

Electronic Zip Hydroboil®

On-Wall Instant Boiling Filtered Water System
3.0, 5.0 and 7.5 Litre Electronically Controlled HBE Models



The most energy-efficient instant boiling water system yet.

Recovery rates

Capacity	Cups at one Time	Recovery cups/hr	Power rating kW
3.0L	18	100	1.5
5.0L	30	150	2.4
7.5L	45	150	2.4

Features*

On-wall instant boiling water system with energy-efficient power options

Five energy-saving features to dramatically reduce running costs:

- 1. Power-Pulse™** technology cuts standby power consumption dramatically. Cuts back to micro-pulse power during periods of light usage, or when unused. Also maintains stored boiling water temperature more precisely than ever before.
- 2. Sleep-mode feature** can be set to activate after 2 or 4 hours of non-use.
- 3. Sleep-when-it-is-dark feature** can be set to activate whenever the lights go off.
- 4. Programmable 24/7 on/off power clock** can disconnect power twice each day.
- 5. Patented steam-heat-boost system** recycles steam to pre-heat incoming water.

Simple to operate, and with more safety features than ever:

- a. Press lever** for safe filling of cups – start and stop the flow with great accuracy.
- b. Lift lever** to lock the flow “on” for hands-free filling of teapots and plungers.
- c. Safety lock** can be activated to require adult finger-and-thumb operation.
- d. Outlet** is positioned at base, closer to sink level for better view, better control.
- e. Display screen** signals when each filter change is due – no missed filter changes.
- f. 5-micron** fully encapsulated filter as standard for better-tasting water.

The most energy-efficient on-wall instant boiling water system yet!
Multiple energy-saving features can cut standby power usage by as much as 55%.

Electronic Zip Hydroboil®



Instant Boiling Water

On-Wall Instant Boiling Filtered Water System
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Description

- Cool-to-touch two-way tap with press lever for controlled dispensing, or lift lever to 'lock on' for filling larger vessels.
- Safety-lock mechanism can be activated with control panel indicator.
- Touch-panel function control for easy programming and system information.
- Unique Power-Pulse™ technology that 'pulses' only the minimal energy required to maintain optimal performance.
- Three power-saving programs: sleep mode, low light detection and a 24/7 clock.
- Choice of 5-micron or Sub-micron filtration to NSF/ANSI 42 and/or 53 industry standard with filter change display reminder.
- Variable boiling temperature control designed to operate between 68°C and 99°C (factory set to 98°C).
- Patented twin-chamber technology separates cold from boiling water and recycles steam-heat for greater efficiency.
- Stainless steel boiling chamber surrounded by moulded high temperature insulation.
- Simple-to-service dual tank ports and long life Incoloy sheathed element.
- Thermal cut-out integral to heating element and thermal cut-out on vent tube.

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.

**Refer to Zip Hydroboil Brochure for more information*

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.

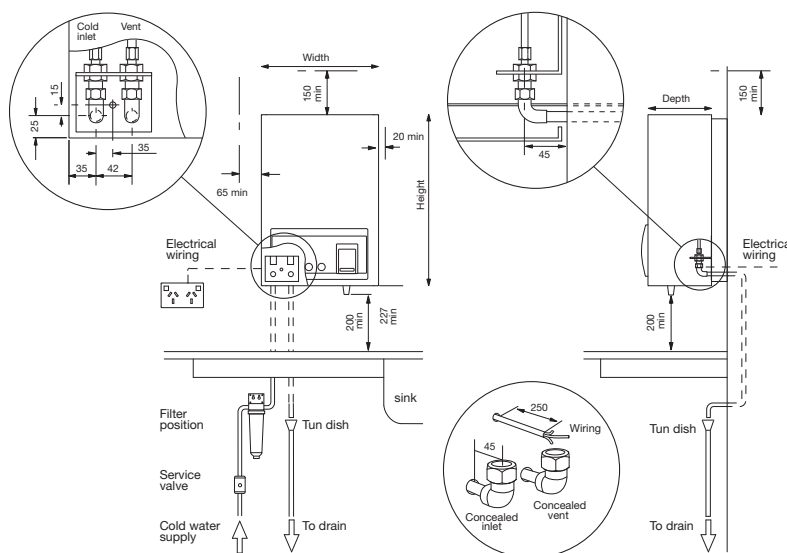
E. Accessories

- 99017 – Tun dish, wall mounted
- 99018 – Tun dish, sink mounted
- 99043 – Drip tray, portable
- 99056 – Drip tray, plumbed-to-waste
- 28002 – 5-micron replacement filter
- 28005 – Sub-micron replacement filter

Extended Warranty

Five year extended pro-rata warranty on tank;
two year parts & labour warranty on heater.

Typical Installation



Product Selection Chart

Product Details	Product Codes		Order Codes 5 Micron Filter		Order Codes Sub Micron Filter		Recovery Cups [^] at a time	Recovery Cups [^] /hr	Power Rating (kW)	Dimensions (mm) W x D x H
	White	S/Steel	White	S/Steel	White	S/Steel				
Hydroboil 3 litre	HBE6-003FT	HBE6-103FT	203065	203067	203064	203066	18	100	1.5	289 x 180 x 431
Hydroboil 5 litre	HBE6-005FT	HBE6-105FT	205065	205067	205064	205066	30	150	2.4	318 x 198 x 465
Hydroboil 7.5 litre	HBE6-007FT	HBE6-107FT	207065	207067	207064	206066	45	150	2.4	318 x 198 x 578

[^] Standard cup = 167mL