

Energy Efficient Hot Water

Deluxe unvented water heaters for single or multiple outlets

Zip Varipoint II™

Hot water for one or more outlets

Used with conventional taps or mixers

Over-basin, under-basin, 10 or 15 litres

Copper storage tank tested to 16 bar

External temperature control with frost protection setting



Description

- Type: unvented multi-point water heater
- Capacity: 10 litres, 15 litres
- Rating: 2.2kW
- Heating element: embedded rod type
- Thermostat: capillary type adjustable up to 80°C
- Water tank: heavy gauge copper, pressure tested at 16 bar (working pressure 6 bar)
- Case: high impact resistant white plastic
- Insulation: pressure injected polyurethane foam
- Safety features:
 - a) manually resettable over temperature safety cut-out set at 95°C
 - b) pressure relief valve (supplied) set at 6 bar
 - c) heater protected against frost whilst power is switched on
- Approvals: CE endorsed – WRAS approved

Sample specification guide

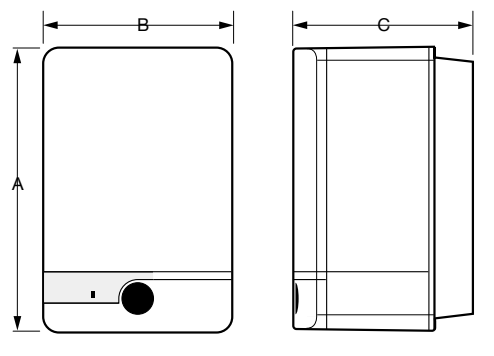
Zip Varipoint Heater, model numberdesigned to comply with the following specification

1. to have a hot water storage tank manufactured from heavy gauge copper, pressure tested to 16 bar, with a working pressure of 6 bar
2. To be fitted with a 2.2 kW heating element
3. To have an adjustable thermostat with positive location at each of settings
4. Safety cutout, set at 95°C, and with manual reset facility
5. To have storage tank thermal insulation of pressure injected polyurethane foam
6. To have an outer case of high impact, corrosion resistant white plastic
7. To have 15 mm BSP water connectors
8. To have an expansion relief valve set at 6 bar when required

Choose from 4 models

Model	Over or Under Basin	Capacity (litres)	Dimensions (mm)			Weight (kg)	
			A	B	C	Empty	Full
VP103	Over	10	452	300	285	6.5	16.5
VP103UB	Under	10	452	300	285	6.5	16.5
VP153	Over	15	452	300	285	7.5	22.5
VP153UB	Under	15	452	300	285	7.5	22.5

DIMENSIONS



Accessories



AQ2

Expansion vessel and check valve



AQ3

Combined pressure reducer (set at 3.5 bar) and line strainer



AQ4

Thermostatic blending valve complete with two check valves

Installation

Location

- Separate models are supplied for over-basin and under-basin installation
- All models can supply one outlet or multiple outlets, no special taps required
- Under-basin is floor standing, connections uppermost
- Over-basin is wall hung, on bracket provided

When deciding the final location of the heater, consideration should be given to the safe and visible disposal of any water resulting from leaks or seepage. This is particularly relevant when the heater is located in a roof space, cupboard or any concealed location

Plumbing

- Water connections 15 mm BSP
- Pressure relief valve (supplied) to be fitted in cold water supply
- Should be installed only by a suitably experienced installer of unvented electric storage water heaters

Electrical

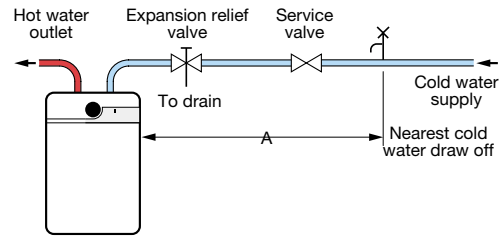
- To be wired to a double pole fused spur, minimum break rating of 13 amps
- Installation must comply with current IEE regulations

Caution

Variable temperature water heaters should be set only in strict compliance with regulations governing the temperature of stored and dispensed hot water

TYPICAL INSTALLATION

Diagram 1 Inlet pressure less than 4 bar – expanded hot water can be accommodated in the pipe work



Minimum length of pipe – Length 'A'

Size	15 mm pipe	22 mm pipe
10 litres	2.7 m (9ft)	1.2 m (4ft)
15 litres	4.2 m (14ft)	1.8 m (6ft)

Diagram 2 Inlet pressure less than 4 bar but expanded water cannot be accommodated in the pipe work. (Using pack AQ2 and AQ3 expansion vessel and check valve.)

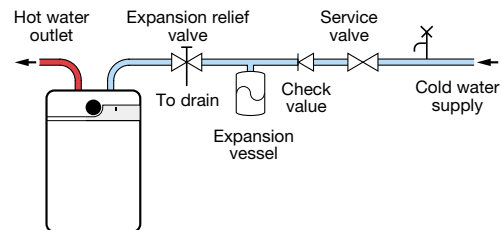


Diagram 3 Inlet pressure is greater than 4 bar and expanded water cannot be accommodated in the pipe work. (Using pack AQ2 and AQ3 expansion vessel, check valve and pressure reducing valve.)

