

ZIP WATER HEATING

100

ZIP INSTANTANEOUS WATER HEATERS

106

INSTANTA WATER BOILERS

107

ZIP HYDROBOIL WATER BOILERS

108

ZIP HYDROBOIL PLUS WATER BOILERS

110

ZIP HYDROTAPS











Zip InLine ES

ELECTRONIC INSTANTANEOUS WATER HEATER

SINGLE OUTLET FOR HAND WASHING

FEATURES AND BENEFITS

- Compact electronically controlled instantaneous water heater for hand washing.
- Bare-wire for fast heat up.
- Innovatively designed appliance that heats the water automatically as it flows through.
- No standing heat losses.
- Heating power automatically adjusted to compensate for variable inlet pressure and temperature.
- Supplied with 700mm of pre-wired cable.
- Outlet temperature factory set to 38°C, but can be installer adjusted between 30°C to 43°C.
- Intended for use with taps having removable M22/M24 nozzles.
- External flow regulation.
- · Easier servicing.
- Easy to install with re-designed, improved wall bracket.

OPERATION

Heating power is switched on automatically once the minimum flow rate is exceeded.

RATING

ES3 2.8kW @230V ES4 4.4kW @230V ES6 5.5kW @230V

HEATING SYSTEM

Bare-wire heating system for fast response.

SAFETY FEATURE

Water temperature electronically controlled to maintain factory setting of 38°C.

TEMPERATURE SETTING

Temperature and flow adjustable at time of installation.

ERP RATING

Class A

IP RATING

IP 25.

PRODUCT SELECTION

Instantaneous water heating is the most efficient available, however, delivered water temperature is dependent on local incoming water temperature and supply voltage. Quoted performance assumes 12°C incoming water temperature and 230V supply.

CASE

Impact resistant plastic.

APPROVALS

WRAS, VDE, CE endorsed.

Taps Important. For correct operation, it is essential that the special tap nozzle supplied is fitted to the tap spout. Nozzles supplied to suit M22/24 taps should be used.

WARRANTY

One-year on site parts and labour. For full details of the Zip Warranty Scheme visit: www.zipwater.com/uk/ support/ warranty-policy

LOCATION

The appliance must be installed in a frost free environment.

PLUMBING

The appliance is intended for connection to the mains water supply. It should be installed by a suitably qualified person. The appliance may be used as an unvented or vented installation.

N.B. Not recommended for use with thermostatic mixing valves or taps.

ELECTRICAL

The appliance must be earthed and connected to the supply by means of permanent wiring through suitable isolation having a contact separation of at least 3mm in all poles. Installation must comply with current IEE regulations.



Zip InLine ES





Maximum temperature increase @230V and a flow rate of:	ES3	ES4	ES6
2.0 litres/min	20°C	31°C	39°C
2.5 litres/min	16°C	25°C	31°C
3.0 litres/min	13°C	21°C	26°C
3.5 litres/min	11°C	18°C	22°C
4.0 litres/min	10°C	16°C	20°C
Switch on flow rate (I/min)	1.2	1.5	1.5
Switch off flow rate (I/min)	1.0	1.3	1.3

Product Code	Product	Power rating kW@230V	*38°C Max Flow rate ltrs/min	Dimensions W x D x H (mm)
ES3	Zip InLine	2.8	1.5	187 x 80 x 132
ES4	Zip InLine	4.4	2.4	187 x 80 x 132
ES6	Zip InLine	5.5	3.0	187 x 80 x 132

^{*}Quoted performance assumes 12°C incoming water temperature and 230V supply.



Zip InLine CEX



OVER AND UNDERSINK ELECTRONIC INSTANTANEOUS WATER HEATERS FOR SINGLE OR MULTIPLE OUTLETS

FEATURES AND BENEFITS

- The most energy efficient way of heating water electrically.
- Highly efficient bare wire heating system.
- Zero standing heat loss as no stored water.
- Instant hot water.
- Provides a constant* supply of hot water at exactly the temperature selected.
- Heating power adjusted electronically to compensate for variable inlet pressures and temperatures.
- Required temperature can be set using two touch sensitive keys within the range 30°C to 55°C with digital display.
- Maintains precise temperature control despite fluctuations in voltage and water pressure.
- Suitable for use with preheated water from solar systems.
- · Power rating can be selected at time of installation.
- Optional wireless control (ZL016).
- CEX-O for oversink CEX-U for under-sink installation.

RATINGS

6.6kW/8.8kW. Selected at installation.

HEATING SYSTEM

Bare-wire system.

ERP RATING

Class A

IP RATING

Over-sink IP25. Under-sink IP24. Both suitable for Zone 1.

APPROVALS

WRAS, VDE & CE endorsed.

WARRANTY

1 year on site parts and labour. For full details visit: www.zipwater.com/uk/support/ warranty-policy

LOCATION

The appliance must be installed in a frost free environment. In order to minimise thermal losses the distance between the appliance and the outlet fitting should be as short as possible.

PLUMBING

The appliance is intended for connection to a mains potable water supply. The specific water resistance of the supply must not fall below the minimum specified on the rating plate. Minimum flow rate 2 litres/min. Should be installed by a suitably qualified installer of electric instantaneous water heaters.

ELECTRICS

The appliance must be earthed and be connected to the supply by means of permanent wiring, through an isolation switch, having a contact separation of at least 3mm on all poles and protected by a suitably rated circuit breaker. The cross sectional area of the connection cable must be in accordance with the power rating of the appliance. The installation must be in accordance with current IEE regulations.

* Subject to a minimum water pressure of 2 bar and maximum of 10 bar



Zip InLine CEX







Maximum temperature increase @230V and a flow rate of:	
3.0 liters/min	31°C- 42°C
4.0 liters/min	24°C- 31°C
5.0 liters/min	19°C- 25°C
6.0 liters/min	16°C- 21°C
Switch on flow rate (I/min)	2.0

Product Code	Power rating kW @230V	50°C Max Flow rate Itrs/min	38°C Max Flow rate ltrs/min	Temp. range (°C)	Dimensions W x D x H (mm)
CEX-O	6.6 - 8.8	2.5 - 3.3	1.5	30 - 55	177 x 108 x 294
CEX-U	6.6 - 8.8	2.5 - 3.3	2.4	30 - 55	177 x 108 x 294



Zip InLine DEX, DEX12 & DBX



ELECTRONIC INSTANTANEOUS WATER HEATERS FOR SINGLE OR MULTIPLE OUTLETS

FEATURES AND BENEFITS

ALL MODELS

- The most energy efficient way of directly heating water electrically.
- Highly efficient bare wire heating system.
- Zero standing heat loss as no stored water.
- Instant hot water.
- Provides a constant* supply of hot water at exactly the temperature selected.
- Heating power adjusted electronically to compensate for variable inlet pressures and temperatures.
- Maintains precise temperature control despite fluctuations in voltage and water pressure.
- Optional remote control temperature selection (using ZL017).

DBX

Outlet temperature set to 50°C adjustable inside the appliance from 30°C to 60°C.

DEX

If required, two temperature settings can be set, using the touch sensitive keys within the range 20°C to 60°C. (20°C to 55°C for DEX12), with digital display of the selected temperature.

Suitable for use with preheated water from solar systems (not DEX12).

Power rating can be selected at time of installation.

RATINGS

DEX128.8-11kW (adjustable) DEX 18-27kW (adjustable) DBX 18kW, 21kW, 24kW & 27kW.

HEATING SYSTEM

Bare-wire system.

ERP RATING

Class A.

IP RATING

IP 25 - Suitable for Zone 1

APPROVALS

WRAS, VDE & CE endorsed.

WARRANTY

1 year on site parts and labour. For full details visit: www.zipwater.com/uk/support/ warranty-policy

LOCATION

The appliance must be installed in a frost free environment. In order to minimise distribution losses the distance between the appliance and the outlet fitting should be as short as possible (less than 2m).

PLUMBING

The appliance is intended for connection to a mains potable water supply. The specific water resistance of the supply must not fall below the minimum specified on the rating plate.

Minimum flow requirements: 2 litres/min. Should be installed by a suitably qualified person.

N.B. Not recommended for use with thermostatic mixing valves or taps.

ELECTRICAL

The appliance must be earthed and connected to the supply by means of permanent wiring through an isolation switch having a contact separation of at least 3mm on all poles and protected by a suitably rated circuit breaker.

The cross sectional area of the connection cable must be in accordance with the power rating of the appliance. The installation must be in accordance with current IEE regulations.

* Subject to a minimum water pressure of 2 bar and maximum of 10 bar











	DEX12	DEX	DBX18	DBX21	DBX24	DBX27			
Temperature adjustment range	7.5°C- 55°C	20°C- 60°C	30°C- 60°C						
Maximum inlet temperature	25°C	70°C	30°C						
Maximum flow rate (litres/min)	5.0	8.0	7.0 8.0 8.0 9.0						
Pressure loss @ 2.5 l/min			0.2 bar						
Pressure loss @ 9.0 l/min			1.3 b	oar	1.3 bar				

Product Code	Power rating kW	50°C Max Flow rate ltrs/min	38°C Max Flow rate Itrs/min	Dimensions W x D x H (mm)
DEX12	8.8 - 11.0*	3.3 - 4.1	4.8 - 6.1	231 x 97 x 466
DEX	18.0** - 27.0***	6.8	9.8 #	231 x 97 x 466
DBX18	18.0**	6.8	9.8 #	231 x 97 x 466
DBX21	21.0**	7.9	11.4 #	231 x 97 x 466
DBX24	24.0**	9.0 #	13.0 #	231 x 97 x 466
DBX27	27.0***	10.2 #	14.8 #	231 x 97 x 466

^{* 1/}N/PE 230V ** 3/PE 280-4150V *** 3/PE 400V

[#] mixed with cold water at the tap



ATC Instanta



WALL MOUNTED INSTANT BOILING WATER 2.5, 5 & 10 LITRE WATER BOILER

UNIQUE DESIGN FEATURES

- Tank-baffle plates unique design aids heat recovery & reduces steam emissions to atmosphere
- Early warning lime-scale diagnostics (via LED light)
- Dual safety protection with both over boil and boil dry protection



HEATING ELEMENT

Embedded rod type with high level cut-out

BODY CONSTRUCTION

304 Grade Mirror Polished Stainless steel

BOILING CHAMBER

0.9mm 304 & 316 Grade Stainless Steel

INSULATION

9mm high grade Insulation Panels

THERMOSTAT

Electronic temperature probe (default setting 96°C)

TAP

Two way, chrome-plated brass, catering style.

APPROVALS

WRAS, CE endorsed.

WARRANTY

1 year parts warranty,

INSTALLATION

Install over a draining board, or work top fitted with a drip tray. Tap spout should be no higher than is necessary to fill large pots. Minimum tap height above draining board for on-wall maintenance is 200mm.

PLUMBING

Water inlet 3/4" BSP or 15mm push-fit, Overflow 15mm push-fit (extend if required: pipework to have a continuous fall (no longer than 500mm), no more than 3 right-angle bends.

Designed for connection to a potable cold water supply with a minimum pressure of 0.7 bar. If pressure exceeds 7 bar, a pressure limiting valve must be fitted. An isolating valve should be installed between the mains supply and the system.

CONCEALED PLUMBING

Connect inlet and vent pipes from the rear

ELECTRICAL

To be wired to a double pole fused spur, minimum break capacity of 13 amps.

Installation must comply with current IEE regulations.

CAUTION

In some hard water areas where scale is an issue we recommend the fitting of the Zip Inline filter.

Product Code	Capacity litres	Cups* at any one time	Litres per hour	Rating kW @230V	Dimensions W x D x H (mm) †	Weight (kg) Empty/Full
INST2N	2.5	15	20	2.0	254 x 187 x 428	6.5/11
INST5N	5.0	30	27	3.0	290 x 205 x 432	7.8/16.0
INST10N	10.0	60	27	3.0	340 x 247 x 480	9.7/23.5

^{* 167}ml Cup



Zip Hydroboil



WALL MOUNTED INSTANT BOILING WATER

1.5, 3, 5, 7.5, 10, 15, 25, 40 LITRE

HEATING ELEMENT

Long-life incoloy sheathed embedded rod type.
Dry start protection.

BOILING CHAMBER

Twin chamber-stainless steel. Steam-Heat-Boost technology. Crevice-free stainless steel with removable access ports, top and bottom.

INSULATION

Compressed high temperature insulation panels on sizes below 10 litres, engineered for easy boiling chamber access. High efficiency aluminium backed mineral wool insulation on other sizes.

THERMOSTAT

Capillary type.

CASE

Stainless steel or corrosion resistant white enamelled steel.

TAP

Two way, chrome-plated classic, catering style.

APPROVALS

WRAS, CE endorsed.

WARRANTY

Two-year on site parts and labour. For full details of the Zip Warranty visit: www.zipwater.com/uk/support/ warranty-policy

INSTALLATION

Install over a draining board, or work top fitted with a drip tray. Tap spout should be no higher than is necessary to fill large pots. Minimum tap height above draining board for on-wall maintenance is 200mm.

PLUMBING

Designed for connection to a potable cold water supply with a minimum pressure of 0.7 bar. If pressure exceeds 7 bar, a pressure limiting valve must be fitted. An isolating valve should be installed between the mains supply and the system.

CONCEALED PLUMBING

Connect inlet and vent pipes from the rear via 15mm capillary



EXPOSED PLUMBING

Connect inlet and vent pipes from below directly to 15mm compression fittings.

VENTING

The vent must discharge to a safe and visible position using a tundish.

ELECTRICAL

To be wired to a double pole fused spur, minimum break capacity of 13 amps.

Installation must comply with current IEE regulations.

CAUTION

In some hard water areas where scale is an issue we recommend the fitting of the Zip Inline filter.

Product Code Case Finish		Tank Size	Cups* at one time	Cups* per hour	Rating kW@230V	Dimensions W x D x H (mm)
s/steel	white					
-	HS001	1.5	9	100	1.5	289 x 180 x 335
-	HS003	3.0	18	100	1.5	289 x 180 x 431
HS105	HS005	5.0	30	140	2.4	318 x 198 x 465
HS107	HS007	7.5	45	140	2.4	318 x 198 x 578
HS110	HS010	10.0	60	180	3.0	390 x 244 x 600
HS115	HS015	15.0	90	180	3.0	390 x 299 x 600
HS125	HS025	25.0	150	180	3.0	390 x 299 x 780
HS140	HS040	40.0	240	240	2 x 3.0	515 x 284 x 840

^{*} Standard cup size 167ml



Zip Hydroboil Plus

WALL MOUNTED INSTANT BOILING WATER

3, 5, 7.5, 10, 15, 25, 40 LITRE

HEATING ELEMENT

Long-life incoloy sheathed embedded rod type. Dry start protection.

BOILING CHAMBER

Twin chamber-stainless steel. Steam-Heat-Boost technology. Crevice-free stainless steel with removable access ports, top and bottom.

INSULATION

Compressed high temperature insulation panels on sizes below 10 litres, engineered for easy boiling chamber access. High efficiency aluminium backed mineral wool insulation on other sizes.

THERMOSTAT

Thermistor controlled.

CASE

Stainless steel or corrosion- resistant, white enamelled steel.

TEMPERATURE SETTINGS

On installation, to suit user needs, the boiling water temperature can be adjusted from 100°C to 68°C.

CONTROL PANEL

Liquid Crystal Display shows time, day, heater operation and energy saving mode status.

TAP

Unique two-way cool touch tap.

SAFETY FEATURES

Integral safety lock.

APPROVALS

WRAS, CE endorsed.

WARRANTY

Two-year on site parts and labour. For full details of the Zip Warranty visit:

www.zipwater.com/uk/support/warranty-policy

INSTALLATION

Install over a draining board, or 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 fitting is 200mm.

PLUMBING

Designed for direct connection to a potable cold water supply with a minimum pressure of 0.7 bar. If pressure exceeds 7 bar, a pressure limiting valve must be fitted. An isolating valve should be installed between the water supply and the heater.

CONCEALED PLUMBING

Connect inlet and vent pipes from the rear via 15mm capillary elbows.

Exposed plumbing Connect inlet and vent pipes from below directly to 15mm compression fittings.

VENTING

The vent must discharge to a safe visible position using a tundish.

ELECTRICAL

To be wired to a double pole fused spur with a minimum break capacity of 13 amps. Installation must comply with current IEE regulations.

CAUTION

In some hard water areas where scale is an issue we recommend the fitting of the Zip Inline filter.



Zip Hydroboil Plus



ZIP HYDROBOIL PLUS CUTS ENERGY CONSUMPTION IN 5 WAYS

Steam-Heat-Boost System

Steam from boiling water is recycled to pre-heat incoming cold water. A patented metering tube maintains the stored water within 1°C of set temperature.

Power-Pulse™ energy saving technology

Applies full power only during heavy usage periods cutting back to micro-pulse power during light usage or when unused — not available on 40 litre model.

Inactivity sleep mode

After 2 hours of non-use Hydroboil Plus enters sleep mode, allowing the water temperature to reduce to 65°, at which it is maintained until next draw-off.

Low light sleep mode

When activated, an integral light detector activates this facility when room light is switched off and the unit enters sleep mode as above.

Integral 24 hour 7 day timer

Switches system off during known periods of inactivity, returning to full functionality ahead of next expected demand.

Further energy savings are made due to the use of the unique cool touch tap, where no metal parts are used.



Hydroboil Plus accredited on the SEAI Triple E Register



Product Code Case Finish		Tank size	Cups* at one time	Cups* per hour	Rating kW@230V	Dimensions W x D x H (mm)	
s/steel	white						
HP103	HP003	3.0	18	100	1.5	289 x 180 x 431	
HP105	HP005	5.0	30	140	2.4	318 x 198 x 465	
HP107	HP007	7.5	45	140	2.4	318 x 198 x 578	
HP110	HP010	10.0	60	180	3.0	390 x 244 x 600	
HP115	HP015	15.0	90	180	3.0	390 x 299 x 600	
HP125	HP025	25.0	150	180	3.0	390 x 299 x 780	
HP140	HPO40	40.0	240	240	2 x 3.0	515 x 284 x 840	

^{*} Standard cup size 167ml



Zip HydroTap



ZIP BRINGS YOU THE MOST INTELLIGENT FILTERED DRINKING WATER TAP EVER INVENTED.

- Water temperature: adjustable boiling temperature set point, factory set to operate at 98°C for optimum results. Chilled water 5°C to 14°C.
- Power-PulseTM electronic technology controls the set boiling temperature within 0.2°C and eliminates overboil.
- Choice of fingertip control for fast cup filling (lever down) or handsfree pot filling (lever up).
- Can be set to require finger-thumb safety operation for boiling water access, eliminating the risk of accidental use. Can
 also be set to boiling isolation mode for increased safety.
- Longer spout caters for under-mount sinks. Extended lever & Braille pads also available.
- Energy saving technology
- Low-energy lights signal boiling water is ready, chilled is ready, or filter change is due.
- Hidden light sensor sends appliance to sleep, to conserve energy when the room goes dark.
- Sleeps or powers off after 2 hours of non-use.
- Plus 24/7 on/off timer, allowing power to be turned off, automatically, for weekday or weekend periods.

NEW G4 ZIP COMMAND-CENTRE™ LEADS THE WORLD IN TIME-SAVING, ENERGY-SAVING TECHNOLOGY.

- Advanced insulation and electronics technology reduces standby energy consumption by up to 55% over earlier Zip models of similar capacity.
- Auto-calibrates to boiling point upon installation, regularly re-calibrates and optimises performance.
- Simple pin-code-protected touch-screen puts managers in total control of each appliance.
- Adjustments include temperature, dispensing time, safety settings, energy-saving settings.
- Continuous auto-diagnostics system monitors performance, provides total history on demand.
- Integral cross-ventilation system eliminates cupboard heat-up; no need for an external fan.
- Multiple filter life settings, with precise litre monitoring, to optimise filter replacement timing.
- Added peace-of-mind features include overload protection, temperature monitoring, internal leak detection, plus an internal pressure limiting valve.

ZIP HYDROTAP NOW SUPPORTS YOUR SUSTAINABILITY AIMS AS NEVER BEFORE.

- Conserves water. New, improved air-cooled system with integral cross-ventilation, does not dump water to waste. An environmentally responsible solution.
- Conserves energy. Choice of four energy-saving settings to allow site managers to adjust each installation to operate with optimum energy efficiency
- RoHS Compliant. All materials involved in Zip HydroTap manufacture comply with the European Restriction of Hazardous Substances Directive 2011/6
- Red List Compliant. Designed to meet the sustainable initiatives of the Living Building Challenge by eliminating prohibited materials shown on the LBC Red List.

Five Year Warranty.

Zip HydroTap G4 models shown here are covered by a comprehensive full parts and labour warranty for 24 months from date of purchase. A further 36 months boiling tank warranty is included, provided any service required is carried out by a Zip-trained service provider and that water filter cartridge replacements are made at recommended intervals. Zip HydroTap G3 models are covered by a 12 month warranty. Details are supplied with each appliance and can be viewed at www.zipheaters.co.uk

















Boiling Filtered	Instantly			
Zip Model	Boiling cups/hr		Rating kW @230V	Dimensions W x D x H (mm)
B160G4	160		1.85	280 x 313 x 335
B240G4	240		1.85 + 2.2*	280 x 313 x 335
Chilled Filtered	Instantly			
Zip Model	Chilled glasses/hr		Rating kW @230V	Dimensions W x D x H (mm)
C125G4	125		0.2	336 x 476 x 335
C175G4	175		0.25	336 x 476 x 335
Boiling Ambient	Filtered	Instantly		
Zip Model	Boiling cups/hr		Rating kW @230V	Dimensions W x D x H (mm)
BA160G4	160		1.85	280 x 313 x 335
BA240G4	240		1.85 + 2.2*	280 x 313 x 335
Boiling Chilled 	Filtered	Instantly		
Zip Model	Boiling cups/hr	Chilled glasses/hr	Rating kW @230 V	Dimensions W x D x H (mm)
BC160/175G4	160	175	2.1	450 x 470 x 335
BC240/175G4	240	175	2.1 + 2.2*	450 x 470 x 335
Boiling Chilled	Sparkling	Filtered	Instantly	
Zip Model	Boiling cups/hr	Chilled glasses/hr	Rating kW @230 V	Dimensions W x D x H (mm)
BSC100-75G4	100	75	2.15	280 x 470 x 335
BSC160/175G4	160	175	2.1	450 x 470 x 335

 $^{^{*}}$ All Zip HydroTap G4 models rated at 240 cups of boiling water per hour are installed with a 2.2 kW externally mounted booster unit and must be connected to two separate 13 amp power points.



Zip HydroTap Options

Zip°

FONT AND DRAIN*

Zip HydroTap can be ordered with a matching font and drain for mounting remotely from the sink.

Order Codes:

ZT008 – Standard Chrome **ZT009** – Satin Chrome **ZT010** – Gloss Black **ZT012** – Matt Black

*Not for use with All-in-One. Drainless Font

For locations where there is no available drainage, the Zip "Drainless Font" system ensures the safe and effective collection of waste water from a HydroTap font.

Order Code: **ZT006**



OVER SIZED LEVERS

All HydroTap models, except for models in the All-in-One, Industrial and Miniboil ranges, can be fitted with oversize levers to assist those with restricted dexterity. Order Codes: Add 'D' to normal order code



BRAILLE COVERS

To aid those with sight issues Braille covers can be fitted to these levers.

Order Codes:

SP99910 – Boiling/chilled **SP99911** – Boiling only **SP99912** – Chilled only



SPARKLING CONSUMABLES

Order Codes:

ZT400 – CO2 canister (single).

ZT401 – CO2 regulator

