

# Assure Heat

## Wall-hung heat-only gas boiler

The light weight Baxi Assure heat-only gas boiler has a compact design and the discreet in-case rear flueing option gives an attractive, contemporary look that suits any modern interior. With no pump overrun it is easier & quicker to install saving time and money.



**RANGE OF  
OUTPUTS**



**NO PUMP  
OVERRUN**



**UK'S  
LIGHTEST  
BOILER**



**COMPACT  
DESIGN**



### Versatile

- Available in outputs of 13, 16, 19, 25 and 30kW to suit most property types and sizes
- Up to 12m top or rear flueing options when using 80/125 flue system

### Easy to install

- One metre lead included, meaning access to the control box isn't necessary
- Installed easily and discreetly in just about any kitchen cupboard
- With a lift weight from only 17.5kg, it's the UK's lightest boiler\*
- Comes with a secure locking wall-mounting bracket
- No permanent live or pump overrun needed, so installation is easier and quicker, saving time and money

### Efficient

- Achieves optimum SAP and DER ratings for standard heat only boiler usage
- Compatible with the Baxi Assure range of hot water storage cylinders

### User-friendly

- Front and side access makes it easy to service and maintain with minimal disruption
- Whisper-quiet operation so can be installed within living areas without causing disturbance to end users

### Reliable

- Proven Baxi component technology with excellent reliability and peace of mind.
- Expertly manufactured in the UK by a trusted brand with over 150 years' experience
- Covered by 2 years' parts and labour warranty as standard, with extended options also available

# Technical details

	UNITS	13	16	19	25	30
Product code		7749446	7749447	7749448	7749449	7749450

Product Characteristics Database index number (PCDB)		018748	018749	018750	018751	018752
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## 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 diagnostic display		Yes	Yes	Yes	Yes	Yes

## GAS

Gas type (natural gas / LPG)		NG	NG	NG	NG	NG
Inlet supply pressure (natural gas)	mbar	20	20	20	20	20
Heat input CH	kW max gross (QnHs)	14.9	18.3	21.8	28.6	34.4
	kW min gross (QnHs)	8.6	8.6	8.6	8.6	8.6
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
Maximum gas rate	m <sup>3</sup> / hr	1.42	1.75	2.07	2.73	3.27

## ErP PRODUCT INFORMATION

NO <sub>x</sub>	mg / kWh	18	20	21	24	25
NO <sub>x</sub> class		6	6	6	6	6
Sound power level, indoors	L <sub>WA</sub> dB	37	39	41	45	49
SAP 2009 annual efficiency (PCDB / SEDBUK)	%	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	Approval category	IPX4D	IPX4D	IPX4D	IPX4D	IPX4D
Pump overrun		No	No	No	No	No

## MECHANICAL

Gas supply connection	mm	22	22	22	22	22
Central heating connections	mm	22	22	22	22	22
Condensate drain connection	mm	21.5	21.5	21.5	21.5	21.5
Top heating pipe connections		Yes	Yes	Yes	Yes	Yes

## HYDRAULIC

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

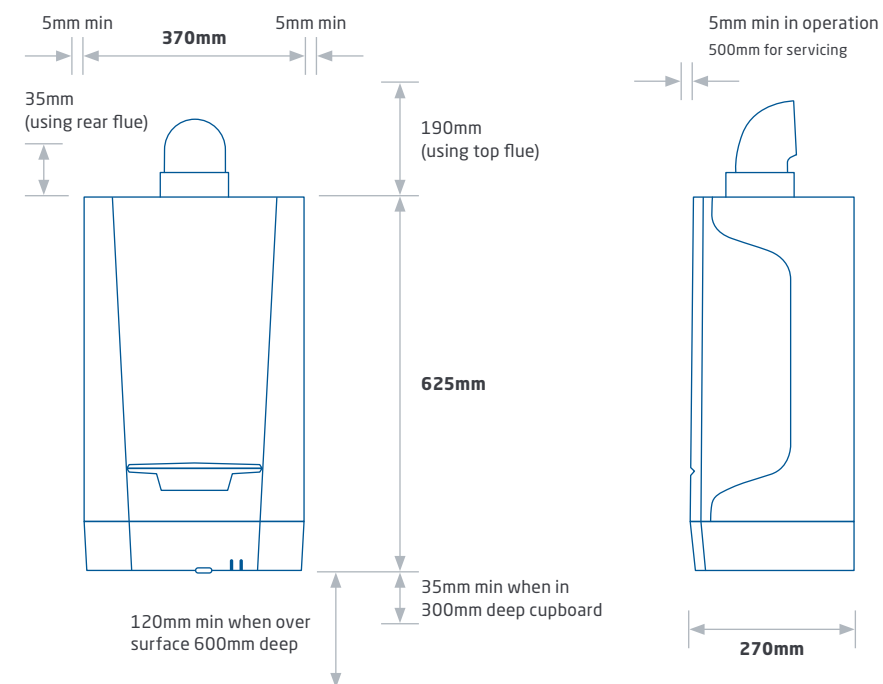
## CONCENTRIC FLUE SYSTEMS

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

## WEIGHTS

Maximum installation lift weight	kg	17.5	17.5	17.5	17.5	19.5
Appliance packed gross weight (kg)	kg	19.5	19.5	19.5	19.5	21.5

## DIMENSIONS AND SERVICE CLEARANCES



## INSIDE THE BOILER



# How we can help you

With Baxi, the heating system is only part of the story. We're also passionate about giving you the service and support you need, for the lifetime of your Baxi product.

## Baxi Design

Our design service team will plan and configure installations around each property's unique requirements, free of charge.

## Baxi Genuine Parts

We have a full range of approved spares and quality heating essentials for all Baxi Assure products. Visit [baxi.co.uk/genuineparts](https://baxi.co.uk/genuineparts) for more information.

## Literature and BIM libraries

We have installation instructions, user guides and BIM files for our product ranges, available at [baxi.co.uk/specification](https://baxi.co.uk/specification)

## Unique maintenance plans

We provide comprehensive homeowner maintenance and support plans.

## Baxi Project Hub

Baxi Project Hub is our intuitive project management portal, where specifiers and contractors can register Warranty and Gas Safe notifications for Baxi Assure installed products. There's also the Project Hub app, so that warranty registrations and Gas Safe notifications can be done on site. Visit [baxi.co.uk/projecthub](https://baxi.co.uk/projecthub) or speak to your Business Development Manager to find out more.

## Product Training

We offer practical, hands-on courses, covering all Baxi Assure products. They're carried out by qualified experts at our state-of-the-art training centres nationwide. Visit [baxi.co.uk/assuretraining](https://baxi.co.uk/assuretraining) or speak to your Business Development Manager to find out more.

## Expert service and support

We're always here to help with product queries, installations and maintenance. Visit [baxi.co.uk/trade/assuretechnical](https://baxi.co.uk/trade/assuretechnical) or call our Technical Support Helpline on 0344 871 1525 for more information.

## For everything else

Contact your Business Development Manager at [baxi.co.uk/assurecontact](https://baxi.co.uk/assurecontact) for more information.

## Baxi Assure, The Complete Home Service

As the UK moves towards a carbon neutral future alongside an ever growing demand for housing, providers are having to take a fresh approach. That means more tenanted social housing, and more economical, energyefficient new homes.

With our fresh approach, we'll make sure we deliver the reliable, efficient heating and hot water solutions our specification partners need – for today and tomorrow.

The Baxi Assure range of solutions does just that, with a broad range of boiler, cylinder and low-carbon product packages to suit any new build or refurbished property.

**Find out more at [baxi.co.uk/specification](https://baxi.co.uk/specification)**

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