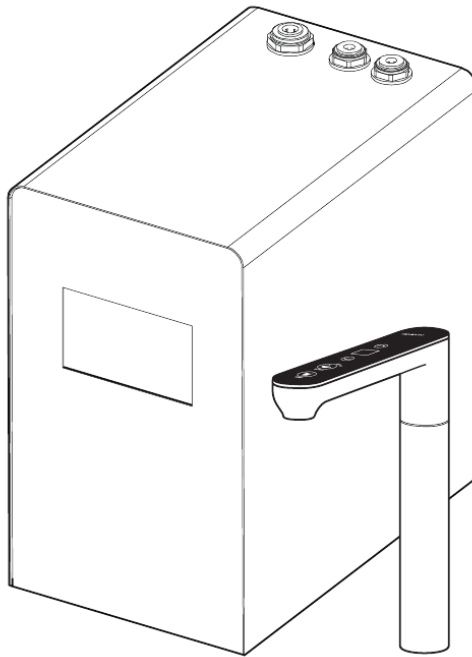


OSHONIC

ELEMENT 2

INSTALLATION & USER MANUAL

Under-Sink Touch-Control Hot / Warm Water Dispenser



Supplier reference model: LS5001365

ELECTRICAL CHECK | The supplied source manual specifies 110 V / 60 Hz. Confirm the actual unit rating with a qualified electrician before installation.

ABOUT THIS TRANSLATION

This English manual is adapted from the original instructions supplied with the product. Before installation, a licensed plumber and an appropriately qualified electrician must confirm the instructions, product suitability and compliance with applicable Australian requirements. OSHONIC is not responsible for work performed incorrectly by third parties or for damage caused by unauthorised modification or misuse, to the extent permitted by law. Nothing here limits rights under the Australian Consumer Law.

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1. Safety Precautions

The following notes are precautions intended to protect the lives and property of users and others during use. Please be sure to observe them.

■ To avoid disasters or damage caused by improper use, please be sure to observe the safety precautions below.

	WARNING	Content with this mark means “assumed to be potentially fatal or cause serious injury.”
	CAUTION	Content with this mark means “may cause injury or damage to property.”
		This mark indicates a prohibited item (“Do not”).
		This mark indicates a mandatory item that you must carry out.

WARNING

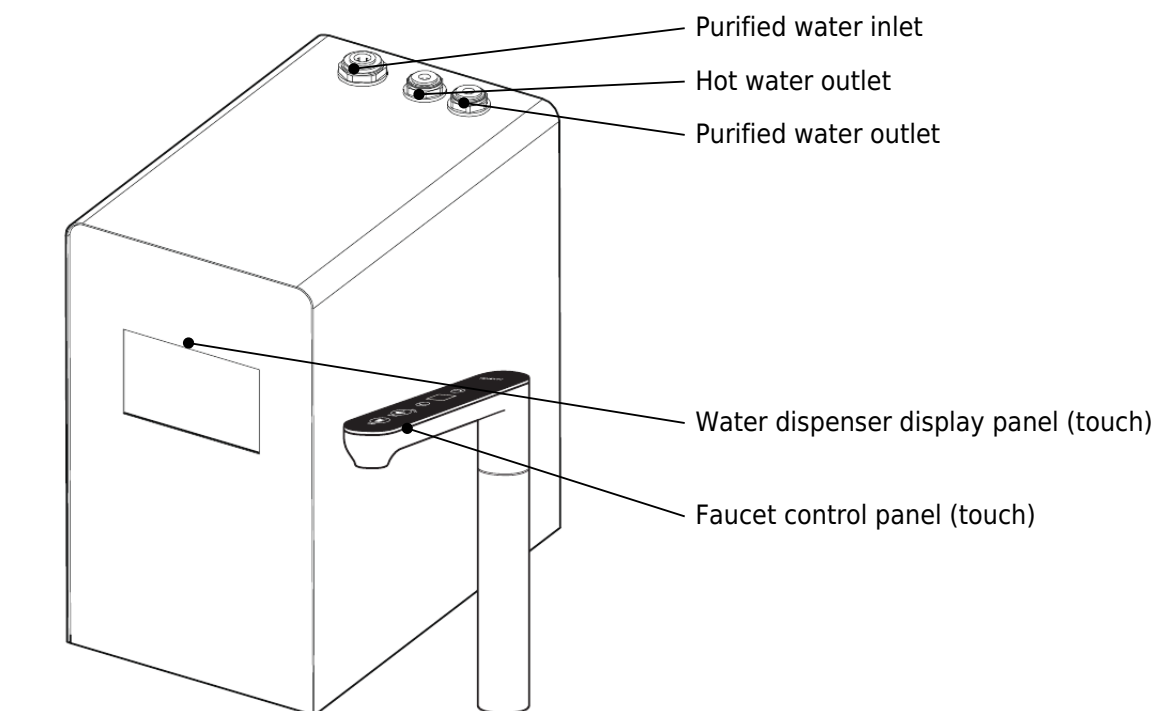
Do not use sockets or wiring outside the specifications. Do not use a power supply other than 110V. If multiple wiring circuits exceed the rated power, a fire can occur.		Do not pull on the power cord, and do not drag the product by the power cord.	
Do not use outdoors or in damp areas, and do not plug or unplug the power plug with wet hands. Otherwise an electric shock may result.		If any part of this product is missing, damaged or faulty, then to avoid danger it must be handled by the manufacturer’s repair department or a qualified professional. Do not operate or install this product yourself.	
Do not remove the earth (ground) connection. Do not modify the plug. Do not disassemble the main housing of the appliance or any electrical components.		If the appliance will not be used for a long period, turn off the water supply, switch off the power and unplug the plug.	
This product must be installed vertically. As shown on the front cover, the water outlet/inlet connections are on the top of the appliance. Make sure the front of the unit is visible and that the buttons can be reached and touched easily.		This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they are supervised or have been given instruction concerning safe use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.	

2. Part Names and Functions

Unpacking

Open the packaging and take out the manual, the top packing material and all accessories and documents inside. Take the whole unit out of the carton and remove the plastic bag. (Keep the outer packaging in good condition for future transport.)

Part names



Rear view

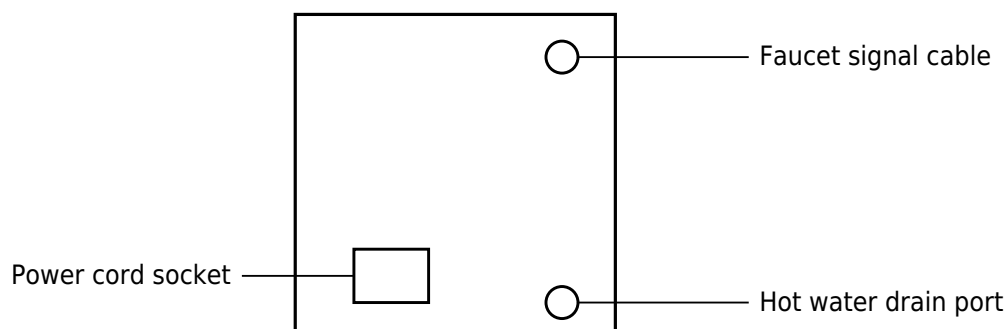


Illustration is a simplified schematic redrawn for this translation; refer to the product itself for exact appearance.

3. Technical Specifications

Packing list

Water heater × 1	Instruction manual × 1	Faucet × 1
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Specifications

Product name	Under-sink touch-control hot/warm water dispenser	Model	LS5001365	Output	6.5 L/h
Total rated power consumption	800 W	Rated capacity	2.3 L	Rated voltage	110 V
Applicable water source	Tap water	Rated water pressure	2-5 kgf/cm ²	Temperature range	45°C - 98°C
Rated frequency	60 Hz	Unit weight	5 kg	Place of origin	China
Product dimensions	W165 mm × D262 mm × H287 mm	Average hot water temperature (factory hot-water setting of this product)	93°C		

※ The maximum room-temperature water flow rate is 2.2 L/min. However, once the water in the storage tank has been used up, the tank must be refilled and reheated. Therefore, the output of 6.5 L/h shown on the specification label is calculated to include the time needed to refill and reheat the storage tank.

IMPORTANT: VERIFY ELECTRICAL RATINGS

The translated supplier specifications above state 110 V / 60 Hz. This is not the standard Australian mains supply. Do not connect a 110 V-rated appliance directly to an Australian mains outlet. An electrician must check the actual product nameplate and applicable electrical requirements before installation.

Product specification and documentation

Values and operating functions in the table above are taken from the original supplier document for reference model LS5001365. Installation must follow the specifications and approvals applicable to the actual OSHONIC Element 2 unit supplied. For compliance records and any updated technical documentation, contact OSHONIC directly.

4. Installation Instructions

Installation requirements

● Electrical requirements

- The power socket must be rated for a load of at least 15A and used exclusively for this product. The socket must be a three-hole type with an earth (ground) wire. If the socket has no earth hole, be sure to add an external earth wire.
- It is recommended to provide a separate circuit serving only your water heater, or to use a socket that can be switched on and off with a switch.
- This water heater is supplied with a power cord with a plug. To minimise the possible risk of electric shock, the power cord must be plugged into a matching earthed socket and earthed in accordance with all national and local codes and regulations. If there is no socket, the customer is responsible and obliged to have a qualified electrician install a correctly earthed socket.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

● Water supply requirements

- If local regulations permit, the faucet supply lines should be connected to the hot and cold water supply lines using an isolation valve or by other means, in order to supply hot and cold water to the faucet.
- Important: if local regulations do not permit the use of isolation valves, special supply valves can be purchased from your local dealer. If impurities, foreign matter, sand or gravel get into the water, the pipes of the water heater and faucet will become blocked and will no longer work properly.

● Environmental requirements

- Do not install this product outdoors or in a place where the temperature may fall below 0 degrees Celsius. Otherwise the pipes, faucet and heating tank will freeze, causing serious safety problems that may result in personal injury, accidents and damage, and [the warranty] will be invalid.
- Do not rinse the water heater directly with water.
- The installation environment should be well ventilated and out of direct sunlight. When installing the water heater, the sides of the unit should be at least approx. 10-15 cm from the wall, to help the product dissipate heat.

● Faucet information

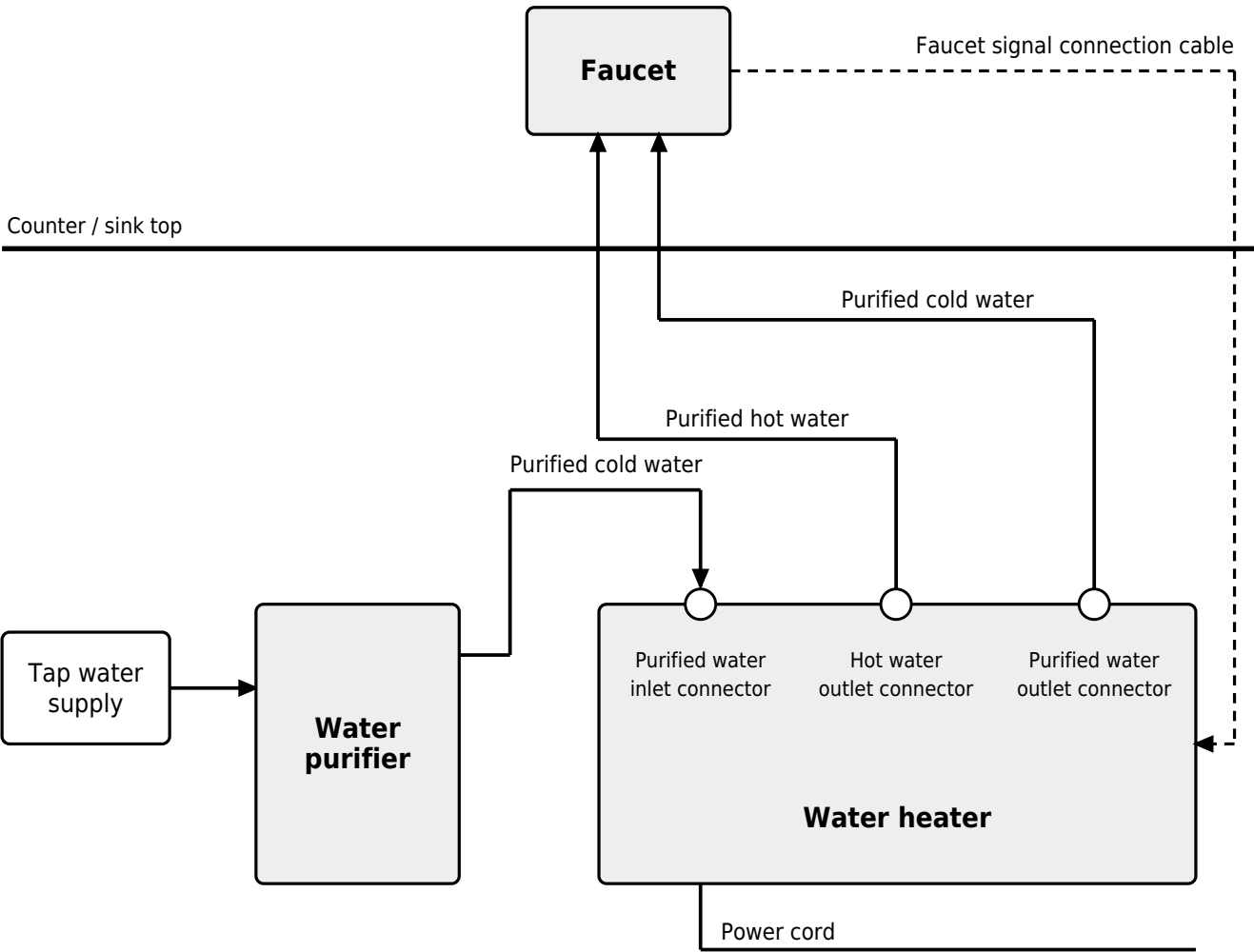
- Connecting a standard faucet may cause injury and damage the water heater, and will void the warranty.
- Because the water temperature is high, for safety reasons this water heater is indeed pressure-free, and is also of an open (vented) design.

● Water heater temperature adjustment

- For temperatures of 95°C and above: in the most common and typical known installations, the unit has been set for optimum performance. However, some factors may affect the performance of this product, such as the inlet water temperature, atmospheric pressure and altitude.
- If you experience water spitting during heating, you can compensate for this by lowering the setting by 1-2°C.
- If you have any doubts, please consult your dealer for further guidance.

4. Installation Instructions

Top-level installation diagram



Schematic redrawn for this translation; not to scale. The faucet is mounted on the counter and the water purifier and water heater are installed in the cabinet below.

4. Installation Instructions

1 Position the water heater

- Make sure the water heater is not connected to the power supply during installation.
- Put the water heater in place, and check that the faucet connecting pipes and the power cord can reach and will not be pulled.
- The position of the water heater must ensure that the pipes to the faucet inlet and outlet are not twisted or kinked.

2 Connect the faucet

- The water heater inlet connection is a 3-fen (3/8 in) quick-connect fitting for purified water; the outlet connectors are 2-fen (1/4 in) quick-connect fittings for hot water output and purified water output.
- Check the connection type and size of the faucet inlet and outlet connections.
- Insert the correct water pipes into the purified water outlet and hot water outlet fittings, and secure them with the clips.
- Connect the purified water and hot water inlet hoses to the faucet and the water purifier in the normal way.
- If the inlet water pipe pressure is higher than 5 bar, a pressure-reducing valve must be installed at the purified water inlet/outlet.

3 Start up and check watertightness

- Before the water heater is plugged into the power socket, a watertightness test must be carried out, with no leaks.
- Open the hot water button of the faucet so that purified water flows into the heater tank body.
- For first-time use, the whole refill process takes about 60 seconds.
- When the water heater is full, water will flow out of the faucet outlet.
- Close the hot water handle and check that all connections are watertight and free of leaks.
- Any connection that may leak must be pushed in firmly to make sure there are no leaks.
- Before connecting to the power socket, carry out the above filling and watertightness check again.

4 Electrical connection

- Make sure the installation area is dry and free of spilled water.
- Connect the plug to the power socket, then switch on the power socket at its switch.
- Press and hold the on/off button; the display panel of the water heater will light up completely.

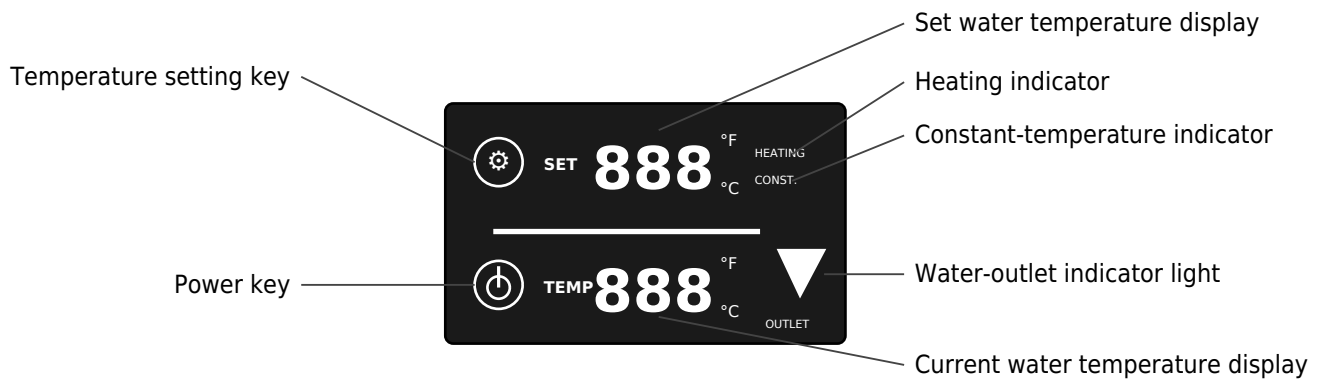
Installation complete

- Unlike other household under-counter water dispensers, for safety reasons this water heater is non-pressurised. There is no solenoid valve or mechanical valve above the faucet to control the water, forming an “open (vented)” system, so no pressure builds up inside the appliance.
- Important: install the faucet and the water heater according to the installation instructions provided, and comply with all local regulations and laws.
- The water heater must be installed upright and correctly. Before starting, choose a suitable location, preferably directly below or close to the faucet, to make sure the connecting hoses can connect the faucet to the water heater. The water heater has no pressure, so after pressing the button on the faucet, a slight delay in water flow is normal and indicates that the water heater is working properly. It is recommended to use a separate electrical circuit serving only your water heater. For more information on “electrical requirements”, please see the previous pages.

5. Operating Instructions and Usage

Product operating instructions

Water heater display panel



Key functions

Temperature setting key

- When powered on, short-press the setting button (0.5 seconds or longer).
- This icon is the temperature setting button. There are 14 preset temperatures, from 45°C to 98°C (45°C → 55°C → 65°C → 75°C → 85°C → 90°C → 91°C → 92°C → 93°C → 94°C → 95°C → 96°C → 97°C → 98°C, cycling in this order).
- When powered on, press and hold the setting button for 2 seconds or longer. This icon is then the cooling-and-reheating setting button. There are 4 preset temperature drops: -3°C, -5°C, -7°C and -9°C. A short press selects the self-setting mode; the software default is to drop by -5°C and then reheat.

Power key

- When the unit is off, press and hold the button for 1 second or longer to turn it on. When it is on, press and hold the button for 1 second or longer to turn it off.
- When powered on, press the power button FIVE TIMES rapidly (less than 0.5 seconds between presses) to clear the flow-meter count.
- When powered off, press and hold the temperature setting button and the power button together for 3 seconds or longer to display the current software version number.
- When powered on, press and hold these two buttons together for 3 seconds or longer to switch between °F and °C.

Set water temperature display

- This display shows the 14 preset temperatures.

Current water temperature display

- This display shows in real time the actual water temperature currently inside the heating bladder. It is also the error-code display.

5. Operating Instructions and Usage

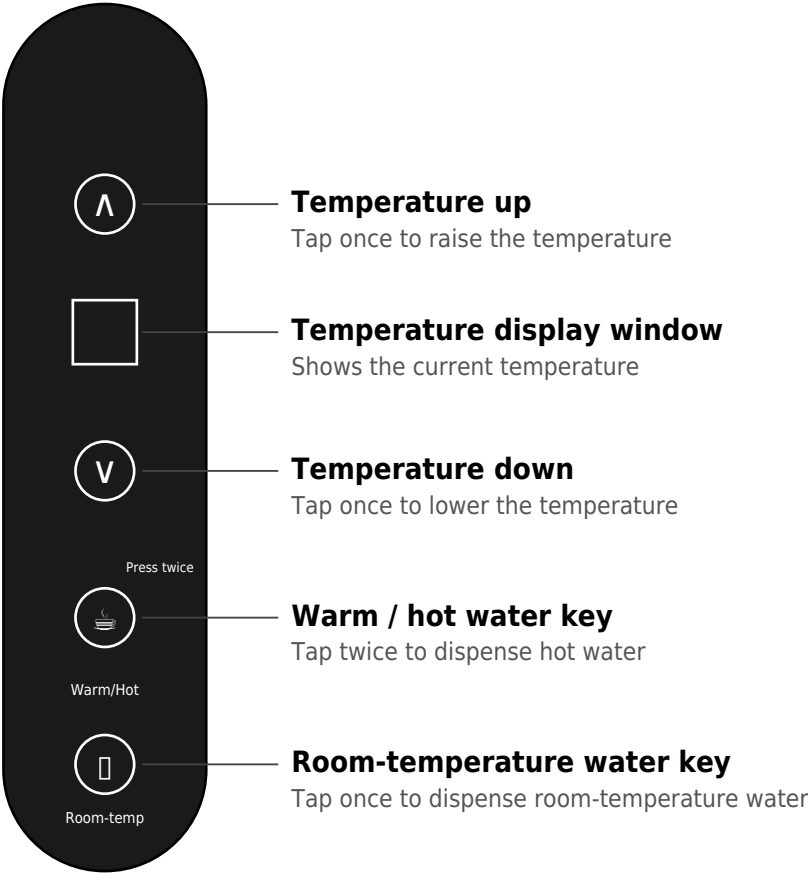
Heating indicator / constant-temperature setting

- When the “heating” indicator light goes out, the “constant temperature” indicator light comes on.
- At the same time, when the water heater is releasing hot water, the “heating” indicator light comes on.
- When the water heater is switched off, the “heating” indicator light goes out and the “constant temperature” indicator light comes on.

Water-outlet indicator light

- This icon is the indicator light for the water-dispensing status.

Faucet control panel



6. Maintenance Notes

Maintenance and care instructions

● Flushing the hot water tank

- Users are advised to flush the system thoroughly by draining the hot water and refilling with cold water, repeating this process 2 or 3 times.

● Water backflow and contamination in the hot water tank

- When refilling the heating bladder with water and when discharging hot water, users must always make sure that the faucet outlet is not submerged in water,
- to prevent dirty water from flowing back into the heating bladder.

● Maintenance and power saving

- If the water heater will not be used for a long time, i.e. for more than 2 days, we recommend that you use the “power key” to switch it off, in order to save electricity.

● Seasonal shutdown

- The hot water system (heater and faucet) must not be exposed to freezing temperatures. If this is likely to occur, the water in the system must be drained, the main power switched off and the unit unplugged from the power supply, and the water tank left to stand for at least 1 hour. When reinstalling, follow the original installation instructions.

CAUTION

To ensure maximum protection and to avoid any property loss or personal injury that may occur, the water heater should be inspected regularly for any leaks or damage. Regularly check for any signs of leakage, and if there is any leak, promptly replace any loose or cracked water pipes.

To provide additional watertight safety and avoid property loss, place the product within 2 m of an effective floor drain, so that water can drain away smoothly in the event of abnormal leakage.

7. Emergency Handling

Emergency response and servicing

01**Abnormal operation**

If the appliance behaves abnormally, switch it off and disconnect it from the power supply before any inspection.

02**Internal component failure**

Stop using the appliance. Contact OSHONIC or a suitably qualified, authorised service professional for inspection and repair.

03**Damaged power cord**

A damaged power cord must be replaced by the manufacturer, its authorised service agent or an appropriately qualified person to prevent danger.

04**Smoke or fire**

Where safe to do so, isolate electrical power. Do not dismantle the appliance or attempt repairs. Seek urgent professional assistance.

05**Unresolved fault**

Keep the appliance disconnected and contact OSHONIC or an appropriately qualified service professional for advice.

CAUTION | Service life and inspection

The original supplier document states a designed safe service life of five years. Components can deteriorate over time. Arrange appropriate inspection and maintenance rather than continuing to use a unit showing age-related damage.

8. Troubleshooting

If any of the following occurs, please check the following items before sending the unit for repair:

Problem	Cause	Solution
Water and steam spurt out of the faucet	The water in the heating bladder is boiling.	Press the hot-water button to dispense water. Lower the set temperature. Check the Venturi chamber for a blockage and ensure that trapped air can escape. Refill the heating tank and test again.
Water is not hot	The water heater has been unplugged.	Make sure the water heater is plugged into, and connected to, an earthed power socket.
	Power failure.	Make sure the circuit breaker and fuse are working properly. Switch the unit on again.
	The display panel of the water heater is not powered.	Switch on the power and touch the on/off button, then set the required temperature and confirm that it is heating.
Water is too hot	The water temperature set on the display panel is too high.	Reset the temperature to the required temperature and confirm that it is heating.
Water drips from the faucet outlet	Too little hot water has been dispensed for the Venturi chamber to generate sufficient negative pressure.	Dispense more than 1 L of hot water to activate the Venturi chamber. When dispensing stops, negative pressure draws water remaining in the outlet pipe back into the heating tank.
	The water outlet is blocked.	Remove and clean the aerator at the water outlet.
Water flows slowly from the water outlet	The filter element may be blocked by impurities in the inlet pipe. (The filter element is an accessory of a self-installed water purifier and is not included with this product.)	The source manual recommends replacing the filter every 6 months. Follow the installed purifier's specific filter schedule. The purifier/filter is not included with this product.
Water does not flow immediately	The water heater uses an open (vented), pressure-free design, so there will be a slight delay before hot water is dispensed each time.	After a large amount of hot water has been dispensed, there may be a slightly longer delay before water comes out of the faucet.

8. Troubleshooting

If any of the following occurs, please check the following items before sending the unit for repair:

Problem	Cause	Solution
No water flows out	The water inlet valve is closed.	Open all water inlet valves.
E3 - Float ball in the heating tank, water-inlet prompt - press the hot water button; E3 disappears after about 30-40 seconds of water output.	The water inlet pipe is kinked or blocked.	Make sure the pipes are not twisted or kinked, which would restrict the flow. Remove and clean the aerator. Take the water heater out and descale it following the descaling instructions, and flush all pipes to make sure the water flows freely.

▲ WARNING

The above fault detection and handling methods are provided only as repair guidance for professionals.

Users must not disassemble the machine themselves to carry out repairs.

If you have any questions, switch off the power to the water heater and call the service agent.

⚠ CAUTION

- This appliance is intended for household and similar uses, such as the following:
 - Staff kitchen areas in shops, offices and other working environments;
 - Farm houses;
 - By clients in hotels, motels and other residential-type environments;
 - Bed-and-breakfast type environments.
- Do not use at altitudes above 2,000 m.
- For indoor use only.
- For appliances connected to the water mains by a detachable hose set, use the new hose set supplied with the appliance; old hose sets must not be reused.

♻ Environmental disposal

Please help protect the environment!

Please remember to comply with local regulations: hand over discarded electrical equipment to a suitable waste disposal centre.

The packaging materials are recyclable. Please dispose of the packaging in an environmentally friendly way and use recyclable-material collection services.

Energy-efficiency test data are based mainly on tests at the product's factory water temperature setting of 93°C.

TRANSLATION & INSTALLATION NOTICE

This manual has been translated and adapted from instructions supplied by the original product supplier. It does not replace inspection of the actual appliance or professional assessment of site conditions. Have a licensed plumber and an appropriately qualified electrician verify plumbing, electrical supply, product ratings and regulatory requirements before installation. To the extent permitted by law, OSHONIC is not liable for damage or injury caused by incorrect third-party installation, misuse or unauthorised alterations. Australian Consumer Law rights and guarantees remain unaffected.