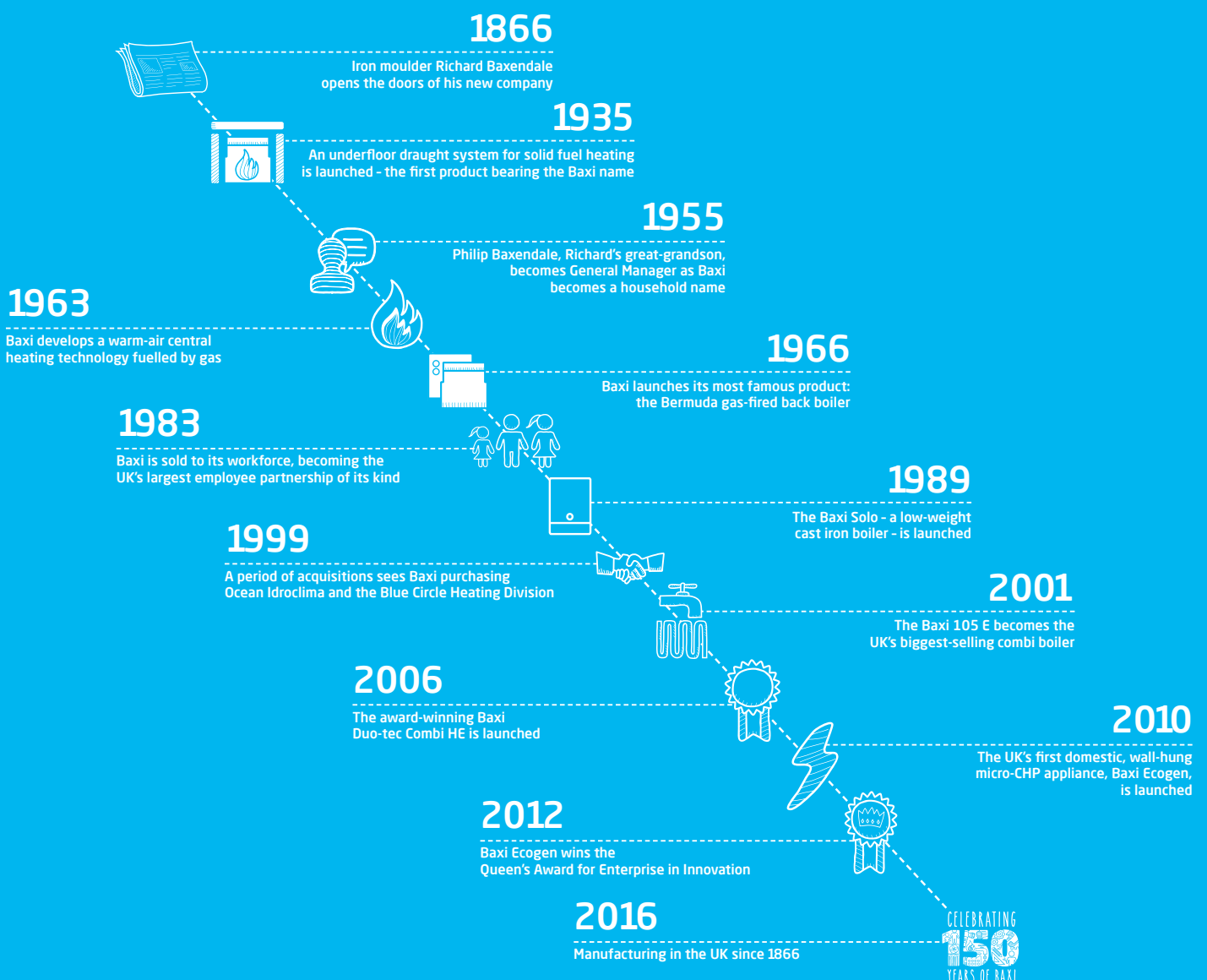# BAXI
Make it easy

ErP Compliant

Baxi 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

1866
Iron moulder Richard Baxendale opens the doors of his new company

1935
An underfloor draught system for solid fuel heating is launched – the first product bearing the Baxi name

1955
Philip Baxendale, Richard's great-grandson, becomes General Manager as Baxi becomes a household name

1963
Baxi develops a warm-air central heating technology fuelled by gas

1966
Baxi launches its most famous product: the Bermuda gas-fired back boiler

1983
Baxi is sold to its workforce, becoming the UK's largest employee partnership of its kind

1989
The Baxi Solo – a low-weight cast iron boiler – is launched

1999
A period of acquisitions sees Baxi purchasing Ocean Idroclima and the Blue Circle Heating Division

2001
The Baxi 105 E becomes the UK's biggest-selling combi boiler

2006
The award-winning Baxi Duo-tec Combi HE is launched

2010
The UK's first domestic, wall-hung micro-CHP appliance, Baxi Ecogen, is launched

2012
Baxi Ecogen wins the Queen's Award for Enterprise in Innovation

2016
Manufacturing in the UK since 1866

CELEBRATING
150
YEARS OF BAXI

†According to independent research.

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.

BAXI
Make it easy

A Efficiency Rating

XL **A** Efficiency Rating

10yr WARRANTY*

PERMANENT EASY FILLING LINK

EXTENSIVE FLUE OPTIONS

BRASS HYDRAULICS

Key features

Outputs: 24kW, 28kW, 33kW and 40kW

Pre-plumbing jig, with permanent easy filling link and preformed copper tails

Optional 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 accessories

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

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
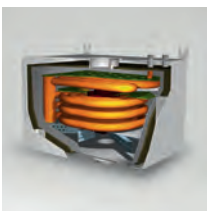Baxi IFOS (In Flue Outdoor Sensor)

5117391
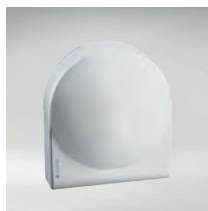Baxi programmable 24 hour wireless sensor

720030507
Baxi seven day programmable room thermostat

720971601
Baxi room thermostat

720056901
Multifit GasSaver GS1

7703233
Multifit wired outdoor sensor - Combi

7649277
Baxi uSense smart thermostat

247206
Baxi electro-mechanical 24 hour timer kit

Technical specifications

Boiler dimensions

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

Service clearances

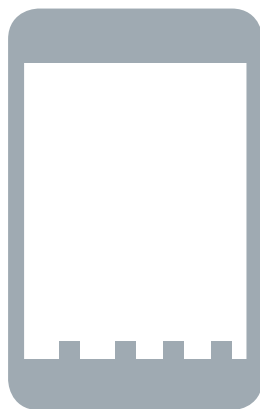| Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	175mm* (* 300mm if using 80/125 flueing system)	150mm*	5mm in operation*, (* 450mm for servicing purposes)

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

What's in the box?

Platinum Combi boiler + Pre-plumbing jig + Fitting instructions, template, user instructions, warranty + Easy-Fill permanent filling link + Copper pipe tails
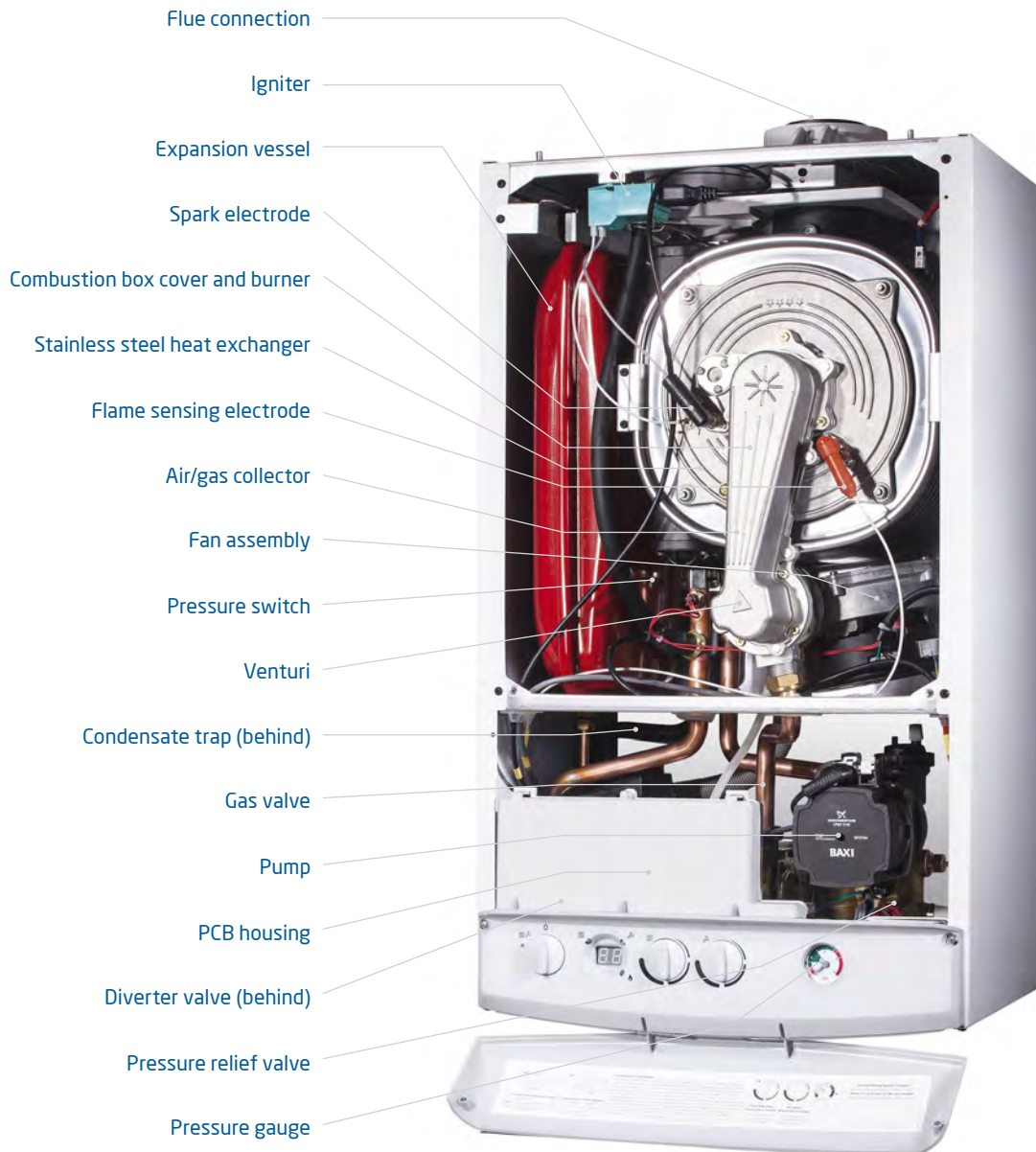
Technical details

Baxi Platinum Combi ErP

		24 Combi	28 Combi	33 Combi	40 Combi
Sales code	Boiler only	7219449	7219450	7219451	7219452
Controls and accessories					
Concealed user controls		✓	✓	✓	✓
On/off switch with reset		✓	✓	✓	✓
User adjustable DHW temperature		✓	✓	✓	✓
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
Integral 24 hour electro-mechanical timer		Optional	Optional	Optional	Optional
Baxi IFOS (7683084)		Optional	Optional	Optional	Optional
Baxi Easy-Fill (7665482)		Standard	Standard	Standard	Standard
Gas					
Gas supply pipe size	mm	22	22	22	22
Natural gas		✓	✓	✓	✓
Nominal inlet supply pressure	mbar	20	20	20	20
Maximum gas rate	m³/hr	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)	21.0	25.9	30.3	34.4
	kW min (Pnc)	7.4	9.5	10.2	12.1
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	l/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		6	6	6	6
ErP Product Information					
NOx	mg/kWh	20	23	20	23
Sound power level, indoors	LWA dB	50	53	52	50
Space heating efficiency class		A	A	A	A
Water heating declared load profile		XL	XL	XL	XL
Water heating efficiency class		A	A	A	A
Electrical					
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Permanent live required		✓	✓	✓	✓
Fitted electrical cable				1m x 3 core x 0.75mm² on all models	
Power consumption	Watts	85	120	125	125
External fuse rating	Amps	3	3	3	3
Internal fuse rating	Amps	F2L	F2L	F2L	F2L
Ingress protection rating (without electro-mechanical timer fitted)		IPX 5D	IPX 5D	IPX 5D	IPX 5D
24 hour pump exercise		✓	✓	✓	✓
Pump overrun		✓	✓	✓	✓
Integral 'boiler only' frost thermostat		✓	✓	✓	✓
Mechanical and hydraulic					
Compartment ventilation requirement		None	None	None	None
Pre-plumbing/wall mounting jig		✓	✓	✓	✓
Flow and return pipe size	mm	22	22	22	22
Condensate discharge pipe size	mm	21.5	21.5	21.5	21.5
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
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	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
Weights					
Installer lift weight (boiler) (max)	kg	40.2	40.2	41.7	42.2
Gross packaged boiler weight	kg	46	46	47.5	48

What's inside the boiler?

Baxi Platinum Combi

Flue connection

Igniter

Expansion vessel

Spark electrode

Combustion box cover and burner

Stainless steel heat exchanger

Flame sensing electrode

Air/gas collector

Fan assembly

Pressure switch

Venturi

Condensate trap (behind)

Gas valve

Pump

PCB housing

Diverter valve (behind)

Pressure relief valve

Pressure gauge

HOW WE MAKE IT EASY

An industry-leading choice of flues.

Flues

Horizontal concentric flues Ø 60/100mm

Multifit flue group A

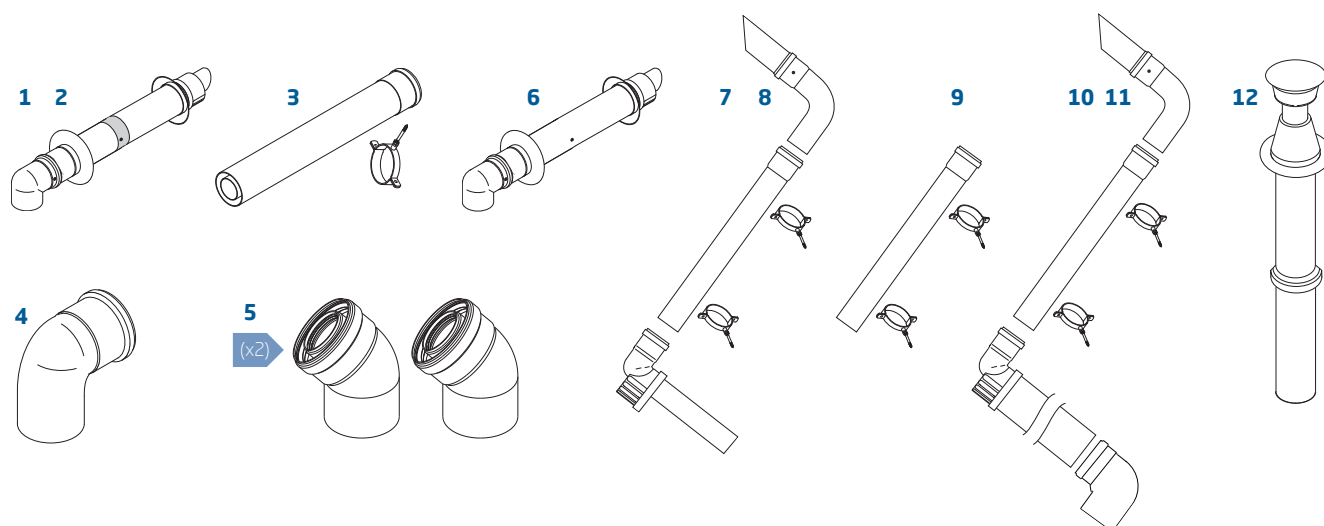|	Item description	Colour	Specification	Key and OD dimensions	Sales code
1	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/white terminal	315mm - 500mm	100mm	720599401
2	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 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
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

	Item 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

	Item 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

A
Efficiency Rating

XL A
Efficiency Rating

7 yr
WARRANTY*

PRE-PLUMBING JIG SUPPLIED

RIGID FILLING LOOP

LPG MODEL AVAILABLE

Key features

Outputs: 24kW, 28kW, 33kW and 40kW

Pre-plumbing jig, with temporary rigid filling loop

Built-in frost thermostat

Class leading flow rate (up to 16.4 litres per minute) at 35°C rise

Dedicated 28kW LPG model

Telescopic horizontal flue available

Compatible with Multifit flue kits

Benefits

To suit most property sizes

Easy to install and maintain

Suitable for siting in garages and lofts

Perfect for homes with more than one bathroom

Suitable for homes without mains gas

Quick and easy to fit

Industry-leading choice of lengths, bends, accessories

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

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.
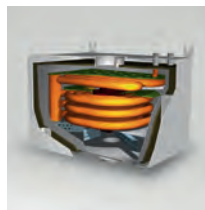
Accessories

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

7683084
Baxi IFOS (In Flue Outdoor Sensor)

247206
Baxi electro-mechanical 24 hour timer kit

720056901
Multifit GasSaver GS1

720971601
Baxi room thermostat
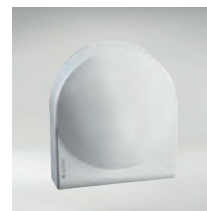
7604081
Baxi qSense digital room thermostat

5117391
Baxi programmable 24 hour wireless sensor

720030507
Baxi seven day programmable room thermostat

7665482
Easy-Fill permanent filling link

7703233
Multifit wired outdoor sensor - Combi

7649277
Baxi uSense smart thermostat

Technical specifications

Boiler dimensions

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

Service clearances

Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	175mm* (* 300mm if using 80/125 flueing system)	150mm*	5mm in operation*, (* 450mm for servicing 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		✓	✓	✓	✓	✓
User adjustable DHW temperature		✓	✓	✓	✓	✓
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 LEDs
Baxi IFOS (7683084)		Optional	Optional	Optional	Optional	Optional
Baxi Easy-Fill (7665482)		Optional	Optional	Optional	Optional	Optional
Gas						
Gas supply pipe size	mm	22	22	22	22	22
Natural gas		✓	✓	✓	✓	N/A
LPG (propane)		N/A	N/A	N/A	N/A	3
Nominal inlet supply pressure NG	mbar	20	20	20	20	N/A
Nominal inlet supply pressure LPG	mbar	N/A	N/A	N/A	N/A	37
Maximum gas rate	m³/hr	2.61	3.1	3.6	4.36	2.25
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	9.5
Heat input domestic hot water (DHW)	kW max gross (QnwHs)	27.4	32.1	37.7	45.7	32.1
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)	%	89.0	89.0	88.9	88.9	90.6
NOx Class		6	6	6	6	6
ErP Product Information						
NOx	mg/kWh	20	23	20	23	23
Sound power level, indoors	LWA dB	50	53	52	50	53
Space heating efficiency class		A	A	A	A	A
Water heating declared load profile		XL	XL	XL	XL	XL
Water heating efficiency class		A	A	A	A	A
Electrical						
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Permanent live required		✓	✓	✓	✓	✓
Fitted electrical cable		1m x 3 core x 0.75mm² on all models				
Power consumption	Watts	85	120	125	125	120
External fuse rating	Amps	3	3	3	3	3
Internal fuse rating	Amps	F2L	F2L	F2L	F2L	F2L
Ingress protection rating (without electro-mechanical timer fitted)		IPX 5D	IPX 5D	IPX 5D	IPX 5D	IPX 5D
24 hour pump exercise		✓	✓	✓	✓	✓
Pump overrun		✓	✓	✓	✓	✓
Integral 'boiler only' frost thermostat		✓	✓	✓	✓	✓
Mechanical and hydraulic						
Compartment ventilation requirement		None	None	None	None	None
Pre-plumbing/wall mounting jig		✓	✓	✓	✓	✓
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		✓	✓	✓	✓	✓
Min domestic hot water flow rate	l/min	2	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	8
Safety discharge pressure	bar	3	3	3	3	3
Integral expansion vessel capacity	litres	8	8	10	10	8
Max capacity of central heating system	litres	125	125	155	155	125
Rigid filling loop included		✓	✓	✓	✓	✓
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 equiv length 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
Weights						
Installer lift weight (boiler) (max)	kg	40.2	40.2	41.7	42.2	40.2
Gross packaged boiler weight	kg	46	46	47.5	48	46

What's inside the boiler?

Baxi Duo-tec Combi

Igniter

Expansion vessel

Spark electrode

Combustion box cover and burner

Stainless steel heat exchanger

Flame sensing electrode

Air/gas collector

Pressure switch

Venturi

Condensate trap (behind)

Pump

Pressure relief valve

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

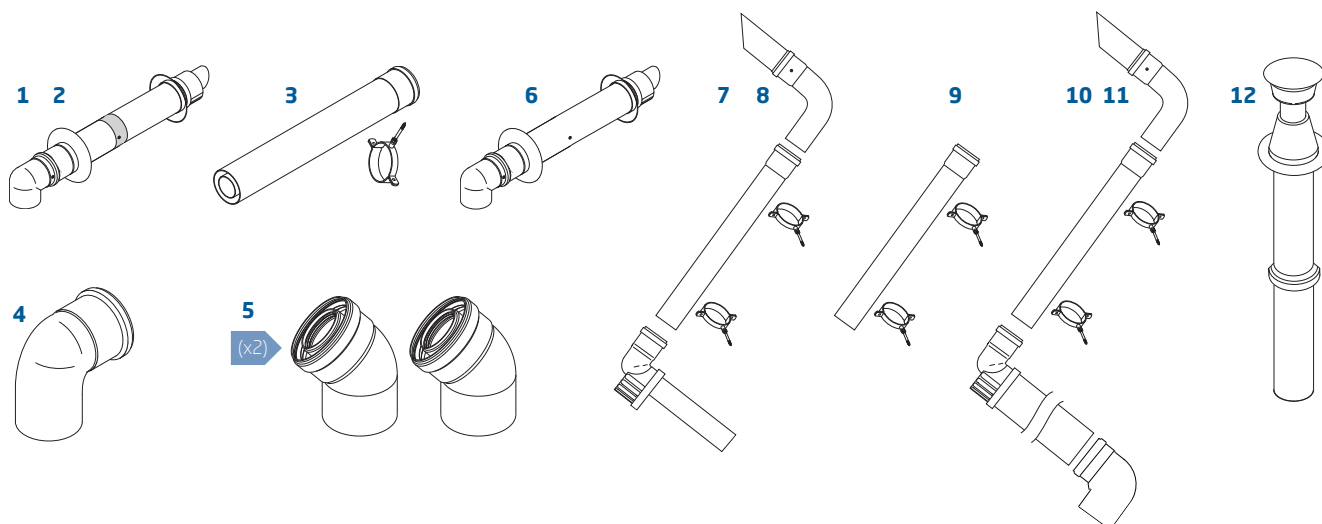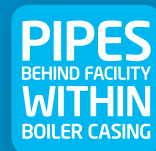|	Item description	Colour	Specification	Key and OD dimensions	Sales code
1	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/white terminal	315mm - 500mm	100mm	720599401
2	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 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
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

	Item 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

	Item 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

A Efficiency Rating
XL A Efficiency Rating

7yr WARRANTY*

COMPACT SIZE

BAXI USENSE COMPATIBLE

PIPES BEHIND FACILITY WITHIN BOILER CASING

BRASS HYDRAULICS

Key features

Outputs 24kW, 30kW and 36kW

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

To suit most property sizes

Flow rates up to 15.0 litres per minute**

Can be installed in a 290mm deep cupboard

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

29.5kg lift weight

Single spring loaded lever enables homeowners to top up the system quickly and easily

Trusted and robust

For easy replacement

Compatible 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

ErP Compliant

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
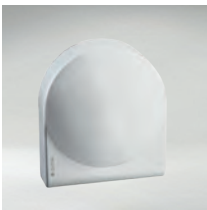

7649277
Baxi uSense smart thermostat

7683084
Baxi IFOS (In Flue Outdoor Sensor)

720971601
Baxi wired room thermostat

720971401
Wall mounted 24hr mechanical timer

7703233
Multifit wired outdoor sensor - Combi

7212444
Baxi single channel wired timer

7212438
Baxi single channel wired programmable room thermostat

720030501
Baxi combi wireless 7 Day programmable room stat

Technical specifications

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 servicing 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
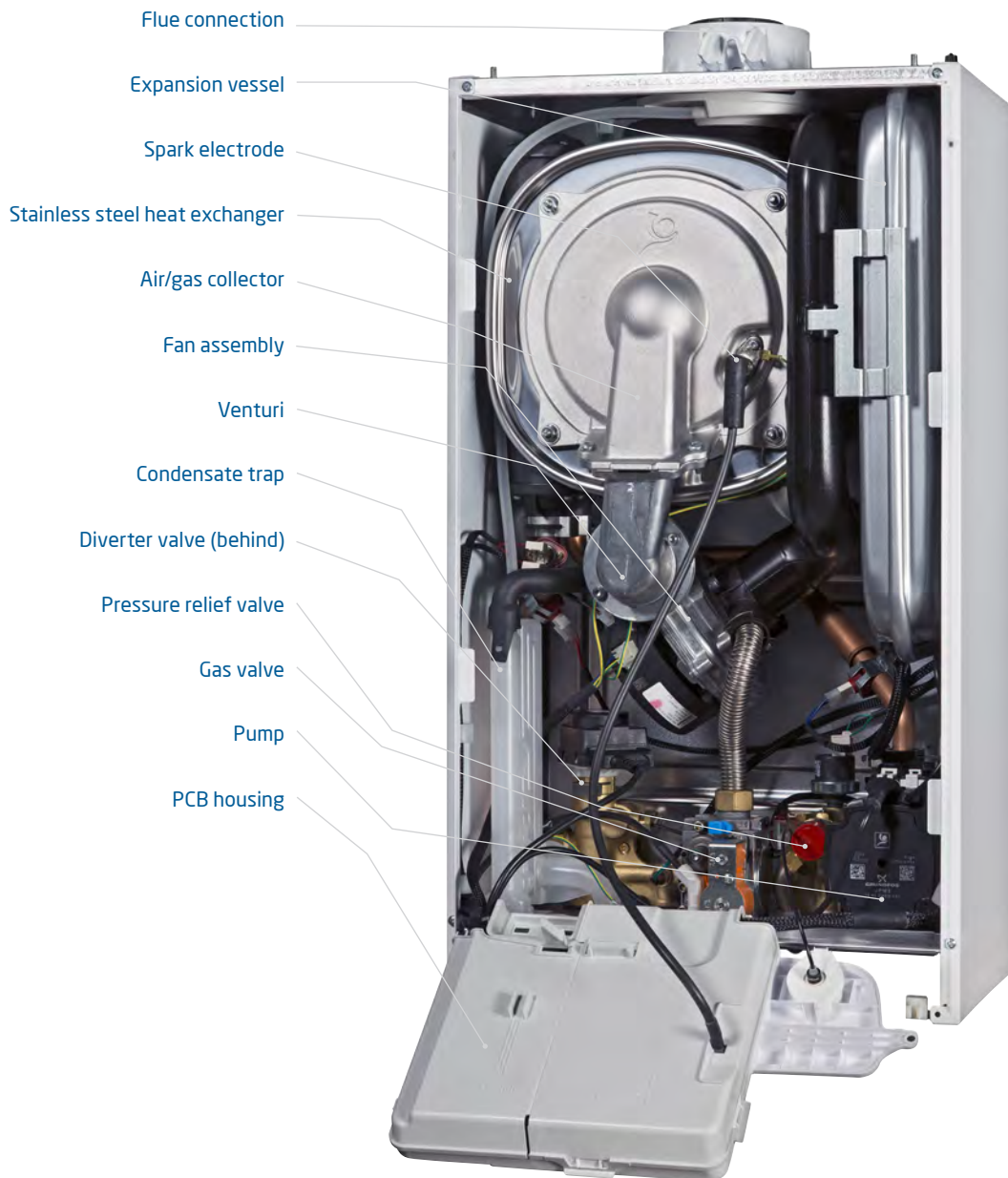
Technical details

Baxi 600 Combi ErP

		624 Combi	630 Combi	636 Combi
Sales code	Boiler only	7682194	7682101	7691350
Controls and accessories				
User adjustable DHW temperature	Range - 35°C to 60°C	✓	✓	✓
User adjustable CH temperature	Range - 25°C to 80°C	✓	✓	✓
Temp/status/fault diagnosis display		LCD display	LCD display	✓
uSense Wired (optional accessory)	7649277	Optional	Optional	✓
Integral 24 hr Electro-mechanical timer		N/A	N/A	N/A
Wired 24hr Electro-mechanical timer (optional accessory)	720971401	Optional	Optional	Optional
7 Day RF Digital Programmable Room Thermostat (optional accessory)	720030501	Optional	Optional	Optional
Single Channel Wired Programmable Room Thermostat (optional accessory)	7212438	Optional	Optional	Optional
Single Channel Wired Timer (optional accessory)	7212444	Optional	Optional	Optional
Wired room Thermostat (optional accessory)	720971601	Optional	Optional	Optional
Wired Outdoor Weather Sensor (optional accessory)	7703233	Optional	Optional	Optional
Baxi IFOS (optional accessory)	7683084	Optional	Optional	Optional
Baxi Easy-Fill	7665482	✓	✓	✓
Gas				
Natural gas		✓	✓	✓
Propane LPG		Refer to LPG models on page 12		
Inlet supply pressure (natural gas)	mbar (nominal)	20	20	20
Maximum Gas Rate (G20) Qmax	m³/hr	2.71	3.26	3.81
NOx	mg/kWh	31	31	39
NOx class		6	6	6
Heat input CH	kW (Max) Gross (QnHs)	22.9	22.9	28.6
	kW (Min) Gross (QnHs)	6.9	6.9	7.4
Heat output CH (non condensing)	kW (Max) (Pn)	20	20	25
	kW (Min) (Pn)	6.1	6.1	6.7
Heat output CH (condensing)	kW (Max) (Pnc)	21.2	21.2	26.4
	kW (Min) (Pnc)	6.7	6.7	6.7
Heat input domestic hot water (DHW)	kW max gross (QnwHs)	28.6	34.3	40.8
Heat output domestic hot water (Nominal)	kW max	25	30	36
SAP 2009 Annual Efficiency (PCDB/SEDBUK)		89%	89%	89%
ErP Product Information				
Seasonal Space Heating Energy Efficiency		93%	93%	93%
Sound power level, indoors	LWA dB	51	51	50
Space heating efficiency class		A	A	A
Water heating declared load profile		XL	XL	XL
Water heating efficiency class		A	A	A
Electrical				
Electrical supply	Volts / Hz	230V / 50Hz	230V / 50Hz	230V/50HZ
Permanent live required		✓	✓	✓
Electrical cable supplied	(0.75mm heat resistant flex)	✗	✗	✗
Power consumption when firing	Watts	68	78	110
External fuse rating	Amps	3	3	3
Internal fuse rating	Amps	F2A H250V	F2A H250V	F2A H250V
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		✓	✓	✓
Mechanical				
Hanging Bracket		✓	✓	✓
Isolating valves with pre-formed copper tails		✓	✓	✓
Gas supply pipe size	(mm)	22	22	22
Central heating connections	(mm)	22	22	22
Domestic Hot Water connections	(mm)	15	15	15
Condensate discharge pipe connection	(mm)	21.5	21.5	21.5
Safety discharge pipe connection	(mm)	15	15	15
Pre-plumbing jig accessory (optional accessory)	7682545	✓	✓	✓
Rear pipework kit (optional accessory)	7682790	✓	✓	✓
Easy-Fill permanent filling link		✓	✓	✓
Remote secondary PRV kit (optional accessory)	5121379	✓	✓	✓
Hydraulic				
Maximum DHW flow rate (Delta T @ 35°C max)	l/min	10.2	12.2	15.0
Minimum DHW flow rate required	l/min	2	2	2
Minimum operating DHW pressure required	bar	0.5	0.5	0.5
Maximum DHW system pressure	bar	8	8	8
Safety discharge pressure	bar	3	3	3
Compartment ventilation required		✗	✗	✗
Easy-Fill permanent filling link supplied		✓	✓	✓
Integral expansion vessel	Size (litres)	7	7	7
Maximum capacity of CH system	Litres	100	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	60/100 and 80/125
Standard telescopic horizontal flue (60/100mm)	mm	315-500	315-500	315-500
Standard horizontal flue kit (60/100mm)	mm	685	685	685
Max equiv length horizontal/vertical (60/100mm)	m	10	10	10
Max equiv length horizontal/vertical (80/125mm)	m	20	20	20
Equivalent length per 135° bend	m	0.50	0.50	0.50
Equivalent length per 93° bend	m	1.00	1.00	1.00
Weights				
Installer lift weight (boiler)	Max (kg)	29.2	29.2	30.2
Gross packaged boiler weight	(kg)	32.2	32.2	33.5

What's inside the boiler?

Baxi 600 Combi

Flue connection

Expansion vessel

Spark electrode

Stainless steel heat exchanger

Air/gas collector

Fan assembly

Venturi

Condensate trap

Diverter valve (behind)

Pressure relief valve

Gas valve

Pump

PCB housing

HOW WE MAKE IT EASY

An industry-leading choice of flues.

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
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

	Item 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

	Item 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

![Baxi 600 boiler with feature badges: A/A XL Efficiency Rating, 7yr Warranty*, Compact Size, Baxi uSense Compatible, Pipes Behind Facility Within Boiler Casing, Brass Hydraulics]

Key features

Outputs 24kW and 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

To suit most property sizes

Flow rates up to 12.2 litres per minute**

Can be installed in a 290mm deep cupboard

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

29.5kg lift weight

Single spring loaded lever enables homeowners to top up the system quickly and easily

Trusted and robust

For easy replacement

Compatible with Baxi uSense Smart Wired Thermostat

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

ErP Compliant

Baxi 600 Combi LPG

The Baxi 600 Combi LPG 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 LPG
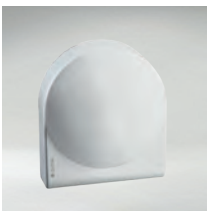

7649277
Baxi uSense smart thermostat

7683084
Baxi IFOS (In Flue Outdoor Sensor)

720971601
Baxi wired room thermostat

720971401
Wall mounted 24hr mechanical timer

7703233
Multifit wired outdoor sensor - Combi

7212444
Baxi single channel wired timer

7212438
Baxi single channel wired programmable room thermostat

720030501
Baxi combi wireless 7 Day programmable room stat

Technical specifications

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 servicing purposes)

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

What's in the box?

Baxi 600 Combi LPG boiler + Wall mounted bracket + Literature and fitting pack + Easy-Fill permanent filling link + Copper pipe tails
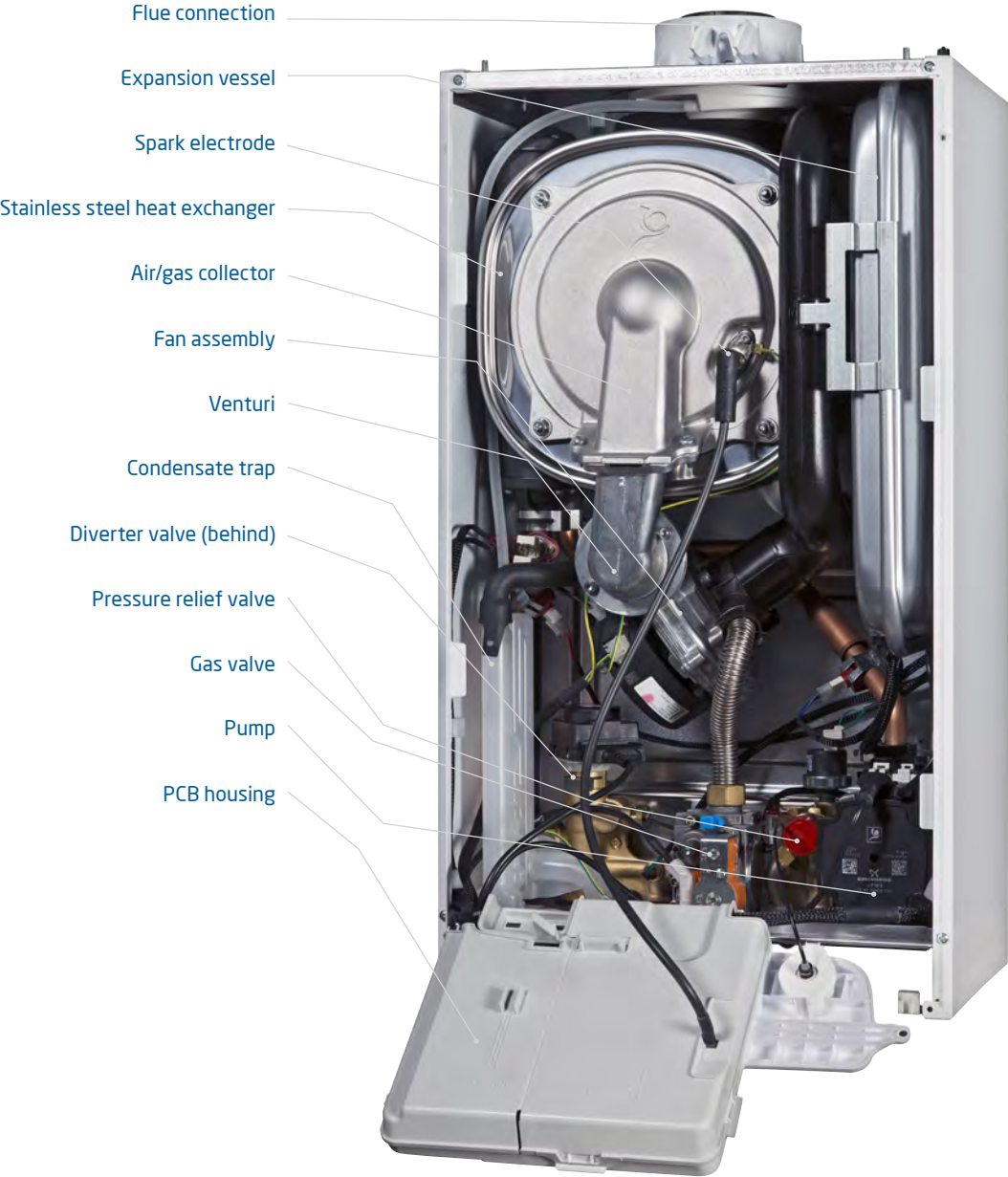
Technical details

Baxi 600 Combi LPG ErP

		624 Combi LPG	630 Combi LPG
Sales code	Boiler only	7703803	7703804
Controls and accessories			
User adjustable DHW temperature	Range - 35°C to 60°C	✓	✓
User adjustable CH temperature	Range - 25°C to 80°C	✓	✓
Temp/status/fault diagnosis display		LCD display	LCD display
uSense Wired (optional accessory)	7649277	Optional	Optional
Integral 24 hr Electro-mechanical timer		✗	✗
Wired 24hr Electro-mechanical timer (optional accessory)	720971401	Optional	Optional
7 Day RF Digital Programmable Room Thermostat (optional accessory)	720030501	Optional	Optional
Single Channel Wired Programmable Room Thermostat (optional accessory)	7212438	Optional	Optional
Single Channel Wired Timer (optional accessory)	7212444	Optional	Optional
Wired room Thermostat (optional accessory)	720971601	Optional	Optional
Wired Outdoor Weather Sensor (optional accessory)	7703233	Optional	Optional
Baxi IFOS (optional accessory)	7683084	Optional	Optional
Baxi Easy-Fill	7665482	✓	✓
Gas			
Natural gas		Refer to NG models on page 10	✓
Propane LPG		✓	✓
Inlet supply pressure (LPG)	mbar (nominal)	37	37
Maximum Gas Rate (G31) Qmax	m³/hr	1.98	2.38
NOx	mg/kWh	29.7	28.3
NOx class		6	6
Heat input CH (Nominal)	kW (Max) Gross (QnHs)	22.9	22.9
	kW (Min) Gross (QnHs)	6.9	6.9
Heat output CH (non condensing)	kW (Max) (Pn)	20	20
	kW (Min) (Pn)	6.1	6.2
Heat output CH (condensing)	kW (Max) (Pnc)	21.2	21.2
	kW (Min) (Pnc)	6.7	6.7
Heat input domestic hot water (Nominal)	kW max gross (QnwHs)	28.6	34.3
Heat output domestic hot water	kW max	25	30
SAP 2009 Annual Efficiency (PCDB/SEDBUK)		89%	89%
ErP Product Information			
Seasonal Space Heating Energy Efficiency		93%	93%
Sound power level, indoors	LWA dB	51	51
Space heating efficiency class		A	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		✓	✓
Electrical cable supplied	(0.75mm heat resistant flex)	✗	✗
Power consumption when firing	Watts	68	78
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		✓	✓
Pump overrun		✓	✓
Integral 'boiler only' frost thermostat		✓	✓
Mechanical			
Hanging Bracket		✓	✓
Isolating valves with pre-formed copper tails		✓	✓
Gas supply pipe size	(mm)	22	22
Central heating connections	(mm)	22	22
Domestic Hot Water connections	(mm)	15	15
Condensate discharge pipe connection	(mm)	21.5	21.5
Safety discharge pipe connection	(mm)	15	15
Pre-plumbing jig accessory (optional accessory)	7682545	✓	✓
Rear pipework kit (optional accessory)	7682790	✓	✓
Easy-Fill permanent filling link		✓	✓
Remote secondary PRV kit (optional accessory)	5121379	✓	✓
Hydraulic			
Maximum DHW flow rate (Delta T @ 35°C max)	l/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		✗	✗
Easy-Fill permanent filling link supplied		✓	✓
Integral expansion vessel	Size (litres)	7	7
Maximum capacity of CH system	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)	mm	685	685
Max equiv length horizontal/vertical (60/100mm)	m	10	10
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)	29.2	29.2
Gross packaged boiler weight	(kg)	32.2	32.2

What's inside the boiler?

Baxi 600 Combi LPG

Flue connection

Expansion vessel

Spark electrode

Stainless steel heat exchanger

Air/gas collector

Fan assembly

Venturi

Condensate trap

Diverter valve (behind)

Pressure relief valve

Gas valve

Pump

PCB housing

HOW WE MAKE IT EASY

An industry-leading choice of flues.

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
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

	Item 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

	Item 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

A Efficiency Rating
A XL Efficiency Rating

5yr WARRANTY*

COMPACT SIZE

OPTIONAL STAND OFF FRAME

RIGID FILLING LINK

SIMPLE HANGING BRACKET

Key features

| Outputs: 24kW and 28kW |
| Compact size |
| 26kg lift weight |
| Simple hanging bracket |
| Modular fan gas air unit |
| Rigid filling loop |
| Optional stand off frame |
| Industry leading choice of flue lengths, bends and accessories |
| Vertical packaging |
| Opentherm Interface |

Benefits

| To suit most property sizes |
| Can be installed in a 290mm deep cupboard |
| Easier to manoeuvre |
| For easy installation |
| For easy maintenance |
| For a neater finish |
| Neater installations for hidden pipework |
| For versatile siting and easy replacement |
| Easy to transport and unpack |
| Compatible with Baxi uSense Smart Wired Thermostat |

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

> *Baxi listened to the needs of installers and their customers and has designed a compact combi that will fit virtually anywhere, making it easier for installers to site the boiler.*
>
> **Steve Turner**
> P&H Services Ltd, Kenilworth

Baxi 400 Combi

The Baxi 400 is a high efficiency boiler; simple to use and provides plenty of heating and hot water. The boiler has a rigid filling loop for a neater finish and has the option to be operated using a smart phone or tablet. The reliable Baxi technology is backed by a five year parts and labour warranty* for extra peace of mind.

Accessories and controls

The following accessories are compatible with the Baxi 400 Combi

7649277
Baxi uSense smart thermostat

7683084
Baxi IFOS (In Flue Outdoor Sensor)

7658276
Baxi plug-in 24 hr single channel mechanical timer

7658523
Baxi plug-in 7 day single channel digital timer

7658781
Baxi plug-in receiver 24 hr single channel programmable mechanical room thermostat

7658789
Baxi plug-in receiver 7 day RF digital single channel programmable room thermostat

7212438
Baxi single channel wired programmable room thermostat

7212444
Baxi single channel wired timer

720971601
Baxi room thermostat

7703233
Multifit wired outdoor sensor - Combi

Technical specifications

Boiler dimensions

Width [A]	Height [B]	Depth [C]
395mm	700mm	279mm

Service clearances

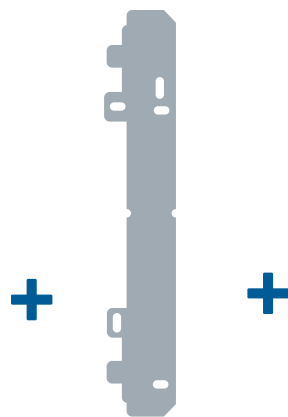| Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	178mm*	200mm*	6mm in operation*, (* 450mm for servicing purposes)

* These are the minimum recommended dimensions. Greater clearance will aid installation and maintenance.
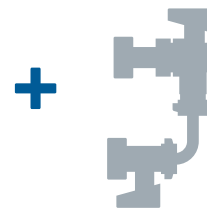
What's in the box?

Baxi 400 Combi boiler

Wall mounted bracket

Literature and fitting pack

Filling loop

Copper pipe tails

Technical details

Baxi 400 Combi

		24 Combi	28 Combi
Sales code	Boiler only	7656162	7656163
Accessories and controls			
Concealed user controls		✗	✗
Operating mode selector switch with reset		✓	✓
User adjustable DHW temperature	Range - 35°C to 60°C	✓	✓
User adjustable CH temperature	Range - 25°C to 80°C	✓	✓
Temp/status/fault diagnosis display		LCD display	LCD display
Integral 24 hr electro-mechanical timer (247206)		Optional	Optional
Plug-in 24 hr mechanical timer combi (7658276)		Optional	Optional
Plug-in 7 day digital timer combi (7658523)		Optional	Optional
Plug-in receiver 24 hr RF programmable mechanical room thermostat-combi (7658781)		Optional	Optional
Plug-in receiver 7 day RF digital programmable mechanical room thermostat-combi (7658789)		Optional	Optional
Single channel 7 day wired programmable room thermostat-combi (7212438)		Optional	Optional
Single channel wired timer (7212444)		Optional	Optional
Room thermostat (720971601)		Optional	Optional
Baxi 200 and 400 stand off kit (7659335)		Optional	Optional
Baxi IFOS (7683084)		Optional	Optional
Baxi Easy-Fill (7665482)		Optional	Optional
ErP Product Information			
Seasonal Space Heating Energy Efficiency	%	93	93
NOx	mg/kWh	38	40
Sound power level, indoors	LWA dB	48	50
Space heating efficiency class		A	A
Water heating declared load profile		XL	XL
Water heating efficiency class		A	A
Heat input CH	kW (Max) Gross (QnHs)	22.87	27.42
	kW (Min) Gross (QnHs)	5.44	5.44
Heat output CH (non condensing) factory setting	kW (Max) (Pn)	20	20
	kW (Min) (Pn)	4.8	4.8
Heat output CH (condensing) factory setting	kW (Max) (Pnc)	21.8	21.8
	kW (Min) (Pnc)	5.2	5.2
Gas			
Gas supply pipe size	(mm)	22	22
Inlet supply pressure (natural gas)	mbar (nominal)	20	20
Maximum Gas Rate (nat Gas after 10 mins)	m³/hr	2.61	3.06
SAP 2009 annual efficiency (PCDB / SEDBUK)	%	89	89
NOx class		6	6
Mechanical and hydraulic			
Heat input domestic hot water (DHW)	kW max gross (QnwHs)	27.4	32.1
Heat output domestic hot water	kW max	24	28
Maximum DHW flow rate (Delta T @ 35°C max)	l/min	9.8	11.5
Minimum DHW flow rate required	l/min	2	2
Minimum operating DHW pressure required	bar	0.15	0.15
Maximum DHW system pressure	bar	8	8
Safety discharge pressure	bar	3	3
Compartment ventilation required		✗	✗
Flow/return pipe size	(mm)	22	22
Filling loop supplied		✓	✓
Integral expansion vessel	Size (litres)	7	7
CH system inhibitor required		✓	✓
Condensate discharge pipe size	(mm)	21.5	21.5
Electrical			
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz
Permanent live required		✓	✓
Electrical cable required	core	3 x 0.75	3 x 0.75
Power consumption when firing	Watts	84	94
External fuse rating	Amps	3	3
Internal fuse rating - connection board	Amps	0.5	0.5
Internal fuse rating - Main PCB board	Amps	1.6	1.6
Boiler IP rating (electrical protection) without integral timer fitted	Approval Category	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
Horizontal concentric (60/100mm)	Max equivalent length (m)	10	10
	Reduction Per 135° bend (m)	0.5	0.5
	Reduction Per 93° bend (m)	1	1
Horizontal concentric (80/125mm)	Max equivalent length (m)	20	20
Weights			
Installer lift weight (boiler)	Max (kg)	26	26
Gross packaged boiler weight	(kg)	30	30

What's inside the boiler?

Baxi 400 Combi

Flue adaptor

Expansion vessel

Heat exchanger

Detection/Ignition electrode

Air-gas assembly

Overheat safety thermostat

Heating circuit water return sensor

Condensate trap

Pump

Silencer

Optional plug in timer

Boiler controls

Pressure gauge

Boiler electrical connection board

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

	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 and bracket	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

	Item 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 kit extension and brackets	Black	1000mm	60mm	720643301
11	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
12	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit flue group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
13	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

A Efficiency Rating

XL **A** Efficiency Rating

5yr WARRANTY*

COMPACT SIZE

OPTIONAL STAND OFF FRAME

RIGID FILLING LOOP

SIMPLE HANGING BRACKET

Key features

Output: 28kW

Compact size

26kg lift weight

Simple hanging bracket

Modular fan gas air unit

Rigid filling loop

Optional stand off frame

Industry leading choice of flue lengths, bends and accessories

Vertical packaging

Opentherm interface

Benefits

Suitable for most properties

Can be installed in a 290mm deep cupboard

Easier to manoeuvre

For easy installation

For easy maintenance

For a neater finish

Neater installations for hidden pipework

For versatile siting and easy replacement

Easy to transport and unpack

Compatible with Baxi uSense Smart Wired Thermostat

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

Baxi 400 Combi LPG

The Baxi 400 LPG is a high efficiency boiler; simple to use and provides plenty of heating and hot water. The boiler has a rigid filling loop for a neater finish and has the option to be operated using a smart phone or tablet. The reliable Baxi technology is backed by a five year parts and labour warranty* for extra peace of mind.

Accessories and controls

The following accessories are compatible with the Baxi 400 Combi LPG
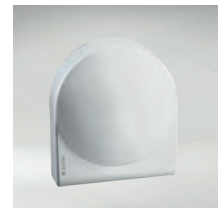
7649277
Baxi uSense smart thermostat

7683084
Baxi IFOS (In Flue Outdoor Sensor)

7658276
Baxi plug-in 24 hr single channel mechanical timer

7658523
Baxi plug-in 7 day single channel digital timer

7703233
Multifit wired outdoor sensor - Combi

7658789
Baxi plug-in receiver 7 day RF digital single channel programmable room thermostat

7212438
Baxi single channel wired programmable room thermostat

7212444
Baxi single channel wired timer

720971601
Baxi room thermostat

720030501
Baxi combi wireless 7 Day programmable room stat

Technical specifications

Boiler dimensions

Width [A]	Height [B]	Depth [C]
395mm	700mm	279mm

Service clearances

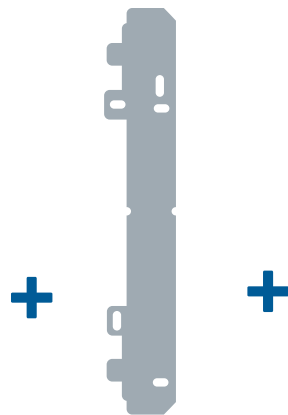| Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	178mm*	200mm*	6mm in operation*, (* 450mm for servicing purposes)

* These are the minimum recommended dimensions. Greater clearance will aid installation and maintenance.
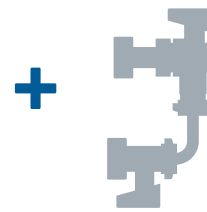
What's in the box?

Baxi 400 Combi LPG boiler

Wall mounted bracket

Literature and fitting pack
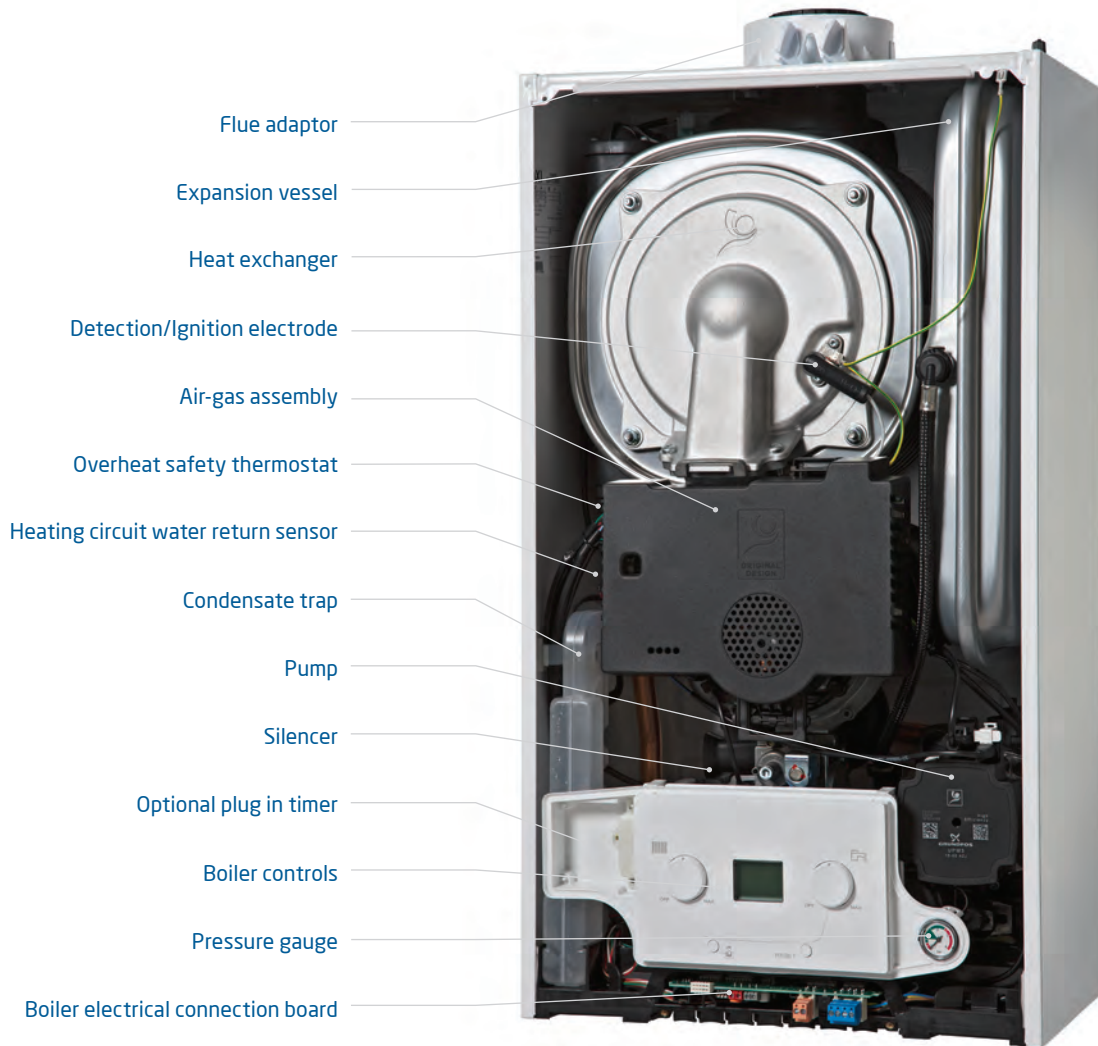
Filling loop

Copper pipe tails

Technical details

Baxi 400 Combi

28 Combi LPG

Sales code		Boiler only	7676760
Accessories and controls			
Concealed user controls			✗
Operating mode selector switch with reset			✓
User adjustable DHW temperature		Range - 35°C to 60°C	✓
User adjustable CH temperature		Range - 25°C to 80°C	✓
Temp/status/fault diagnosis display			LCD display
Integral 24 hr electro-mechanical timer (247206)			Optional
Plug-in 24 hr mechanical timer combi (7658276)			Optional
Plug-in 7 day digital timer combi (7658523)			Optional
Plug-in receiver 24 hr RF programmable mechanical room thermostat-combi (7658781)			Optional
Plug-in receiver 7 day RF digital programmable mechanical room thermostat-combi (7658789)			Optional
Single channel 7 day wired programmable room thermostat-combi (7212438)			Optional
Single channel wired timer (7212444)			Optional
Room thermostat (720971601)			Optional
Baxi 200 and 400 stand off kit (7659335)			Optional
Baxi IFOS (7683084)			Optional
ErP Product Information			
Seasonal Space Heating Energy Efficiency		%	93
NOx		mg/kWh	40
Sound power level, indoors		LWA dB	50
Space heating efficiency class			A
Water heating declared load profile			XL
Water heating efficiency class			A
Heat input CH		kW (Max) Gross (QnHs)	27.42
		kW (Min) Gross (QnHs)	5.44
Heat output CH (non condensing) factory setting		kW (Max) (Pn)	20
		kW (Min) (Pn)	4.8
Heat output CH (condensing) factory setting		kW (Max) (Pnc)	21.8
		kW (Min) (Pnc)	5.2
Gas			
Gas supply pipe size		(mm)	22
Inlet supply pressure (natural gas)		mbar (nominal)	20
Maximum Gas Rate (nat Gas after 10 mins)		m³/hr	3.06
SAP 2009 annual efficiency (PCDB / SEDBUK)		%	89
NOx class			6
Mechanical and hydraulic			
Heat input domestic hot water (DHW)		kW max gross (QnwHs)	32.1
Heat output domestic hot water		kW max	28
Maximum DHW flow rate (Delta T @ 35°C max)		l/min	11.5
Minimum DHW flow rate required		l/min	2
Minimum operating DHW pressure required		bar	0.15
Maximum DHW system pressure		bar	8
Safety discharge pressure		bar	3
Compartment ventilation required			✗
Flow/return pipe size		(mm)	22
Filling loop supplied			✓
Integral expansion vessel		Size (litres)	7
CH system inhibitor required			✓
Condensate discharge pipe size		(mm)	21.5
Electrical			
Electrical supply		Volts/Hz	230V/50Hz
Permanent live required			✓
Electrical cable required		core	3 x 0.75
Power consumption when firing		Watts	94
External fuse rating		Amps	3
Internal fuse rating - connection board		Amps	0.5
Internal fuse rating - Main PCB board		Amps	1.6
Boiler IP rating (electrical protection) without integral timer fitted		Approval Category	IPX5D
Circulating pump exercise feature			✓
Pump overrun			✓
Integral 'boiler only' frost thermostat			✓
Concentric flue system			
Standard telescopic concentric flue		Length in mm	315-500
Horizontal concentric (60/100mm)		Max equivalent length (m)	10
		Reduction Per 135° bend (m)	0.5
		Reduction Per 93° bend (m)	1
Horizontal concentric (80/125mm)		Max equivalent length (m)	20
Weights			
Installer lift weight (boiler)		Max (kg)	26
Gross packaged boiler weight		(kg)	30.5

What's inside the boiler?

Baxi 400 Combi LPG

Flue adaptor

Expansion vessel

Heat exchanger

Detection/Ignition electrode

Air-gas assembly

Overheat safety thermostat

Heating circuit water return sensor

Condensate trap

Pump

Silencer

Optional plug in timer

Boiler controls

Pressure gauge

Boiler electrical connection board

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

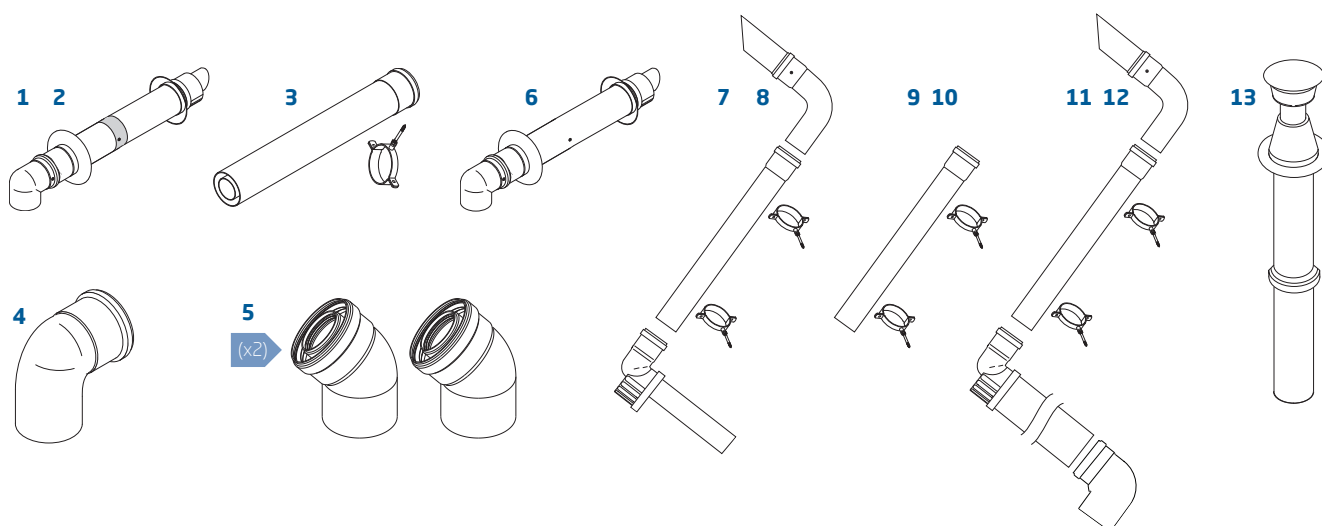|	Item description	Colour	Specification	Key and OD dimensions	Sales code
1	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/white terminal	315mm - 500mm	100mm	720599401
2	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 500mm	100mm	720598701
3	1m flue extension inc. fixing screws and bracket	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

	Item 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 kit extension and brackets	Black	1000mm	60mm	720643301
11	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
12	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit flue group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
13	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

A Efficiency Rating

XL A Efficiency Rating

3yr WARRANTY*

COMPACT SIZE

OPTIONAL STAND OFF FRAME

SIMPLE HANGING BRACKET

Key features

Outputs: 24kW and 28kW

Compact size

26kg lift weight

Simple hanging bracket

Modular fan gas air unit

Easily accessible electrical connections

Optional stand off frame

Industry leading choice of flue lengths, bends and accessories

Vertical packaging

Opentherm interface

Benefits

To suit most property sizes

Can be installed in a 290mm deep cupboard

Easier to manoeuvre

For easy installation

For easy maintenance

For easy installation

Neater installations for hidden pipework

For versatile siting and easy replacement

Easy to transport and unpack

Compatible with Baxi uSense Smart Wired Thermostat

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

Baxi 200 Combi

The Baxi 200 is a high efficiency boiler; simple to use and provides plenty of heating and hot water. The boiler is compact and small enough to fit in a kitchen cupboard and has the option to be operated using a smart phone or tablet. The reliable Baxi technology is backed by a three year parts and labour warranty* for peace of mind.

Accessories and controls

The following accessories are compatible with the Baxi 200 Combi

7649277
Baxi uSense smart thermostat

7683084
Baxi IFOS (In Flue Outdoor Sensor)

7658276
Baxi plug-in 24 hr single channel mechanical timer

7658523
Baxi plug-in 7 day single channel digital timer

7658781
Baxi plug-in receiver 24 hr single channel programmable mechanical room thermostat

7658789
Baxi plug-in receiver 7 day RF digital single channel programmable room thermostat
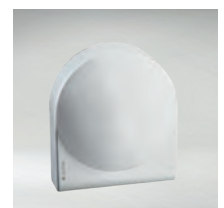

7212438
Baxi single channel wired programmable room thermostat

7212444
Baxi single channel wired timer

720971601
Baxi room thermostat

7703233
Multifit wired outdoor sensor - Combi

Technical specifications

Boiler dimensions

Width [A]	Height [B]	Depth [C]
395mm	700mm	279mm

Service clearances

Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	178mm*	200mm*	6mm in operation*, (* 450mm for servicing purposes)

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

What's in the box?

Baxi 200 Combi boiler

+

Wall mounted bracket
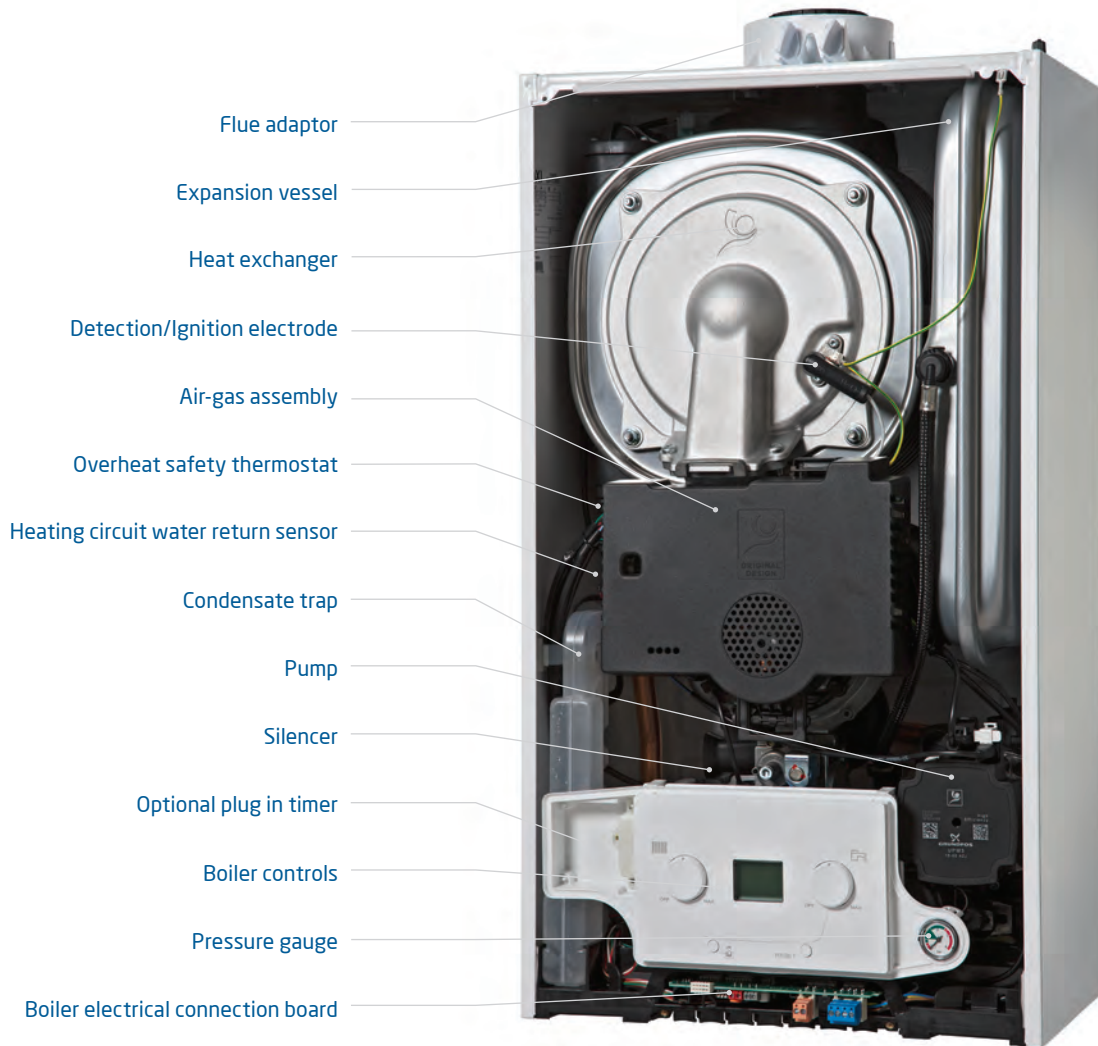
+

Literature and fitting pack

+

Copper pipe tails

Technical details

Baxi 200 Combi

		24 Combi	28 Combi
Sales code	Boiler only	7656160	7656161
Accessories and controls			
Concealed user controls		✗	✗
Operating mode selector switch with reset		✓	✓
User adjustable DHW temperature	Range - 35°C to 60°C	✓	✓
User adjustable CH temperature	Range - 25°C to 80°C	✓	✓
Temp/status/fault diagnosis display		LCD display	LCD display
Integral 24 hr electro-mechanical timer (247206)		Optional	Optional
Plug-in 24 hr mechanical timer combi (7658276)		Optional	Optional
Plug-in 7 day digital timer combi (7658523)		Optional	Optional
Plug-in receiver 24 hr RF programmable mechanical room thermostat-combi (7658781)		Optional	Optional
Plug-in receiver 7 day RF digital programmable mechanical room thermostat-combi (7658789)		Optional	Optional
Single channel 7 day wired programmable room thermostat-combi (7212438)		Optional	Optional
Single channel wired timer (7212444)		Optional	Optional
Room thermostat (720971601)		Optional	Optional
Baxi 200 and 400 stand off kit (7659335)		Optional	Optional
Multifit filling loop (248221)		Optional	Optional
Multifit Rigid Filling Link (7689034)		Optional	Optional
Baxi IFOS (7683084)		Optional	Optional
Baxi Easy-Fill (7665482)		Optional	Optional
ErP Product Information			
Seasonal Space Heating Energy Efficiency	%	93	93
NOx	mg/kWh	38	40
Sound power level, indoors	LWA dB	48	50
Space heating efficiency class		A	A
Water heating declared load profile		XL	XL
Water heating efficiency class		A	A
Heat input CH	kW (Max) Gross (QnHs)	22.87	27.42
	kW (Min) Gross (QnHs)	5.44	5.44
Heat output CH (non condensing) factory setting	kW (Max) (Pn)	20	20
	kW (Min) (Pn)	4.8	4.8
Heat output CH (condensing) factory setting	kW (Max) (Pnc)	21.8	21.8
	kW (Min) (Pnc)	5.2	5.2
Gas			
Gas supply pipe size	(mm)	22	22
Inlet supply pressure (natural gas)	mbar (nominal)	20	20
Maximum Gas Rate (nat Gas after 10 mins)	m³/hr	2.61	3.06
SAP 2009 annual efficiency (PCDB / SEDBUK)	%	89	89
NOx class		6	6
Mechanical and hydraulic			
Heat input domestic hot water (DHW)	kW max gross (QnwHs)	27.4	32.1
Heat output domestic hot water	kW max	24	28
Maximum DHW flow rate (Delta T @ 35°C max)	l/min	9.8	11.5
Minimum DHW flow rate required	l/min	2	2
Minimum operating DHW pressure required	bar	0.15	0.15
Maximum DHW system pressure	bar	8	8
Safety discharge pressure	bar	3	3
Compartment ventilation required		✗	✗
Flow/return pipe size	(mm)	22	22
Temporary filling loop supplied		✗	✗
Integral expansion vessel	Size (litres)	7	7
CH system inhibitor required		✓	✓
Condensate discharge pipe size	(mm)	21.5	21.5
Electrical			
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz
Permanent live required		✓	✓
Electrical cable required	core	3 x 0.75	3 x 0.75
Power consumption when firing	Watts	84	94
External fuse rating	Amps	3	3
Internal fuse rating - connection board	Amps	0.5	0.5
Internal fuse rating - Main PCB board	Amps	1.6	1.6
Boiler IP rating (electrical protection) without integral timer fitted	Approval Category	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
Horizontal concentric (60/100mm)	Max equivalent length (m)	10	10
	Reduction Per 135° bend (m)	0.5	0.5
	Reduction Per 93° bend (m)	1	1
Horizontal concentric (80/125mm)	Max equivalent length (m)	20	20
Weights			
Installer lift weight (boiler)	Max (kg)	26	26
Gross packaged boiler weight	(kg)	30	30

What's inside the boiler?

Baxi 200 Combi

Flue adaptor

Expansion vessel

Heat exchanger

Detection/Ignition electrode

Air-gas assembly

Overheat safety thermostat

Heating circuit water return sensor

Condensate trap

Pump

Silencer

Optional plug in timer

Boiler controls

Pressure gauge

Boiler electrical connection board

HOW WE MAKE IT EASY

An industry-leading choice of flues.

Flues

Horizontal concentric flues Ø 60/100mm

Multifit flue group A

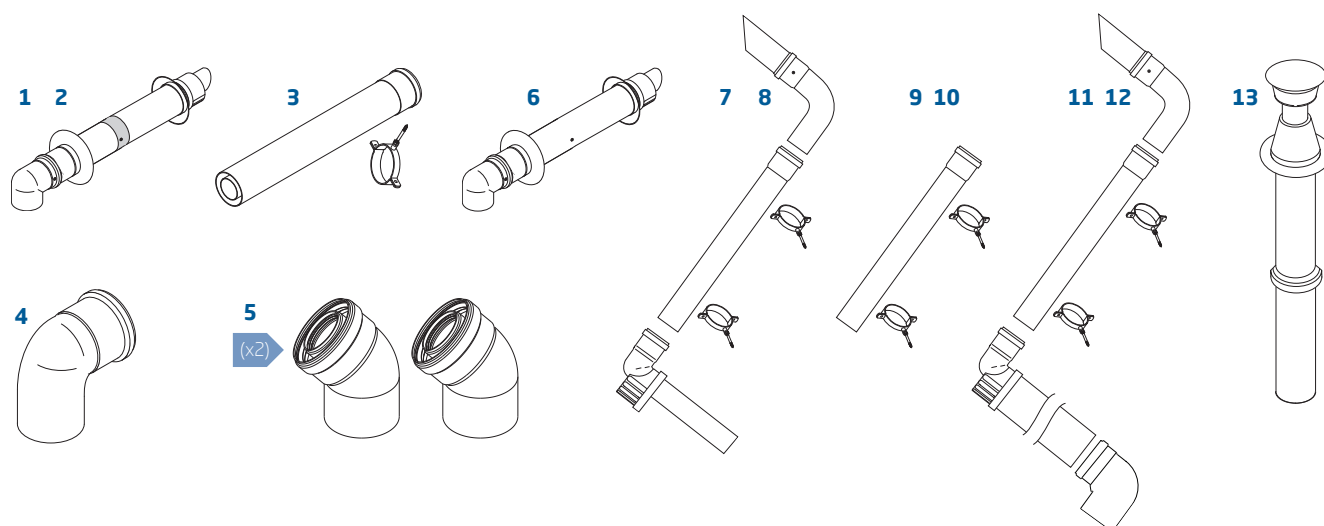|	Item description	Colour	Specification	Key and OD dimensions	Sales code
1	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/white terminal	315mm - 500mm	100mm	720599401
2	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm - 500mm	100mm	720598701
3	1m flue extension inc. fixing screws and bracket	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

	Item 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 kit extension and brackets	Black	1000mm	60mm	720643301
11	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
12	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit flue group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
13	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

A Efficiency Rating

7yr WARRANTY*

FULLY MODULATING OUTPUTS

PRE-PLUMBING JIG SUPPLIED

INTEGRAL AUTOMATIC BYPASS

Key features

Outputs: 15kW, 18kW, 24kW, 28kW and 32kW

Pre-plumbing jig

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

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

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
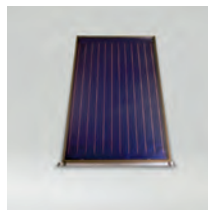
720670401
Baxi Solarflo

7212443
Baxi twin channel
wired programmer

Technical specifications

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 using 80/125 flueing system)	150mm*	5mm in operation*, (* 450mm for servicing 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
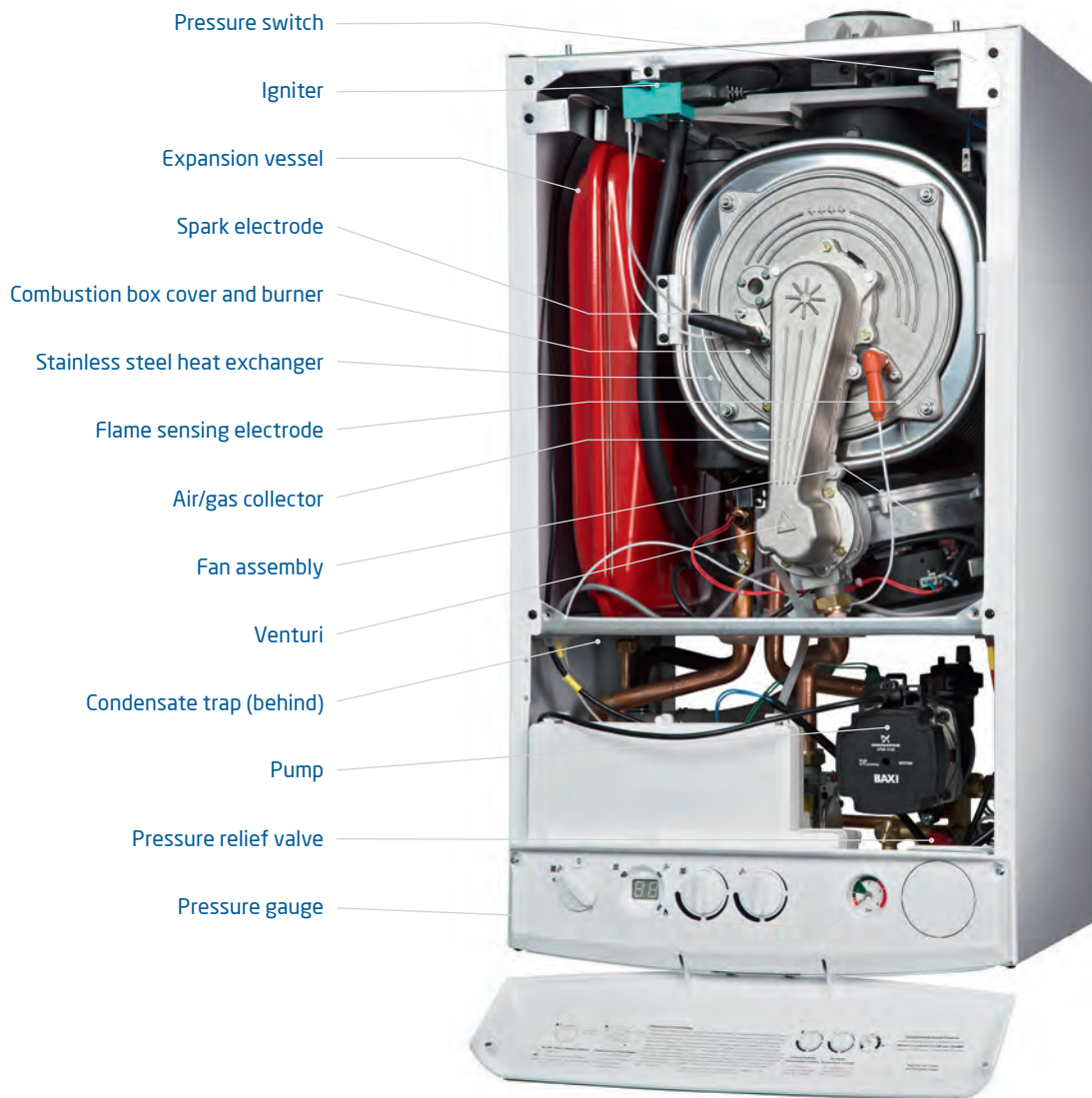
Copper pipe tails

Technical details

Baxi Megaflo System ErP

		15 System	18 System	24 System	28 System	32 System
Sales code	Boiler only	7219444	7219445	7219446	7219447	7219448
Controls						
Concealed user controls		✓	✓	✓	✓	✓
On/off switch with reset		✓	✓	✓	✓	✓
User adjustable CH temperature		✓	✓	✓	✓	✓
LED temp/status/fault diagnosis display		2 digits/3 LEDs on all models				
Gas						
Gas supply pipe size	mm	22	22	22	22	22
Natural gas		✓	✓	✓	✓	✓
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		6	6	6	6	6
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		A	A	A	A	A
Electrical						
Electrical supply	Volts/Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Permanent live required		✓	✓	✓	✓	✓
Fitted electrical cable		1m x 3 core x 0.75mm² on all 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 (without electro-mechanical timer fitted)		IPX 5D	IPX 5D	IPX 5D	IPX 5D	IPX 5D
24 hour pump exercise		✓	✓	✓	✓	✓
Pump overrun		✓	✓	✓	✓	✓
Integral 'boiler only' frost thermostat		✓	✓	✓	✓	✓
Mechanical and hydraulic						
Compartment ventilation requirement		None	None	None	None	None
Pre-plumbing/wall mounting jig		✓	✓	✓	✓	✓
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		✓	✓	✓	✓	✓
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 equiv length 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
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

Pressure switch

Igniter

Expansion vessel

Spark electrode

Combustion box cover and burner

Stainless steel heat exchanger

Flame sensing electrode

Air/gas collector

Fan assembly

Venturi

Condensate trap (behind)

Pump

Pressure relief valve

Pressure gauge

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

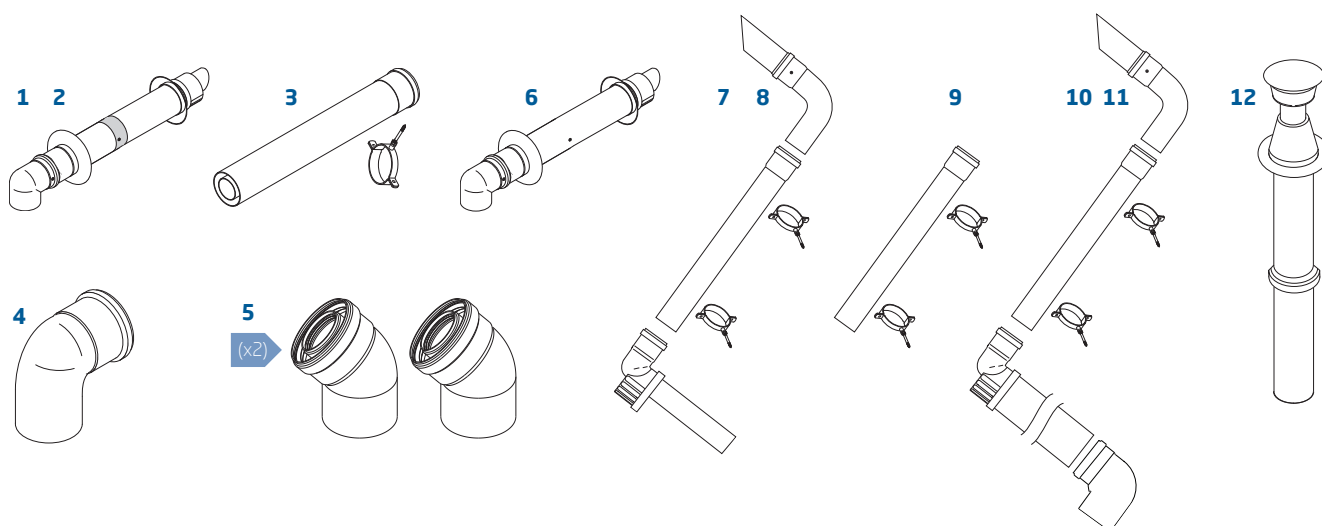|	Item description	Colour	Specification	Key and OD dimensions	Sales code
1	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/white terminal	315mm – 500mm	100mm	720599401
2	Horizontal telescopic flue inc. low profile elbow and fixing screws	White pipe/black terminal	315mm – 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
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

	Item 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

	Item 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

A Efficiency Rating	**5yr** WARRANTY*	**ONLY 19.5kg**	**CUPBOARD FIT**	**REAR FLUE OPTION**	**NO PUMP OVERRUN**	**FRONT AND SIDE ACCESS**

Key features

Outputs: 12kW, 15kW, 18kW, 24kW and 30kW

Only 19.5kg installer lift weight

Cupboard fit

Easy fit wall mounting bracket

One metre lead included

Top or rear flue option

Simple fixing of rear flue

No pump overrun or permanent live required

Front and side access

Wide choice of flue lengths, bends and accessories

Benefits

To suit most property sizes

The lightest boiler available in UK**

Can be installed discreetly

Robust with a positive fix and audible lock so you know it's secure

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

For ease of installation

For easy and fail-safe flue fixing

Saves time and money during installation, and less disruption for the householder

Servicing is easier and quicker, and no special tools are required

For versatile siting

* Subject to registration and an annual service. Terms and conditions apply. Visit baxi.co.uk/warranty ** As at October 2018.

Baxi 400 Heat

The Baxi 400 Heat is, at only 19.5kg, the lightest boiler available on the UK market.** It has a rear and central flue option and does not need a pump overrun or permanent live, making it suitable as a replacement for old boilers.

Small enough to fit into a cupboard, the Baxi 400 Heat has a contemporary style that will also fit with any modern interior.

Accessories

The following accessories are compatible with the Baxi 400 Heat

7212443
Baxi twin channel wired programmer

720971601
Baxi room thermostat

Technical specifications

Boiler dimensions

Width [A]	Height [B]	Depth [C]
370mm	625mm	270mm

Service clearances

Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	190mm*	120mm*	5mm*
	(* 35mm if using rear flue)	(* 35mm in 300mm deep wall cupboard)	(* in operation, 500mm for servicing)

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

What's in the box?

Baxi 400 Heat boiler

Wall bracket

Literature pack

Power lead

Top flue adaptor

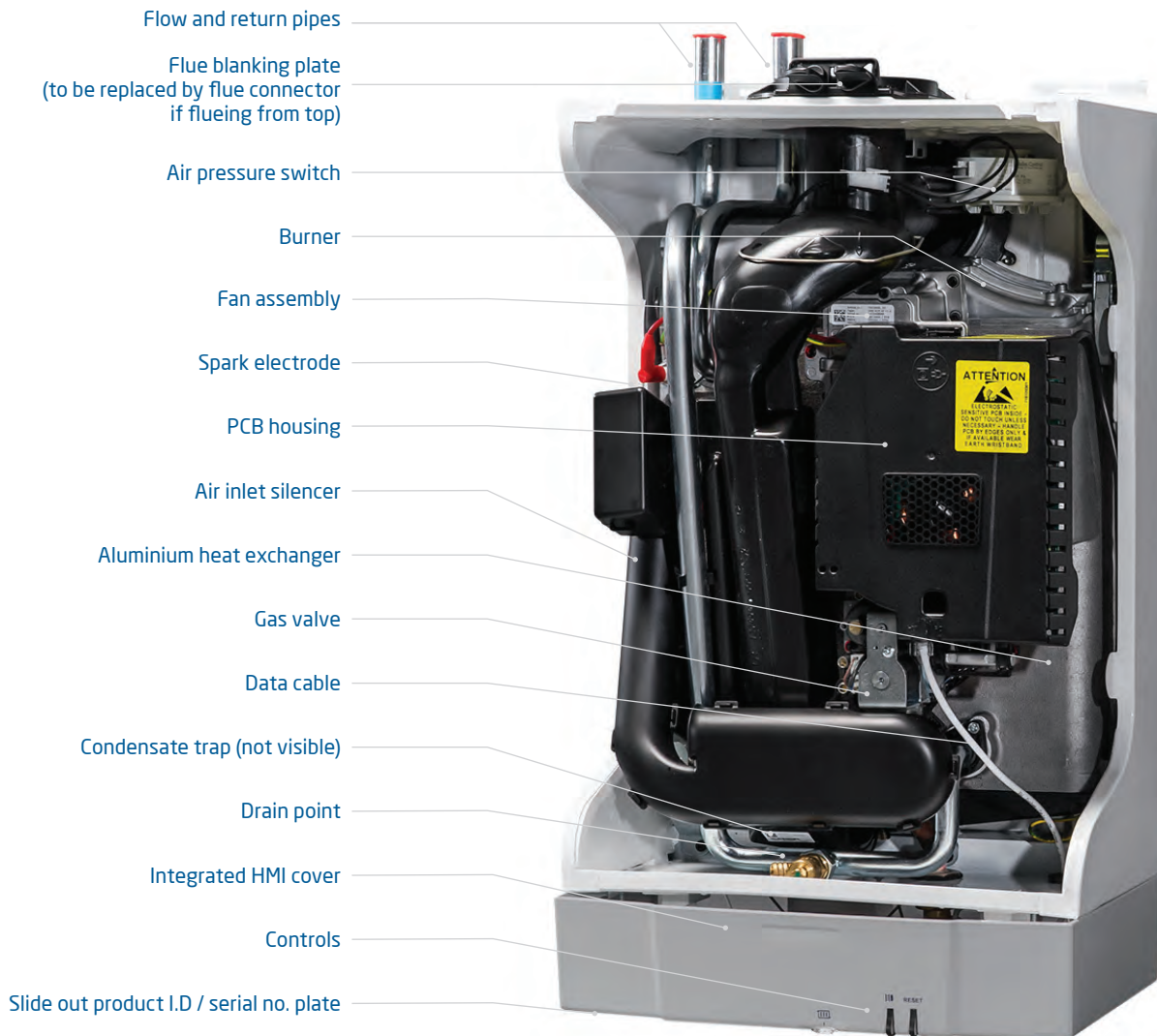Copper tail (gas connection) and fibre washer

Technical details

Baxi 400 Heat ErP

Baxi 400 Heat ErP	Boiler only	412 Heat	415 Heat	418 Heat	424 Heat	430 Heat
Sales code	Boiler only	7668931	7668933	7668934	7668935	7668936
Controls and accessories						
Operating mode selector switch with reset	Yes / no	✓	✓	✓	✓	✓
User adjustable CH temperature	Range - e.g. 45°C to 82°C	✓	✓	✓	✓	✓
LED temp/status/fault diagnosis display	Yes / no	✓	✓	✓	✓	✓
Baxi twin channel wired programmer	7212443	Optional	Optional	Optional	Optional	Optional
Baxi room thermostat	720971601	Optional	Optional	Optional	Optional	Optional
Gas						
Boiler Plus ErP	%	93.0	93.0	93.0	93.0	93.0
SAP 2009 annual efficiency (PCDB/SEDBUK)	%	89.2	89.2	89.2	89.1	89.1
NOx class	1 - 5	6	6	6	6	6
ErP Product Information						
NOx	mg/kWh	18	20	21	23	24
Sound power level, indoors	LWA dB	32	33	34	35	37
Space heating efficiency class		A	A	A	A	A
Heat input CH	kW max gross (QnHs)	14.88	18.32	21.75	28.62	34.35
	kW min gross (QnHs)	8.59	8.59	8.59	8.59	8.59
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
Gas supply pipe size	(mm)	22	22	22	22	22
Inlet supply pressure (natural gas)	mbar	20	20	20	20	20
Maximum gas rate	m³/hr	1.42	1.75	2.07	2.73	3.27
Mechanical and hydraulic						
Compartment ventilation required		✗	✗	✗	✗	✗
Flow / return pipe size	(mm)	22	22	22	22	22
Condensate discharge pipe size	(mm)	21.50	21.50	21.50	21.50	21.50
Electrical						
Electrical supply	Volts / Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz
Permanent live required	Yes / no	✗	✗	✗	✗	✗
Switched live	Yes / no	✓	✓	✓	✓	✓
Electrical power cable fitted as standard	1m of 3 core	✓	✓	✓	✓	✓
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
Boiler IP rating (electrical protection)	Approval category	IPX4D	IPX4D	IPX4D	IPX4D	IPX4D
Pump overrun	Yes / no	✗	✗	✗	✗	✗
Concentric flue system						
Standard telescopic concentric flue	Length in mm	315-500	315-500	315-500	315-500	315-500
Standard in-case rear telescopic concentric flue	Length in mm	220 - 345	220 - 345	220 - 345	220 - 345	220 - 345
Horizontal concentric (60/100 mm)	Max equivalent length (m)	6	6	6	6	6
	Reduction per 135° bend (m)	0.5	0.5	0.5	0.5	0.5
	Reduction per 93° bend (m)	1	1	1	1	1
Horizontal concentric (80/125 mm)	Max equivalent length (m)	12	12	12	12	12
Weight						
Installer lift weight	Max (kg)	19.5	19.5	19.5	19.5	19.5
Gross packaged boiler weight	(kg)	21.5	21.5	21.5	21.5	21.5

What's inside the boiler?

Baxi 400 Heat

Flow and return pipes

Flue blanking plate
(to be replaced by flue connector
if flueing from top)

Air pressure switch

Burner

Fan assembly

Spark electrode

PCB housing

Air inlet silencer

Aluminium heat exchanger

Gas valve

Data cable

Condensate trap (not visible)

Drain point

Integrated HMI cover

Controls

Slide out product I.D / serial no. plate

HOW WE MAKE IT EASY

Servicing is easier and quicker, and no special tools are required

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 and bracket	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
7	Horizontal telescopic in case rear flue inc. fixing screws	White pipe/black terminal		100mm	7210434

Plume displacement kits Ø 60/100mm

Multifit Flue Group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
8	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	White		60mm	720627001
9	Plume displacement terminal kit for telescopic flue inc 1m extension and brackets	Black		60mm	720622901
10	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
11	Plume displacement terminal kit inc. 1m extension and brackets	White		100mm	7225717
12	Plume displacement terminal kit inc. 1m extension and brackets	Black		100mm	7225716

Vertical concentric flues Ø 60/100mm

Multifit Flue Group A

	Item description	Colour	Specification	Key and OD dimensions	Sales code
13	Vertical flue terminal	Black		100mm	5118576
3	1m flue extension inc. fixing screws and bracket	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

A Efficiency Rating

3yr WARRANTY*

ONLY 19.5kg

CUPBOARD FIT

TOP CENTRAL FLUE

NO PUMP OVERRUN

FRONT AND SIDE ACCESS

Key features

Outputs: 12kW, 15kW, 18kW, 24kW and 30kW
Only 19.5kg installer lift weight
Cupboard fit
Easy fit wall mounting bracket
One metre lead included
Top central flue
No pump overrun or permanent live required
Front and side access
Wide choice of flue lengths, bends and accessories

Benefits

To suit most property sizes
The lightest boiler available in UK**
Can be installed discreetly
Robust with a positive fix and audible lock so you know it's secure
Easy to install and you don't need access to the control box
Easy replacement for existing boilers
Saves time and money during installation, and less disruption for the householder
Servicing is easier and quicker, and no special tools are required
For versatile siting

* Subject to registration and an annual service. Terms and conditions apply. Visit baxi.co.uk/warranty ** As at October 2018.

ErP Compliant ✓

Baxi 200 Heat

The Baxi 200 Heat is, at only 19.5kg, the lightest boiler available on the UK market.** It has a central flue and does not need a pump overrun or permanent live, making it suitable as a replacement for old boilers.

Small enough to fit into a cupboard, the Baxi 200 Heat has a contemporary style that will also fit with any modern interior.

Accessories and control

The following accessories are compatible with the Baxi 200 Heat.

7212443
Baxi twin channel
wired programmer

720971601
Baxi room
thermostat

Technical specifications

Boiler dimensions

Width [A]	Height [B]	Depth [C]
370mm	625mm	270mm

Service clearances

Side [D]	Upper [E]	Lower [F]	Front [G]
5mm*	190mm*	120mm*	5mm*
		(* 35mm in 300mm deep wall cupboard)	(* in operation, 500mm for servicing)

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

What's in the box?

Baxi 200 Heat boiler	+ Wall bracket	+ Literature pack	+ Power lead	+ Copper tail (gas connection) and fibre washer

Technical details

Baxi 200 Heat ErP

Baxi 200 Heat ErP		212 Heat	215 Heat	218 Heat	224 Heat	230 Heat
Sales code	Boiler only	7668926	7668927	7668928	7668929	7668930
Controls and accessories						
Operating mode selector switch with reset	Yes / no	✓	✓	✓	✓	✓
User adjustable CH temperature	Range - e.g. 45°C to 82°C	✓	✓	✓	✓	✓
LED temp/status/fault diagnosis display	Yes / no	✓	✓	✓	✓	✓
Baxi twin channel wired programmer	7212443	Optional	Optional	Optional	Optional	Optional
Baxi room thermostat	720971601	Optional	Optional	Optional	Optional	Optional
Gas						
Boiler Plus ErP	%	93.0	93.0	93.0	93.0	93.0
SAP 2009 annual efficiency (PCDB/SEDBUK)	%	89.2	89.2	89.2	89.1	89.1
NOx class	1 - 5	6	6	6	6	6
ErP Product Information						
NOx	mg/kWh	18	20	21	23	24
Sound power level, indoors	LWA dB	32	33	34	35	37
Space heating efficiency class		A	A	A	A	A
Heat input CH	kW max gross (QnHs)	14.88	18.32	21.75	24.04	28.62
	kW min gross (QnHs)	8.59	8.59	8.59	8.59	8.59
Heat output CH (non condensing)	kW max (Pn)	13	16	19	21	25
	kW min (Pn)	7.5	7.5	7.5	7.5	7.5
Gas supply pipe size	(mm)	22	22	22	22	22
Inlet supply pressure (natural gas)	mbar	20	20	20	20	20
Maximum gas rate	m³/hr	1.42	1.75	2.07	2.29	2.73
Mechanical and hydraulic						
Compartment ventilation required	Yes / no	✗	✗	✗	✗	✗
Flow / return pipe size	(mm)	22	22	22	22	22
Condensate discharge pipe size	(mm)	21.50	21.50	21.50	21.50	21.50
Electrical						
Electrical supply	Volts / Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz
Permanent live required	Yes / no	✗	✗	✗	✗	✗
Switched live	Yes / no	✓	✓	✓	✓	✓
Electrical power cable fitted as standard	1m of 3 core	✓	✓	✓	✓	✓
Power consumption	Watts	17	20	23	25	33
External fuse rating	Amps	3	3	3	3	3
Internal fuse rating		1.6T	1.6T	1.6T	1.6T	1.6T
Boiler IP rating (electrical protection)	Approval category	IPX4D	IPX4D	IPX4D	IPX4D	IPX4D
Pump overrun	Yes / no	✗	✗	✗	✗	✗
Concentric flue system						
Standard telescopic concentric flue	Length in mm	315-500	315-500	315-500	315-500	315-500
Horizontal concentric (60/100 mm)	Max equivalent length (m)	6	6	6	6	6
	Reduction per 135° bend (m)	0.5	0.5	0.5	0.5	0.5
	Reduction per 93° bend (m)	1	1	1	1	1
Horizontal concentric (80/125 mm)	Max equivalent length (m)	12	12	12	12	12
Weight						
Installer lift weight	Max (kg)	19.5	19.5	19.5	19.5	19.5
Gross packaged boiler weight	(kg)	21.5	21.5	21.5	21.5	21.5

What's inside the boiler?

Baxi 200 Heat

Flow and return pipes

Flue connection

Air pressure switch

Burner

Fan assembly

Spark electrode

PCB housing

Air inlet silencer

Aluminium heat exchanger

Gas valve

Data cable

Condensate trap (not visible)

Drain point

Integrated HMI cover

Controls

Slide out product I.D / serial no. plate

ATTENTION
ELECTROSTATIC SENSITIVE PCB INSIDE - DO NOT TOUCH UNLESS NECESSARY - HANDLE PCB BY EDGES ONLY & IF AVAILABLE WEAR EARTH WRISTBAND

HOW WE MAKE IT EASY

No pump overrun or permanent live required

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 and bracket	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

	Item 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

	Item description	Colour	Specification	Key and OD dimensions	Sales code
12	Vertical flue terminal	Black		100mm	5118576
3	1m flue extension inc. fixing screws and bracket	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
Maximum permissible equivalent flue lengths for Baxi combi, system boilers are:	Horizontal concentric	10m	20m
	Vertical concentric	10m	20m
Maximum permissible equivalent flue lengths for Baxi heat only boilers are:	Horizontal concentric	6m	12m
	Vertical concentric	6m	12m
Where inline bends are required in a flue system, the overall length must be reduced by the following amounts:	Concentric pipes	135° bend	0.5m
		93° bend	1m

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
3	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
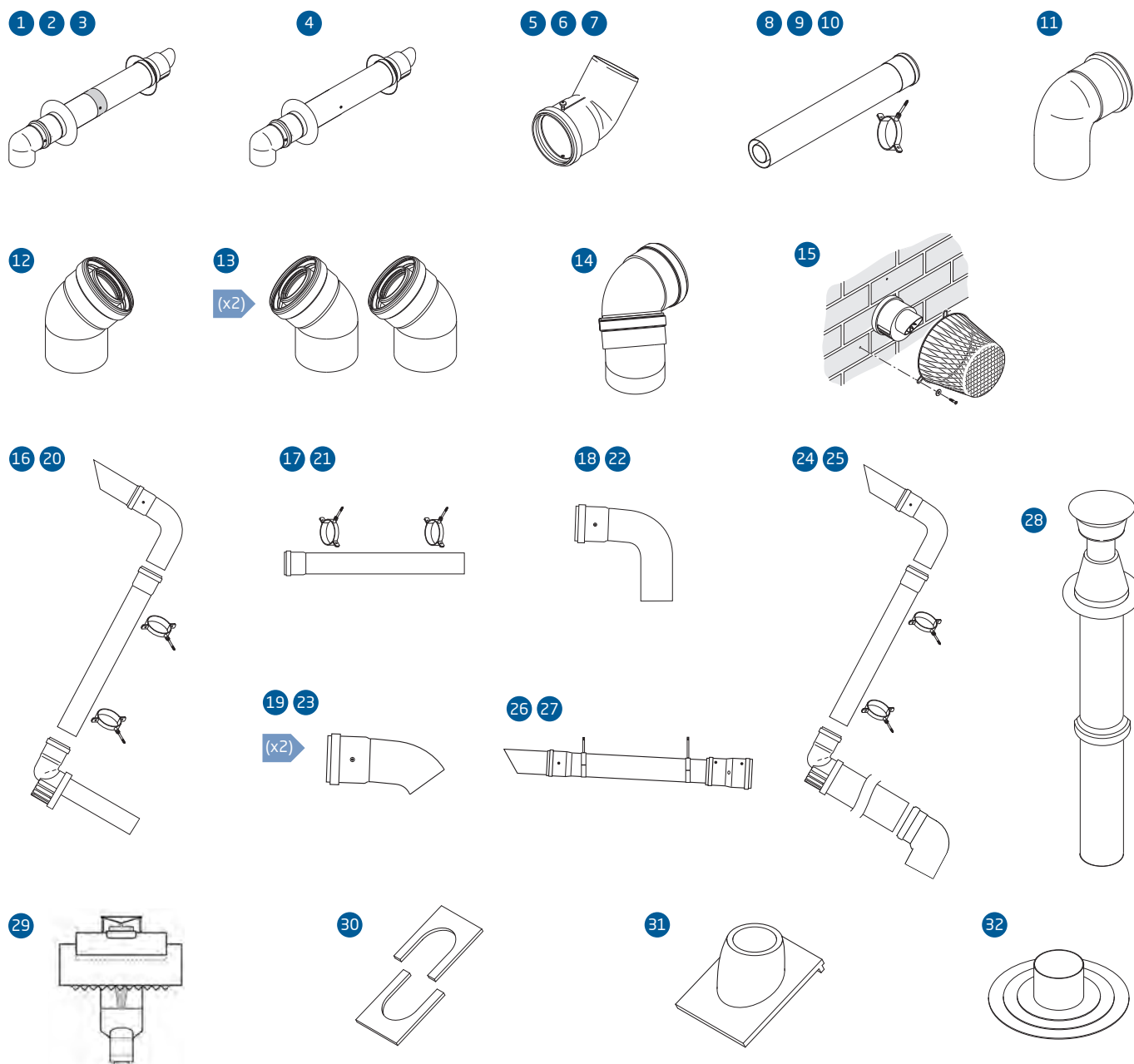
Multifit Flue Group A

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

* Not compatible with items 16 and 20

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

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

Item	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
32	Flat roof flashing			125mm	246144
36	Pipe support brackets	White	125mm flue pipes	125mm	5118610

(x2)

Likely flue positions requiring a flue terminal guard
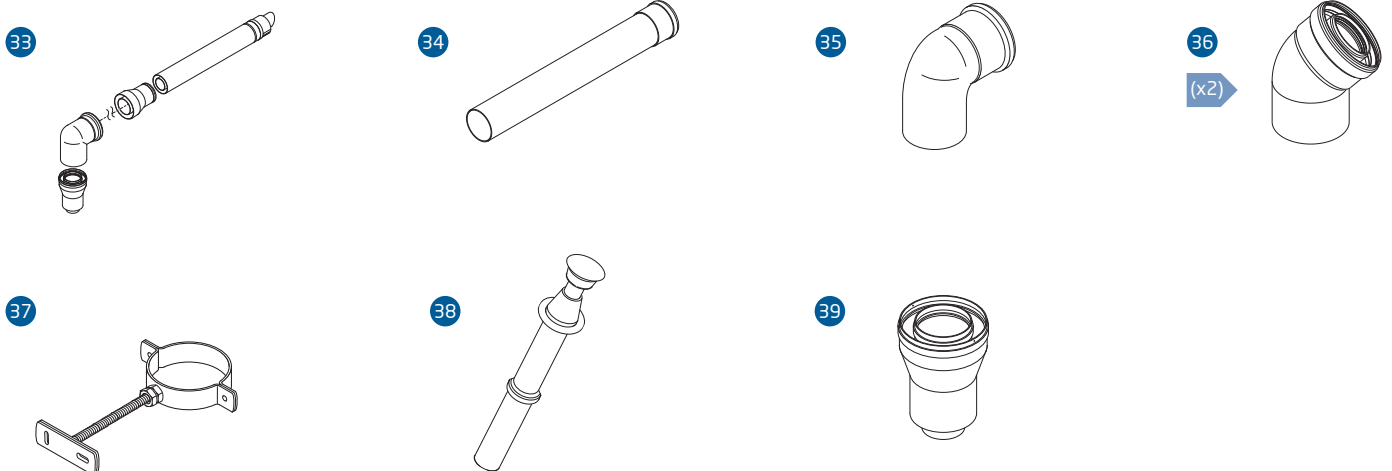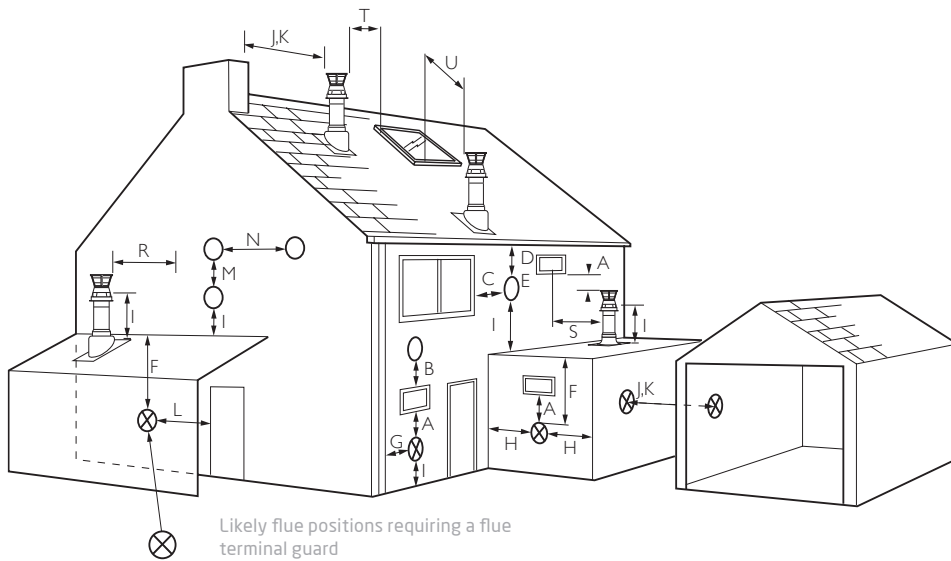
Terminal position with minimum distance

		(mm)
A[1]	Directly below an opening, air brick, opening windows etc	300
B[1]	Above an opening, air brick, opening window etc	300
C[1]	Horizontally to an opening, air brick, opening window etc	300
D[2]	Below gutters, soil pipes or drain pipes	25
E[2]	Below eaves	25
F[2]	Below balconies or car port roof	25
G[2]	From a vertical drain pipe or soil pipe	25
H[2]	From an internal or external corner	25
I	Above ground, roof or balcony level	300
J	From a surface or boundary line facing a terminal	600
K	From a terminal facing a terminal (Horizontal flue)	1200
K	From a terminal facing a terminal (Vertical flue)	600
L	From an opening in a carport (e.g. door, window) into the dwelling	1200
M	Vertically from a terminal on the same wall	1500
N	Horizontally from a terminal on the same wall	300
R	From adjacent wall to flue (vertical only)	300
S	From an adjacent opening window (vertical only)	300
T	Adjacent to windows or openings on pitched and flat roofs	600
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.

Terminal assembly

300mm min*

Top view rear flue

Property boundary line
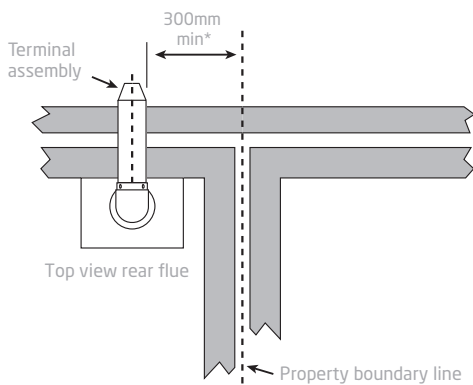
NOTE: The distance from a fanned draught appliance terminal installed parallel to a boundary may not be less than 300mm in accordance with the diagram.

Plume displacement kit

Air inlet

Opening window or door

150mm min.
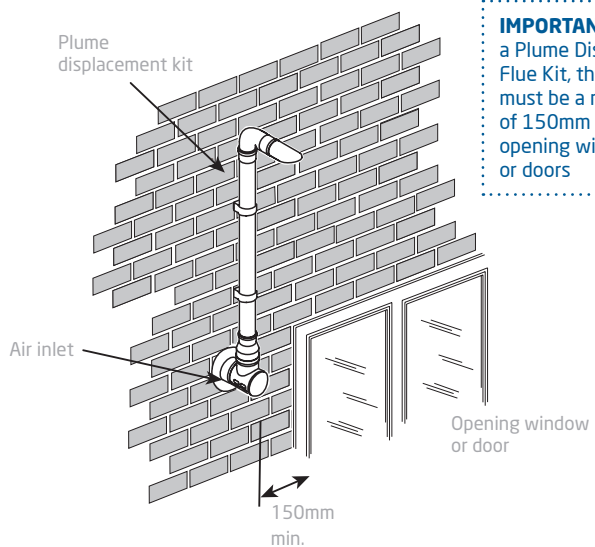
IMPORTANT: If fitting a Plume Displacement Flue Kit, the air inlet must be a minimum of 150mm from any opening windows or doors
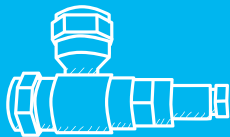
How we can help

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**

Baxi Genuine Parts

- Approved parts for Baxi products

- Guaranteed quality, safety and reliability

- Nationwide network of approved stockists

- Lifetime support for Baxi products

- Range of heating essentials available

Call our knowledgeable and helpful team on **0344 871 1540** or visit **baxi.co.uk/baxi-genuine-parts.htm** to identify parts and find your nearest stockist
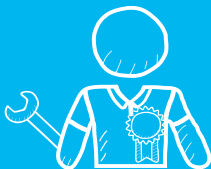
Training

- Practical, hands on training

- Free of charge product training

- A range of specialist courses

- Expert trainers, all accredited, former heating engineers

- Training centres across the UK

Visit **baxi.co.uk/training** or call **0344 335 4207**
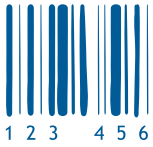
Baxi Works

Sign up to **Baxi Works**, Baxi's online loyalty scheme for installers. Benefits include:

- Same or next day engineer call out from Baxi Customer Support*
- 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

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.

All our literature can be downloaded from our website **baxi.co.uk**

* Full Baxi Works terms and conditions apply.

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0344 871 1525

Opening hours
Monday - Friday, 8.00am - 6.00pm
Weekends and bank holidays, 8.30am - 2.00pm
We are open 365 days a year.

Please note calls may be monitored or recorded.

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