

Zip Hydroboil[®]

On-Wall Instant Boiling Filtered Water System
15.0, 25.0, 40.0 Litre Thermostat Controlled HB Models



Two-way cool touch tap



Recovery rates

Capacity	Cups at a time	Recovery Cups/hr	Power Rating kW
15.0 litre	90	150	2.4
25.0 litre	150	215	3.6
40.0 litre	240	360	6.0

Features

- Large capacity on-wall instant boiling water system
- Built-in patented technology for increased energy-efficiency:
 - Patented twin-chamber technology separates incoming cold water from boiling
 - 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
- Dual-port internal water tank access for easy servicing
- Suitable for all water areas, with stainless steel boiling tank
- Choice of 5-micron or Sub-micron fully encapsulated filters for better-tasting water

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

See installation instructions for full warranty details.



On-Wall Instant Boiling Filtered Water System 15.0, 25.0, 40.0 Litre Thermostat Controlled HB Models

Description

- Large capacity instant boiling filtered water heater.
- 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.
- Internal condensing system retains steam within the heater minimising energy loss.
- Classic two-way tap control for precision filling of cups. Lifting tap locks ON for filling pots.
- Choice of 5-micron or Sub-micron filtration to NSF/ANSI 42 and/or 53 industry standards.
- Stainless steel boiling chamber with service access ports top and bottom.
- Temperature controls automatically cuts off the power in the event of temperature control failure or boil dry situation.
- Remote telescopic tap positions available utilising optional remote tap kit.

Extended Warranty

Three year pro-rata warranty on tank; two year conditional warranty on heater; first year parts & labour, second year parts only.

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 in accordance with current AS/NZS 3350 wiring regulations.

15 litre models to be connected to a 10amp GPO, 220-240V AC 50 Hz within 1500mm. For 25 and 40 litre models, isolating switch in fixed wiring and attached to a secure surface is required within 1500mm of system. The switch must provide all-pole disconnection with contact separation of at least 3mm.

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

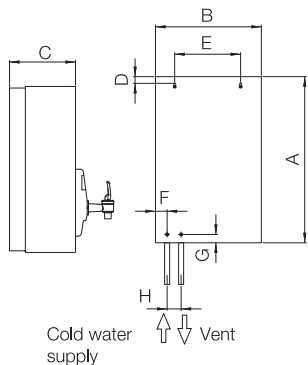
99002 – Stainless steel cup rack kit

28002 – 5-micron replacement filter

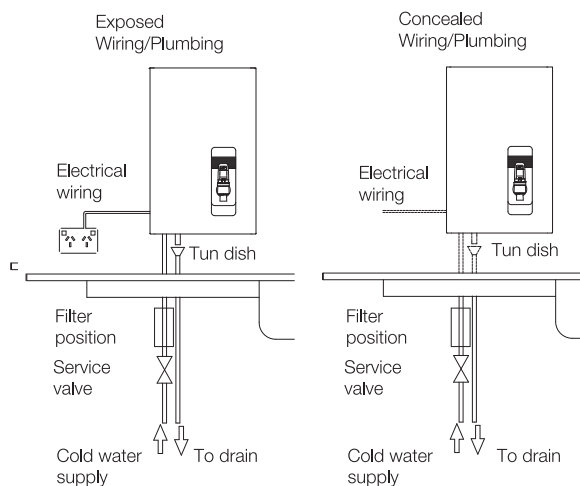
28005 – Sub-micron replacement filter

Note: See Zip On-Wall Instant Boiling Water Accessories data sheet for more accessories.

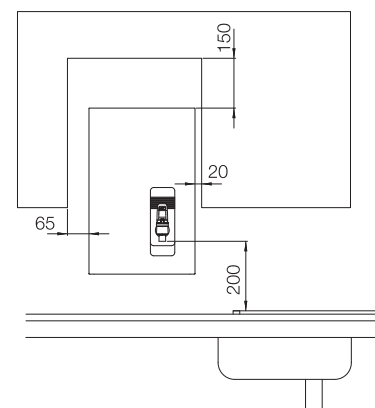
Dimensions (see table below)



Typical Installation



Minimum Clearances (mm)



Product Selection Chart

Product Details	Product Codes		S/Steel Order Codes		White Order Codes		Delivery cups [^] at a time	Recovery cups [^] /hr	Energy Rating (kW)	Dimensions (mm)							
	S/Steel	White	Sub Micron	5 Micron	Sub Micron	5 Micron				A	B	C	D	E	F	G	H
Hydroboil 15 litre	HB115FT	HB015FT	11066	11067	11064	11065	90	150	2.4	600	390	299	20	295	41	28	42
Hydroboil 25 litre	HB125FT	HB025FT	12066	12067	12064	12065	150	215	3.6	780	390	299	20	295	41	28	42
Hydroboil 40 litre	HB140FT	HB040FT	04066	04067	04064	04065	240	360	6.0*	840	515	284	20	420	41	28	42

[^]Standard cup size: 167mL *2 x 3kW elements