

# Zip Hydroboil<sup>®</sup>

Over-sink instant boiling water for busy kitchens

**1.5 to 40.0 litre models with classic tap**



## Features

Boiling water instantly for tea, coffee, cooking

Designed to operate within 1°C of boiling point

Pull down classic tap for precision filling of cups, locks 'ON' for filling pots

Top and bottom access ports provide easy total access

Choice of stainless steel or white enameled steel case

## Delivery rate

Up to 240 cups at a time

## Recovery rate

Up to 360 cups/hour

# Zip Hydroboil® Over-sink instant boiling water for busy kitchens

## Product Selection Chart

Zip Model	Product Code Case Finish		Capacity litres	Delivery cups at a time	Recovery cups per hour	Power rating kW @ 230V	Dimensions (mm) H x W x D
	S/Steel	White					
Hydroboil®	–	HS001	1.5	9	100	1.5	335 x 289 x 180
Hydroboil®	–	HS003	3.0	18	100	1.5	431 x 289 x 180
Hydroboil®	HS105	HS005	5.0	30	140	2.4	465 x 318 x 198
Hydroboil®	HS107	HS007	7.5	45	140	2.4	578 x 318 x 198
Hydroboil®	HS110	HS010	10.0	60	180	3.0	600 x 390 x 244
Hydroboil®	HS115	HS015	15.0	90	180	3.0	600 x 390 x 299
Hydroboil®	HS125	HS025	25.0	150	180	3.0	780 x 390 x 299
Hydroboil®	HS140	HS040	40.0	240	360	2 x 3.0	840 x 515 x 284

## Description

- Twin chamber instant boiling water heater
- Provides water within 1°C of boiling point
- Separates the cold water supply from the boiling chamber
- Internal condensing system retains steam within the heater
- Stainless steel boiling chamber with service access ports top and bottom
- Temperature controls automatically cut off the power in the event of temperature control failure, boil dry cutout or a blocked vent pipe
- High temperature thermal insulation with provision for service access to the boiling chamber
- Electronic temperature control
- Tap is cool to the touch when dispensing boiling water
- Ready-to-use status indicator and filter replacement status (if filter fitted) indicator
- Concealed plumbing and electrical connections

### Heating element

Long-life incoloy sheathed embedded rod.

### Thermostat

Capillary type.

### Boiling chamber

Crevice-free stainless steel chamber with removable stainless steel access ports top and bottom.

### Outer Case

Stainless steel or corrosion-resistant, white enameled steel.

### Insulation

Compressed high temperature insulation panels engineered for quick access to boiling chamber ports.

### Safety features

Thermal cutout integral to heating element; thermal cutout on vent tube.

### Approvals

WRAS and CE endorsed.

### Warranty

Two-year on site parts and labour. For full details of the Zip Warranty Scheme visit: [www.zipheaters.co.uk/warranty](http://www.zipheaters.co.uk/warranty).

## Installation

### Location

Should be installed over a draining board, or over a work top fitted with a drip tray – tap spout should be no higher than necessary to fill large pots.

Minimum tap height above draining board for on-wall maintenance is 200mm.

Leave minimum clearance of 150mm above, 65mm left and 20mm right.

Hanging and fixing screws supplied with wall plugs.

### Plumbing

Designed for direct connection to a potable cold water supply with a minimum pressure of 1 bar and a maximum pressure of 7 bar.

A pressure reducing valve must be installed if water supply pressure is likely to exceed 7 bar.

An isolating valve should be installed between the water supply and the heater.

For concealed plumbing connections, connect inlet and vent pipes from the rear via 15 mm capillary elbows.

For exposed plumbing connections, connect inlet and vent pipes from the bottom directly to 15mm compression fittings with nuts and olives provided.

### Venting

The vent 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 tundish to a 15mm copper vent pipe which has a continuous fall, is no more than 3 metres long and has no more than 3 right angle bends.

The bug screen supplied must be fitted to the end of the vent tube.

### Electrical

To be wired to a double pole fused spur, minimum break rating of 13 amp.

For concealed electrical connection, connect a fixed or flexible cable from the rear directly to the terminal block.

HS140/HS040 should be provided with their own dedicated supply.

Installation must comply with current IEE regulations.

### Caution

In some hard water areas where mineral scale accumulation can become a problem, consideration should be given to the maintenance required.

### Technical advice

Contact Zip on 0800 077 8302.

### Maintenance

Contact Zip on 01362 852244.

## Typical Installations

