

Smart ME 400

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
- > Long life – 25-year guarantee* on the corrosion resistant stainless steel cylinder
- > Low standing losses – cylinder comes with thick polypropylene jacket
- > Can provide dual temperature outputs for different circuits such as underfloor heating (low temperature) and DHW (high temperature)
- > Suitable for unvented systems – supplied as a complete package including 3.5 bar mains unvented kit
- > Maximise capacity of the cylinder with DHW mixing valve and 2 port valve supplied as standard
- > Supplied with 3kW immersion heater (6kW option available)
- > Fits through a standard doorway for access to plant room
- > Cost effective solution, simple installation with no de-stratification kit needed and no flue requirements

Tank-in-tank technology

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



ACV UK Ltd

St. David's Drive, St. David's Business Park, Dalgety Bay, Fife, KY11 9PF
uk.sales@acv.com | acv.com

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

Technical data and dimensions

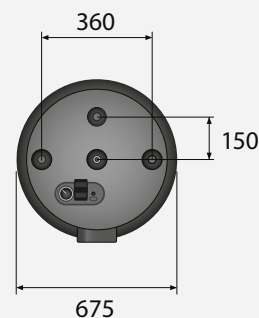
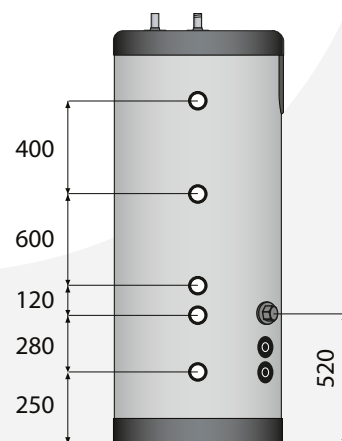
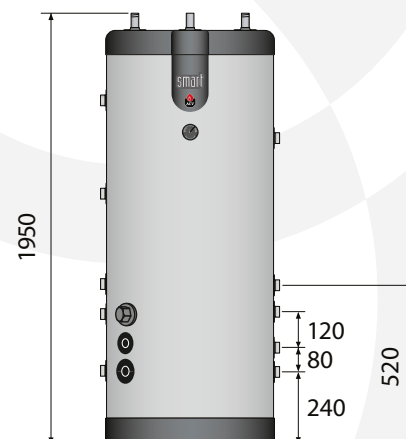


TYPE	UNIT	SLME 400
Part number		XB314000
Capacity (domestic hot water)	L	164
Capacity (total)	L	395
Max operating pressure (coil)	bar	10
Max operating temperature (DHW)	°C	80
Max operating pressure heating (primary)	bar	4
Max operating pressure (DHW)	bar	8.6
Connection - heating element	Ø"	1 ½ F
Connection - DHW	Ø"	¾ M
Connection - primary	Ø"	1 F
Connection - re-circulation / safety valve	Ø"	¾ M
Corresponding flow in coil	L/h	3000
Max absorbed heat (Heat source: coil)	kW	25
Weight (empty)	kg	120
Energy efficiency storage class		C
Primary heater pressure drop (EN12897:2016)	mbar	53.5
Standing losses	W	87
Standing losses	kWh/day	2.088

Domestic hot water performance

TYPE	UNIT	SLME 400
Peak flow at 40°C	L/10'	558
Peak flow 1st hour at 40°C	L/60'	1633
Continuous flow at 40°C	L/h	1289
Peak flow at 45°C	L/10'	464
Peak flow 1st hour at 45°C	L/60'	1338
Continuous flow at 45°C	L/h	1048
Peak flow at 60°C	L/10'	274
Peak flow 1st hour at 60°C	L/60'	786
Continuous flow at 60°C	L/h	614
Heating surface area	m ²	1.8
Max absorbed heat (Heat source: boiler)	kW	43
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.