

zenith^o
instant boiling water

Zenith Autoboil[®]

Thermostatically controlled
boiling water heaters

1.5 litre, 3 litre, 5 litre, 7.5 litre, 15 litre, 25 litre and 40 litre AB Thermostat Models



Recovery rate

| 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 |
| 15.0 litre | 90 | 145 | 2.4 |
| 25.0 litre | 150 | 180 | 3.6 |
| 40.0 litre | 240 | 360 | 6 |

Advantages

Simple to use, with two-way safety tap dispensing boiling water
Fingertip control for filling cups, locks ON to fill pots hands-free

Highly efficient, with patented twin-chamber boiling technology (patented steam-heat-boost preheats incoming cold water)

Suitable for all water areas, with stainless steel boiling tank

Easier to service, with dual-port internal water-tank access

Superior filtration accessory kit available with choice of 5-micron or sub-micron filter

Durable welded white steel case

Extended warranty: 3 years pro-rata on tank, 2 years conditional on heater (first year parts and labour, second year parts only)

Backed by the Zenith nationwide service network



See installation instructions for warranty details.
Zenith Spec Sheets Update: 010608

Features

- Great value instant boiling filtered water heater.
- Patented twin chamber technology separating the incoming cold water supply from the boiling chamber.
- Patented steam-heat boost feature pre-heats mains water in the cistern prior to entry into the boiling tank.
- Designed to maintain water within 1°C of set point. Factory set to 98°C.
- Stainless steel boiling chamber with service access ports top and bottom.
- Inbuilt temperature controls that will automatically cut off the power in the event of temperature control failure, boil dry cut-out or a blocked vent pipe.
- High temperature thermal insulation with provision for service access to the boiling chamber.

Heating element

Long-life Incolloy sheathed embedded rod type.

Thermostat

Capillary type.

Case

White only.

Insulation

High temperature insulation to minimise heat loss engineered for quick service access to boiling chamber.

Safety features

Thermal cut-out integral to heating element; thermal cut-out on vent tube.

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, for servicing purposes.

Plumbing

Designed for direct connection to a potable cold water supply with a minimum pressure of 70 kPa and a maximum pressure of 700 kPa.

A 350 kPa pressure reducing valve must be installed if water supply pressure is likely to exceed 700 kPa maximum.

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 12.7 mm capillary elbows.

For exposed plumbing connections, connect inlet and vent pipes from the bottom directly to 12.7mm.

Venting

The vent must discharge to a safe visible position as, under certain conditions, the vent may discharge cold or hot water and/or steam.

The vent pipe outlet must be connected via a tun-dish to a 12.7 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.

Electrical

To be connected to a 10amp GPO, 220V - 240V AC power supply.

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

External power point and switch should be within 1.5m reach from the unit.

Note

To be installed by a qualified tradesperson in accordance with manufacturer's instructions and AS/NZS 3500 plumbing and AS/NZS 3350 wiring 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.

Technical Advice

Contact Zenith Heaters Limited on **0800 558 055**.

Accessories

- 99017NZ - Tun-dish wall mounted
 - 99018NZ - Tun-dish sink mounted
 - 99043NZ - Drip tray portable
 - 99056NZ - Drip tray plumbed to waste
 - 28002NZ - 5 micron filter*
 - 28005NZ - Sub micron filter*
- *Zenith filters comply with NSF/ANSI 42 and/or 53 industry standards.

| Product Details | Product Codes | Order Codes | Delivery cups* at a time | Recovery cups* p/hr | Energy Rating (kW @ 240V AC) | Dimensions | | | | | | | |
|---------------------------------|---------------|-------------|--------------------------|---------------------|------------------------------|------------|-----|-----|----|-----|----|----|----|
| | White | White | | | | A | B | C | D | E | F | G | H |
| Autoboil [®] 1.5 litre | AB001 | 01652 | 9 | 100 | 1.5 | 335 | 289 | 180 | 20 | 198 | 35 | 25 | 42 |
| Autoboil [®] 3.0 litre | AB003 | 03652 | 18 | 100 | 1.5 | 431 | 289 | 180 | 20 | 198 | 35 | 25 | 42 |
| Autoboil [®] 5.0 litre | AB005 | 05652 | 30 | 140 | 2.4 | 465 | 318 | 198 | 20 | 198 | 35 | 25 | 42 |
| Autoboil [®] 7.5 litre | AB007 | 07652 | 45 | 140 | 2.4 | 578 | 318 | 198 | 20 | 198 | 35 | 25 | 42 |
| Autoboil [®] 15 litre | AB015 | 11652 | 90 | 145 | 2.4 | 600 | 390 | 299 | 20 | 295 | 41 | 28 | 42 |
| Autoboil [®] 25 litre | AB025 | 12652 | 150 | 180 | 3.6 | 780 | 390 | 299 | 20 | 295 | 41 | 28 | 42 |
| Autoboil [®] 40 litre | AB040 | 04652 | 240 | 360 | 6 [^] | 840 | 515 | 284 | 20 | 420 | 41 | 28 | 42 |

*Standard cup size: 167ml. [^]2 x 3kWh

