



# Zip Hydroboil<sup>®</sup>

Over-sink instant boiling water  
for busy kitchens

**1.5 to 40 litre models with classic tap**



**Delivery rate**

Up to 45 cups at a time

**Recovery rate**

Up to 140 cups/hour

**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

01.03.07



			Capacity litres	Delivery cups* at a time	Recovery cups per hour	Energy rating (kW @ 230V AC)	Dimensions (mm)										
	s/steel	white					A	B	C	D	E	F	G	H	J	K	
Zip Hydroboil®	-	HS001	1.5 litre	9	100	1.5	335	289	180	20	85	95	198	35	25	42	
Zip Hydroboil®	-	HS003	3.0 litre	18	100	1.5	431	289	180	20	85	95	198	35	25	42	
Zip Hydroboil®	HS105	HS005	5.0 litre	30	140	2.4	465	318	198	20	85	95	198	35	25	42	
Zip Hydroboil®	HS107	HS007	7.5 litre	45	140	2.4	578	318	198	20	85	95	198	35	25	42	
Zip Hydroboil®	HS110	HS010	10.0 litre	60	180	3.0	600	390	244	20	85	95	295	41	28	42	
Zip Hydroboil®	HS115	HS015	15.0 litre	90	180	3.0	600	390	299	20	85	95	295	41	28	42	
Zip Hydroboil®	HS125	HS025	25.0 litre	150	180	3.0	780	390	299	20	85	95	295	41	28	42	
Zip Hydroboil®	HS140	HS040	40.0 litre	240	360	2x3.0	840	515	284	20	85	95	420	41	28	42	

\*Standard cup size: 167ml

- 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 incolloy 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

#### 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 200 mm

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 15 mm 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 15 mm 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

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 0870 608 8888

