

Zip Econoboil[®]

On-Wall Instant Boiling Water System
3.0, 5.0, and 7.5 Litre Thermostat Controlled EB Models



Recovery rates

Capacity	Cups at a time	Recovery Cups/hr	Power Rating kW
3.0 litre	18	100	1.5
5.0 litre	30	145	2.4
7.5 litre	45	145	2.4

Features

Economical on-wall unfiltered instant boiling water system

Built-in patented technology for increased energy-efficiency:

1. Patented twin-chamber technology separates incoming cold water from boiling
2. Patented steam-heat-boost technology pre-heats incoming cold water

Two-way, cool-to-touch tap for easy and safe dispensing of boiling water

Push forward for filling cups, pull back to 'lock on' to fill pots hands-free

Simple to service, with single-port internal water tank access

**Patented technology for greater energy-efficiency;
twin-chamber and steam-heat-boost technology!**

On-Wall Instant Boiling Water System 3.0, 5.0, and 7.5 Litre Thermostat Controlled EB Models

Description

- Economical instant boiling water heater range.
- Patented twin-chamber technology separates incoming mains water from boiling tank so boiling water temperature is not compromised.
- Patented steam-heat-boost feature preheats mains water in the cistern prior to entry into boiling tank.
- Designed to maintain water within 1°C of boiling set point. Factory set to 98°C.
- Built-in temperature control that automatically cut off power supply in the event of temperature control failure, boil dry cut-out or a blocked vent pipe.
- Classic two-way tap control for precision filling of cups. Lifting tap locks ON for filling pots.
- Copper main tank with stainless steel cistern with provision for service access to the boiling chamber.
- Tontine insulation to minimise heat-loss.
- Thermal cut-out integral to heating element and thermal cut-out on vent tube.

Warranty

One year parts and labour warranty on both tank and heater.

Installation

A. Location

To be installed over a sink draining board or a bench top equipped with a portable or plumbed drip tray.
Tap outlet clearance to sink 200mm unless pot filling requires greater access.
Minimum service access clearance of 150mm above, 65mm to left, 20mm to right.
The vent within the case must discharge to a safe visible position as, under certain conditions, the vent may discharge cold or boiling water, and/or steam.
The vent pipe outlet must be connected via a tun dish to a 12.7mm OD copper vent pipe which has a continuous fall, is no more than 3 metres long and has no more than 3 right angle bends.

B. Electrical

To be connected to a 10amp GPO delivering 220-240V AC 50 Hz within 1500mm in accordance with current AS/NZS 3350 wiring regulations.
For concealed electrical connection, connect cable from the rear directly to internal terminal block.

C. Plumbing

To be installed by a qualified tradesperson in accordance with manufacturer's instructions and AS/NZS 3500 plumbing regulations.
Designed for direct connection to a potable cold water supply with minimum pressure of 70kPa; maximum 700kPa.
If static pressure exceeds 700kPa, a 350kPa pressure limiting valve must be fitted.
An isolating valve should be installed between the water supply and the system.
For concealed plumbing, connect inlet and vent pipes from the rear via 12.7mm capillary elbows as shown.
For exposed plumbing, connect inlet and vent pipes from the base of the case directly to 12.7mm compression fittings.

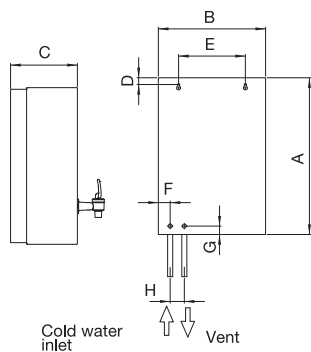
D. Caution

In some hard water areas where mineral scale accumulation can become a problem, consideration should be given to the maintenance required. A suitable form of water treatment may be necessary.

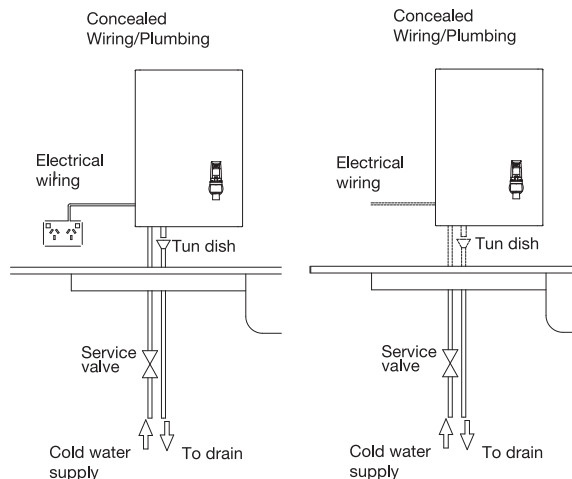
E. Accessories

- 99017 – Tun dish, wall mounted
- 99018 – Tun dish, sink mounted
- 99043 – Drip tray, portable
- 99056 – Drip tray, plumbed-to-waste

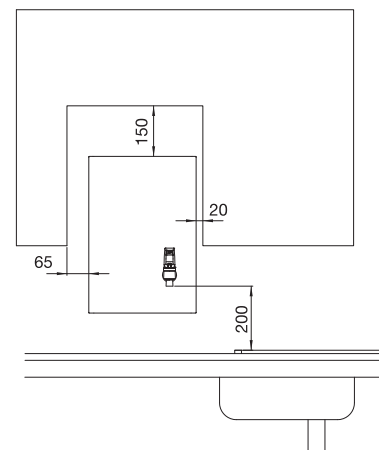
Dimensions (see table below)



Typical Installation



Minimum Clearances (mm)



Product Selection Chart

Product Details	Product Codes	Order Codes	Delivery cups [^] at a time	Recovery cups [^] p/hr	Energy Rating (kW)	Capacity	Dimensions (mm)							
							A	B	C	D	E	F	G	H
Econoboil 3.0 litre	EB003	03042	18	100	1.5	3.0L	431	289	180	20	198	35	25	42
Econoboil 5.0 litre	EB005	05042	30	150	2.4	5.0L	465	318	198	20	198	35	25	42
Econoboil 7.5 litre	EB007	07042	45	150	2.4	7.5L	578	318	198	20	198	35	25	42

[^]Standard cup size: 167mL