

Assure Heat 13kW-30kW

High Efficiency Wall Hung Condensing Gas Boiler

The Potterton Assure Heat is, at only 19.5kg, the lightest boiler available on the UK market**. It has a rear and central flue option and does not need a pump overrun or permanent live, making it suitable as a replacement for old boilers.



Features

Outputs 13kW, 16kW, 19kW, 25kW and 30kW

Top or rear central flue

Simple fixing of rear flue

No pump overrun or permanent live required

Only 19.5kg installer fit weight

Cupboard fit

Easy fit wall mounting bracket

One metre lead included

Front and side access

Flueing options of up to 12m

Vertical packaging

2 Year Warranty*

Benefits

To suit most property sizes

For reduced boiler footprint and improved look

For easy and fail-safe flue fixing

Saves time and money during installation, and less disruption for the house holder

The lightest boiler available in the UK**

Can be installed discreetly

Robust with a positive fix and audible lock so you know it's secure

Easy to install and you don't need access to the control box

Servicing is easier and quicker, and no special tools are required

Allowing for greater flexibility of siting

Allows for ease of access to all installation accessories from top of the packaging

For peace of mind

*Subject to terms and conditions. See www.potterton.co.uk

**As at September 2018

Specification

	Units	13	16	19	25	30
Sales code (boiler only)		7668937	7668938	7668939	7668940	7668941

Controls

Operating mode selector switch with reset		Yes	Yes	Yes	Yes	Yes
User adjustable CH temperature		Yes	Yes	Yes	Yes	Yes
LED temp/status/fault diagnosis display		Yes	Yes	Yes	Yes	Yes

Gas

Gas (natural gas/LPG)		NG	NG	NG	NG	NG
Inlet supply pressure	mbar	20	20	20	20	20
Heat input CH	kW max gross (QnHs)	14.88	18.32	21.75	28.62	34.35
	kW min gross (QnHs)	8.59	8.59	8.59	8.59	8.59
Heat output CH (non condensing)	kW max (Pn)	13	16	19	25	30
	kW min (Pn)	7.5	7.5	7.5	7.5	7.5
Inlet supply pressure (natural gas)	mbar	20	20	20	20	20
Maximum gas rate	m ³ /hr	1.42	1.75	2.07	2.73	3.27

ErP product information

NOx	mg/kWh	18	20	21	24	24
NOx class		6	6	6	6	6
Sound power level, indoors	L _{WA} dB	37	39	41	45	49
Seasonal space heating energy efficiency	%	93	93	93	93	93
Space heating efficiency class		A	A	A	A	A

Electrical

Electrical supply	volts/Hz	230/50	230/50	230/50	230/50	230/50
Permanent live required		No	No	No	No	No
Switched live		Yes	Yes	Yes	Yes	Yes
Electrical power cable fitted as standard, 1m of 3 core		Yes	Yes	Yes	Yes	Yes
Power consumption	Watts	17	20	23	33	44
External fuse rating	Amps	3	3	3	3	3
Internal fuse rating		1.6T	1.6T	1.6T	1.6T	1.6T
Ingress protection rating		IPX4D	IPX4D	IPX4D	IPX4D	IPX4D
Pump overrun		No	No	No	No	No

Outputs

**13, 16, 19, 25
and 30kW**

Installer lift weight

Only
19.5kg

Simple fixing of rear flue

For easy and fail
safe flue fixing

	Units	13	16	19	25	30
Mechanical						
Gas supply connection	mm	22	22	22	22	22
Central heating connections	mm	22	22	22	22	22
Condensate drain connection	mm	21.50	21.50	21.50	21.50	21.50
Upward piping route	mm	Yes	Yes	Yes	Yes	Yes
Flow / return pipe size	mm	22	22	22	22	22

Hydraulic						
Compartment ventilation requirement		No	No	No	No	No
CH system inhibitor required		Yes	Yes	Yes	Yes	Yes

Concentric flue systems						
Standard horizontal flue kit length (60/100mm)	mm	685	685	685	685	685
Standard telescopic concentric flue length	mm	315 - 500				
Standard in-case rear telescopic concentric flue	mm	220 - 345				
Horizontal concentric (60/100 mm) Max equivalent length	m	6	6	6	6	6
Horizontal concentric (60/100 mm) Reduction per 135° bend	m	0.5	0.5	0.5	0.5	0.5
Horizontal concentric (60/100 mm) Reduction per 93° bend	m	1	1	1	1	1
Horizontal concentric (80/125 mm) Max equivalent length	m	12	12	12	12	12

Weights						
Maximum installation lift weight	kg	19.5	19.5	19.5	19.5	19.5
Gross packaged boiler weight	kg	21.5	21.5	21.5	21.5	21.5

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public sector
housing and
newbuild

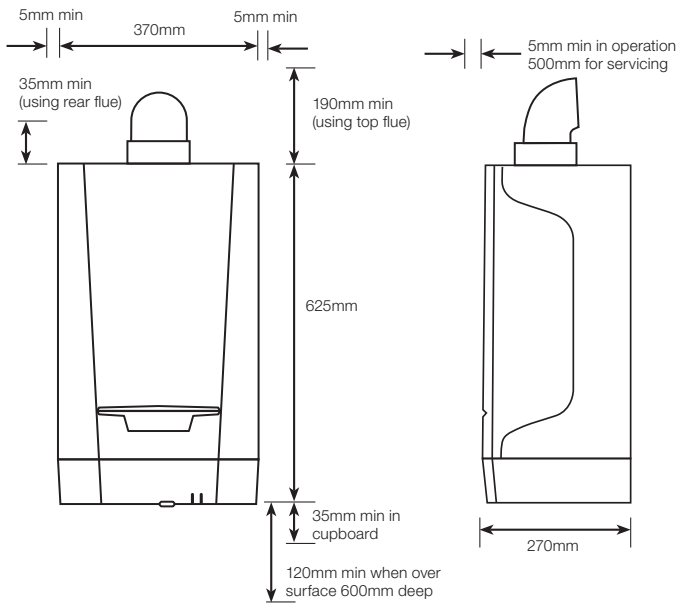
Manufactured
in the UK
for 150 years

Our boilers
use tried
and tested
technology



Dimensions

Assure Heat 13kW - 30kW



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