

Zenith Duo

Instant boiling and chilled filtered water
5.0/3.2 litre, 16.5/3.2 litre



Filter compartment at side.



Zenith Duo on stand with drip tray offering both boiling and chilled filtered water.

Features

- No waiting for water to boil!
- No bottled water to buy!
- Two energy-saving power modes:
 1. A 24/7 programmable clock that can be manually set
 2. Sleep mode when there has been no activity for a 2 or 4 hour pre-set time
- High capacity unit that is great for high traffic areas such as canteens & factories
- Designed to maintain boiling water within 1°C of set point and <10°C for chilled. Boiling water is factory set to 98°C
- Fail-safe thermal protection system with autoreset
- Two-way cool-touch classic tap for filling cups and pots. Locks on for filling pots
- Can be wall mounted or an optional stand with drip tray is available for on counter display
- In-built safety controls to prevent boil-dry

Recovery rates

Capacity	Recovery cups/hr	Recovery glasses/hr	Power Rating kW
5.0/3.2 litre	120	90	2.0
16.5/3.2 litre	160	90	2.3
16.5/3.2 litre	206	90	3.5



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Product Selection Chart

Zenith Model	Order Code (Stainless)	Order Code (White)	Boiling Recovery Cups* p/hr	Chilled Recovery Glasses p/hr	Energy Rating (kW @ 240V AC)	Dimensions									
						A	B	C	D	E	F	G	H	J	K
Zenith Duo 5.0/3.2L	310111	310110	120	90	2.0	431	650	275	27	298	188	25	42	178	51
Zenith Duo 16.5/3.2L	330111	320110	160	90	2.3	578	700	350	27	333	273	25	42	310	51
Zenith Duo 16.5/3.2L	320111	330110	206	90	3.5	578	700	350	27	333	273	25	42	310	51

^Standard cup size: 167ml

Technical Features

- High capacity unit for canteens, restaurants and factories.
- Dispenses boiling and chilled water.
- Designed to maintain boiling water within 1°C of set point and between 5-10°C for chilled.
- Boiling water is factory set to 98°C.
- Fail-safe thermal protection system with inbuilt auto-reset cut-out.
- Stainless steel long life tank.
- Two energy efficient, timer control options to power the unit down when not in use.
- Power-saving 24-hour clock to pre-set unit to power down at particular times in order to conserve energy.
- Power-saving sleep mode to reduce energy consumption when the heater is not used during non-work times such as over night, weekends or holiday season.
- User-friendly display panel allows for manual adjustments, timer control & system information.
- Boiling and chilled individual dispensing levers allow simultaneous access.
- Boiling lever stays cool to the touch.
- Available in brushed stainless steel only.
- Heating element
- Electronic temperature Control
- Stainless Steel and White.
- High temperature insulation engineered for quick access to boiling chamber port.
- Thermal cutout integral to heating element; thermal cutout on vent tube.

Installation Requirements

Location

Should be installed over a draining board or on the optional stand with drip tray. Minimum tap height above draining board for on-wall maintenance is 200mm. Leave minimum clearance of 150mm above, 150mm left and 50mm right. 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 12.7mm O0 copper vent pipe which has a continuous fall, is no more than 3 metres long, and has no more than 3 right angle bends.

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

Plumbing

Designed for direct connection to a potable cold water supply with a minimum pressure of 70kPa and a maximum pressure of 700kPa. ^350kPa pressure reducing valve must be installed if water supply pressure is likely to exceed 700kPa. An isolating valve should be installed between the water supply and the unit. For concealed plumbing connections, connect inlet and vent pipes from the rear via 12.7mm capillary elbows. For exposed plumbing connections, connect inlet and vent pipes from the bottom directly to 12.7mm compression fittings with nuts and olives provided.

Electrical

For models 310111 and 330111, to be connected to a 10amp GPO, 220V-240V AC power supply. For model 320111 a 15amp GPO is required or an isolating switch in the fixed wiring attached to a secure surface. This switch must provide all-pole disconnection and a contact separation of at least 3mm installed in accordance with the wiring rules.

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

- 90777-Stand with drip tray for 31011
- 90778-Stand with drip tray for 32011 & 33011
- 28002-5 micron filter*
- 28005-Sub micron filter*

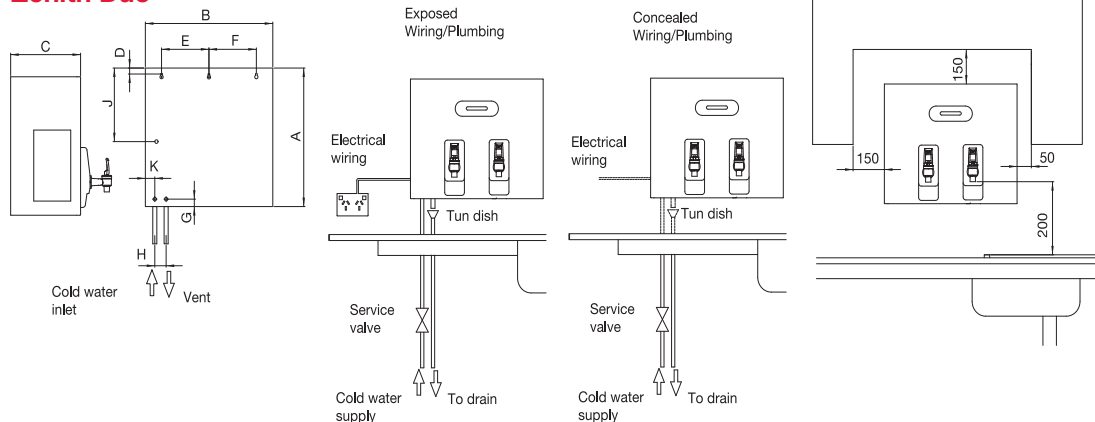
Warranty

Full one-year parts-and-labour warranty on both tank and heater

Technical Assistance

Contact Zenith Heaters Ltd
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