

Energy Efficient Hot Water

Standard unvented water heaters for single or multiple outlets

Zip Aquapoint II™

5, 10, 15 litre models

Hot water for one or more outlets

Used with conventional taps or mixers

Glass lined steel storage tank tested to 12 bar



Description

- Type: unvented multi-point water heater
- Capacity: 5 litres, 10 litres, 15 litres
- Rating: 2.2kW
- Heating element: embedded rod type
- Thermostat: capillary type adjustable up to 20°C to 75°C
- Water tank: 1.8 mm glass enamelled steel tested to 12 bar, with a working pressure of 6 bar
- Case: high impact resistant white plastic
- Insulation: high density, CFC-free polyurethane foam
- Safety features:
 - a) manually resettable over temperature safety cut-out
 - b) expansion relief valve (supplied) set at 6 bar
 - c) protected against frost whilst power is on
 - d) sacrificial anode mounted on element plate for added protection for element and tank in aggressive water conditions – must be checked regularly (6 months) and replaced when necessary
- Approvals: CE endorsed – WRAS approved

Sample specification guide

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

1. to have a hot water storage tank of 1.8 mm thick glass enamelled steel
2. To have an adjustable thermostat with a range of 20°C to 75°C
3. Safety cutout to have manual reset facility
4. To have storage tank thermal insulation of high density CFC-free polyurethane foam
5. To have an outer case of high impact resistant white plastic
6. To have 15 mm BSP water connectors
7. To have an expansion relief valve set at 6 bar when required
8. To be WRAS approved and CE endorsed

Choose from 3 models

Model	Capacity (litres)	Dimensions (mm)			Weight (kg)	
		A	B	C	Empty	Full
AP50	5	320	285	275	5.3	10.3
AP100	10	430	275	265	7.3	17.3
AP150	15	460	315	310	9.3	24.3

Accessories



AQ1

Pressure and temperature relief valve



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

- All models can be installed unsupported on the floor or wall mounted provided connections are at the top
- All models can supply one outlet or multiple outlets no special taps required

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 (see accessories) set at 6 bar
- Should be installed only by a suitably experienced installer of unvented electric storage water heaters

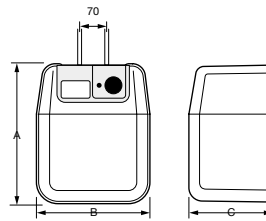
Electrical

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

Caution

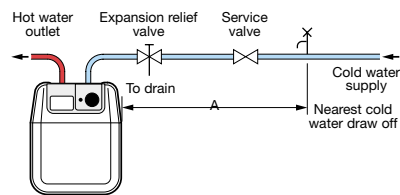
Variable temperature water heaters should be set only in strict compliance with regulations governing the temperature of stored and dispensed hot water

DIMENSIONS



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
5 litres	1.2 m (4ft)	0.6 m (2ft)
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.)

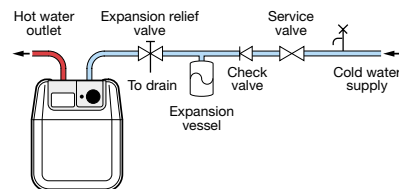


Diagram 3 Inlet pressure is greater than 4 bar and expanded water cannot be accommodated in the pipe work. (Using pack AQ2 and AQ3 expansion vessel, check valve and pressure reducing valve.)

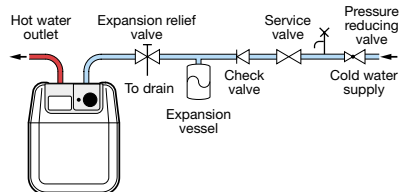


Diagram 4 Illustrated an installation where a pressure and temperature relief valve is required. Can be used with any installation. (Using pack AQ1 temperature and pressure relief valve.)

