



Twin Coil Domestic Hot Water Cylinder

Features and Benefits

- Designed for heat pump and solar applications
- Large coil to improve heat transfer
- Ease of installation
- Manufactured from Duplex stainless steel
- UK manufactured
- 25 year guarantee for the shell



Product Description

Kensa has partnered with a [leading cylinder manufacturer \(Advance Appliances\)](#) to design and produce an indirect hot water cylinder designed for use with heat pumps and solar systems.

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.

Tanks installed on private water supplies are sold

without a warranty.

As the cylinder contains a second coil it can be installed to allow solar thermal to heat the domestic hot water in the summer with the heat pump taking over during the winter. The cylinder operates equally well solely using the heat pump, providing the possibility of the solar being installed at a later date.

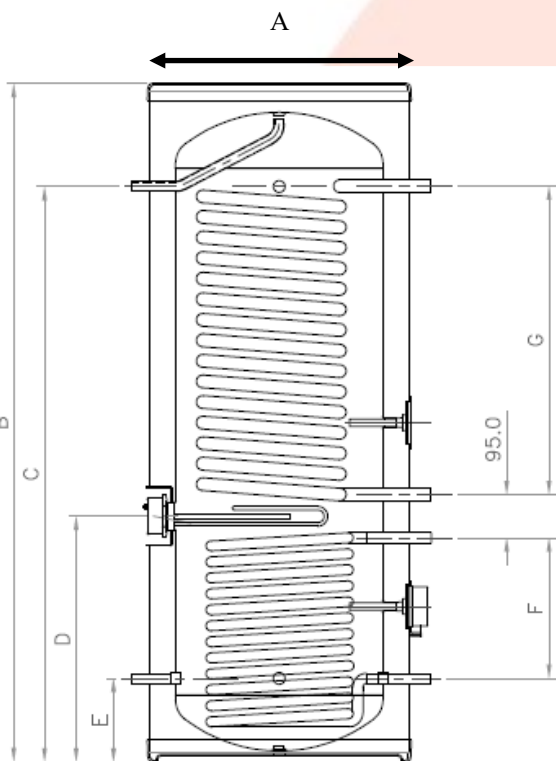
Also supplied: One 3kW immersion heater and G3 kit.



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Kensa Model No.	Volume	Weight Full	Heat Pump Coil	Expansion Vessel	Heat Loss	Heat Pump Coil Size	ErP Rating
	Litres	kg	m ²	Capacity (litres)	W/24hrs @ 55°C		
95-080A	215	275	2.0	18	58	DN25	B
95-081A	255	315	2.0	24	63	DN25	B
95-084A	305	370	3.0	24	69	DN25	B
95-088A	305	375	3.0	24	69	DN32	B
95-089A	400	500	3.0	50	93	DN32	C
95-090A	500	615	3.0	50	99	DN32	C

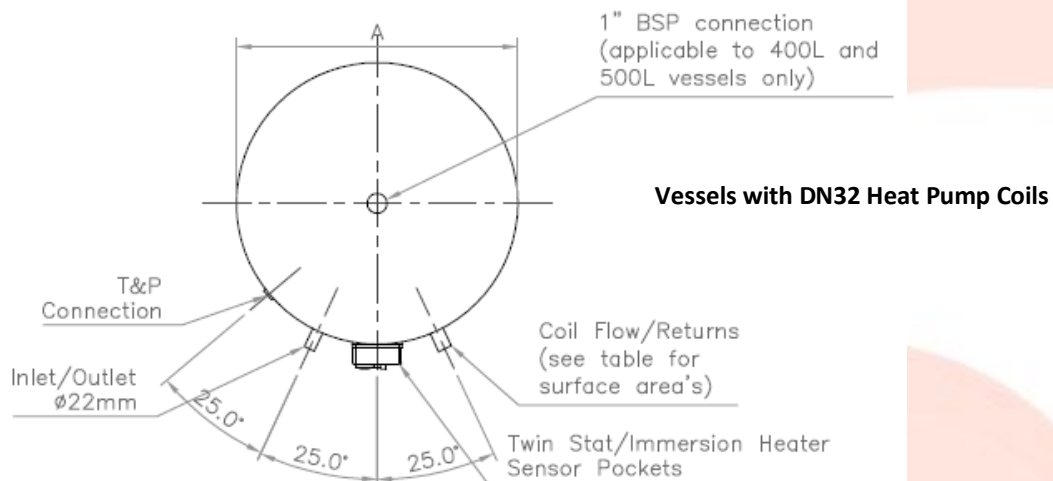
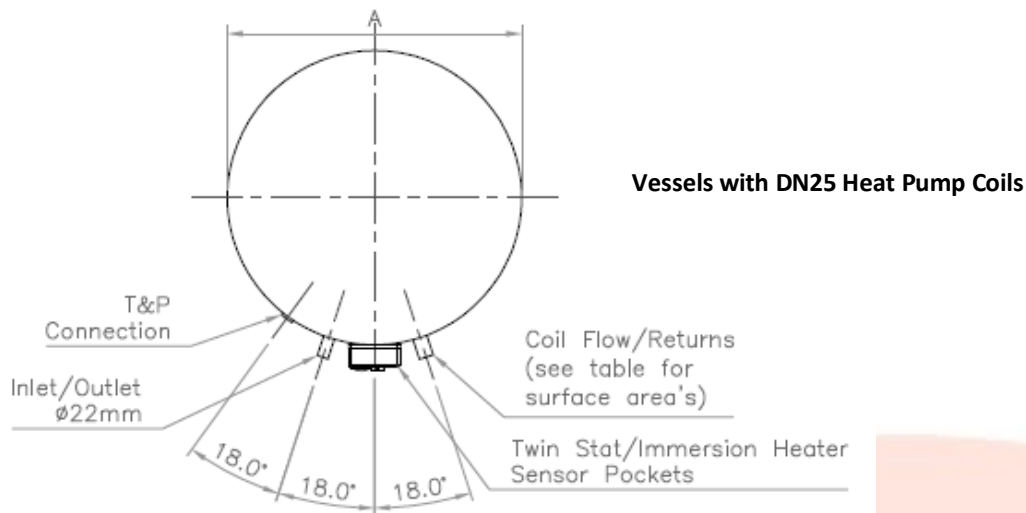
Material	Duplex Stainless Steel
Operating Pressure Tank and Coils	3 Bar—95°C
P & T Valve Rating	7 Bar—95°C
Pressure Reducing Valve	Max Pressure 12 Bar/ Control Pressure 3 Bar
Expansion Vessel Charge	3 Bar
Expansion Relief Valve	6 Bar



	Vessel Capacity (L)					
	215	255	305	305	400	500
Solar Coil m2	1.1	1.1	1.1	1.1	1.1	1.1
Solar Connection Size	DN20	DN20	DN20	DN20	DN22 stubs	DN22 stubs
Heat Pump Connection size	DN25	DN25	DN25	DN32	DN32	DN32
Dimension	mm					
A	575	575	575	575	580	750
B	1485	1750	2023	2023	2190	1999
C	1259	1527	1800	1800	1650	1595
D	538	538	538	538	500	500
E	182.5	182.5	182.5	182.5	450	450
F	270	270	270	270	100	100
G	675	675	675	900	1080	1080



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Also supplied: Control and high limit thermostat (for the solar coil), one 2 port motorised valve (for the solar coil), one 3kW immersion heater, expansion vessel complete with bracket and flexible hose and tundish. The units meet current Building Regulations, are manufactured in the UK and are guaranteed for 25 years (components 2 years).