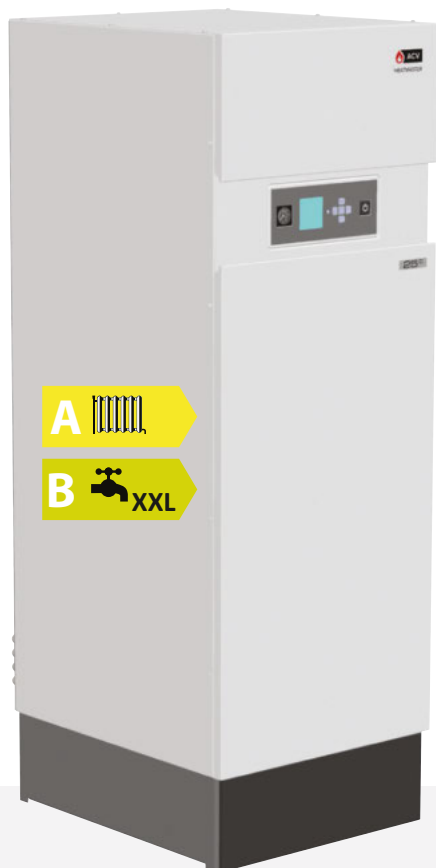


# HeatMaster® 25 C



**Combined gas fired condensing boiler & water heater  
with stainless steel heat exchanger.**



- > Heating and hot water from one unit saves space, reduces energy use and speeds up installation
- > Operates in most efficient mode (condensing) for heating
- > Low maintenance with no anode protection required
- > Easy to use standardised controls using ACVMax control system
- > Suited to smaller premises and lower flow rate requirements (smaller DHW tank than 25TC)
- > Corrosion-resistant stainless steel heat exchanger backed by a 10-year warranty\* reduces maintenance and increases system lifespan
- > Long life – 25-year guarantee\* on the corrosion-resistant stainless steel cylinder
- > Suitable for unvented systems – supplied with Systempak 1 including 3.5 bar mains unvented kit and DHW mixing valve
- > Supplied with LPG kit for on-site conversion
- > Reduces legionella risk due to water stored at > 60°C

## Tank-in-tank technology

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



## ACV UK Ltd

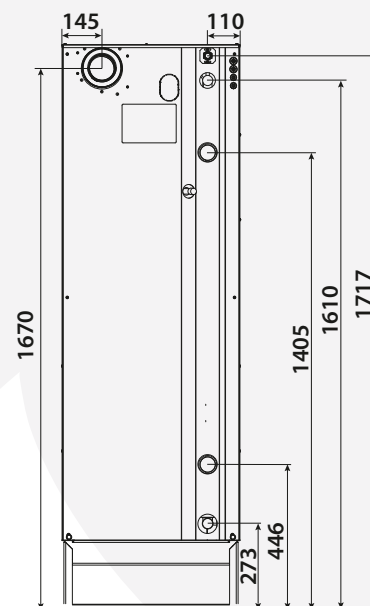
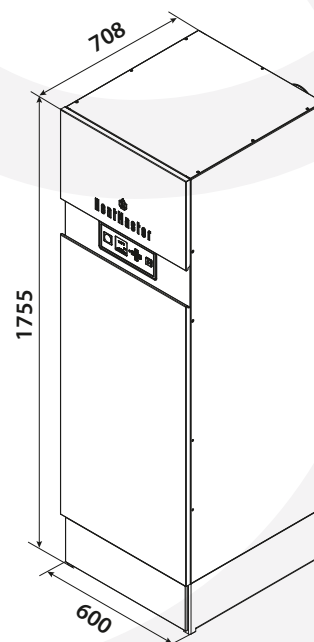
St. David's Drive, St. David's Business Park, Dalgety Bay, Fife, KY11 9PF  
uk.sales@acv.com | acv.com

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

# Technical data and dimensions



Type	Unit	HM25C
Part number		XB600002
Fuel		Natural gas
Input max (heating) HCV	kW	27.8
Input min (heating) G20	kW	5
Output power max (80/60°C)	kW	24.3
Efficiency at 30% load (EN15502-1) – nett	%	109.0
Capacity (domestic hot water)	L	80
Capacity (total)	L	200
Connection - heating	Ø"	1F
Connection - DHW	Ø"	1M
Connection gas	Ø"	¾ M
Flue connection	Ømm	80/125
Water pressure drop boiler at Δt = 20°C	mbar	3
Gas flow rate (max output)	m³/h	2.66
Weight (empty)	kg	174
Max operating temperature	°C	87
Max service pressure heating (primary)	bar	3
Max service pressure (DHW)	bar	8.6
Voltage	V	230
Declared load profile		XXL
NOx class (EN15502)		6
NOx weighted (GCV) (EN15502)	mg/kWh	26.3
Space heating energy efficiency class		A
Water heating energy efficiency class		B
Seasonal space heating efficiency	%	96.7
Standby loss ΔT 30K	W	79
Standby loss ΔT 45K	W	124



## Domestic hot water performance

Type	Unit	HM25C
Peak flow at 40°C	L/10'	233.5
Peak flow 1st hour at 40°C	L/60'	748
Continuous flow at 40°C	L/h	617
Peak flow at 60°C	L/10'	145
Peak flow 1st hour at 60°C	L/60'	478
Continuous flow at 60°C	L/h	400

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.

Clearances	(minimum)
Top	300mm
Left side	600mm
Right side	250mm
Rear	400mm

Every effort has been taken to ensure the details are accurate. ACV UK Limited does not, however, guarantee the accuracy or completeness of any information nor does it accept liability for any errors or omissions in the information. ACV UK Limited reserves the right to make changes and improvements which may necessitate alteration to product specification without prior notice.