



EBE Express Series

Automatic Under Bench Water Boilers

Installation and maintenance instructions

Please read prior to installation

WHAT'S IN THE BOX:

- 1 x EBE Express Boiling Unit
- 1 x EBE O1 Express Boiling Tap
- 1 x EB FM 350 kPa PLV
- 1 x EB 316 Brass fitting kit
- 1 x Boiling Water Warning Label

Important

This unit must be installed by an authorised plumber

The unit to be connected in accordance with AS 3500.4.1
or AS/NZS 3500.4.2

Do not turn on power to this boiler until water is flowing
from the tap

Please leave these instructions with the owner

Prior to installation

- Minimum Inlet Pressure 260 kPa
- We recommend the fitting of a water filter.
- Only teflon tape to be used where necessary. Under no circumstances is plumbing paste to be used.
- When fitting this unit in a cupboard of small proportions, please note that the unit does omit heat. If in doubt fit cross flow vents.
- Do not connect to the hot water line or the fire hydrant supply - to do so will void the warranty.

Product Information

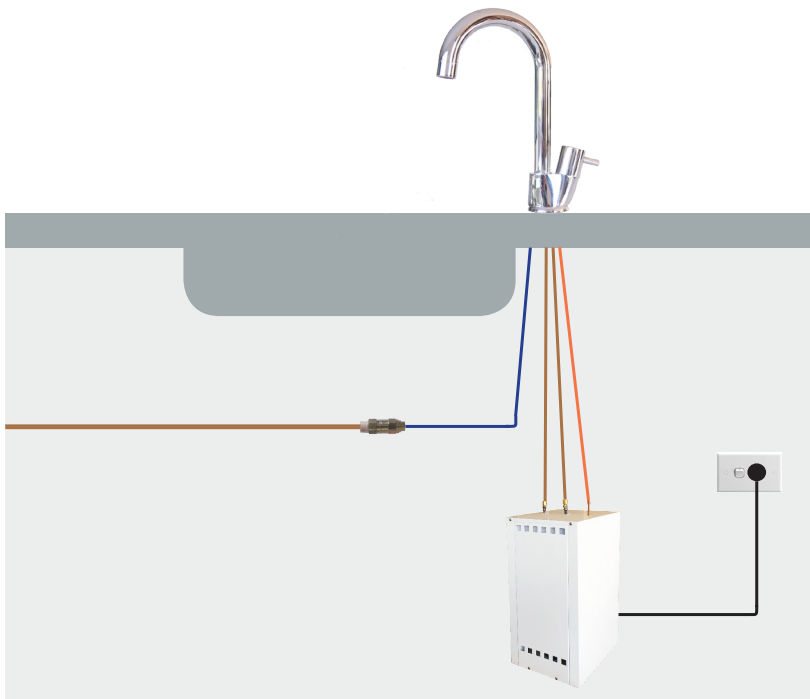
This unit is fitted with a computerised element and boil dry protection. The computer is set at 95 Degrees C, altitude will alter the boiling point.

- The 350 kPa Pressure Limiting Valve supplied must be fitted.
- If fitted with a filter, we recommend changing the cartridge every 12 months.
- The manufacturer recommends cleaning and servicing the unit every 24 months, or every 12 months in hard water areas.
- If the supplied power cord is damaged, it must be replaced by an electrician.
- The tap provided is a push through vented tap. After dispenser water the tap will continue to dispense water until the spout is empty. This ensure only water is dispensed each and every time.

Installation Instructions

- 1. Do not plug in the unit or turn on the power until the installation process is complete.**
2. Position the unit underneath the sink as close as possible to its outlet tap location.
3. Position the tap in the desired location; drill a 40mm hole and secure the tap firmly.
4. Observing the attached labels:
 - a. Measure and cut the pipes to the desired length. Do not lengthen the copper pipes under any circumstances.
 - b. Connect the 1/4" pipe from the tap to the boiler inlet.

- c. Connect the 5/16" pipe from the tap to the boiler outlet.
 - d. Connect the 1/4" pipe from the tap to the Mains water supply using the 350 kPa PLV and brass connectors supplied.
 - e. Push the end of the silicon tube on to the vent pipe of the unit.
5. All pipes and tubes must not be extended and require a continuous fall between tap and unit.
 6. Open tap until water is flowing from the spout.
 7. Once water flows out of the tap, plug in the unit to a standard 3 Pin 10 Amp Power Socket and switch on the power. Make sure the unit is positively earthed.
 8. After the power is turned on allow 20 minutes before testing and using.
 9. Check for leaks at all connections.
 10. Position 'Caution Boiling Water' label close to the tap to alert users to the water temperature.



Trouble Shooting

SYMPTOM	CAUSES	ACTION
Water overflowing from tap spout	Expansion chamber full	Run tap for 5-10 minutes
	Low inlet pressure	Contact water supplier
Excessive steam from tap	Faulty element	Replace element
Water not hot	No power supply	Check and test power supply
	Faulty element	Replace element
No water	Water has been turned off	Check mains water supply
	Blocked water filter	Replace filter cartridge



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