

Zip Econoboil®

Over-sink instant boiling water for temporary buildings and short term tenancies

2.5 litre, 5.0 litre, 7.5 litre

	white	Capacity litres	Delivery cups* at a time	Recovery cups per hour	Energy rating (kW @ 230V AC)	Dimensions (mm)									
						A	B	C	D	E	F	G	H	J	K
Zip Econoboil®	HS403	2.5 litre	15	100	1.5	431	289	180	20	80	95	198	35	25	42
Zip Econoboil®	HS405	5.0 litre	30	140	2.4	465	318	198	20	80	95	198	35	25	42
Zip Econoboil®	HS407	7.5 litre	45	140	2.4	578	318	198	20	80	95	198	35	25	42

*Standard cup size: 167ml

- Single chamber instant boiling water heater.
- Copper boiling chamber
- Temperature controls that will automatically cut off the power in the event of temperature control failure, water supply failure or a blocked vent pipe

- Concealed plumbing and electrical

Heating element

Long-life incolloy-sheathed embedded rod

Temperature control

Electronic, PCB probe

Boiling chamber

Copper

Tap

Zip Classic Tap standard chrome-plated brass

Outer case

Corrosion-resistant white powder-coated zinc steel

Insulation

Aluminium backed Tontine

Access

Top access only — unit must be removed from wall for maintenance and descaling

Safety features

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

Approvals

WRAS Approved 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

Leave minimum of 150 mm above, 120 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 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

Precautions

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

