Zenith Autoboil®

On-Wall Instant Boiling Water System
1.5, 3.0, 5.0, 7.5 and 15, 25, 40 Litre Thermostat Controlled AB Models

Two-way cool touch tap

Zenith Autoboil

Features

- On-wall instant boiling water system in a wide range of sizes to suit any need
- Built-in patented technology for increased energy-efficiency:
  1. Patented twin-chamber technology separates incoming cold water from boiling
  2. 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
- Optional 5-micron or Sub-micron fully encapsulated filters for better-tasting water

Recovery rates

Capacity	Cups at a time	Recovery Cups/hr	Power Rating kW
1.5 litre	9	100	1.5
3.0 litre	18	100	1.5
5.0 litre	30	145	2.4
7.5 litre	45	145	2.4
15 litre	90	145	2.4
25 litre	150	215	3.6
40 litre	240	360	6.0

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

WaterMark Lic No. WMKA00099 AS3498 SAI-Global

Testing & Certification Australia Safety Certified

Testing & Certification Australia Safety EMC Certified

As Zenith's policy is one of continuous product improvement changes to specifications may be made without prior notice.

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Product Selection Chart

Zenith Model	Product Codes	Order Codes Sub Micron Filter	Delivery Cups* at a time	Recovery Cups* per hour	Energy Rating (kW @ 240V AC)	Dimensions							
	White	White				A	B	C	D	E	F	G	H
Autoboil 1.5 L	AB001	01652	9	100	1.5	335	290	110	20	200	35	25	42
Autoboil 3.0 L	AB003	03652	18	100	1.5	430	290	180	20	200	35	25	42
Autoboil 5.0 L	AB005	05652	30	145	2.4	465	320	200	20	200	35	25	42
Autoboil 7.5 L	AB007	07652	45	145	2.4	580	320	200	20	200	35	25	42
Autoboil 15 L	AB015	11652	90	145	2.4	600	390	300	20	295	41	28	42
Autoboil 25 L	AB025	12652	150	215	3.6	780	390	300	20	295	41	28	42
Autoboil 40 L	AB040	04652	240	360	6.0	840	515	285	20	420	41	28	42

*Standard cup size: 167ml ^2 x 3kW elements

Technical Features

- Great value instant boiling water heater range in a wide range of sizes.
- 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.
- 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 to top and bottom.
- Built-in temperature control that automatically cut off power supply in the event of temperature control failure, boil dry cut-out or a blocked vent pipe.
- High temperature insulation to minimise heat-loss.
- Thermal cut-out integral to heating element and thermal cut-out on vent tube.

Installation Requirements

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.

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.

Electrical

To be connected to a 10amp GPO delivering 220-240V AC 50 Hz within 1500mm in accordance with current AS/NZS 3350 wiring regulations. For concealed electrical connection, connect cable from the rear directly to internal terminal block.

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.

Accessories

99017NZ – Tun dish, wall mounted
99018NZ – Tun dish, sink mounted
99043NZ – Drip tray, portable
99056NZ – Drip tray, plumbed-to-waste
28002NZ – 5-micron replacement filter

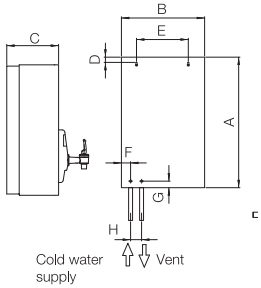
Warranty

Five year extended pro-rata warranty on tank; two year parts & labour warranty on heater.

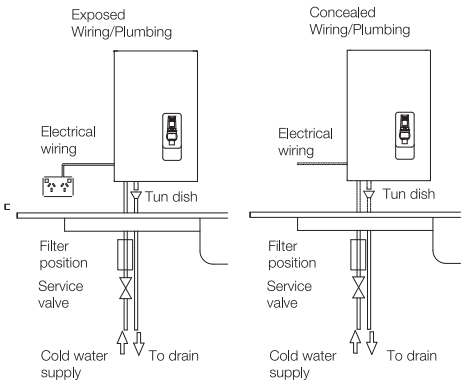
Technical Assistance

Contact Zenith Heaters Ltd
Unit 2/15 Moselle Avenue, Henderson
Auckland 0610
New Zealand
T: 0800 558 055
F: 0800 559 055
www.zenithheaters.co.nz

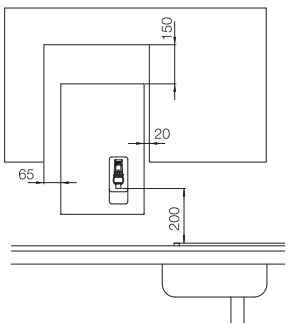
Dimensions (see table above)



Typical Installation



Minimum Clearances (mm)



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