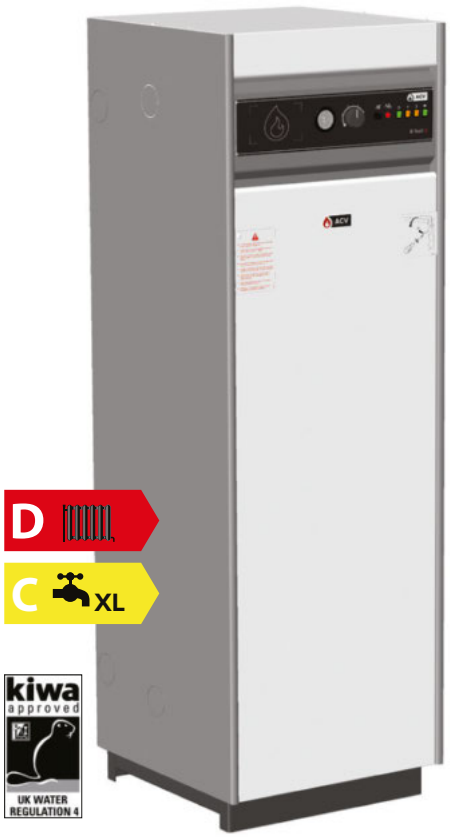
E-Tech S 160 single phase

ACV
EXCELLENCE IN HOT WATER

Floor standing electric combination boiler.



- Prepare for a carbon-free future with electric
- Heating and hot water from unit saves space, money, and speeds up installation
- Simple installation anywhere in the building due to no flues needed and quiet operation
- Low maintenance (no annual landlord certification)
- Can be used as a stand alone water heater
- Low standing losses – boiler insulated with rigid polyurethane foam without CFC projected 70 mm
- Long life – 25-year guarantee* on the corrosion resistant stainless steel cylinder
- An economical alternative to LPG and oil for off-grid locations

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

Name	UNIT	E-Tech S 160 single phase
Dimensions A	mm	1342
Dimensions B	mm	590
Dimensions C	mm	728
Dimensions D	mm	928
Dimensions E	mm	249
Dimensions F	mm	402
Dimensions G	mm	181

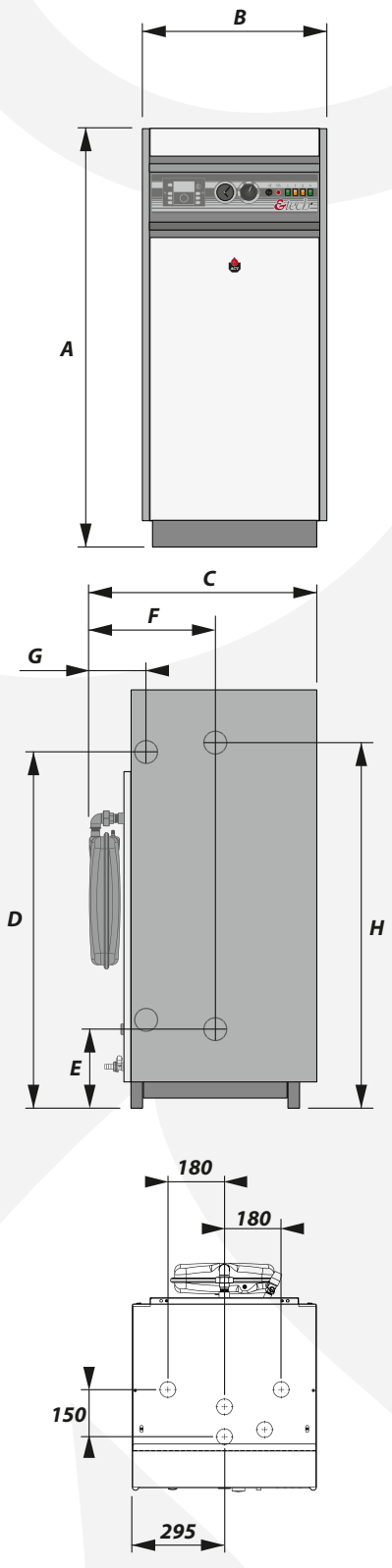
Name	UNIT	E-Tech S 160 single phase
Part number		XB501600
Output power max (80/60°C)	kW	14.4
Capacity (total)	L	167
Capacity (domestic hot water)	L	99
Connection - heating	Ø”	1 F
Connection - DHW	Ø”	¾ M
Weight (empty)	kg	115
Max operating temperature	°C	85
Max service pressure heating (primary)	bar	3
Max service pressure (DHW)	bar	10
Voltage	V	1x230 + N
Space heating energy efficiency class		D
Water heating energy efficiency class		C
Seasonal space heating efficiency	%	37
Sound power level indoors LWA	dB	30
Declared load profile		XL
Standby loss	kWh/day	1.32
Number of heating elements		6 x 2

Domestic hot water performance

Name	UNIT	E-Tech S 160 single phase
Peak flow at 40°C	L/10’	356
Peak flow 1st hour at 40°C	L/60’	700
Continuous flow at 40°C	L/h	413

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 fl ow immediately after the appliance.

Clearances	(minimum)
Above	300
Front	500
On the heating circuit connections side	150



All dimensions in mm.