

A Efficiency Rating
A Efficiency Rating

7yr WARRANTY*

COMPACT SIZE

PLUG-IN CONTROLS

FRONT ACCESS TO COMPONENTS

FULL WALL MOUNTING JIG

Key features

Outputs: 24kW, 28kW, 33kW
Compact size
Full wall mounting jig with positive fixing, easy to access boiler connections, gas test point on gas tap and integral filling loop
One metre lead included
Full range of plug-in timers
Front access to all components
Industry leading choice of flue lengths, bends and accessories

Benefits

To suit most property sizes
Will fit inside a standard 300mm deep cupboard
Straightforward and quicker installation and commissioning
Easy to install and you don't need access to the control box
Simple fixing into fascia saves time
Straightforward and quick servicing
For versatile siting

* Available until 31st December 2015. Subject to registration and an annual service. Terms and conditions apply. Visit baxi.co.uk/warranty

ErP Compliant

What can I say – a good boiler! It is very light, compact and only took me a couple of hours to install. Would definitely use again and recommend to others.

Gurmukh Bansal
AS Builder

Baxi EcoBlue + Combi

The Baxi EcoBlue + Combi is small enough to fit into a standard 300mm deep cupboard, making it particularly suitable for homes where space is at a premium. It is a powerful little boiler, delivering excellent flow rates for your customers' comfort and convenience; plus a 7 year extended warranty*.

Accessories

The following accessories are compatible with the Baxi EcoBlue + Combi.



7212341
Baxi plug-in mechanical timer



7212342
Baxi plug-in digital timer



7212343
Baxi wireless mechanical RF thermostat



7212438
Baxi single channel wired programmable room thermostat



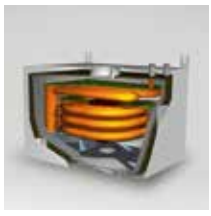
7212444
Baxi single channel wired timer



720971601
Baxi room thermostat



7213356
Baxi wired outdoor weather sensor – combi



720855201
Multifit GasSaver GS1c

Technical specifications

HOW WE MAKE IT EASY

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

Boiler dimensions

Width [A]	*Height [B]*	*Depth [C]*
390mm	700mm	295mm

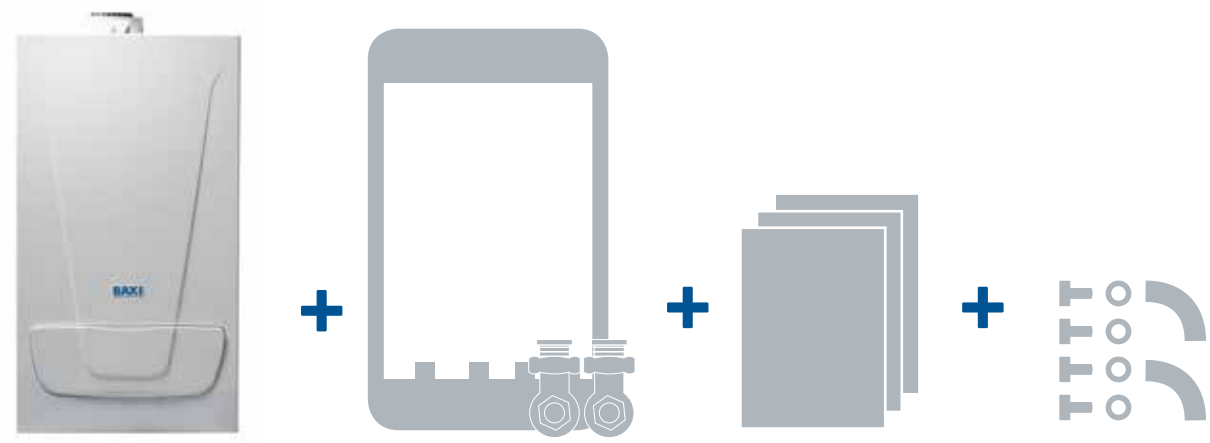
Service clearances

Side [D]	*Upper [E]*	*Lower [F]*	*Front [G]*
5mm*	175mm*	150mm*	5mm* in operation, 450mm* for servicing

*These are the minimum recommended dimensions.
Greater clearance will aid installation and maintenance.



What's in the box?



EcoBlue + Combi Boiler

Pre-plumbing jig (including isolation valves)

Literature pack

Fittings pack

Technical details

Baxi EcoBlue + Combi ErP		24	28	33
Sales code	Boiler only	7219498	7219499	7219500
Controls				
Concealed user controls		✓	✓	✓
Operating mode selector switch with reset		✓	✓	✓
User adjustable DHW temperature	Range - 40°C to 60°C	✓	✓	✓
User adjustable CH temperature	Range - 25°C to 80°C	✓	✓	✓
Temp/status/ fault diagnosis display		LCD display	LCD display	LCD display
Baxi plug-in mechanical timer		Optional	Optional	Optional
Baxi plug-in digital timer		Optional	Optional	Optional
Baxi wireless mechanical RF thermostat		Optional	Optional	Optional
Baxi wired outdoor weather sensor - combi		Optional	Optional	Optional
Baxi single channel wired programmable room thermostat		Optional	Optional	Optional
Baxi single channel wired programmer		Optional	Optional	Optional
Baxi room thermostat		Optional	Optional	Optional
SAP 2009 Annual Efficiency (PCDB/SEDBUK)	%	89.1	89.1	89.1
NOx class		5	5	5
ErP Product Information				
NOx	mg/kWh	22	20	24
Sound power level, indoors	L_{WA} dB	51	52	53
Space heating efficiency class		A	A	A
Water heating declared load profile		XL	XL	XXL
Water heating efficiency class		A	A	A
Heat input CH	kW max gross (QnHs)	22.2	26.6	31.1
	kW min gross (QnHs)	5.2	6.3	7.6
Heat output CH (non condensing)	kW max (Pn)	20	24	28
	kW min (Pn)	4.6	5.5	6.6
Heat output CH (condensing)	kW max (Pnc)	21.2	25.3	29.6
	kW min (Pnc)	4.9	6.0	7.1
Gas				
Gas supply pipe size	(mm)	22	22	22
Inlet supply pressure (natural gas)	mbar (nominal)	20	20	20
Maximum gas rate (nat gas after 10 mins)	m^3/hr	2.61	3.05	3.59
Mechanical and hydraulic				
Heat input domestic hot water (DHW)	kW max gross (QnwHs)	27.4	32.1	37.8
Heat output domestic hot water	kW max	24	28	33
Maximum DHW flow rate (Delta T @ 35°C max)	l/min	9.8	11.5	13.5
Minimum DHW Flow rate required	l/min	2.0 (see note 1)	2.0 (see note 1)	2.0 (see note 1)
Minimum operating DHW pressure required	bar	0.15	0.15	0.15
Maximum DHW system pressure	bar	8	8	8
Safety discharge pressure	bar	3.0	3.0	3.0
Compartment ventilation required		✗	✗	✗
Flow / return pipe size	(mm)	22	22	22
Temporary filling loop supplied		✓	✓	✓
Integral expansion vessel	Size (litres)	8	8	8
CH system inhibitor required		✓	✓	✓
Condensate discharge pipe size	(mm)	21.5	21.5	21.5
Electrical				
Electrical supply	Volts / Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz
Permanent live required	Yes / no	✓	✓	✓
Electrical power cable fitted as standard	1m of 3 core	✓	✓	✓
Power consumption when firing	Watts	85	90	95
External fuse rating	Amps	3	3	3
Internal fuse rating	AH	F2L	F2L	F2L
Boiler IP rating (electrical protection) without integral timer fitted	Approval category	IPX5D	IPX5D	IPX5D
Circulating pump exercise feature		✓	✓	✓
Pump overrun		✓	✓	✓
Integral 'boiler only' frost thermostat		✓	✓	✓
Concentric flue system				
Standard telescopic concentric flue	Length in mm	315-500	315-500	315-500
Horizontal concentric (60/100 mm)	Max equivalent length (m)	10	10	10
	Reduction per 135° bend (m)	0.5	0.5	0.5
	Reduction per 93° bend (m)	1	1	1
Horizontal concentric (80/125 mm)	Max equivalent length (m)	20	20	20
Twin pipe flue system				
Horizontal twin tube (80/80 mm)	Max equivalent length (both tubes in parallel) (m)	15	15	15
	Reduction per 135° bend (m)	0.25	0.25	0.25
	Reduction per 93° bend (m)	0.5	0.5	0.5
Weights				
Installer lift weight (boiler)	Max (kg)	34.0	34.0	36.0
Gross packaged boiler weight	(kg)	39.2	39.2	41.2

Note 1 - Where low flow taps or fittings are intended to be used in DHW systems connected to Baxi combination boilers it is strongly recommended that the DHW flow rate does not fall below 2.5 l/min to ensure reliable operation.

What's inside the boiler?

Baxi EcoBlue + Combi



HOW WE MAKE IT EASY

Front access to all components

Flues

Horizontal concentric flues Ø 60/100mm

Multifit flue group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
1	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/white terminal	315mm - 500mm	100mm	720599401
2	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 500mm	100mm	720598701
3	1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
4	93° flue bend inc. fixing screws	White	93°	100mm	720648401
5	135° flue bend inc. fixing screws (pair)	White	135°	100mm	720647901

Plume displacement kits Ø 60/100mm

Multifit flue group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
6	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	720627001
7	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	720622901
8	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401

Vertical concentric flues Ø 60/100mm

Multifit flue group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
9	Vertical flue terminal	Black		100mm	5118576
3	1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
4	93° flue bend inc. fixing screws	White	93°	100mm	720648401
5	135° flue bend inc. fixing screws (pair)	White	135°	100mm	720647901

