

SMART ME 800



Stainless steel indirect cylinder with additional coil for use with multi-energy sources to produce domestic hot water.



- > Ideal for use with renewable energy such as heat pumps, solar, heat recovery and in district heating schemes due to large primary store
- > Reduces legionella risk due to temperature: hot water stored at > 60°C
- > Low maintenance with no anode protection required
- > The carbon steel coil enables this product to be used in a variety of installations including system separation for a heating circuit
- > 5 year warranty* (T&Cs apply)
- > Low standing losses – cylinder comes with 100mm Polyurethane mattress
- > Can provide dual temperature outputs for different circuits such as underfloor heating (low temperature) and DHW (high temperature)
- > Cost effective solution, simple installation with no de-stratification kit needed and no flue requirements



5 year
warranty



Tank-in-tank technology

- > **Fast** heat up
- > **Rapid** recovery
- > **Reduced** footprint
- > **Reduced** scale
- > **Low** storage required
- > **Minimal** heat loss

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*Terms & conditions available at www.acv.com/gb/customer/warranties.

TECHNICAL DATA AND DIMENSIONS

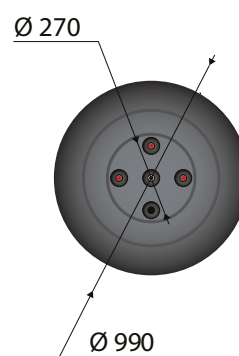
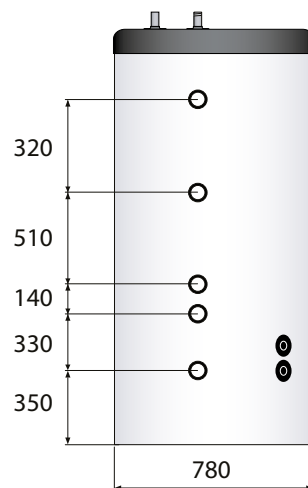
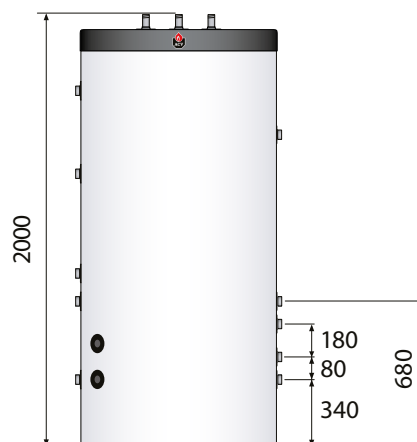
TYPE	UNIT	SLME 800
Part number		06625301
Capacity (domestic hot water)	L	263
Capacity (total)	L	800
Max operating pressure (coil)	bar	10
Max operating temperature (DHW)	°C	80
Max operating pressure heating (primary)	bar	4
Max operating pressure (DHW)	bar	8.6
Connection - DHW	Ø"	1½ M
Connection - primary	Ø"	1 F
Connection - re-circulation / safety valve	Ø"	1½ M
Corresponding flow in coil	L/h	3000
Max absorbed heat (Heat source: coil)	kW	35
Weight (empty)	kg	220
Primary heater pressure drop (EN12897:2016)	mbar	58.5
Standing losses	W	134
Standing losses	kWh/day	3.216

Domestic hot water performance

TYPE	UNIT	SLME 800
Peak flow at 40°C	L/10'	922
Peak flow 1st hour at 40°C	L/60'	2666
Continuous flow at 40°C	L/h	2093
Peak flow at 45°C	L/10'	790
Peak flow 1st hour at 45°C	L/60'	2285
Continuous flow at 45°C	L/h	1794
Peak flow at 60°C	L/10'	504
Peak flow 1st hour at 60°C	L/60'	1368
Continuous flow at 60°C	L/h	1037
Heating surface area	m²	3
Max absorbed heat (Heat source: boiler)	kW	73
Reheat time (EN 12897)	min	10

This data assumes an incoming mains water temperature of 10°C.

*In line with the recommendations specified in UK Building Regulations (2016) Part G, ACV UK Ltd advise the installation of a suitable domestic hot water thermostatic mixing valve on the hot flow immediately after the appliance.



All dimensions in mm.