

WARRANTY

Wilson Industries Pty. Ltd. warrants this Boiling Water Unit against faulty workmanship or materials for the period detailed below. The warranty applies provided that the failure has not occurred due to incorrect installation, aggressive or corrosive water supply, excessive water pressure, accident, abuse, misuse, flood, fire, act of God or damage as a result of transportation or storage. Electrical components carry the respective manufacturers warranty, up to 12 months. The float valves generally do not carry a warranty.

The following items are specifically excluded from the terms of this warranty where damage and or faulty operation has been caused by,

1. Transport or storage.
2. Incorrect installation, faulty valve, connection to incorrect water supply. Pressure limiting and pressure relief valves must be fitted to inlet as per installation manual and warranty booklet.
3. Accumulation of sludge, sediments or foreign particles in the water supply, generally from unfiltered water supply such as dams ,bores, rivers etc.
4. Excessive water pressure.
5. Water quality exceeding the following parameters, pH 6.5 – 9.5, chloride 200mg/l, total dissolved solids 600mg/l, magnesium 10mg/l, total hardness 220mg/l.
6. Failure created by microbial (mic) corrosion/attack is not covered.

Wilson Industries Pty. Ltd.will,

For the period of 1 year after the date of purchase:

Repair or replace defective components or, at the discretion of Wilson Industries Pty. Ltd., provide a replacement unit, including the cost of labour to repair the unit. (See full details below)

For the period between 1 and 5 years after the date of purchase:

Repair or replace the tank, at the discretion of Wilson Industries Pty. Ltd.The cost of removal, refitting and transport of the unit will be the responsibility of the owner.

The above conditions, with regard to labour, apply within State Capital City metropolitan areas, as determined by Wilson Industries Pty. Ltd.. Outside these areas, the unit or parts are to be returned, unless otherwise arranged, to Wilson Industries Pty. Ltd.or a service agent nominated by Wilson Industries Pty. Ltd.. All freight and insurance charges are the responsibility of the owner. When making a warranty claim, it is the responsibility of the owner to provide proof of original purchase and the date of purchase.

The unit must be installed by appropriately qualified trades people in accordance with relevant standards and local statutory authorities regulations. Responsibility for repairs to the unit cannot be accepted unless authorisation to carry out repairs has been previously given by Wilson Industries Pty. Ltd.

Where a warranty claim has been made and it is found that the fault is not within the unit, all cost will be charged to the owner. The warranty does not extend to any consequential loss or damage which may be a result of the operation or non-operation of this unit, subject to any statutory warranty to the contrary.

Any unit or part replaced under warranty is not covered by a further full warranty but is covered for the remaining period of the existing warranty. This warranty does not exclude any condition or warranty implied by the Australian Consumer Law.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

NOTE: Plumbing Certificate of Compliance must be obtained to validate the warranty

wilson
HOT WATER

ELECTRONIC CUPPA

**15, 20, 25, 30, 45 and 60 Litre Models
Single and twin element models.**

(This booklet should be retained by the user of the unit)

INSTRUCTION MANUAL

- Operating Instructions
- Service
- Installation Instructions
- Warranty



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INSTALLATION INSTRUCTIONS

OPERATING INSTRUCTIONS

Please save this manual. It contains important safety and operating instructions.

The Electronic Cuppa boiling water unit features state of the art electronic temperature control which has been designed to give many years of reliable service. Please read the accompanying instructions carefully, to ensure trouble free operation.

DO NOT CONNECT POWER TO THE UNIT UNTIL YOU HAVE READ THE INSTRUCTIONS FULLY AND WATER IS AVAILABLE AT THE OUTLET TAP.

(If water is not available at the outlet tap, see the installation instructions).

Once the unit has been installed, and the water supply to the unit has been turned on it will take approximately 5 minutes until water becomes available from the outlet tap. Once water is available from the outlet tap, the power may be turned on. The power indicator will illuminate, indicating power is on.

Allow sufficient time for the unit to heat.

Approx time:	2.4kW	3 minutes per litre of storage.
	3.6kW	2 minutes per litre of storage.
	4.8kW	1.5 minutes per litre of storage.

Once the unit has boiled it is ready for use. To ensure no debris has entered the unit during installation it is advisable to drain the first fill, from the draw off tap. If the unit is not to be used for some time, it may be turned off. To restart the unit, simply restore the power. If it has been turned off for an extended period of time, it may be advisable to run off any water left in the storage tank before use to ensure that only fresh water is in the unit.

CAUTION: This unit produces boiling water. *Always* take care when dispensing water from the outlet tap.

READ WARNINGS BELOW BEFORE PROCEEDING

WARNINGS:

- *** FOR CONTINUED SAFETY OF THIS APPLIANCE IT MUST BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- *** DO NOT TURN POWER ON UNTIL WATER IS ABLE TO BE DRAWN FROM THE OUTLET TAP. SWITCHING THE POWER ON PREMATURELY MAY CAUSE DAMAGE TO THE HEATING ELEMENTS.
- *** MAXIMUM MAINS PRESSURE 800kPa FIT PRESSURE LIMITING VALVE 500kPa IF PRESSURE EXCEEDS THIS VALUE
- *** THE ELECTRONIC CUPPA IS OPEN VENTED VIA THE OVERFLOW PIPE. THE OVERFLOW PIPE MUST NOT BE SEALED OR BLOCKED AND MUST HAVE A CONTINUAL FALL TO THE POINT OF DISCHARGE
- *** INSTALLATION SHALL CONFORM WITH THE PLUMBING CODE OF AUSTRALIA (PCA) AND LOCAL REGULATIONS. NOT TO BE CONNECTED BY HOSE-SET. PERMANENT CONNECTION TO MAINS ONLY.
- ***AMBIENT OPERATING TEMPERATURE: MIN.3°C/MAX 45°C
- ***THERE ARE NO ACCESSORIES FOR MAINTENANCE

NOTE: THIS APPLIANCE IS NOT INTENDED FOR USE BY YOUNG CHILDREN OR INFIRM PERSONS WITHOUT SUPERVISION. YOUNG CHILDREN MUST BE SUPERVISED TO ENSURE THEY DO NOT PLAY WITH THE APPLIANCE.

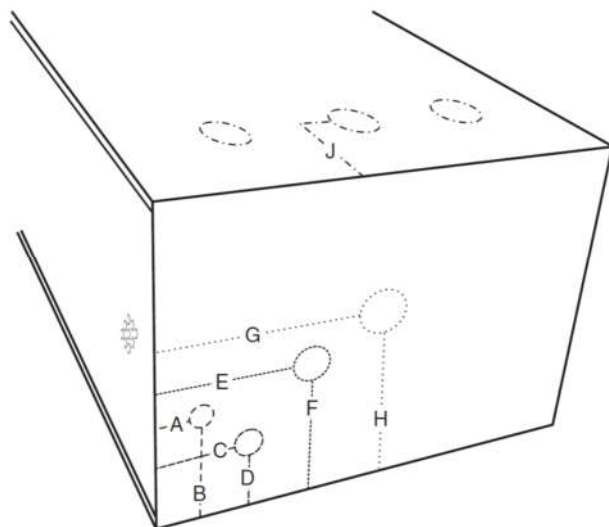
ALLOW 300 mm ABOVE AND 200 mm TO THE LEFT OF THE UNIT FOR SERVICE ACCESS.

1. Using the template supplied, mark position of keyholes in rear of the unit and attach fixing screws to the wall in the appropriate position. Hang the unit from the keyholes.

NOTE: Ensure that the wall and fixing screws are of sufficient strength to support the unit when filled (see chart showing approximate weights).

2. Connect cold water supply to the inlet fitting via a stop tap. Do not allow debris from pipe work to enter the unit as this may cause a blockage in the float valve. An inline strainer may be necessary if the water quality is poor.
3. Connect an overflow pipe to the overflow fitting and run to waste.
4. Fit the outlet tap to the outlet fitting.
5. Turn the water supply on. Check water is flowing from tap, it may take 5-10 minutes.
6. Connect unit to electricity supply and switch power on. Once the unit has boiled, drain water from the outlet tap to flush the system and to ensure the highest water quality within the unit.

FITTING POSITIONS FOR BOILING WATER UNITS



Nominal weight (full)	
Unit (litres)	Kg
15	29
20	35
25	41
30	48
45	65
60	82

MODEL (litres)		15 to 30	45 & 60
Electrical entry	A	20	15
	B	85	80
1/2" BSP M Inlet	C	50	40
	D	55	30
1/2" BSP M Overflow	E	125	115
	F	110	65
1/2" BSP M Drain	G	170	215
	H	85	170
1/2" BSP M Outlet	J	93	93

WARNING:
THERE ARE NO USER SERVICEABLE PARTS INSIDE UNIT.

SERVICE

Note: If the supply cord is damaged, it must be replaced by a Wilson Hot Water Service agent or similarly qualified person in order to avoid a hazard.

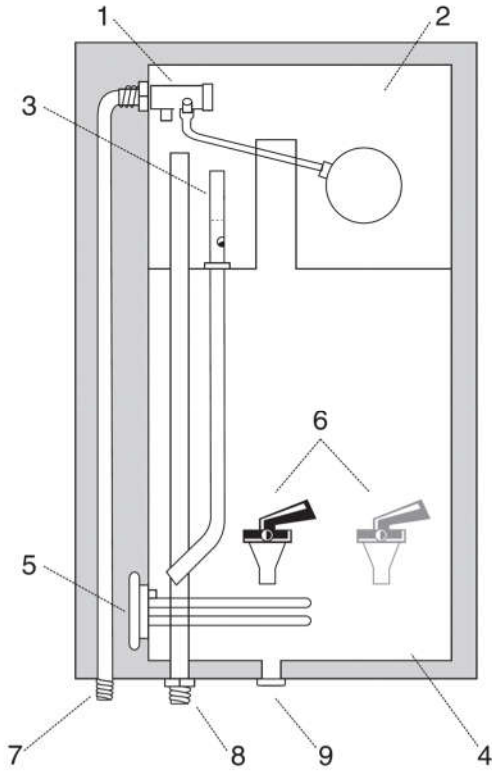
Where units are intended for connection to fixed wiring by a licensed electrician, provision must be made in the fixed wiring for isolation of the units in accordance with the Wiring Rules (AS/NZS 3000).

It is essential that this unit is serviced periodically to ensure reliable operation and the supply of high water quality. Depending on local water quality, annual service intervals should be adequate.

***We provide prompt, reliable and friendly service.
Trained specialists using only genuine parts.***

Please contact Wilson Hot Water Systems or your local agent for further information.

PARTS IDENTIFICATION



1. Float Valve
2. Cold Supply Tank
3. Controlled Entry Tube:

This tube must be inserted with the hole towards the bottom. The float level should be set by the line scribed half way up this tube.

4. Main Storage Tank
5. Element(s)
6. Draw-off Tap(s)
7. Cold Water Inlet
8. Overflow
9. Drain

NOTE: Models rated 3.6kW and 4.8kW are twin element units. 45 and 60 litre models are supplied with two outlet taps.

TROUBLESHOOTING

Should your Electronic Cuppa unit fail to operate normally, check the following:

1. If the unit delivers cold water:

Ensure power is connected to the unit (indicator light should be illuminated)

2. If no water is available from the outlet tap:

Ensure the cold water supply is connected to the unit and the cold water isolation valve has been turned on. If the water supply to the unit has been interrupted and the unit has been drained, it may take a few minutes for water to become available from the outlet tap once the water supply has been restored. Ensure that the cold water is entering through the controlled entry tube.

3. If the unit overflows:

Check the float valve washer and float, replace if required. Check, and if necessary, clean the float valve plunger.

4. Stale tasting water:

Drain the unit and allow to refill.

To maintain a high quality of water in this unit, the drain plug must be removed and the tank flushed every 6 months. Remember to turn the power off first and follow instructions.

If the unit will not operate normally after you have followed the above instructions, contact Wilson Industries Pty. Ltd. to arrange for a service call:

NO.	Code	Description
1	EL142B	Neon indicator light assembly
2	EL009E	Element 2.4kW & Gasket
3	EL009A	Element 1.8kW & Gasket
4	BR175A	Float
5	BR176	Float valve.
6	BR169	Float valve washer
7	BR177	Tap complete
8	BR177A	Tap top assembly.
9	BR177B	Tap washer
10	SU003	Seal cold tank.

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