

Zip AquaFlo®

Water heaters

Unvented, stainless-steel cylinders
150 litre, 200 litre, 250 litre

	Mains pressure		Dimensions (mm) Height x Diameter	Weight (kg)		Heat-up time (15°C to 65°C)	Re-heat time (70% volume)	
	Direct	Indirect		Empty	Full			
Zip AquaFlo™	Direct	158.0 litre	AF1150	895 x 580	31	187	77 min.	60 min.
Zip AquaFlo™	Direct	189.0 litre	AF1200	1070 x 580	36	225	80 min.	68 min.
Zip AquaFlo™	Direct	238.0 litre	AF1250	1305 x 580	45	278	86 min.	75 min.
Zip AquaFlo™	Indirect	158.0 litre	AF2150	895 x 580	33	186	45 min.	34 min.
Zip AquaFlo™	Indirect	189.0 litre	AF2200	1070 x 580	38	224	39 min.	31 min.
Zip AquaFlo™	Indirect	238.0 litre	AF2250	1305 x 580	47	279	51 min.	41 min.

- Direct unvented and indirect unvented water heater
- Hot water storage cylinder manufactured in 1.4521 niobium-titanium stabilized molybdenum-ferritic stainless-steel tested to 16 bar
- Operating pressure of 3.5 bar
- Dual-tube element with high chromium and molybdenum content
- High performance insulation
- External expansion vessel, pre-charged to 3.5 bar
- Indirect models have a high performance coil fitted at the bottom of the cylinder

Nominal Capacity
150 litre, 200 litre, 250 litre

Loading
Indirect 1 x 3 kW low level; Direct 2 x 3 kW

Heat exchanger
Indirect: 22 mm high efficiency coil

Thermostat
Adjustable, 45°C – 75°C

Thermal cut-out
Manually resettable, set to 85°C

Water vessel
Stainless steel tested to 16 bar

Insulation

High performance CFC free injected foam insulation

Controls

Pressure reducing valve and line strainer set to 3.5 bar

Expansion relief and non-return valve set to 6 bar

Pressure and temperature relief valve set to 7 bar and 90°C

External expansion vessel pre-charged to 3.5 bar

Expansion capacity
19.0 litre for 150 litre and 200 litre models; 24.0 litre for 250 litre models

Approvals

WRAS approved and CE endorsed, LVD, EMC

England & Wales – The Building Regulations 2000 G3 and Part L

Scotland – Technical Standards P3

Northern Ireland – Regulation P5

Warranty

10 years on tank

5 years on parts

Installation

Location

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 minimum 15 mm BSP

Pressure relief valve (supplied) to be fitted in cold water supply

Must be installed by a competent installer in accordance with Local Regulations. England and Wales - Building Regulations G3. Scotland - Technical Standards P3.N. Ireland - Building Regulations P5

For floor standing only (adjustable levelling feet)

Electrical

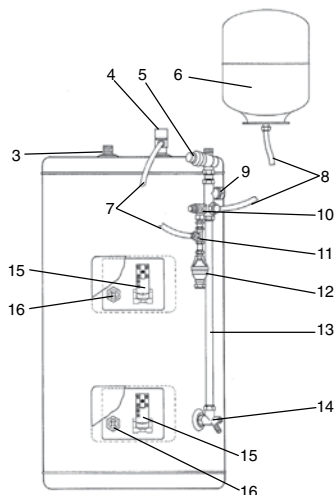
To be wired to a double pole fused spur, minimum break rating of 13 amps

Installation must comply with current IEE regulations

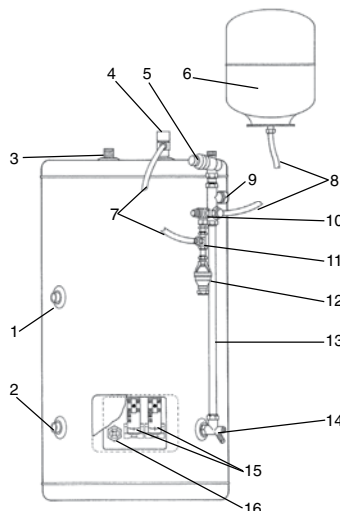
Caution

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

Typical installation – Direct



Typical installation – Indirect



- | | | |
|----|---|-----------|
| 1 | Primary return connection | 15mm BSPF |
| 2 | Primary flow connection | 15mm BSPF |
| 3 | Hot water outlet | |
| 4 | Pressure and temperature relief valve | |
| 5 | Combined strainer and pressure reducing valve | |
| 6 | Expansion vessel | |
| 7 | 15mm copper tube | |
| 8 | 15mm copper tube | |
| 9 | Balanced cold water take off | |
| 10 | Expansion relief and check valve | |
| 11 | Swept Tee piece | |
| 12 | Tundish | |
| 13 | Cold water supply tube | |
| 14 | 22mm elbow and drain | |
| 15 | Immersion heater/cylinder thermostats | |
| 16 | Immersion heater | |