

Baxi Assure Combi

Wall-hung natural gas or LPG boiler

For new builds and refurbishments, the Baxi Assure Combi provides energy efficient and reliable hot water on demand as it only heats the water that's required. Its compact size and built-in stand off frame helps to keep a neat finish and save valuable space in a home.



**EXCELLENT
SAP
BENEFITS**



**FLEXIBLE
OUTPUTS**



**COMPACT
SIZE**



**PIPES
BEHIND
FACILITY**

Versatile

- Available in outputs of 25, 30 and 36kW to suit most property types
- Natural gas and LPG models available
- Industry-leading choice of flue lengths and bends

Easy to install

- Small enough to fit in 290mm-deep cupboards
- Installation weight from 29.5kg
- Centrally positioned top flue
- Pipes behind facility within footprint of the boiler casing

Efficient

- Achieves optimum SAP and DER ratings for standard combi boiler usage
- Fully modulating operation uses just the right amount of fuel every time, saving energy and money
- Option to add our In Flue Outdoor Sensor (IFOS) for improved comfort, SAP ratings and Part L compliance

User-friendly

- Temporary rigid filling link included for easy filling and topping up of the system
- Compatible with the Baxi uSense smart thermostat so it can be controlled remotely using the app
- Easy to service and maintain with no specialist tools or service kits required
- Whisper-quiet operation so can be installed within living areas without causing disturbance to end users

Reliable

- Flow rate of up to 15 litres per minute with a 35°C rise; perfect for new builds
- Reliably strong and corrosion-resistant brass hydraulics
- Built-in drip tray protects the boiler from rain ingress in extreme weather conditions
- Proven Baxi component technology for excellent reliability & peace of mind.
- Covered by 2 years parts and labour warranty as standard, with extended options also available

Technical details

	UNITS	25 NG	30 NG	36 NG	25 LPG	30 LPG	36 LPG
Product code		7750736	7750790	7750791	7750792	7750793	7703842
Product Characteristics Database index number (PCDB)		018736	018737	018738	018739	018740	018741
WEIGHTS							
Maximum installation lift weight	kg	29.2	29.2	30.5	29.2	29.2	30.5
Appliance packed gross weight (kg)	kg	32.2	32.2	33.5	32.2	32.5	33.5
CONTROLS							
Reset button		Yes	Yes	Yes	Yes	Yes	Yes
User adjustable DHW temperature		Yes	Yes	Yes	Yes	Yes	Yes
User adjustable CH temperature		Yes	Yes	Yes	Yes	Yes	Yes
LCD temp / status / fault diagnosis display		Yes	Yes	Yes	Yes	Yes	Yes
GAS							
Gas (natural gas / LPG)		NG	NG	NG	LPG	LPG	LPG
Inlet supply pressure	mbar	20	20	20	37	37	37
Maximum gas rate (natural gas)	m ³ / hr	2.71	3.26	3.81	-	-	-
Maximum gas rate (LPG)	kg / hr	-	-	-	1.98	2.38	2.83
Heat input central heating CH	kW max gross (QnHs)	22.9	28.6	28.6	22.9	28.6	28.6
	kW min gross (QnHs)	6.9	6.9	7.4	6.9	6.9	7.4
Heat output CH (non condensing)	kW max (Pn)	20.0	25.0	25.0	20.0	25.0	25.0
	kW min (Pn)	6.2	6.2	6.7	6.2	6.2	6.7
Heat output CH (condensing)	kW max (Pnc)	21.2	26.4	26.4	21.2	26.4	26.4
	kW min (Pnc)	6.7	6.7	6.7	6.7	6.7	6.7
Heat input domestic hot water	kW max gross (QnWHs)	28.6	34.3	40.8	28.6	34.3	40.8
Heat output domestic hot water	kW max (Pn)	25.0	30.0	36.0	25.0	30.0	36.0
ErP PRODUCT INFORMATION							
NO _x	mg / kWh	31	31	39	31	31	39
NO _x class		6	6	6	6	6	6
Space heating efficiency class		A	A	A	A	A	A
Water heating declared load profile		XL	XL	XL	XL	XL	XL
Water heating efficiency class		A	A	A	A	A	A
Seasonal space heating energy efficiency	%	93	93	93	93	93	93
Sound power level, indoors	L _{WA} dB	48	51	51	48	51	51
ELECTRICAL							
Electrical supply	Volts / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Permanent live required		Yes	Yes	Yes	Yes	Yes	Yes
Power consumption	Watts	68	80	110	68	80	110
External fuse rating	Amps	3	3	3	3	3	3
Internal fuse rating		F2AH / 250V	F2AH / 250V	F2AH / 250V	F2AH / 250V	F2AH / 250V	F2AH / 250V
Ingress protection rating		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D
Integral 'boiler only' frost thermostat		Yes	Yes	Yes	Yes	Yes	Yes

COMFORT CONTROLS, EFFICIENCY BOOSTERS & FLUE KITS Find compatible products at baxi.co.uk/specification

MECHANICAL

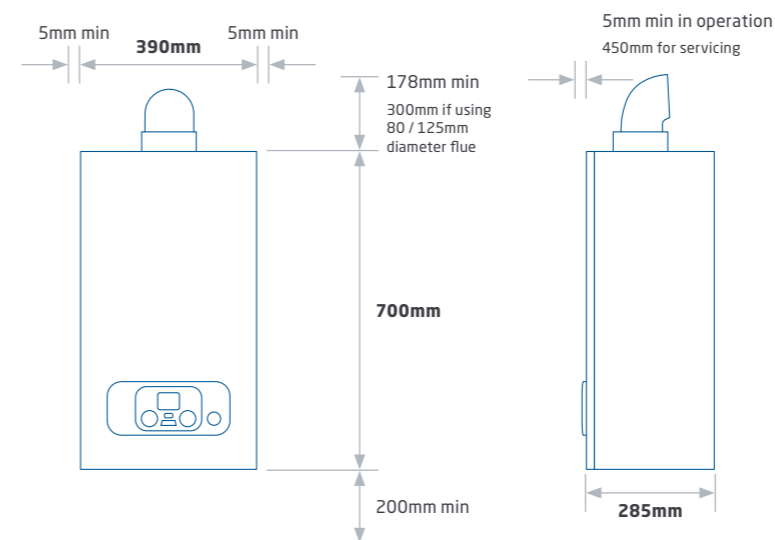
	UNITS	25 NG	30 NG	36 NG	25 LPG	30 LPG	36 LPG
Preplumb jig		Optional	Optional	Optional	Optional	Optional	Optional
Isolating valves		Yes	Yes	Yes	Yes	Yes	Yes
Gas supply connection	mm	22	22	22	22	22	22
Central heating connections	mm	22	22	22	22	22	22
Domestic hot water connections	mm	15	15	15	15	15	15
Condensate drain connection	mm	21.5	21.5	21.5	21.5	21.5	21.5
Safety discharge connection	mm	15	15	15	15	15	15
Maximum domestic hot water flow rate	l / min at 35°C rise	10.2	12.2	15	10.2	12.2	15
Domestic hot water operating flow rate (min)	l / min	2	2	2	2	2	2
Domestic hot water operating pressure (min)*	bar	0.5	0.5	0.5	0.5	0.5	0.5
Domestic hot water operating pressure (max)	bar	8	8	8	8	8	8
Central heating safety discharge pressure	bar	3	3	3	3	3	3
Temporary rigid filling link included		Yes	Yes	Yes	Yes	Yes	Yes
Integral automatic boiler bypass		Yes	Yes	Yes	Yes	Yes	Yes
Integral expansion vessel capacity	litres	7	7	7	7	7	7
Maximum capacity of CH system	litres	100	100	100	100	100	100
Compartment ventilation required		No	No	No	No	No	No
CH system inhibitor required		Yes	Yes	Yes	Yes	Yes	Yes
24hr pump exercise		Yes	Yes	Yes	Yes	Yes	Yes
Pump overrun		Yes	Yes	Yes	Yes	Yes	Yes

*Where low flow taps or fittings are intended to be used in the DHW system connected to the boiler, it is strongly recommended the DHW flow rate does not fall below 2.5 l/min. This will ensure reliable operation of the DWH function.

CONCENTRIC FLUE SYSTEM

	mm	60 / 100 & 80 / 125	60 / 100 & 80 / 125	60 / 100 & 80 / 125	60 / 100 & 80 / 125	60 / 100 & 80 / 125	60 / 100 & 80 / 125
Concentric flue diameter							
Standard horizontal flue kit length (60 / 100)	mm	685	685	685	685	685	685
Standard horizontal telescopic flue kit length (60 / 100)	mm	315-500	315-500	315-500	315-500	315-500	315-500
Maximum equivalent vertical length (60 / 100)	m	10	10	10	10	10	10
Maximum equivalent vertical length (80 / 125)	m	20	20	20	20	20	20
Equivalent length per 135° bend	m	0.5	0.5	0.5	0.5	0.5	0.5
Equivalent length per 93° bend	m	1	1	1	1	1	1

DIMENSIONS AND SERVICE CLEARANCES



INSIDE THE BOILER

At least 1.5° providing flue has been adequately secured as per installation instructions.

Service clearances shown here are the minimum recommended dimensions. Greater clearance will aid installation and maintenance.



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 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

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 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 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 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 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

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