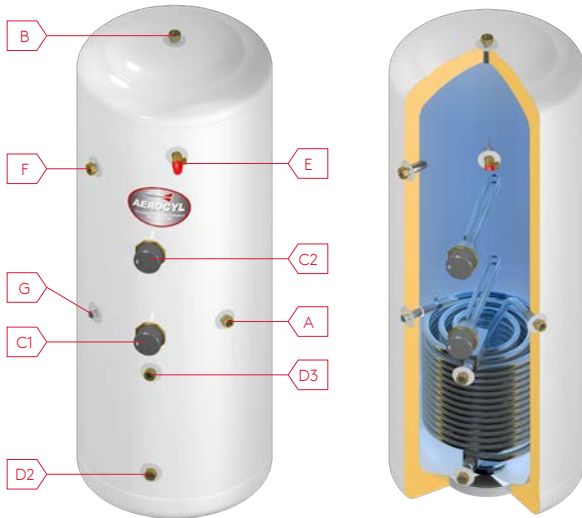


Aerocyl Heat Pump



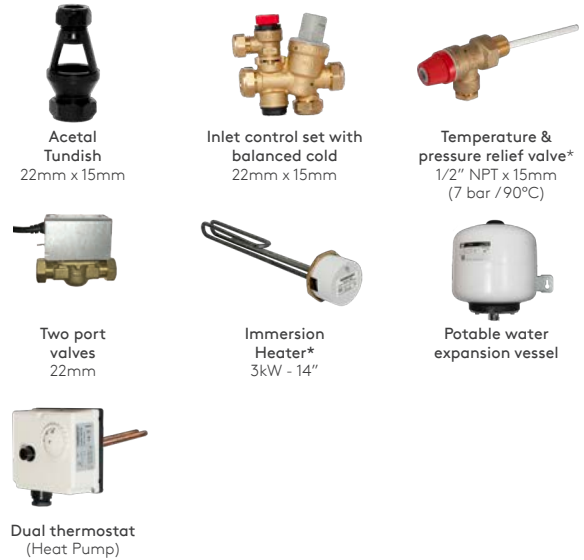
Connections

- A.** 22mm Cold feed with dip pipe to diffuser
- B.** 22mm Hot water outlet
- C.** Immersion heater*
- D2.** 22mm Heat pump connection (Return)
- D3.** Heat pump connection (Flow)
- E.** 1/2" NPT x 15mm Temperature & Pressure relief valve*
- F.** 22mm Secondary return (cylinders with a capacity of 210 litres and above only)
- G.** Dry stat pocket

Basic information

Code	Nominal Cap. (L)	Height (mm)	Dia. (mm)	ErP Rating	Standing Loss
HP150ERP	150	1120	550	C	68
HP180ERP	180	1308	550	C	69
HP210ERP	210	1496	550	C	73
HP250ERP	250	1746	550	C	91
HP300ERP	300	2055	550	C	87
HP400ERP	400	1656	693	C	102
HP500ERP	500	1949	693	C	110

Supplied with



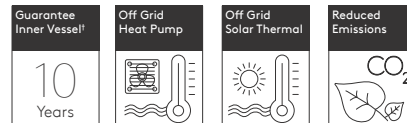
Connection locations

Nominal Cap. (L)	A (mm)	B (mm)	C1† (mm)	C2† (mm)	D2 (mm)	D3 (mm)	E (mm)	F (mm)	G (mm)
150	681	1120	650	-	175	519	895	N/A	650
180	681	1308	650	-	175	519	1080	N/A	650
210	681	1496	650	-	175	519	1270	1150	650
250	681	1746	650	-	175	519	1520	1400	650
300	681	2059	650	-	175	519	1830	1600	650
400	635	1650	1060	1615	545	545	1400	1340	635
500	635	1950	1350	1915	545	545	1690	1640	635

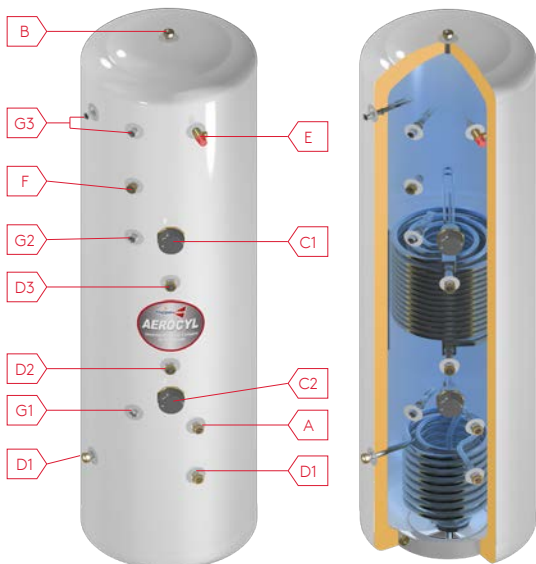
Technical information

Nom. Cap. (L)	Actual Cap. (L)	Weight empty (kg)	DHW Expansion vessel (L)	Heat-up Time (min)	HP Coil (kW)	Heat Loss (kW/24h)	3kW immersion heater
150	150	35	12	Refer to the heat pump OMI guide	31.8	1.62	1x Standard
180	181	45	18		30.1	1.66	1x Standard
210	211	50	18		28.5	1.76	1x Standard
250	251	55	18		27.0	2.19	1x Standard
300	300	60	25		25.6	2.09	1x Standard
400	395	87	25		24.2	2.45	2x Standard
500	495	95	25		23.0	2.65	2x Standard

* Factory fitted to cylinder. † Not to be used as the primary heat source. ‡ See installation instructions for full terms and conditions, only 2 years for parts.



Aerocyl Heat Pump and Solar



Connections

- A.** 22mm Cold feed with dip pipe to diffuser
- B.** 22mm Hot water outlet
- C1.** Immersion heater*
- D1.** 22mm Solar coil connections
- D2.** Heat pump connection (Return)
- D3.** Heat pump connection (Flow)
- E.** 1/2" NPT x 15mm Temperature & Pressure relief valve*
- F.** 22mm Secondary return (cylinders with a capacity of 210 litres and above only)
- G1.** Dry stat pocket (solar)
- G2.** Dry stat pocket (heat pump)
- G3.** Dry stat pockets

Basic information

Code	Nominal Cap. (L)	Height (mm)	Dia. (mm)	ErP Rating	Standing Loss
HPS180ERP	180	1308	550	C	69
HPS210ERP	210	1496	550	C	73
HPS250ERP	250	1746	550	C	91
HPS300ERP	300	2056	550	C	87
HPS400ERP	400	1656	693	C	102
HPS500ERP	500	1946	693	C	110

Supplied with



Connection locations

Nominal Cap. (L)	A (mm)	B (mm)	C1† (mm)	C2‡ (mm)	D1 (mm)	D2 (mm)	D3 (mm)	E (mm)	F (mm)	G1 (mm)	G2 (mm)	G3 (mm)
180	390	1308	868	-	300	458	808	1080	N/A	355	868	1080
210	465	1496	1008	-	365	560	910	1270	1150	420	1008	1270
250	465	1746	1100	-	365	652	1002	1520	1400	420	1100	1520
300	465	2059	1173	-	365	725	1075	1830	1600	420	1173	1830
400	740	1650	1320	792	690	870	1220	1400	1350	790	1320	1400
500	740	1950	1320	792	690	870	1220	1690	1640	790	1320	1690

Technical information

Nom. Cap. (L)	Actual Cap. (L)	Dedicated Solar Vol. (L)	Weight empty (kg)	DHW Expansion vessel (L)	Heat-up Time (min)	HP Coil (kW)	Solar Coil (kW)	Heat Loss (kW/24h)	3kW immersion heater
180	178.0	51.8	58	18	Refer to the heat pump OMI guide	28.3	18.48	1.66	1x Standard
210	204.6	60.3	59	18		28.1	19.75	1.76	1x Standard
250	247.0	72.3	65	18		27.4	20.68	2.19	1x Standard
300	295.6	87.1	77	25		26.7	22.08	2.09	1x Standard
400	395	219	87	25		15.6	17.70	2.45	2x Standard
500	495	219	95	25		13.0	16.77	2.65	2x Standard

* Factory fitted to cylinder. † Not to be used as the primary heat source. ‡ See installation instructions for full terms and conditions, only 2 years for parts.