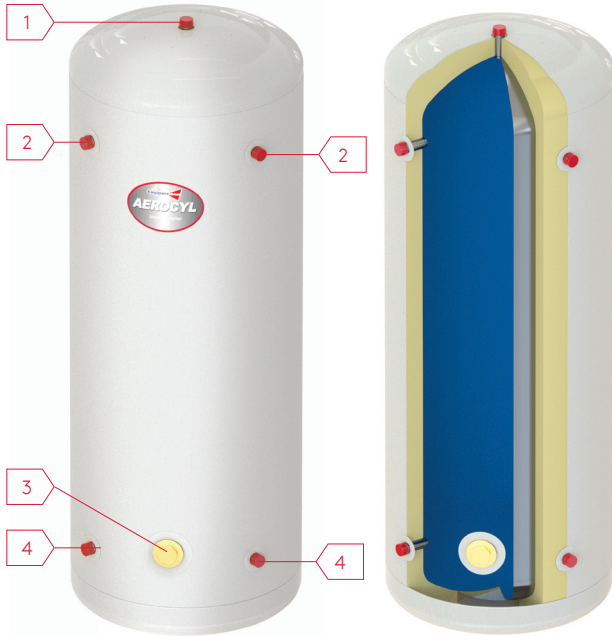


Kingspan Albion Aerocyl Buffer Tanks



The Aerocyl buffer tank is designed to be incorporated into a space heating circuit, increasing the volume of water in the heating system. This additional water volume is intended to protect the heat pump compressor from short cycling. Short cycling can lead to higher running costs, damage to the heat pump, a reduction in its working life and lower energy efficiency performance. Additionally, it helps protect the heat pump by assisting defrost cycles and improves the heating system response times. Heat pump systems that include a buffer tank are also future-proofed for smart electricity meters with flexible energy tariffs.

Features & Benefits

- Suitable for the primary heating circuit of both sealed or open vented system, 6 Bar maximum pressure
- Improved comfort levels as heating system can be fully controlled and zoned
- Reduce or eliminate short cycling of the heat pump
- Prevent water in the system from getting colder during heat pump defrost cycles
- Capacities from 50 to 210 litres
- Manufactured from Duplex stainless steel for superior corrosion resistance
- 50mm thickness of environmentally-friendly foam lagging for low standing heat loss
- 10-Year guarantee

Connections

1. Open vent - 22mm Compression (3/4" Male BSP without nuts)
2. Flow - 22mm Compression (3/4" Male BSP without nuts)
3. Auxiliary - 1 1/4" Female boss (Inspection hatch/optional immersion heater)
4. Return - 22mm Compression (3/4" Male BSP without nuts)

Basic information

Code	Nominal Cap. (L)	Height (mm)	Dia. (mm)	ErP Rating	Standing Loss (W)
HPB50ERP	50	615	478	C	46
HPB95ERP	95	1079	478	C	55
HPB150ERP	150	1103	550	C	68
HPB210ERP	210	1479	550	C	73

Connections & Technical information

Actual Cap. (L)	Weight empty (kg)	1 (mm)	2 (mm)	3 (mm)	4 (mm)
63	19	615	394	201	162
109	23	1079	858	201	162
155	34	1103	847	231	192
215	44	1479	1247	231	192

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