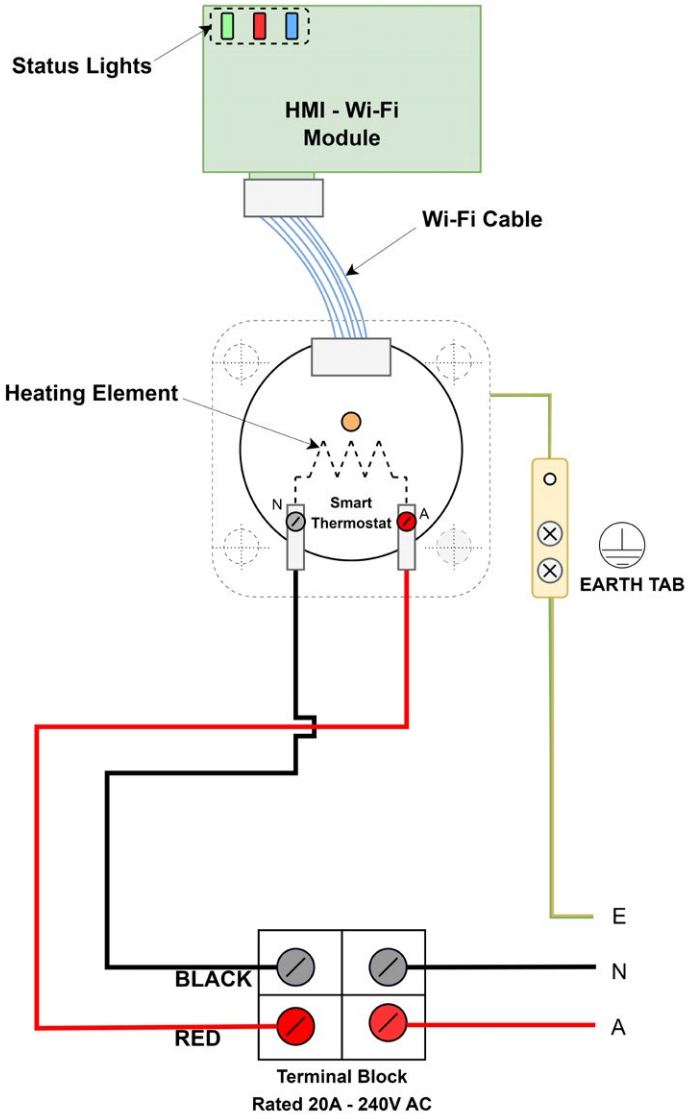
To prevent damage to the wiring, the cable entry must be fitted with a gland prior to feeding the wiring through the hole. Ensure the conduit entry is sealed correctly.

Connect the active and neutral wires to the terminal block and the earth wire to the earth tab (located on the right-hand side). Excess wire is not to be looped close to the thermostat or tank.

Replacing the Electrical Cover:
1. Slide the cover up, ensuring the top edge engages under the case.
2. Swing the cover down until the bottom edge contacts the case. Ensure the terminal block mounting plate is below the pins located inside the cover.
3. Refit & tighten both screws in the cover.

Ensure the water heater is filled with water before turning on the electricity supply.

WIRING DIAGRAM



WATER HEATER MODES

The Thermann Smart Electric storage water heater can be programmed to run in various modes based on the requirements of the user. The following are the various modes and features available for the water heater. These modes are only available through the Thermann Control App.

MODES

Manual

This is the default mode for the water heater and will heat the tank to 65°C, just like a conventional electric storage water heater. In this mode, the user can set the temperature by single degree increments from a recommended minimum of 50°C up to a maximum of 70°C. A higher stored water temperature will provide more hot water but consume more energy.

Warning: If the temperature is set too low, whilst you will maximise savings, you may run out of hot water.

Holiday

This mode can be used when the water heater is not expected to be used for a long duration. This will help to save energy for periods of planned non-use. A return date can be set to turn on the water heater on the day prior to your return ensuring hot water will be available. An anti-bacterial cycle will run each week in holiday mode to ensure that the water is stored hygienically. The user will be notified when the water heater starts the anti-bacterial cycle. Please note that notification permissions must be granted through the Thermann Control App for this feature to work.

If the water heater is not used for two weeks or more, a quantity of hydrogen may accumulate. Refer page i for safe displacement.

Schedule

The Thermann Smart Electric water heater can be scheduled to operate only during specified times of the day. This mode can be used to program the water heater so its operation coincides with economical Time of Use (TOU) tariff periods or to consume PV solar generation, maximising your savings.

Please note that scheduling the water heater to only heat at particular times may increase the risk of running out of hot water. If you are regularly running out of hot water, you will need to allocate additional hours for heating.

Any changes to scheduling must be saved, or the water heater will default to previously programmed settings.

Note: Ensure a schedule is set for each day you want the water heater to operate.

Eco

In this mode, the Thermann Smart Electric water heater will learn your hot water usage pattern and automatically adjust the allotted heating times and the temperature set points to save energy and lower usage charges. You cannot manually adjust the temperature in this mode.

Turn On/Off

The water heater can be turned off using the power button on the App whilst still being connected to a power

WATER HEATER MODES

supply. The antibacterial cycle will remain active. The water heater needs to be turned on using the same button from within the App. This may allow the user to participate in demand control tariffs. For planned vacations it is recommended to use holiday mode.

Antibacterial Cycle
The antibacterial cycle is to prevent legionella formation in the water. The cycle is triggered to heat the stored water to 62°C for 32 minutes every 7 days if the stored water temperature is below 62°C.

This will happen regardless of the mode the water heater is set to. The cycle will commence on the 3rd day of the first week that the water heater has been installed, if the temperature of the stored water has not been set to 62°C or above.

When water is stored at 62°C or above, the antibacterial cycle will not activate. The water heater may (if necessary) do an antibacterial heating cycle, 6hrs after power supply is turned ON or restored.

Warning - 1: Please note that turning off mains power and turning it back on will not change any saved settings. The settings can only be changed through the Thermann Control App.

Warning - 2: The power supply to the water heater must be completely disconnected at the isolation switch or meter box before attempting to open the element cover. Turning off the water heater from the App is not sufficient to prevent exposure to live parts and potential electrocution.

See the table below for a broad guideline on the best mode for you. For a more customised advice about modes, temperature settings and schedules, scan the QR code on the next page.

MODES	Which mode do I use?
Manual	Use Manual mode if your water heater is on a “controlled load” (only getting power supply to the heater at particular times of the day, typically at night). You could save on electricity cost by running the water heater at lower temperatures down to 50°C.
Schedule	Use Schedule mode if you have Solar PV or if you are on a “Time of Use” tariff. A “Time of Use” tariff is when you have different tariffs at different times of the day.
Eco	Use Eco mode if you don’t have a solar PV system and you are on a flat rate tariff. It will learn your usage and optimise its operation.
Holiday	The holiday mode can be used when hot water is not expected to be used for extended periods.

THERMANN CONTROL APP

When setting up the Thermann Control App, you will have a 5 minute Wi-Fi pairing window when first powering on the water heater.

If this is not completed within the first 5 minutes, the water heater power supply must be turned off and back on to restart the 5 minute Wi-Fi pairing window.

The Thermann Control App gives you unprecedented control over the operation of your water heater.

To download the App, access the Thermann Optimsation Calculator to discover how to get the best out of your water heater, scan the QR code below.

Alternatively, you can search for "Thermann Control" in the App Store or Google Play Store.

After downloading, follow the steps described in the setup guide.

IMPORTANT - your Wi-Fi signal must be able to be received at the water heater location. It is possible that you may require Wi-Fi extenders. If you can't receive Wi-Fi at the water heater's location, you may be able to connect with a temporary hot spot, but you will only be able to schedule operation and not benefit from the full functionality. Full functionality requires a Wi-Fi connection at the water heater's location.

WARNING: Please ensure that the water heater is filled with water before attempting to turn the water heater on and also prior to setting up smart features on your mobile device.

Minimum requirements for Wi-Fi connectivity

- Power supply to the water heater.
- Strong Wi-Fi network in 2.4Ghz bandwidth available for connection.
- Reliable internet connectivity and speed from the internet service provider.
- Operating system requirements on the mobile device - Android version 5.0 or Later, IOS version - 8.0 or later.

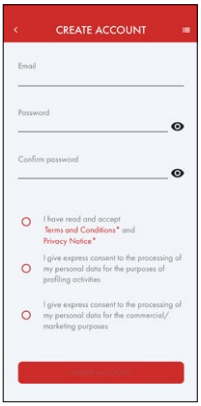
See the Owner's Guide for troubleshooting.

Setup guide

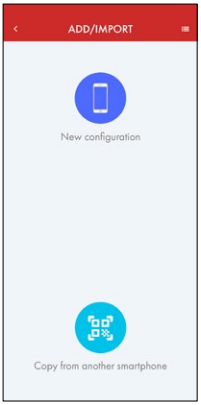
1. Install and open the "Thermann Control" App and select "CREATE ACCOUNT". Enter your email address and set the password for your user account. When prompted, please grant notification permission.

THERMANN CONTROL APP

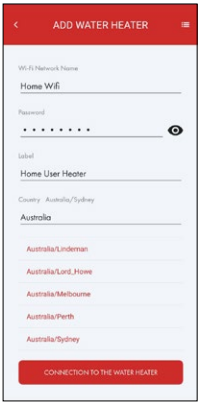
2. Review & agree to the App Terms & Conditions, Privacy Policy and select “CREATE ACCOUNT”. An email with an activation link will be sent to your registered email address.



3. Verify your account through the email verification link received.
4. Once verified, go to settings or notification bar on your mobile device and enable Wi-Fi, Bluetooth and Location.
5. Open the Thermann Control App and enter your credentials and select “SIGN IN”.



6. Select “New Configuration” for initial pairing. Choose the 2.4GHz Wi-Fi network you want the water heater to be added to and enter the password. Name your water heater and select country and region.

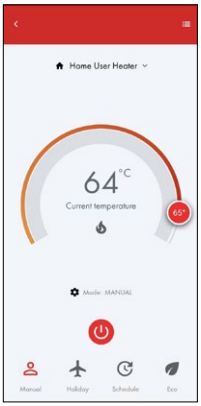


Poor Wi-Fi Signal:
In the instance of poor Wi-Fi signal, refer to page 14 of the Owner's Guide for instructions to set up a temporary hotspot

THERMANN CONTROL APP

WARNING: Please ensure that the water heater is filled with water before attempting to turn the water heater on and before setting up smart features on your mobile device.

7. Locate the isolating switch to the water heater and turn it ON. Please note that the initial power ON to the water heater will trigger a temporary Wi-Fi pairing mode which will remain active for only 5 minutes.
8. Check all the details entered in the "ADD WATER HEATER" page and select "CONNECTION TO THE WATER HEATER".

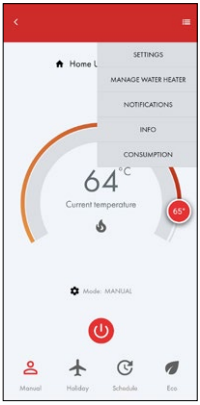


The water heater will be paired to the Wi-Fi network and added to your user account. This may take several minutes. Please ensure that the water heater is paired within the 5-minute pairing window. Any successive power OFF and ON will cause the water heater to enter pairing mode. However, it will revert to your saved network if no input has been received during the pairing mode. Note, the water heater cannot be controlled during the pairing window.

On successful pairing, the App will default to the home page, displaying a virtual temperature control dial in manual mode.

Note: The water heater must be installed within the Wi-Fi range. A Wi-Fi extender may be required incase of poor signal quality. Pairing may only be completed when the user is close to the water heater.

9. The default setting for the water heater is in manual mode and set to 65°C. The water heater is ready to use or an alternative mode can be selected. Any changes in the modes or settings can be done remotely provided you have internet connectivity and access to your user account.



THERMANN CONTROL APP

Additional Features; View Energy Use and Running Costs

10. (Optional) Go to the settings menu and select “CONSUMPTION”. Select settings “SET PRICE/ POWER”.

11. Enter price per KWh as per your bill from your electricity retailer, and enter the power of the water heater in watts (e.g. 3.0kW equates to 3000 watts). Power rating information can be found on the data label on the side of the water heater.

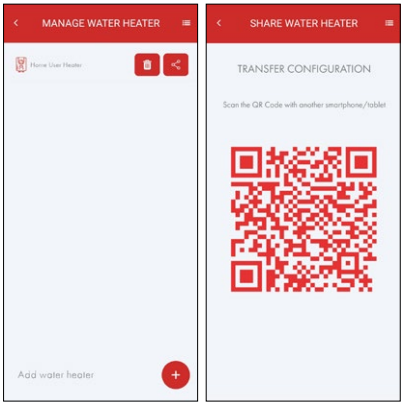
The consumption monitor may take several hours to update the displayed data logged and display graphs for consumption and price.

Note: Cost per KWh is in dollars so 25 cents would be 0.25.

Additional Features; Sharing Accounts for Multiple Users

12. If you need to share the control of the water heater to another device(s), download and install the Thermann Control App on the secondary device and follow steps 1 to 5. When prompted, select copy from smart phone.

    Now, go to settings on the primary device and select “MANAGE WATER HEATER”. Then select the "SHARE" button next to your listed water heater which you wish to share. A QR code will appear on the screen of your primary device which can be scanned by the secondary device to establish connection.



Warning: By sharing connection to a new device, you are giving full consent to manage your water heater. The manufacturer is not responsible for notifying the primary user if any change occurs in settings or modes of the water heater that may arise from shared access.

THERMANN CONTROL APP

Additional Features; Adding Additional Water Heaters

13. Multiple water heaters can also be added to your user account and managed under one account.

    Open the "Thermann Control App", sign-in to your user account and go to the settings menu and select "MANAGE WATER HEATER".

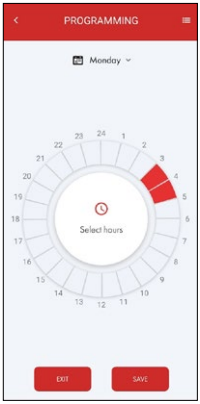
    Select "ADD WATER HEATER +" to add a new water heater. Follow pairing procedure steps from 6-9.

Additional Features; Scheduling Your Water Heater

14. When in Scheduling mode, you can set the times of day to heat the water. There is a choice of using a 12hr or 24hr clock. We strongly recommend use of the 24hr clock for simplicity.

    You must set the schedule for each day in the App. It does not copy the schedule across.

    It won't heat if a schedule is not set.



Change of Phone / Wi-Fi Router

If you have lost access to your mobile device or installed a new Wi-Fi router, you can initiate the pairing process by following steps 1-9.

Alternatively, settings from an existing user who is already connected can be shared with a secondary user.

ADDITIONAL FEATURES

T-Comfort Auto Setting

In the Schedule mode, the user can set a minimum water temperature value that they are comfortable with. The Thermann Smart Electric water heater will automatically heat to this temperature even if it is outside of the scheduled run time. This will ensure that the water temperature does not drop below the minimum setting when heating is not scheduled.

The T-Comfort setting can be accessed from the settings menu in the app. The adjustable range of T-Comfort auto is from 20°C to the set point temperature displayed in the main temperature adjustment dial of the Schedule mode.

T-Comfort Auto setting has no effect on Holiday mode or Turn OFF mode. Please note that this setting will interfere with the Schedule if the water temperature drops more than 8°C below the T-Comfort set point. If the user wishes to minimise interference with the Schedule, set the T-Comfort value to a minimum of 20°C.

Frost Protection mode

All Thermann Smart Electric water heaters are equipped with a frost protection feature to prevent the heater from freezing up in extremely cold weather conditions.

The water heater must have a power supply for this feature to work. If the water temperature drops to 5°C, the water heater will start heating to warm up the water to 16°C.

This feature ensures that the water heater is protected from freeze damage, even in the Holiday or Turn OFF mode.

HANDOVER TO THE CUSTOMER

Owner's Guide:

Ensure the customer receives the Owner's Guide supplied with the water heater.

Thermann Connect App:

The Thermann Control App gives you unprecedented control over the operation of the water heater. The app is used in conjuction with the water heater to set the operating mode and to deliver maximum running cost savings.

Multiple pre-programmed operating modes, including Schedule, Eco, Manual, and Holiday, can be selected to suit individual hot water requirements.

When setting up the Thermann Control App, you will have a 5 minute Wi-Fi pairing window when first powering on the water heater.

If this is not completed within the first 5 minutes, the water heater power supply must be turned off and back on to restart the 5 minute Wi-Fi pairing window.

Thermann Optimisation Calculator:

Visit www.thermann.com.au or scan the QR code below to access the Thermann Optimisation Calculator. This calculator will recommend which mode may best suit your circumstances.

Victorian Installations:

Ensure you provide the customer with a Compliance Certificate as required by the Victorian Building Act (1993). Also ensure you lodge the Compliance Certificate with the VBA within five days of completing the installation.

Packaging:

Dispose of the packaging and other transit protection responsibly using recycling facilities where they exist.

NOTES

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H0667 Rev. B