

# Smart Green 160

Stainless steel indirect cylinder with A rated storage class for domestic hot water.



- > Cost effective solution, simple installation with no de-stratification kit needed and no flue requirements
- > Exceptionally low standing losses – cylinder comes with polyurethane foam insulation and thick polypropylene jacket
- > Fast heat up and recovery using the unique tank-in-tank design
- > Reduces legionella risk due to temperature: stored at > 60°C
- > Low maintenance with no anode protection required
- > Exceeds regulations with Class A energy rating
- > Long life – 25-year guarantee\* on the corrosion resistant stainless steel cylinder
- > Simplified wiring with 'plug and play' electrical connection
- > Fits through a standard doorway for access to plant room
- > Can easily be coupled to a condensing boiler
- > Easy to control using integrated thermostat or option to use boiler controls
- > Maximise capacity of the cylinder with DHW mixing valve and 2 port valve supplied as standard
- > Suitable for unvented systems – supplied as a complete package with Smartpak 1 including 3.5 bar mains unvented kit

## Tank-in-tank technology

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



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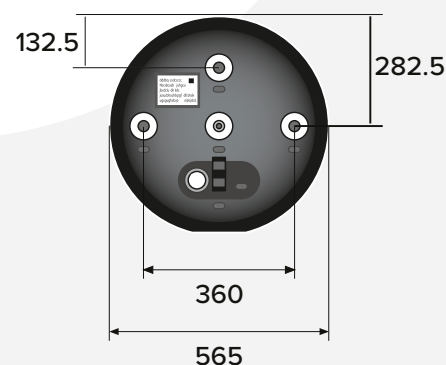
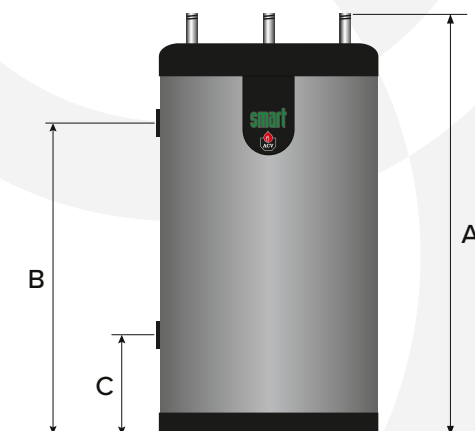
\*Terms & conditions available at [www.acv.com/gb/customer/warranties](http://www.acv.com/gb/customer/warranties).

# Technical data and dimensions



TYPE	UNIT	SL160G
Dimensions A	mm	1225
Dimensions B	mm	960
Dimensions C	mm	235

TYPE	UNIT	SL160G
Part number		XB321600
Capacity (total)	L	161
Capacity (domestic hot water)	L	126
Connection - primary	Ø"	1 F
Connection - DHW	Ø"	¾ M
Connection - re-circulation / safety valve	Ø"	¾ M
Max operating temperature	°C	90
Max operating pressure (DHW)	bar	8.6
Max operating pressure heating (primary)	bar	3
Weight (empty)	kg	65
Energy efficiency storage class		A
Standing loss	W	38
Standing loss	kWh/day	0.912



## Domestic hot water performance

TYPE	UNIT	SL160G
Peak flow at 40°C	L/10'	406
Peak flow 1st hour at 40°C	L/60'	1349
Continuous flow at 40°C	L/h	1132
Peak flow at 45°C	L/10'	348
Peak flow 1st hour at 45°C	L/60'	1156
Continuous flow at 45°C	L/h	970
Peak flow at 60°C	L/10'	209
Peak flow 1st hour at 60°C	L/60'	689
Continuous flow at 60°C	L/h	576
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.