

Baxi 600 Combi



**COMPACT
SIZE**

**BRASS
HYDRAULICS**

**PIPES
BEHIND FACILITY
WITHIN
BOILER CASING**



The Baxi 600 is small enough to fit into a 290mm deep cupboard, has a built in pipes behind facility within the boiler casing and brass hydraulics. It's compatible with the Baxi uSense smart thermostat and comes with a 7 year extended warranty†.

Feature

Outputs 24kW, 30kW and 36kW (Natural gas & LPG)

Compact cupboard fit

OpenTherm interface

Compatible with Baxi uSense

Easy-fill permanent filling link

Simple hanging bracket

Fully modulating and highly efficient

Pipes behind facility within the boiler casing

Brass hydraulics block

Top central flue

Compatible with Baxi iFOS (In flue outdoor sensor)

Certified to work with 20% hydrogen

Benefit

To meet different end user hot water requirements (up to 15 litres per minute at 35°C temperature rise)

Can be installed in a 290mm deep cupboard

Gives greater control of the boiler when installed with compatible OpenTherm controls

Heating can be operated via a smart device

Single spring loaded lever enables end user to top up system pressure

Easy to install giving greater flexibility of pipework connections

Boiler intelligently uses the right amount of fuel to meet the set central heating temperatures, saving money on fuel bills

Saves time, space and money by piping behind within the footprint of the boiler

Trusted and robust

Easier to replace old boiler, saving time

For easier compliance with Boiler Plus

† Subject to registration and an annual service. Terms and conditions apply. Visit baxi.co.uk/warranty

Baxi 600 Combi

		624 Combi	630 Combi	636 Combi	624 LPG Combi	630 LPG Combi	636 LPG Combi
Sales code (boiler only)		7682194	7682101	7691350	7703803	7703804	7703805
Gas							
Natural gas		✓	✓	✓	✓	✓	✓
Propane LPG		✗	✗	✗	✓	✓	✓
Inlet supply pressure (natural gas)	mbar (nominal)	20	20	20	37	37	37
Maximum Gas Rate (G20) Qmax	m ³ /hr	2.71	3.26	3.81	1.98	2.38	2.83
Heat input CH	kW (max) Gross (QnHs)	22.9	22.9	28.6	22.9	22.9	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	20	25	20	20	25
	kW (Min) (Pn)	6.1	6.1	6.7	6.1	6.2	6.7
Heat output CH (condensing)	kW (Max) (Pnc)	21.2	21.2	26.4	21.2	21.2	26.4
	kW (Min) (Pnc)	6.7	6.7	6.7	6.7	6.7	6.7
Heat input domestic hot water (DHW)	kW max gross (QnHs)	28.6	34.3	40.8	28.6	34.3	40.8
Heat output domestic hot water (DHW)	kW max	25	30	36	25	30	36
Water heating efficiency class		A	A	A	A	A	A
Electrical							
Permanent live required		✓	✓	✓	✓	✓	✓
External fuse rating	Amps	3	3	3	3	3	3
Pump overrun		✓	✓	✓	✓	✓	✓
Integral 'boiler only' frost thermostat		✓	✓	✓	✓	✓	✓
Hydraulic							
Maximum DHW flow rate (Delta T @ 35°C rise)	l/min	10.2	12.2	15.0	10.2	12.2	15.0
Minimum DHW flow rate required	l/min	2	2	2	2	2	2
Minimum operating DHW pressure required	bar	0.5	0.5	0.5	0.5	0.5	0.5
Integral expansion vessel	Size (litres)	7	7	7	7	7	7
Maximum capacity of CH system	Litres	100	100	100	100	100	100
Integral automatic bypass		✓	✓	✓	✓	✓	✓
Weights							
Installer Lift Weight (boiler)	(kg)	29.2	29.2	30.5	29.2	29.2	30.5

What's in the box?

Baxi 600 Combi boiler



Wall mounting bracket



Literature and fittings pack



Easy-Fill permanent filling link



Copper pipe tails



CH 22mm

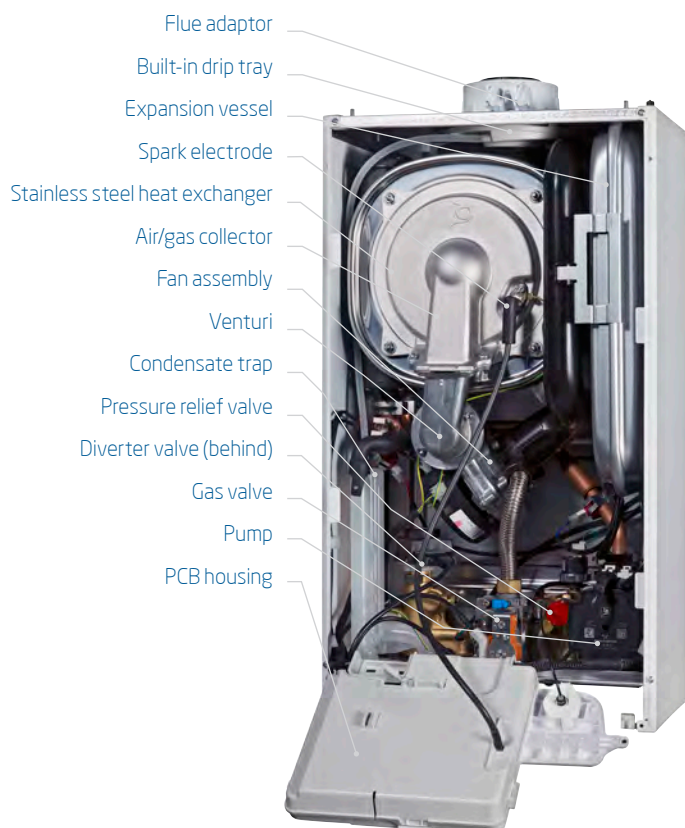
Cold water inlet / DHW outlet 15mm

Gas 22mm

Condense

Safety discharge 15mm

What's inside?



Dimensions

A width 390mm
B height 700mm
C depth 285mm

Service clearances

D side 5mm*
E upper 178mm*
F lower 200mm*
G front 5mm*†

* These are minimum recommended dimensions, greater clearance will aid installation and maintenance
† 450mm for servicing purposes

BAXI