

SMART L 420



Stainless steel indirect cylinder for domestic hot water.



- > Cost effective solution, simple installation with no de-stratification kit needed and no flue requirements
- > Low maintenance with no anode protection required
- > Low standing losses – cylinder comes with polyurethane foam insulation and hard-wearing polypropylene finish
- > Reduces legionella risk due to temperature: hot water stored at > 60°C
- > 5 year warranty* (T&Cs apply)
- > Simplified wiring with 'plug and play' electrical connection
- > Suitable for vented or unvented systems (optional Systempak unvented kit required)



5 year warranty



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	SL 420
Dimensions A	mm	2024
Dimensions B	mm	1705
Dimensions C	mm	250
Dimensions D	mm	673

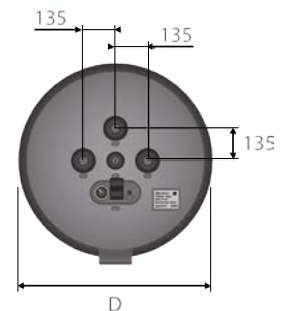
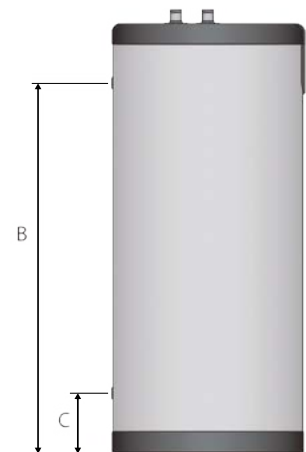
TYPE	UNIT	SL 420
Part number		06618694
Capacity (domestic hot water)	L	358
Capacity (total)	L	413
Connection - primary	Ø"	1 ½ F
Connection - DHW	Ø"	1 ½ M
Connection - re-circulation / safety valve	Ø"	1 ½ M
Max operating temperature	°C	90
Max operating pressure heating (primary)	bar	4
Max design pressure (DHW)	bar	10
Energy efficiency storage class		C
Weight (empty)	kg	167
Standing loss (Energy label)	W	84
Standing loss	Kwh/day	2.016

Domestic hot water performance

TYPE	UNIT	SL 420
Peak flow at 40°C	L/10'	1195
Peak flow 1st hour at 40°C	L/60'	3151
Continuous flow at 40°C	L/h	2536
Peak flow at 45°C	L/10'	1012
Peak flow 1st hour at 45°C	L/60'	2608
Continuous flow at 45°C	L/h	2058
Peak flow at 60°C	L/10'	620
Peak flow 1st hour at 60°C	L/60'	1513
Continuous flow at 60°C	L/h	1153
Heating surface area	m ²	1.8
Max absorbed heat (Heat source: boiler)	kW	88
Pre-heating time from 10 to 80°C (Heat source:	min	24

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.