

Over-Sink Instant Boiling Water

up to 45 cups at a time
Recovery rate – up to 140 cups/hour

Zip Hydroboil™

3.0, 5.0, 7.5 litre models

Boiling water instantly for tea, coffee, cooking

Designed to operate within 1°C of boiling point

Two-way tap provides fingertip control for filling cups and locks ON for filling pots

Choice of optional filtration systems

Top and bottom access ports provide easy total access

Stainless steel or white powder coated zinc seal case



Description

- Type: twin chamber instant boiling water heater
- Stainless Steel models HS105, HS107 or white powder coated zinc seal models HS003, HS005, HS007
- Capacity: 3.0, 5.0, 7.5, 10, 15, 25, 40 litre models
- Rating: 1.5kW (3.0 litres) 2.4kW (5.0 and 7.5 litres)
- Heating element: long life incalloy sheathed embedded rod type
- Thermostat: capillary type
- Boiling chamber: crevice-free stainless steel chamber with removable stainless steel access ports top and bottom
- Case: corrosion resistant white powder coated zinc seal
- 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: CE endorsed – WRAS approved

Sample specification guide

Zip Hydroboil model number designed to comply with the following specification

1. To be designed to contain water within 1°C of boiling point
2. To embody twin chamber technology separating the cold water supply from the boiling chamber
3. To retain steam within the heater by means of an internal condensing system
4. To have a stainless steel boiling chamber with service access ports top and bottom
5. To have inbuilt temperature controls that will automatically cut off the power in the event of temperature control failure, water supply failure or a blocked vent pipe
6. To employ high temperature thermal insulation with provision for service access to the boiling chamber
7. To provide for concealed plumbing and electrical connections
8. To be WRAS approved and CE endorsed

Dimensions

Model	A	B	C	D	E	F	G	H	J	K
HS003	431	289	180	20	163	95	198	35	25	42
HS005/105	465	318	198	20	163	95	198	35	25	42
HS007/107	578	318	198	20	163	95	198	35	25	42

Model	Cups@ one time	Recovery Cups/Hour	Capacity (Litres)	Rating (kW)
HS003/103	18	100	3.0	1.5
HS005/105	30	140	5.0	2.4
HS007/107	45	140	7.5	2.4

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 150 mm above, 65 mm left and 20 mm 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 15 psi and a maximum pressure of 100 psi
- A pressure reducing valve must be installed if water supply pressure is likely to exceed 100 psi
- 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 tun dish to a 15 mm 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
- The bug screen supplied must be fitted to the end of the vent tube

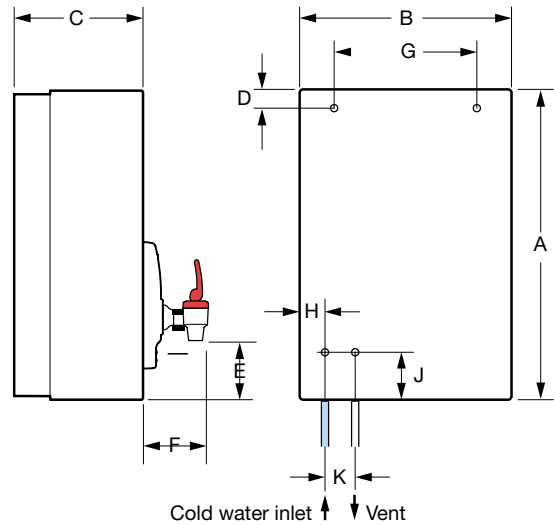
Electrical

- To be wired to a double pole fused spur, minimum break rating of 13 amps
- 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

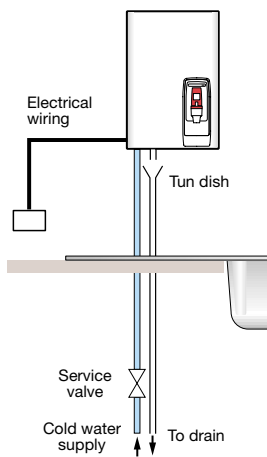
- In some hard water areas where mineral scale accumulation can become a problem, consideration should be given to the maintenance required. A suitable form of water treatment may be necessary
- For technical advice contact Zip on 0870 608 888

DIMENSIONS

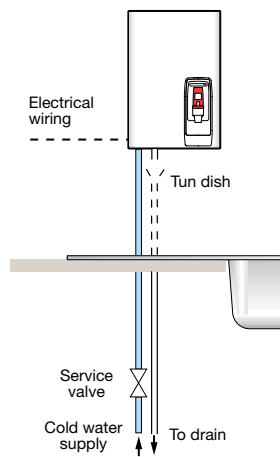


TYPICAL INSTALLATION

Exposed



Concealed



MINIMUM CLEARANCES

