

Technical Information Sheet

Single Coil Domestic Hot Water Cylinder

Features and Benefits

- Designed for Heat Pump Applications
- Larger Coil to Improve Heat Transfer
- Ease of Installation
- Manufactured from Duplex Stainless Steel
- UK Manufacture
- 25 Year Guarantee for the Shell



Product Description

Kensa has partnered with a leading Domestic Hot Water Cylinder Manufacturer (Advance Appliances) to design and produce an indirect hot water cylinder designed for use with heat pumps.

The cylinder has a coil specifically designed with a larger surface area to provide a better heat transfer from the heat pump into the cylinder. This improves the actual temperature reached by the domestic hot water and the time taken to reach this temperature.

The vessels are manufactured from corrosion resistant Duplex Stainless Steel which enables an industry leading 25 year guarantee for the shell of the cylinder.

The cylinder is designed using the heat pump as the sole heat source and will provide at least 50°C domestic hot water from the cylinder.

The units meet current Building Regulations, are manufactured in the UK and guaranteed for 25 years (components 2 years).

Also supplied: One 3kW immersion heater and G3 kit.

Continued...

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Certificate Number MCS1216
Heat Pumps

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Company Registered in England and Wales: 03739805

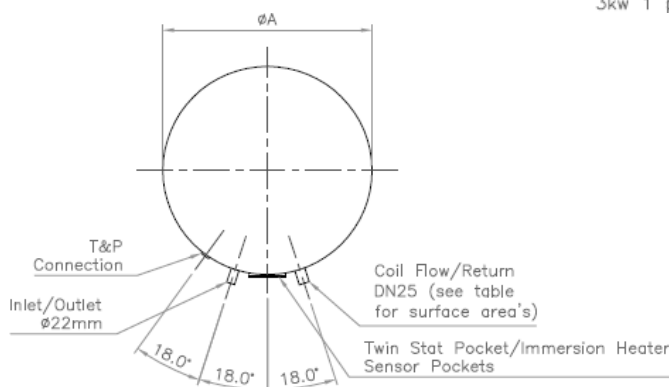
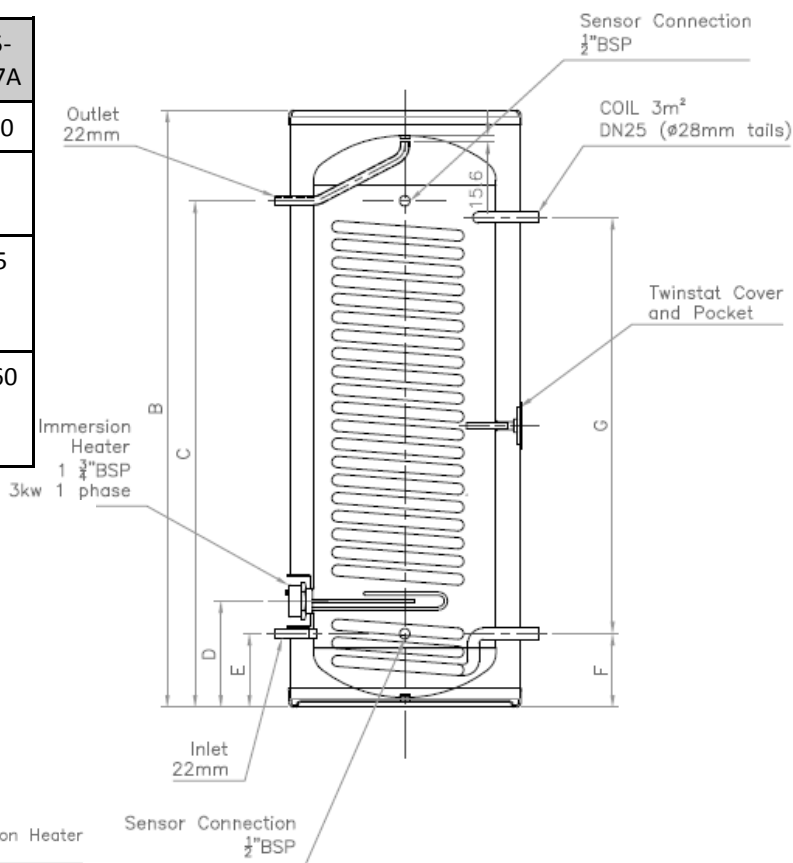


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2 and 3m² Heat Pump Coil Cylinder

Model	95-060A	95-061A	95-062A	95-063A	95-065A	95-067A
Volume (l)	150	215	255	305	400	500
Heat Pump Coil m ²	2	3	3	3	3	3
Expansion Vessel capacity (l)	12	12	12	19	35	35
Heat Loss kWh/24hrs @50°C	1.49	1.70	1.80	1.95	2.25	2.60



General Specification

Material	Duplex Stainless Steel
Operating Pressure Tank and Coils	3 Bar—95°C
P & T Valve Rating	7 Bar—90°C
Pressure Reducing Valve	Max Pressure 12 Bar/ Control Pressure 3 Bar
Safety Relief Valve	6 bar
Expansion Vessel Charge	3 Bar
Expansion Relief Valve	6 Bar
Flexible Hose for Expansion Vessel	Supplied loose
Bracket for Expansion Vessel	Supplied loose
Immersion Heater	13/4—240V—3kW
Tundish	1/2" x 22mm

Dimensions

	A	B	C	D	E	F	G	Weight Full (kg)
150 (2m ²)	575	1083	860	264	182	182	675	195
215 (3m ²)	575	1485	1259	264	182	182	1035	270
255 (3m ²)	575	1750	1527	202	182	272	1035	310
305 (3m ²)	575	2023	1800	202	182	272	1035	365
400 (3m ²)	750	1630	1376	315	333	405	1035	485
500 (3m ²)	750	1780	1526	350	310	405	765	605

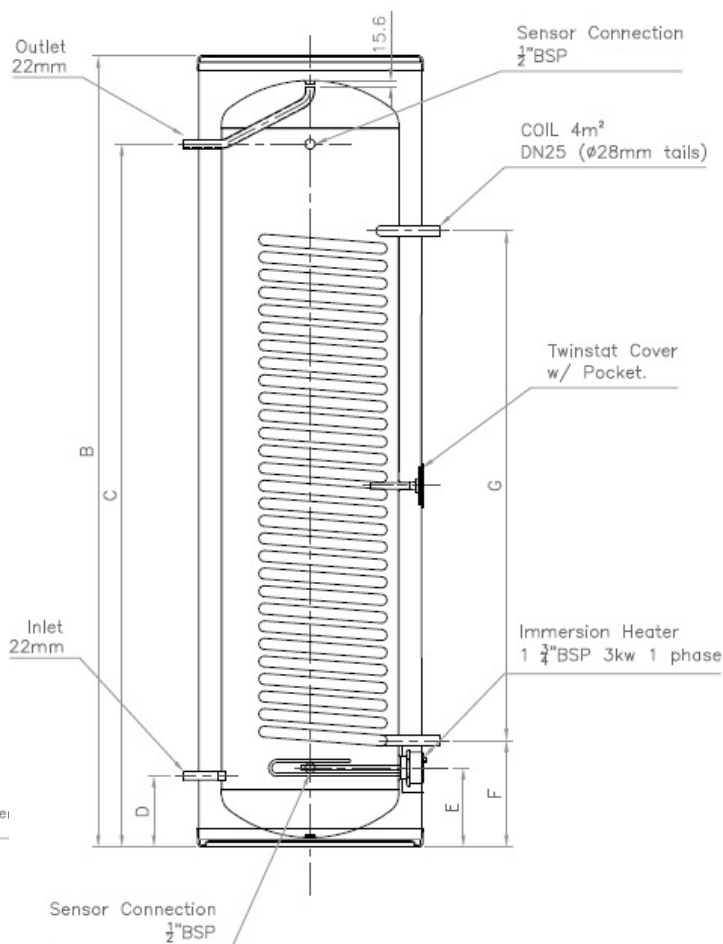
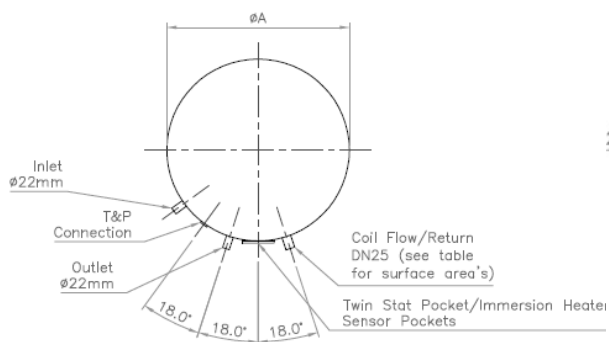
All Dimensions are nominal and in mm

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Single Coil Domestic Hot Water Cylinder

4m² Heat Pump Coil Cylinder

Model	95-064A	95-066A	95-068A
Volume (l)	305	400	500
Heat Pump Coil m ²	4	4	4
Expansion Vessel capacity (l)	19	35	35
Heat Loss kWh/24hrs@50°C	1.95	2.25	2.60



General Specification

Material	Duplex Stainless Steel
Operating Pressure Tank and Coils	3 Bar—95°C
P & T Valve Rating	7 Bar—90°C
Pressure Reducing Valve	Max Pressure 12 Bar/ Control Pressure 3 Bar
Safety Relief Valve	6 bar
Expansion Vessel Charge	3 Bar
Expansion Relief Valve	6 Bar
Flexible Hose for Expansion Vessel	Supplied loose
Bracket for Expansion Vessel	Supplied loose
Immersion Heater	13/4—240V—3kW
Tundish	1/2" x 22mm

Dimensions

	A	B	C	D	E	F	G	Weight Full (kg)
305 (4m ²)	575	2023	1800	202	182	272	1035	365
400 (4m ²)	750	1630	1376	315	333	405	1035	490
500 (4m ²)	750	1780	1526	315	333	405	765	605

All Dimensions are nominal and in mm