





Baxi 600, Platinum, Duo-tec and Megaflo boilers

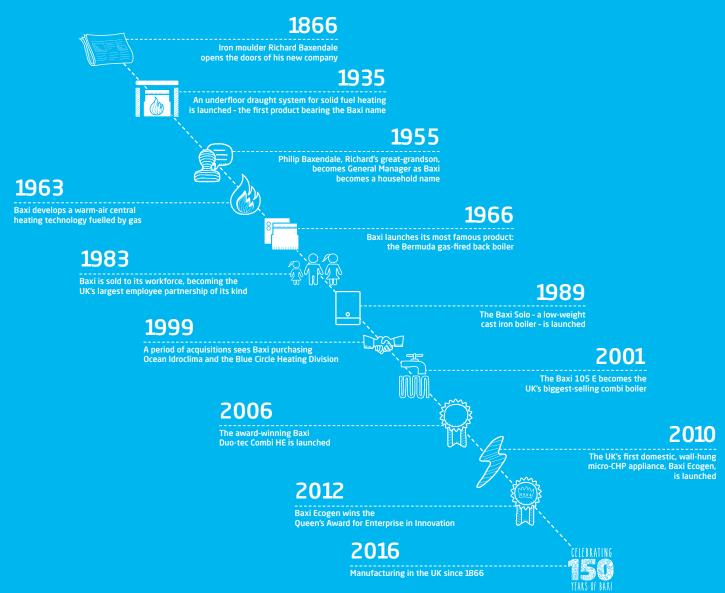
Range guide

A brand you can trust

Baxi has been manufacturing in the UK for over 150 years. It has a heritage of providing cutting edge heating products for homes and is the best known boiler manufacturer amongst homeowners.[†]

We continue to invest in the business to provide reliable, energy efficient heating and hot water products, backed by industry-leading customer support, nationwide availability of parts and training.

A brief history of Baxi



Baxi make it easy

We are committed to making your experience with Baxi as easy as possible.

Reliability

Every Baxi boiler has to pass a full function test using gas, water and electricity, before it leaves the production line.

Warranty

We are so confident in the reliability of our boilers that we provide industry-leading warranties, providing peace of mind for you and your customers. And our warranty terms and conditions have been approved by the Plain English Campaign so they are easy to understand.

Efficiency

All Baxi boilers are Energy Saving Trust endorsed, helping households to save money on their gas bills.

Support

We are there for you – providing practical training, technical help and genuine parts – when you need us.

Easy to install

Our boilers come with a pre-plumbing jig, complete with preformed copper pipe tails, built-in filling loop and one metre mains cable to save you time and money during installation.







Key features

Outputs 24kW & 30kW

Great hot water performance

Compact cupboard fit

Pipes behind facility within boiler casing

Lightweight

Easy-Fill permanent filling link

Brass hydraulics block

Central flue

OpenTherm interface

Benefits

o suit most property sizes
low rates up to 12.2 litres per minute**
an be installed in a 290mm deep cupboard
ave time, space and money by piping behind /ithin the footprint of the boiler
9.5kg lift weight
ingle spring loaded lever enables homeowners o top up the system quickly and easily
rusted and robust
or easy replacement
ompatible with Baxi uSense Smart Wired Thermostat

* Subject to registration and an annual service. Terms and conditions apply. Visit baxi.co.uk/warranty ** At 35°C rise



Baxi 600 Combi

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*

Accessories

The following accessories are compatible with the Baxi 600 Combi



7649277 Baxi uSense smart thermostat



7683084 Baxi IFOS (In Flue Outdoor Sensor)



7686478 Multifit wired outdoor weather sensor



7212444 Baxi single channel wired timer



720971601 Baxi wired room thermostat



7212438 Baxi single channel wired programmable room thermostat



720971401 Wall mounted 24hr mechanical timer



720030501 Baxi combi wireless 7 Day programmable room stat

Technical specifications

HOW WE MAKE IT EASY

Wall mounted bracket for quick and simple installation.



Boiler dimensions

Width [A]	Height [B]	Depth [C]
390mm	700mm	285mm

Service clearances

Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	178mm⁺	200mm*	5mm in operation, (*450mm for vicing purposes)

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



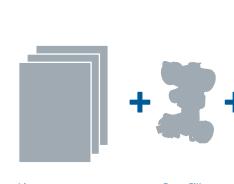
What's in the box?



Baxi 600 Combi boiler



Wall mounted bracket



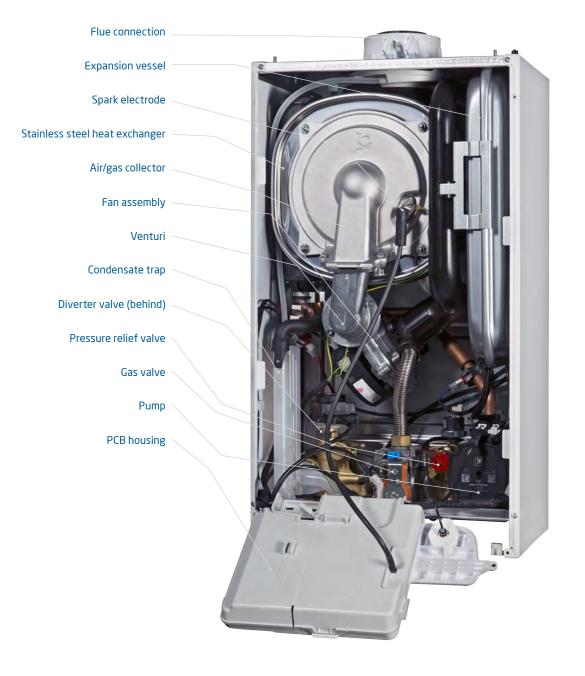
Literature and fitting pack Easy-Fill permanent filling link Copper pipe tails

Technical details

Baxi 600 Combi ErP		624 Combi	630 Combi
Sales code	Boiler only	7682194	7682101
Controls and accessories	Range - 35°C to 60°C		,
User adjustable DHW temperature User adjustable CH temperature	Range - 25°C to 80°C		/
Temp/status/fault diagnosis display	5	LCD display	LCD display
uSense Wired (optional accessory)	7649277	Optional	Optiona
Integral 24 hr Electro-mechanical timer	720971401	X	(Optiona
Wired 24hr Electro-mechanical timer (optional accessory) 7 Day RF Digital Programmable Room Thermostat (optional accessory)	720030501	Optional Optional	Optiona Optiona
Single Channel Wired Programmable Room Thermostat (optional accessory)	7212438	Optional	Optiona
Single Channel Wired Timer (optional accessory)	7212444	Optional	Optiona
Wired room Thermostat (optional accessory)	720971601	Optional	Optiona
Wired Outdoor Weather Sensor (optional accessory)	7686478	Optional	Optiona
Baxi IFOS (optional accessory) Baxi Easy-Fill	7683084 7665482	Optional	Optiona V
Gas	7003482	×	~
Natural gas		1	1
Propane LPG		×	,
Inlet supply pressure (natural gas)	mbar (nominal)	20	20
Maximum Gas Rate (G20) Qmax NOx	m³/hr	2.71 29.7	3.26
NOX NOX class	mg/kWh	5	28.3
Heat input CH	kW (Max) Gross (QnHs)	22.86	22.86
	kW (Min) Gross (QnHs)	6.87	6.87
Heat output CH (non condensing)	kW (Max) (Pn)	20	20
	kW (Min) (Pn)	6.2	6.2
Heat output CH (condensing)	kW (Max) (Pnc)	21.16	21.16
Heat input domestic hot water (DHW)	kW (Min) (Pnc) kW max gross (QnwHs)	<u> </u>	6.7
Heat output domestic hot water	kW max	25.77	30.93
SAP 2009 Annual Efficiency (PCDB/SEDBUK)		89%	89%
ErP Product Information			
Seasonal Space Heating Energy Efficiency		93%	93%
Sound power level, indoors Space heating efficiency class	LWA dB	50 A	53 A
Water heating declared load profile		XL	XL
Water heating efficiency class		A	A
Electrical			
Electrical supply	Volts / Hz	230V / 50Hz	230V / 50Hz
Permanent live required	(0.75mm best resistant flow)		V
Electrical cable supplied Power consumption when firing	(0.75mm heat resistant flex) Watts	× 100	x 100
External fuse rating	Amps	3	3
Internal fuse rating	Amps	F2A H250V	F2A H250V
Boiler IP rating (electrical protection) without integral timer fitted	Approval Category	IPX5D	IPX5D
Circulating pump exercise feature		1	✓
Pump overrun Integral 'boiler only' frost thermostat		/ /	/
Mechanical		v	v
Hanging Bracket		1	1
Isolating valves with pre-formed copper tails		✓	/
Gas supply pipe size	(mm)	22	22
Central heating connections	(mm)	22	22
Domestic Hot Water connections Condensate discharge pipe connection	(mm) (mm)	15 21.5	15 21.5
Safety discharge pipe connection	(mm)	15	15
Pre-plumbing jig accessory (optional accessory)	7682545		/
Rear pipework kit (optional accessory)	7682790	1	1
Temporary flexible filling loop (optional accessory)	248221	1	/
Remote secondary PRV kit (optional accessory)	5121379	 Image: A set of the set of the	1
Hydraulic Maximum DHW flow rate (Delta T @ 35°C max)	I/min	10.2	12.2
Minimum DHW flow rate required	l/min	2	2
Minimum operating DHW pressure required	bar	0.5	0.5
Maximum DHW system pressure	bar	8	8
Safety discharge pressure	bar	3	3
Compartment ventilation required		×	X
Easy-Fill permanent filling loop supplied	Sizo (litror)	✓ 7	∕ 7
Integral expansion vessel Maximum capacity of CH system	Size (litres) Litres	100	100
Integral automatic bypass			
CH System Inhibitor Required			/
Concentric flue systems			
Concentric flue diameters	mm	60/100 and 80/125	60/100 and 80/125
Standard telescopic horizontal flue (60/100mm)	mm	315-500	315-500
Standard horizontal flue kit (60/100mm) Max equiv length horizontal/vertical (60/100mm)	mm	685 10	685
Max equiv length horizontal/vertical (60/100mm) Max equiv length horizontal/vertical (80/125mm)	m	20	20
Equivalent length per 135° bend	m	0.50	0.50
Equivalent length per 93° bend	m	1.00	1.00
Weights			
Installer lift weight (boiler)	Max (kg)	29	29
Gross packaged boiler weight	(kg)	32.5	32.5

What's inside the boiler?

Baxi 600 Combi





HOW WE MAKE IT EASY An industry-leading choice of flues.

Flues

Horizontal concentric flues Ø 60/100mm

Multifit flue group A

lte	m 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
Z	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 500mm	100mm	720598701
З	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
6	Standard horizontal flue inc. low profile elbow and fixing screws	White pipe/black terminal	685mm	100mm	7222019

Plume displacement kits Ø 60/100mm

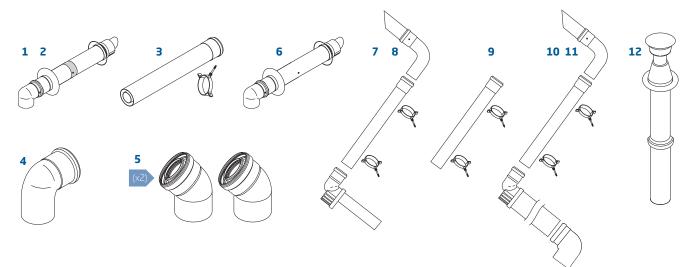
Multifit flue group A

lten	n description	Colour	Specification	Key and OD dimensions	Sales code
7	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	White		60mm	720627001
8	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	Black		60mm	720622901
9	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
10	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
11	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit flue group A

lten	description	Colour	Specification	Key and OD dimensions	Sales code
12	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















Key features

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Outputs: 2	24KW, 1	ZØKW,	JJKW,	40KW

Pre-plumbing jig, with	built-in filling	loop and preformed	copper tails
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Built-in mechanical 24 hour timer

Built-in frost thermostat

Easy-Fill permanent filling link

Front access to all components

Exceptional flow rate (up to 16.4 litres per minute) at a rise of 35°C

Compatible with Multifit flue kits

Benefits

To suit most property sizes	
Easy to install and maintain, saving time and money	
Easy to set and control	
Suitable for siting in garages and lofts	
Single spring loaded lever enables homeowners to top up the system quickly and easily	
Easy to service and maintain	
Ideal for homes with more than one bathroom	
Industry-leading choice of lengths, bends and accessori	es





I regularly recommend the Platinum Combi. The 10 year warranty means customers trust the product and I know that it won't let them down. Simon Harrington Harrington Plumbing & Heating

Baxi Platinum Combi

The Baxi Platinum Combi is our top of the range boiler. A firm favourite with householders and installers alike, it's an Energy Saving Trust endorsed product, so you can be sure of its excellent energy efficiency.

Accessories

The following accessories are compatible with the Baxi Platinum Combi



7683084 Baxi IFOS (In Flue Outdoor Sensor)



720103001 Baxi wired weather sensor



5117391 Baxi programmable 24 hour wireless sensor



720056901 Multifit GasSaver GS1



720030507 Baxi seven day programmable room thermostat



720971601 Baxi room thermostat

Technical specifications

HOW WE MAKE IT EASY

Pre-plumbing jig for quick and simple installation.



Boiler dimensions

Width [A]	Height [B]	Depth [C]
450mm	780mm	345mm

Service clearances

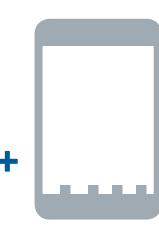
Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	200mm* (*300mm if	150mm*	5mm in operation;
	using 80/125 flueing system)	Sen	(*450mm for vicing purposes)

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



What's in the box?



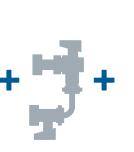


Platinum Combi boiler





Fitting instructions, template, user instructions, warranty



Filling loop

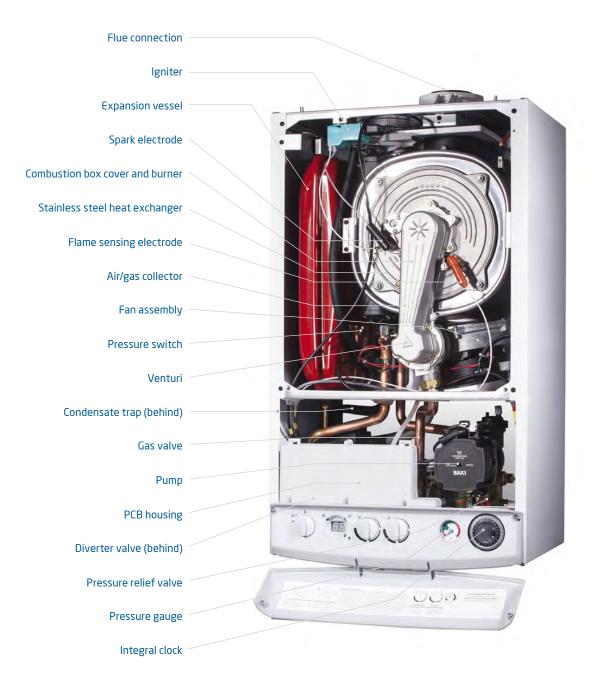
Copper pipe tails

Technical details

Baxi Platinum Combi ErP		24 Combi	28 Combi	33 Combi	40 Comb
Sales code	Boiler only	7219449	7219450	7219451	7219452
Controls and accessories					
Concealed user controls On/off switch with reset				J	· · · ·
User adjustable DHW temperature		 ✓			v
User adjustable CH temperature		1	1	V	J
LED temp/status/fault diagnosis display		2 digits/3 LEDs	2 digits/3 LEDs	2 digits/3 LEDs	2 digits/3 LED
Integral 24 hour electro-mechanical timer		Fitted as standard	Fitted as standard	Fitted as standard	Fitted as standard
Baxi IFOS (7683084)		Optional	Optional	Optional	Optiona
Baxi Easy-Fill (7665482)		Optional	Optional	Optional	Optiona
Gas Gas supply size size				22	
Gas supply pipe size Natural gas	mm	22 ✓	22	22	22
Nominal inlet supply pressure	mbar	20	20	20	20
Maximum gas rate		2.16	3.1	3.6	4.36
Heat input Central Heating (CH)	kW max gross (QnHs)	22.7	27.4	32.1	36.4
	kW min gross (QnHs)	7.8	10.0	10.8	11.0
Heat output CH non condensing	kW max (Pn)	20	24	28	32
	kW min (Pn)	6.8	8.7	9.4	9.6
Heat output CH condensing	kW max (Pnc) kW min (Pnc)	21.0	25.9 9.5	30.3	34.4
Heat input domestic hot water (DHW)	kW max gross (QnwHs)	27.4	32.1	37.7	45.7
Heat output domestic hot water	kW max (Pn)	24	28	33	40
Maximum domestic hot water flow rate	I/min @ 35°C rise	9.8	11.5	13.5	16.4
Boiler Plus ErP	%	92.0	92.0	92.0	92.0
SAP 2009 Annual Efficiency (PCDB/SEDBUK)	%	89.0	89.0	88.9	88.9
NOx class		5	5	5	5
ErP Product Information				20	
NOx Sound power level, indoors	mg/kWh LWA dB	20 50	2353	20 52	23
Space heating efficiency class		A	S	S2A	F
Water heating declared load profile		XL	XL	XL	XI
Water heating efficiency class		Α	Α	A	A
Electrical					
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Permanent live required		✓	✓	✓	✓
Fitted electrical cable					0.75mm ² on all models
Power consumption	Watts	85	120	125	125
External fuse rating	Amps	3	3	3	
Internal fuse rating Ingress protection rating	Amps	F2L IPX 5D	F2L IPX 5D	F2L IPX 5D	F2L IPX 5D
(without electro-mechanical timer fitted)		17.50	11 X 50	11 X 50	
24 hour pump exercise		✓	1	1	1
Pump overrun		✓	1	1	1
Integral 'boiler only' frost thermostat		✓	✓	1	1
Mechanical and hydraulic					
Compartment ventilation requirement		None	None	None	None
Pre-plumbing/wall mounting jig		<u>√</u> 22	<u>√</u> 22	✓ 22	22
Flow and return pipe size Condensate discharge pipe size	mm mm	21.5	21.5	21.5	21.5
Integral automatic bypass		∠1.5 ✓	<	<pre></pre>	v
Min domestic hot water flow rate	l/min	2	2	2	Z
Min domestic hot water operating pressure	bar	0.15	0.15	0.15	0.15
Maximum DHW system pressure	bar	8	8	8	8
Safety discharge pressure	bar	3	3	3	3
Integral expansion vessel capacity	litres	8	8	10	10
Max capacity of central heating system Temporary filling loop included	litres	125	125	125	125
CH system inhibitor required					
Concentric flue system		•	·	•	
Standard telescopic horizontal flue kit length	mm	315 - 500	315 - 500	315 - 500	315 - 500
Max equiv length horizontal/vertical (60/100mm)	m	10	10	10	10
Max equiv length horizontal/vertical (80/125mm)	m	20	20	20	20
Equivalent length per 135° bend	m	0.5	0.5	0.5	0.5
Equivalent length per 93° bend	m	1	1	1	1
Twin pipe flue system					
Diameters	mm	80/80	80/80	80/80	80/80
Max equiv length horizontal/vertical (parallel pipes)	m m	15/15 0.25	15/15 0.25	<u> </u>	15/15
Equivalent length per 125° band		0.25	0.25	0.25	0.25
Equivalent length per 135° bend			0.5		0 0
Equivalent length per 91.5° Bend	m	0.5	0.5	0.5	0.5
			0.5		0.5

What's inside the boiler?

Baxi Platinum Combi





HOW WE MAKE IT EASY An industry-leading choice of flues.

Flues

Horizontal concentric flues Ø 60/100mm

Multifit flue group A

lte	m 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
Z	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 500mm	100mm	720598701
З	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
6	Standard horizontal flue inc. low profile elbow and fixing screws	White pipe/black terminal	685mm	100mm	7222019

Plume displacement kits Ø 60/100mm

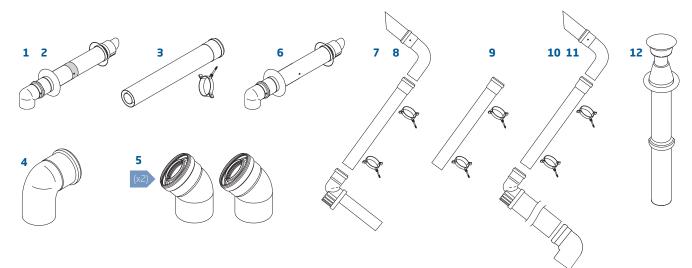
Multifit flue group A

lten	n description	Colour	Specification	Key and OD dimensions	Sales code
7	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	White		60mm	720627001
8	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	Black		60mm	720622901
9	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
10	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
11	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit flue group A

lten	description	Colour	Specification	Key and OD dimensions	Sales code
12	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





Key features

Outputs: 24kW, 28kW, 33kW, 40kW	To suit most property sizes			
Pre-plumbing jig, with built-in filling loop	Easy to install and maintain			
Built-in frost thermostat	Suitable for siting in garages and lofts			
Class leading flow rate (up to 16.4 litres per minute) at 35°C rise	Perfect for homes with more than one bathroom			
Dedicated 28kW LPG model	Suitable for homes without mains gas			
Telescopic horizontal flue available	Quick and easy to fit			
Compatible with Multifit flue kits	Industry-leading choice of lengths, bends, accessories			

Benefits





I regularly specify the Duo-tec boiler. It is easy for my customers to use with its clear display and large symbols. It has always been extremely reliable and the seven year warranty is brilliant. Mark Webley Webley Heating

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Baxi Duo-tec Combi

Our best selling Baxi Duo-tec Combi has a pre-plumbing jig, complete with preformed copper pipe tails, built-in filling loop and one metre mains cable, making it quick and easy to install.

Accessories

The following accessories are compatible with the Baxi Duo-tec Combi.



7683084 Baxi IFOS (In Flue Outdoor Sensor)



5117391 Baxi programmable 24 hour wireless sensor



247206 Baxi electromechanical 24 hour timer kit



720030507 Baxi seven day programmable room thermostat



720056901 Multifit GasSaver GS1



720103001 Baxi wired weather sensor



720971601 Baxi room thermostat



7665482 Easy-Fill permanent filling link



7604081 Baxi qSense digital room thermostat

Technical specifications

HOW WE MAKE IT EASY

Pre-plumbing jig for quick and simple installation.



Boiler dimensions

Width [A]	Height [B]	Depth [C]
450mm	780mm	345mm

Service clearances

Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	200mm*	150mm*	5mm in
	(*300mm if		operation [*] ,
	using 80/125		(*450mm for
	flueing system)	serv	vicing purposes)

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



What's in the box?





Duo-tec Combi boiler

Pre-plumbing jig



Fitting instructions, template, user instructions, warranty



Filling loop

Copper pipe tails

Technical details

Baxi Duo-tec Combi ErP		24 Combi	28 Combi	33 Combi	40 Combi	28 Combi LPG
Sales Code	Boiler only	7219413	7219414	7219415	7219416	7219417
Controls and accessories						
Concealed user controls On/off switch with reset		/ /	/ /	/	<u> </u>	<i>`</i>
User adjustable DHW temperature			V			
User adjustable CH temperature			/	/	/	
LED temp/status/fault diagnosis display		2 digits/3 LEDs	2 digits/3 LEDs	2 digits/3 LEDs	2 digits/3 LEDs	2 digits/3 LED:
Baxi IFOS (7683084)		Optional	Optional	Optional	Optional	Optiona
Baxi Easy-Fill (7665482)		Optional	Optional	Optional	Optional	Optiona
Gas						
Gas supply pipe size	mm	22	22	22	22	22
Natural gas LPG (propane)		✓	✓	✓	✓ 	N//
Nominal inlet supply pressure NG	mbar	20	20	20	20	N//
Nominal inlet supply pressure LPG	mbar	N/A	N/A	N/A	N/A	3
Maximum gas rate	m³/hr	2.61	3.1	3.6	4.36	2.2
Heat input central heating	kW max gross (QnHs)	22.7	27.4	32.1	36.4	27.4
	kW min gross (QnHs)	7.8	10	10.8	11.0	10
Heat output CH non condensing	kW max (Pn)	20	24	28	32	24
	kW min (Pn)	6.8	8.7	9.4	9.6	8.7
Heat output CH condensing	kW max (Pnc)	21.0	25.9	30.3	34.4	25.9
	kW min (Pnc)	7.4	9.5	10.2	12.1	9.
Heat input domestic hot water (DHW)	kW max gross (QnwHs)	27.4	32.1	37.7	45.7	32.2
Heat output domestic hot water	kW max (Pn)	24	28	33	40	28
Maximum domestic hot water flow rate	l/min @ 35°C rise	9.8	11.5	13.5	16.4	11.5
Boiler Plus ErP	%	92.0	92.0	92.0	92.0	92.0
SAP 2009 annual efficiency (PCDB/SEDBUK) NOx Class	%	89.0 5	89.0 5	88.9	88.9	90.0
ErP Product Information		C	C	C		
N0x	mg/kWh	20	23	20	23	2:
Sound power level, indoors	LWA dB	50	53	52	50	5
Space heating efficiency class		A	A	A	A	
Water heating declared load profile		XL	XL	XL	XL	X
Water heating efficiency class		А	А	А	A	ŀ
Electrical						
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50H
Permanent live required		✓	1	1	1	•
Fitted electrical cable	1.1.1.		1m x 3 core x 0.75m			
Power consumption	Watts	85	120	125	125	120
External fuse rating Internal fuse rating	Amps Amps	F2L	F2L	F2L	F2L	F2
Ingress protection rating (without electro-mechanical tim	•	IPX 5D	IPX 5D	IPX 5D	IPX 5D	IPX 5I
24 hour pump exercise		✓ ×	✓ ×		11.100	
Pump overrun		 ✓ 	1	1	1	v
Integral 'boiler only' frost thermostat		1	1	1	1	
Mechanical and hydraulic						
Compartment ventilation requirement		None	None	None	None	None
Pre-plumbing/wall mounting jig		1	1	1	1	•
Flow and return pipe size	mm	22	22	22	22	27
Condensate discharge pipe size	mm	21.5	21.5	21.5	21.5	21.
Integral automatic bypass Min domestic hot water flow rate	l/min	2	2	✓ 2	2	•
Min domestic hot water operating pressure	bar	0.15	0.15	0.15	0.15	0.15
Maximum DHW system pressure	bar	8	8	8	8	
Safety discharge pressure	bar	3	3	З	3	
Integral expansion vessel capacity	litres	8	8	10	10	8
Max capacity of central heating system	litres	125	125	155	155	12
Filling loop included		1	1	1	1	ب
CH system inhibitor required		✓	1	1	1	•
Concentric Flue System						
Standard telescopic horizontal flue kit length	mm	315 - 500	315 - 500	315 - 500	315 - 500	315 - 50
Max equiv length horizontal/vertical (60/100mm)	m	10	10	10	10	10
Max equiv length horizontal/vertical (80/125mm)	m	20	20	20	20	21
Equivalent length per 135° bend Equivalent length per 93° bend	m m	0.5	0.5	0.5	0.5	0.
		T	1	T	1	-
Twin pipe flue system Diameters	mm	80/80	80/80	80/80	80/80	80/80
	mm	15/15	15/15	15/15	15/15	15/15
			CTICT	CT/CT	12112	13/13
Max equiv length horizontal/vertical (parallel pipes)	m		0.25	0.25	0.25	0.25
Max equiv length horizontal/vertical (parallel pipes) Equivalent length per 135° bend	m	0.25	0.25	0.25 0.5	0.25	
Max equiv length horizontal/vertical (parallel pipes) Equivalent length per 135° bend Equivalent length per 91.5° Bend			0.25 0.5	0.25 0.5	0.25 0.5	0.25
Max equiv length horizontal/vertical (parallel pipes) Equivalent length per 135° bend	m	0.25				

What's inside the boiler?

Baxi Duo-tec Combi





HOW WE MAKE IT EASY Telescopic horizontal flue option is quick and easy to fit.

Flues

Horizontal concentric flues Ø 60/100mm

Multifit flue group A

lte	m 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
Z	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 500mm	100mm	720598701
З	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
6	Standard horizontal flue inc. low profile elbow and fixing screws	White pipe/black terminal	685mm	100mm	7222019

Plume displacement kits Ø 60/100mm

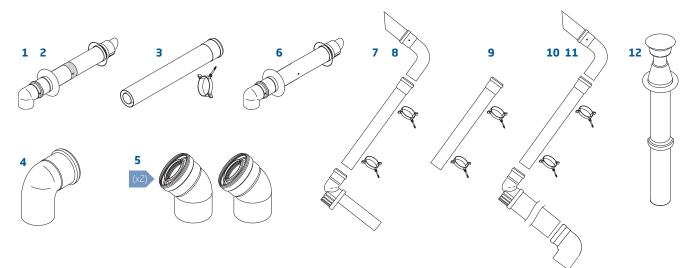
Multifit flue group A

lten	n description	Colour	Specification	Key and OD dimensions	Sales code
7	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	White		60mm	720627001
8	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	Black		60mm	720622901
9	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
10	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
11	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit flue group A

lten	n description	Colour	Specification	Key and OD dimensions	Sales code
12	Vertical flue terminal	Black		100mm	5118576
З	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







Key features

Outputs: 15kW, 18kW, 24kW, 28kW, 32kW
Pre-plumbing jig, with built-in filling loop
Built-in frost thermostat
Integral automatic bypass
Compatible with Multifit flue kits
Compatible with the market-leading Megaflo cylinders
Suitable for use with Baxi Solarflo solar thermal

Benefits

To suit most property sizes
Easy to install and maintain
Suitable for siting in garages and lofts
Suitable for systems with TVRs on every radiator
Industry-leading choice of lengths, bends, accessories
Made by our sister company Heatrae Sadia
Hot water from solar energy reduces energy bills





I regularly install the Megaflo boiler. It is a great boiler, easy to work on and good value for money. Jack Sowden Royston Engineering

Baxi Megaflo System

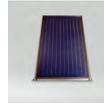
Designed for fully pumped sealed systems, the Baxi Megaflo System can be installed with an unvented cylinder. It will satisfy the hot water and heating requirements of most homes, including larger properties with more than one bathroom.

Accessories

The following accessories are compatible with the Baxi Megaflo System



95050460 Megaflo Eco unvented cylinder



720670401 Baxi Solarflo



7212443 Baxi twin channel wired programmer

Technical specifications

HOW WE MAKE IT EASY

Front access to all components makes servicing simple.



Boiler dimensions

Width [A]	Height [B]	Depth [C]
450mm	780mm	345mm

Service clearances

Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	200mm*	150mm*	5mm in
	(*300mm if		operation*,
	using 80/125		(*450mm for
	flueing system)	se	rvicing purposes

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



What's in the box?





Megaflo System boiler

Pre-plumbing jig



Fitting instructions, template, user instructions, warranty



Copper pipe tails

Technical details

Baxi Megaflo System ErP		15 System	18 System	24 System	28 System	32 System
Sales code	Poilor only	-	-	-	7219447	-
	Boiler only	7219444	7219445	7219446	/21944/	7219448
Controls						
Concealed user controls		1	1	1	1	
On/off switch with reset		1	1	1	1	/
User adjustable CH temperature		1		1	 ✓ 	
LED temp/status/fault diagnosis display			2 dig	gits/3 LEDs on all mo	odels	
Gas						
Gas supply pipe size	mm	22	22	22	22	22
Natural gas		✓	1	1	1	
Nominal inlet supply pressure	mbar	20	20	20	20	20
Maximum gas rate NG	m³/hr	1.69	1.95	2.61	3.1	3.48
Heat input central heating	kW max gross (QnHs)	17.1	20.5	27.4	32.1	36.4
	kW min gross (QnHs)	4.4	4.8	7.8	10.8	10.8
Heat output CH non condensing	kW max (Pn)	15	18	24	28	32
	kW min (Pn)	3.9	4.2	6.8	9.4	9.4
Heat output CH condensing	kW max (Pnc)	16.2	19.4	25.9	30.3	34.4
	kW min (Pnc)	4.2	4.5	7.4	10.2	10.2
Boiler Plus ErP	%	92.0	92.0	92.0	92.0	92.0
SAP 2009 Annual Efficiency (PCDB/SEDBUK)	%	88.6	88.6	88.6	88.5	88.5
NOx class		5	5	5	5	5
ErP Product Information						
NOx	mg/kWh	25	29	20	20	24
Sound power level, indoors	LWA dB	52	53	58	53	54
Space heating efficiency class		А	А	А	А	А
Electrical						
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Permanent live required		1	1	1	1	1
Fitted electrical cable			1m x 3 c	ore x 0.75mm² on a	ll models	
Power consumption	Watts	130	140	150	160	160
External fuse rating	Amps	3	3	3	3	3
Internal fuse rating	Amps	F2L	F2L	F2L	F2L	F2L
Ingress protection rating		IPX 5D	IPX 5D	IPX 5D	IPX 5D	IPX 5D
(without electro-mechanical timer fitted)						
24 hour pump exercise		1	1	1	1	1
Pump overrun		1	1	1	1	1
Integral 'boiler only' frost thermostat		1	1	1	1	1
Mechanical and hydraulic						
Compartment ventilation requirement		None	None	None	None	None
Pre-plumbing/wall mounting jig		1	1	1	1	1
Flow and return pipe size	mm	22	22	22	22	22
Condensate discharge pipe size	mm	21.5	21.5	21.5	21.5	21.5
Integral automatic bypass		1	1	1	1	1
Safety discharge pressure	bar	3	3	3	3	3
Integral expansion vessel	litres	8	8	8	10	10
Max capacity of central heating system	litres	125	125	125	125	125
CH system inhibitor required		<			✓	
Concentric Flue System						
Standard telescopic horizontal flue kit length	mm	315 - 500	315 - 500	315 - 500	315 - 500	315 - 500
Max equiv length horizontal/vertical (60/100mm)	m	10	10	10	10	10
Max equiviength horizontal/vertical (80/125mm)	m	20	20	20	20	20
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
		1	1	1	1	1
Twin pipe flue system		00/02	00/02	00/02	00/02	00/02
Diameters	mm	80/80	80/80	80/80	80/80	80/80
Max equiv length horizontal/vertical (parallel pipes)	m	15/15	15/15	15/15	15/15	15/15
Equivalent length per 135° bend	m	0.25	0.25	0.25	0.25	0.25
Equivalent length per 91.5° Bend	m	0.5	0.5	0.5	0.5	0.5
Weights						
Installer lift weight (boiler) (max)	kg	36.4	36.4	37.9	37.9	38.4
Gross packaged boiler weight	kg	41.5	41.5	43	43	43.5

What's inside the boiler?

Baxi Megaflo System





HOW WE MAKE IT EASY Telescopic horizontal flue option is quick and easy to fit.

Flues

Horizontal concentric flues Ø 60/100mm

Multifit flue group A

lte	m 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
Z	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 500mm	100mm	720598701
З	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
6	Standard horizontal flue inc. low profile elbow and fixing screws	White pipe/black terminal	685mm	100mm	7222019

Plume displacement kits Ø 60/100mm

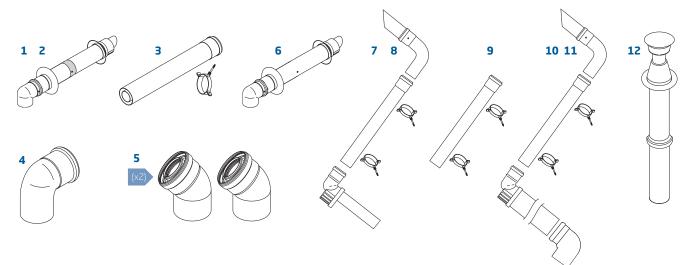
Multifit flue group A

lten	n description	Colour	Specification	Key and OD dimensions	Sales code
7	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	White		60mm	720627001
8	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	Black		60mm	720622901
9	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
10	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
11	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit flue group A

lten	description	Colour	Specification	Key and OD dimensions	Sales code
12	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



Flue solutions

Multifit flue kits now come with positive screw fixings for all connections and are available in a choice of lengths to reduce the need for onsite cutting. By popular demand we offer a choice of colours for the terminals to match existing rainwater systems.

	Flue type	Group A	Group G	Group H
Maximum permissible equivalent flue lengths	Horizontal concentric	10m	20m	
for Baxi combi, system boilers are:	Vertical concentric	10m	20m	
TOF Daxi compi, system bollers are.	Horizontal twin pipe			15m
	Vertical twin pipe			15m
Maximum permissible equivalent flue lengths	Horizontal concentric	6m	12m	
for Baxi heat only boilers are:	Vertical concentric	6m	12m	
for baximeat only bollers are.	Horizontal twin pipe			9m
	Vertical twin pipe			9m
Where inline bends are required in a flue system,	Concentric pipes	135° bend	0.5m	
the overall length must be reduced by the		93° bend	1m	
	Twin flue pipe	135° bend		0.25m
following amounts:		91.5° bend		0.50m

Horizontal concentric flues Ø 60/100mm

Multifit Flue Group A

Item	Description (multifit) flue system	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	60/100mm	720599401
2	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/ black terminal	315mm - 500mm	60/100mm	720598701
З	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/ brown terminal	315mm - 500mm	60/100mm	720642701
4	Standard horizontal flue inc. low profile elbow and fixing screws*	White pipe/ black terminal	685mm	100mm	7222019
5	Flue terminal deflector	White		60mm	720644201
6	Flue terminal deflector	Black		60mm	5111068
7	Flue terminal deflector	Brown		60mm	720644301
8	1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
9	0.5m flue extension inc. fixing screws	White	500mm	100mm	720643001
10	0.25m flue extension inc. fixing screws	White	250mm	100mm	720643101
11	93° flue bend inc. fixing screws	White	93°	100mm	720648401
12	135° flue bend inc. fixing screws	White	135°	100mm	720648501
13	135° flue bend inc. fixing screws (pair)	White	135°	100mm	720647901
14	Offset adaptor elbow	White	EcoBlue Advance Combi and Ecoblue 32 System only	100mm	720635501
15	Stainless steel terminal guard – Ø 60/100	S/S	Stainless steel	100mm	720627901

Plume displacement kits Ø 60/100mm

Multifit Flue Group A

Item	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
16	Plume displacement terminal kit for telescopic flue inc. 1m extension and brackets	White		60mm	720627001
17	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
18	Plume displacement kit bend	White	93°	60mm	5121369
19	Plume displacement kit bend – pair	White	135°	60mm	5121370
20	Plume displacement terminal kit for telescopic flue inc. 1m extension and brackets	Black		60mm	720622901
21	Plume displacement kit extension and brackets	Black	1000mm	60mm	720643301
22	Plume displacement kit bend	Black	93°	60mm	720648701
23	Plume displacement kit bend – pair	Black	135°	60mm	720648601
24	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
25	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit Flue Group A

Item	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
26	Under balcony eaves flue kit	White	135°	60mm	7211039
27	Under balcony eaves flue kit	Black	135°	60mm	7211041
28	Vertical flue terminal	Black		100mm	5118576
29	Vertical ridge flue terminal	Brown		100mm	720647101
30	Roof cover plate			125mm	246143
8	1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
9	0.5m flue extension inc. fixing screws	White	500mm	100mm	720643001
10	0.25m flue extension inc. fixing screws	White	250mm	100mm	720643101
11	93° flue bend inc. fixing screws	White	93°	100mm	720648401
12	135° flue bend inc. fixing screws	White	135°	100mm	720648501
13	135° flue bend (pair) inc. fixing screws	White	135°	100mm	720647901
31	Pitched roof flashing		25°/50°	125mm	5122151
32	Flat roof flashing			125mm	246144









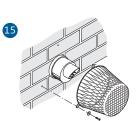
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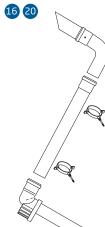


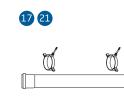




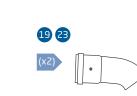


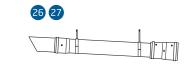


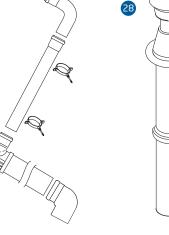


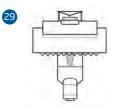


















Flue solutions

Horizontal concentric flues Ø 80/125mm

Multifit Flue Group G

Item	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
33	Horizontal flue inc. boiler and terminal adaptors	Black		125mm	5118580
34	1m flue extension	White	1000mm	125mm	5118584
35	Flue bend	White	91.5°	125mm	5118588
36	Flue bend (pair)	White	135°	125mm	5118597
37	Pipe support bracket	White	125mm flue pipes	125mm	5118610

Vertical concentric flues Ø 80/125mm

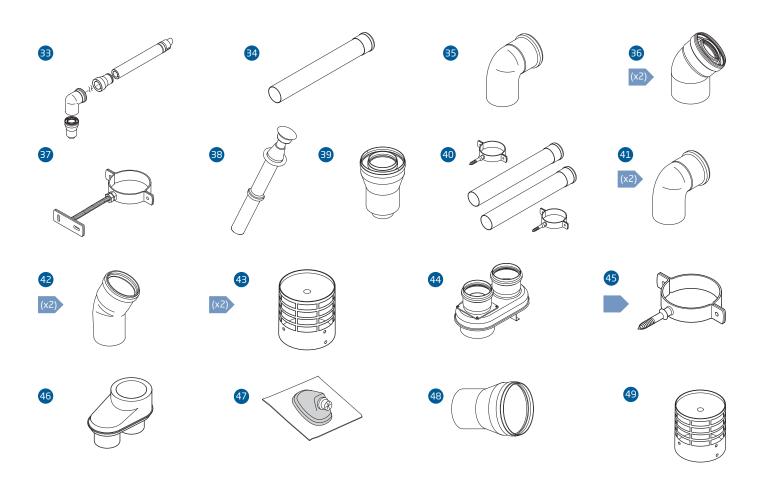
Multifit Flue Group G

ltem	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
38	Vertical flue terminal	Black		125mm	5111078
34	1m flue extension	White	1000mm	125mm	5118584
35	Flue bend	White	91.5°	125mm	5118588
36	Flue bend (pair)	White	135°	125mm	5118597
30	Roof cover plate			125mm	246143
39	Flue vertical adaptor	White		100/125mm	5111070
31	Pitched roof flashing		25°/55°	125mm	5122151
33	Flat roof flashing			125mm	246144
36	Pipe support brackets	White	125mm flue pipes	125mm	5118610

Twin pipe flues 80/80mm

Multifit Flue Group N

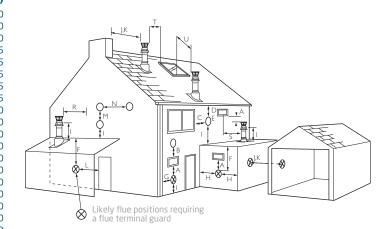
ltem	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
38	Vertical flue terminal	Black		125mm	5111078
40	Twin pipe extension (pair inc. Brackets)	White	1000mm	80mm	5111087
41	Twin pipe flue bend (pair)	White	90°	80mm	5111072
42	Twin pipe flue bend (pair)	White	135°	80mm	5111086
28	Roof cover plate			125mm	246143
43	Twin pipe flue horizontal terminal kit (air and exhaust)	Stainless steel	575mm	80mm	5120172
44	Twin pipe flue adaptor (boiler)	White		80/80mm	720089801
45	Twin pipe support (pair)	White		80mm	5111081
46	Pitched roof flue terminal	White		80/125mm	5111084
31	Pitched roof flashing		25°/50°	125mm	5122151
32	Flat roof flashing			125mm	246144
47	Pitched roof flue terminal	Black	25°/50°	60mm	720576301
48	Pitched roof terminal adaptor kit	White		60-80mm	5121792
49	Single flue terminal (air only)			80mm	5121791

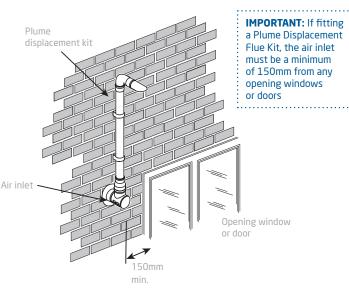


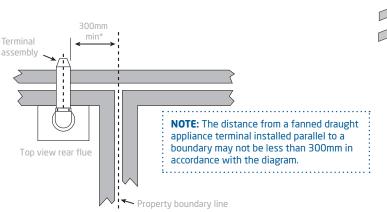
Flue solutions

Terminal position with minimum distance

(mm) A¹ Directly below an opening, air brick, opening windows etc 300 \mathbb{R}^1 Above an opening, air brick, opening window etc 300 C^1 Horizontally to an opening, air brick, opening window etc 300 D² Below gutters, soil pipes or drain pipes 25 E² Below eaves 25 F² Below balconies or car port roof 25 G² From a vertical drain pipe or soil pipe 25 H² From an internal or external corner 25 Above ground, roof or balcony level 300 From a surface or boundary line facing a terminal 600 From a terminal facing a terminal (Horizontal flue) Κ 1200 From a terminal facing a terminal (Vertical flue) 600 Κ From an opening in a carport (e.g. door, window) into the dwelling 1200 L Μ Vertically from a terminal on the same wall 1500 300 Ν Horizontally from a terminal on the same wall R From adjacent wall to flue (vertical only) 300 S From an adjacent opening window (vertical only) 300 Adjacent to windows or openings on pitched and flat roofs 600 Т U Below windows or openings on pitched roofs 2000 1. In addition, the terminal should be no nearer than 150mm to an opening in the building fabric formed for the purpose of accommodating a built-in element such as a window frame. 2. Only ONE 25mm clearance is allowed per installation. If one of the dimensions D, E, F, G or H is 25mm then the remainder MUST be as B.S.5440-1.







All descriptions and illustrations provided in this document have been carefully prepared but we reserve the right to make changes and improvements in our products which may affect the accuracy of the information contained in this leaflet. All goods are sold subject to our standard Conditions of Sale which are available on request.

Combi specification matrix



	Baxi 600 Combi	Baxi Duo-tec Combi	Baxi Platinum Combi
Outputs kW	24, 30	24, 28, 33, 40	24, 28, 33, 40
Flow rate (@35°C rise)	9.8, 12.3	9.8, 11.5, 13.4, 16.4	9.8, 11.4, 13.5, 16.4
Installer lift weight kg	29	40.2 to 42.2	40.2 to 42.2
Heat exchanger	Stainless Steel	Stainless Steel	Stainless Steel
Hydraulics	Brass	Brass	Brass
Pump	Grundfos	Grundfos	Grundfos
Cupboard fit	✓ (fits in a 290mm deep cupboard)	×	×
Filling device	Easy-Fill permanent filling link	Rigid filling link	Easy-Fill permanent filling link***
Flue position	Top Central	Top Offset	Top Offset
Warranty (Parts & Labour)	7 Years	7 Years	10 Years
Mounting	Hanging Bracket	Pre-Plumb Jig	Pre-Plumb Jig
Expansion vessel size	7 Litres	8 Litres	8 Litres
Boiler temperature controls	Dials	Dials	Dials
Integral timer / receiver	×	✓	×
uSense compatible	✓*	✓**	✓**
Pump Overrun		1	✓
Permanent Live	✓	✓	1

* Via OpenTherm Wireless Connection

** Via 240V Switch Live Connection *** Available Feb 2018

How we can help



Baxi Customer Support

- Team of experts with products at hand to support installation, service and repair
- Further technical support and how-to videos available at **baxi.co.uk**

Call us on **0344 871 1525**

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Training

- Fractical, harius on training
- Free of charge product training
- A range of specialist courses
- Expert trainers, all accredited, former heating engineers
- Training centres across the UK

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 - Free Gas Safe notification and easy warranty registration
 - Scan your barcodes using the Baxi Toolbelt App
 - Free annual service reminders sent to your customers on your behalf
 - Free listing on baxi.co.uk to receive homeowner leads
 - Earn points for every boiler you register

Visit **baxiworks.co.uk** to find out more

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Events

Visit Baxi Area Sales Managers at your local merchant for an opportunity to get your hands on the latest Baxi boilers and discuss developments in the heating industry.

For more information and to join us at a merchant local to you, visit **baxievents.co.uk**



Literature

You can order all the literature you need for you and your customers, including:

- Range guides
- Product brochures for consumers
- Installation instructions
- User guides
- Instructions for discontinued products

Call the Baxi literature hotline on **0344 871 1525** or contact your local Baxi Area Sales Manager.

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