

BAXI
Make it easy



ErP Compliant 

Baxi 200 and 400 combi and heat only boilers

Range guide

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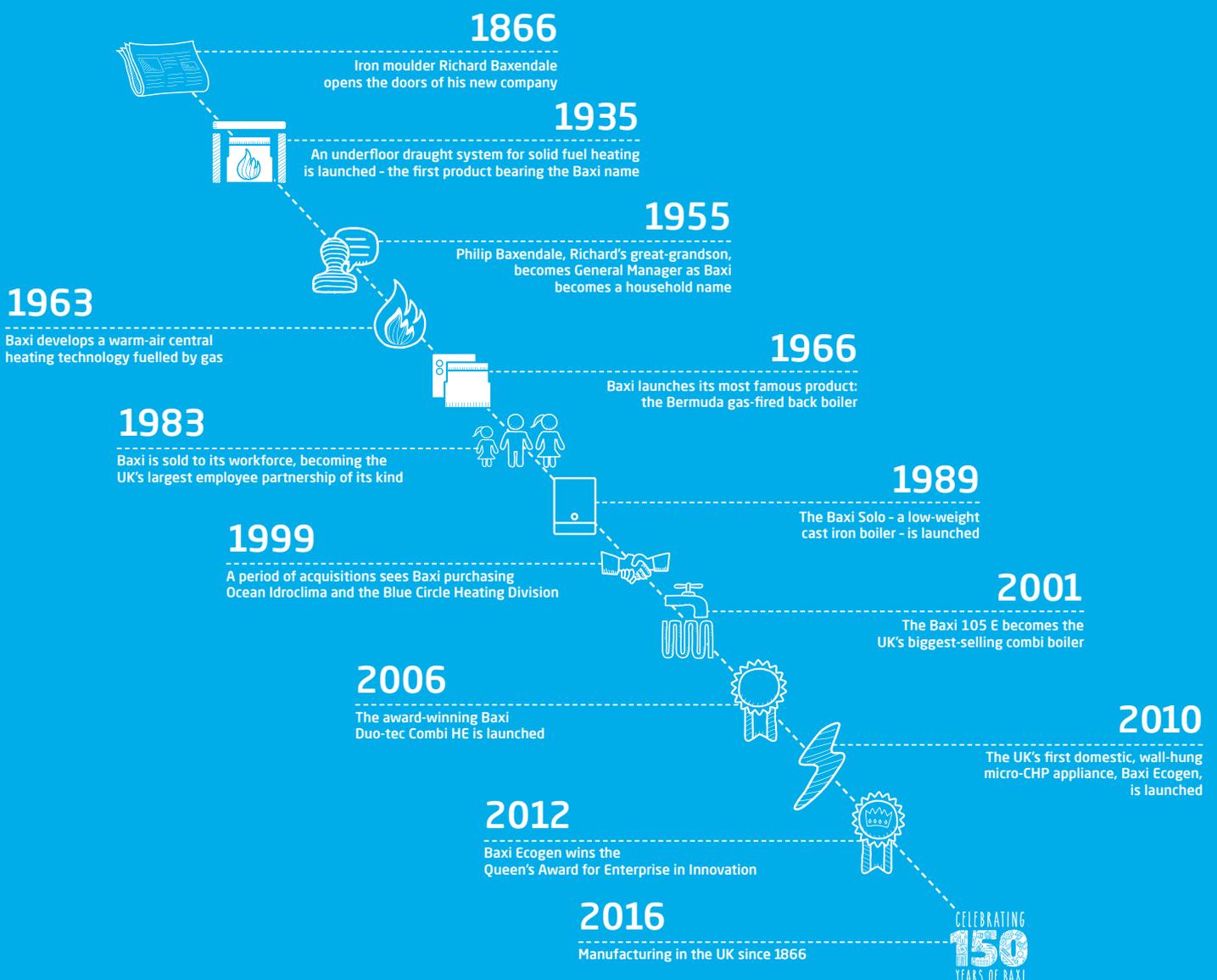
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A brand you can trust

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



†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.

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 wall mounted bracket, complete with preformed copper pipe tails and a rigid filling loop* to save you time and money during installation.

*Baxi 400 Combi only



3yr
WARRANTY*

**COMPACT
SIZE**

**OPTIONAL
STAND
OFF
FRAME**

**SIMPLE
HANGING
BRACKET**

Key features

Outputs: 24 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

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

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



I really like the way this boiler is put together. Everything lined up really well and I had it on the wall in no time. It is light and easy to handle, and provided plenty of hot water very quickly.

Andrew Lynch
A Lynch Plumbing and Heating Ltd, Chorley

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



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

Technical specifications

HOW WE MAKE IT EASY

Easy to manoeuvre at only 26kg.



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.



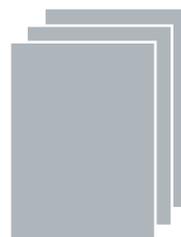
What's in the box?



Baxi 200 Combi boiler



Wall mounted bracket



Literature and fitting pack



Copper pipe tails

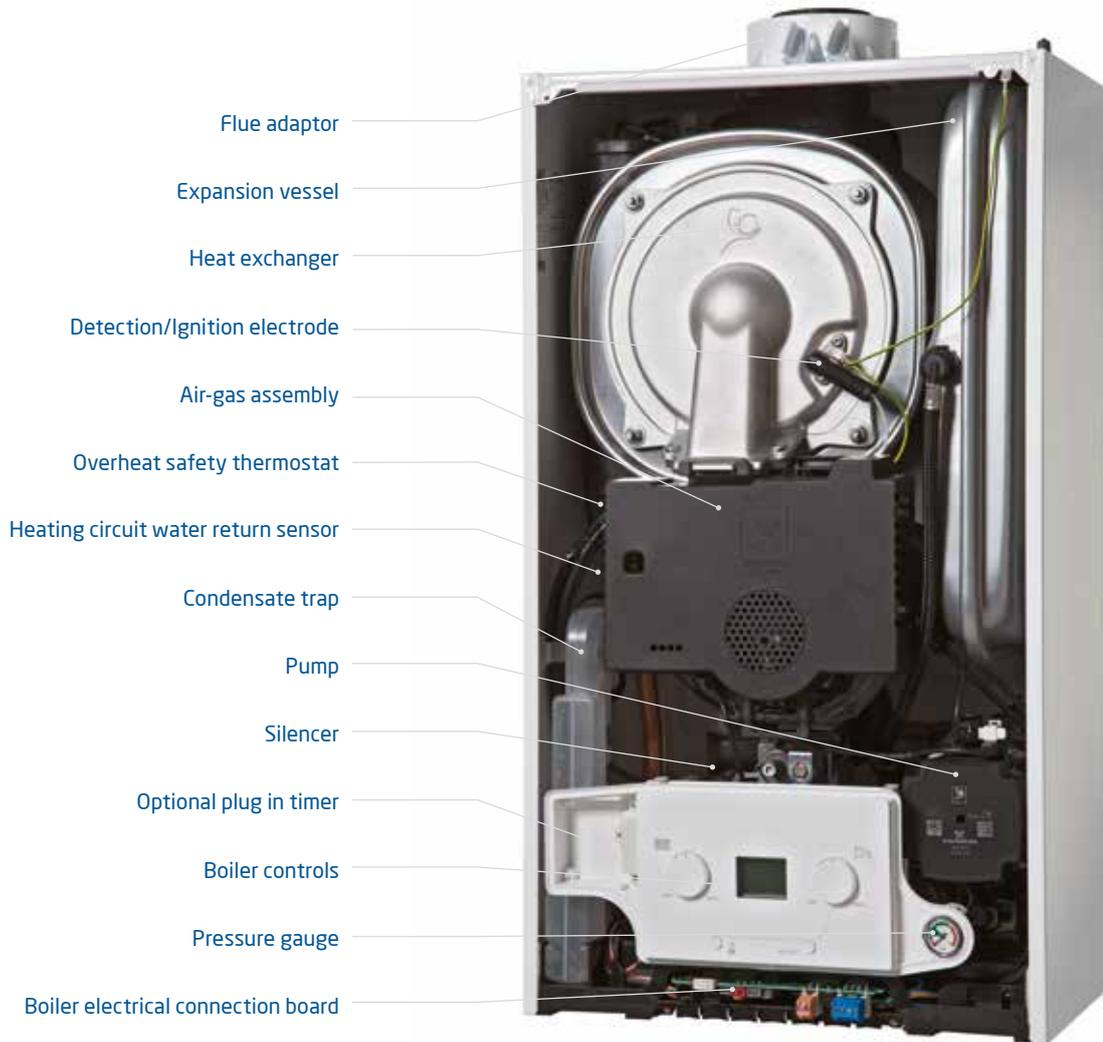
Technical details

Baxi 200 Combi

		24 Combi	28 Combi
Sales code	Boiler only	7656160	7656161
Accessories and controls			
Concealed user controls		X	X
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
SAP 2009 annual efficiency (PCDB / SEDBUK)	%	89	89
NOx class		5	5
ErP Product Information			
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
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		X	X
Flow/return pipe size	(mm)	22	22
Temporary filling loop supplied		X	X
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



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

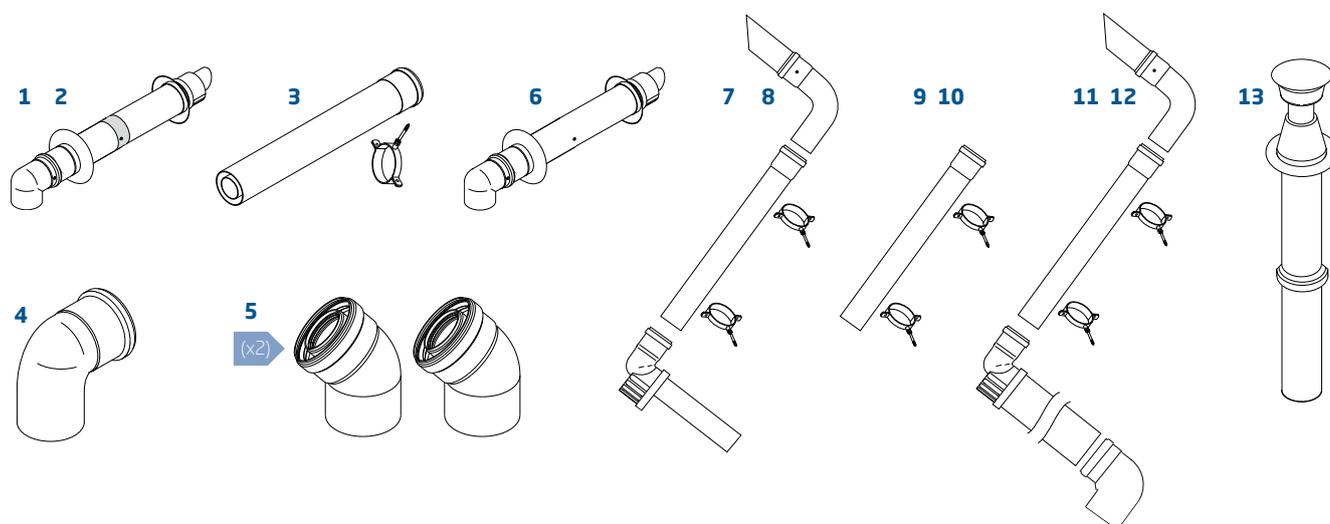
Multifit flue group A

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





Key features

Outputs: 24 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

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

*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



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

Technical specifications

HOW WE MAKE IT EASY

Wall mounted bracket for quick and simple installation.



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)

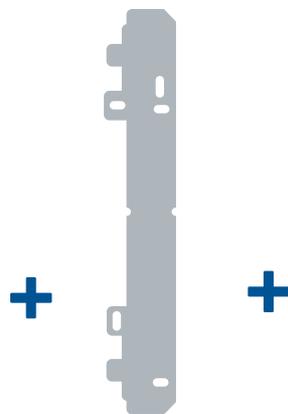
*These are the minimum recommended dimensions. Greater clearance will aid installation and maintenance.



What's in the box?



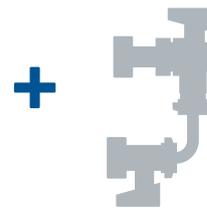
Baxi 400 Combi boiler



Wall mounted bracket



Literature and fitting pack



Filling loop



Copper pipe tails

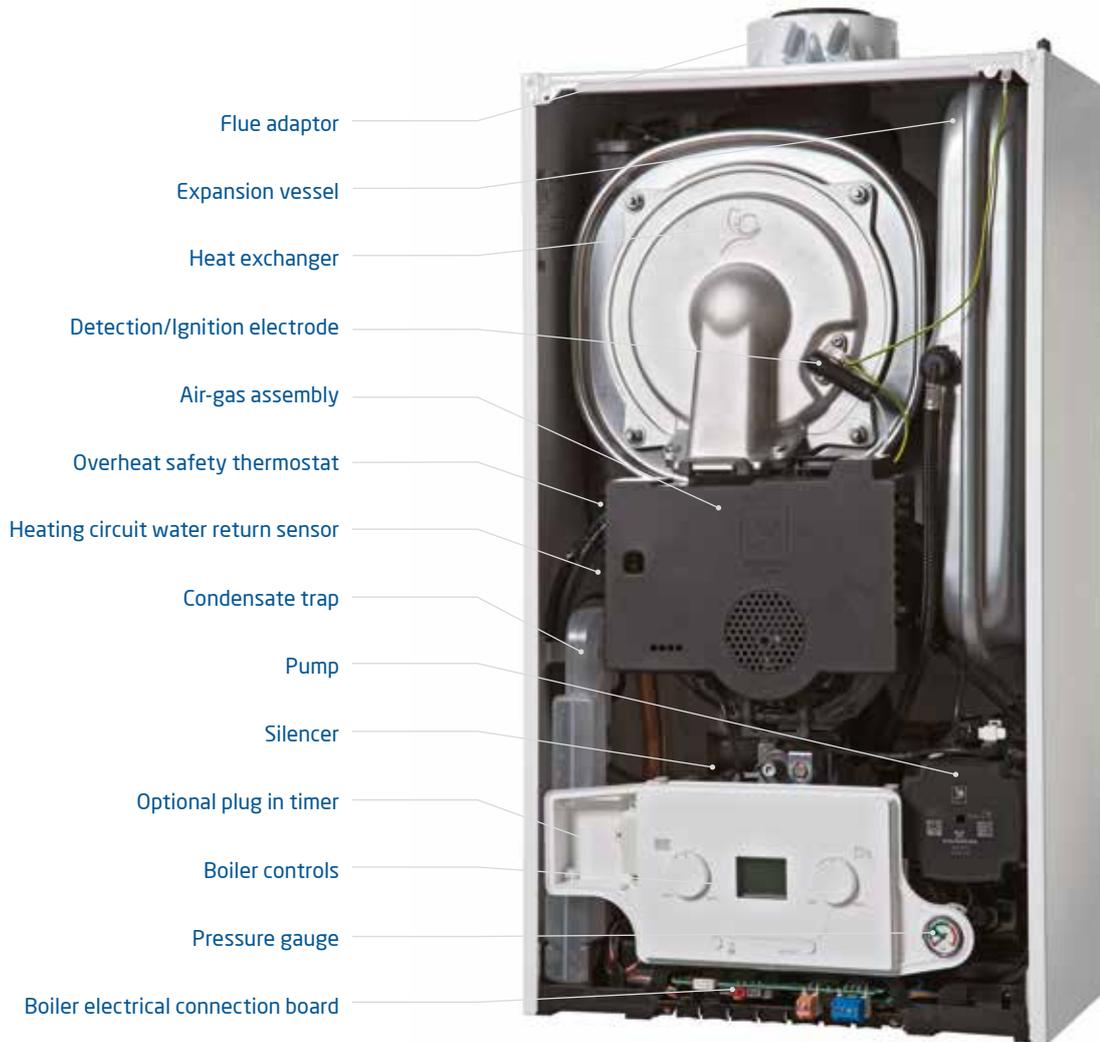
Technical details

Baxi 400 Combi

		24 Combi	28 Combi
Sales code	Boiler only	7656162	7656163
Accessories and controls			
Concealed user controls		X	X
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
SAP 2009 annual efficiency (PCDB / SEDBUK)	%	89	89
NOx class		5	5
ErP Product Information			
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)	m ³ /hr	2.61	3.06
Mechanical and hydraulic			
Heat input domestic hot water (DHW)	kW max gross (QnHs)	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		X	X
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



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

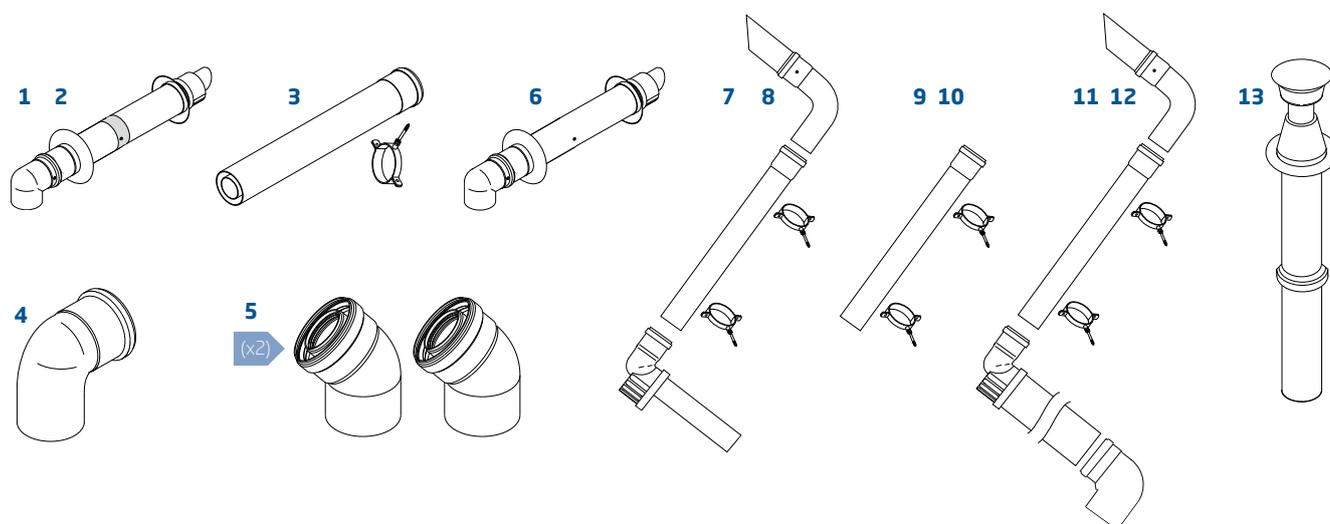
Multifit flue group A

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





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 June 2014.



I found the 200 Heat really easy to install and was surprisingly shocked how light weight it was. From an installation point of view, I would say it's a great product and I will continue to recommend it.

Daniel Stimp

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 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

HOW WE MAKE IT EASY

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



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.



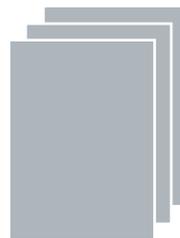
What's in the box?



Baxi 200 Heat boiler



Wall bracket



Literature pack



Power lead



Copper tail (gas connection) and fibre washer

Technical details

Baxi 200 Heat ErP		212 Heat	215 Heat	218 Heat	224 Heat	230 Heat
Sales code	Boiler only	7668926	7668927	7668928	7668929	7668930
Controls						
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	✓	✓	✓	✓	✓
Gas						
SAP 2009 annual efficiency (PCDB/SEDBUK)	%	89.2	89.2	89.2	89.1	89.1
NOx class	1 - 5	5	5	5	5	5
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				
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



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

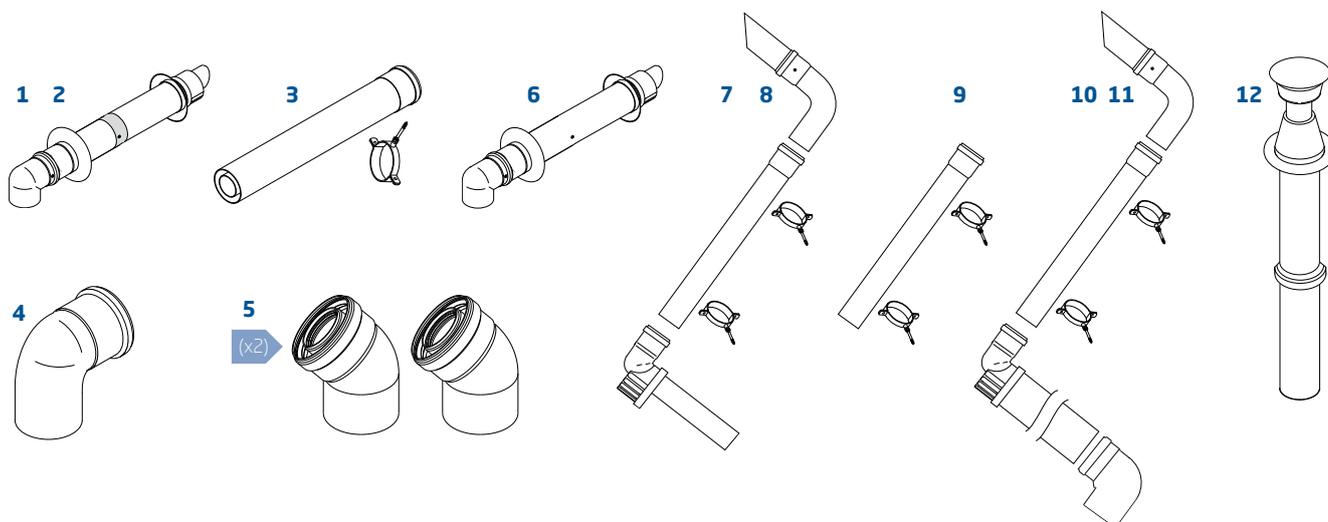
Multifit Flue Group A

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





Key features

Outputs: 12kW, 15kW, 18kW, 24kW, 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 June 2014.



Baxi 400 Heat



The rear flue option on the Baxi 400 Heat made it the perfect choice when I had to replace an old balanced flue boiler. So light, an easy lift weight, compact and easy to use for both installer and customer. The homeowner was very pleased.

George Drake
Installer

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 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

HOW WE MAKE IT EASY

The lightest boiler available in the UK



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

412 Heat 415 Heat 418 Heat 424 Heat 430 Heat

Sales code	Boiler only	7668931	7668933	7668934	7668935	7668936
Controls						
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	✓	✓	✓	✓	✓
Gas						
SAP 2009 annual efficiency (PCDB/SEDBUK)	%	89.2	89.2	89.2	89.1	89.1
NOx class	1 - 5	5	5	5	5	5
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	m ³ /hr	1.42	1.75	2.07	2.73	3.27
Mechanical and hydraulic						
Compartment ventilation required		X	X	X	X	X
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				
Permanent live required	Yes / no	X	X	X	X	X
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	X	X	X	X	X
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



HOW WE MAKE IT EASY

Service 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

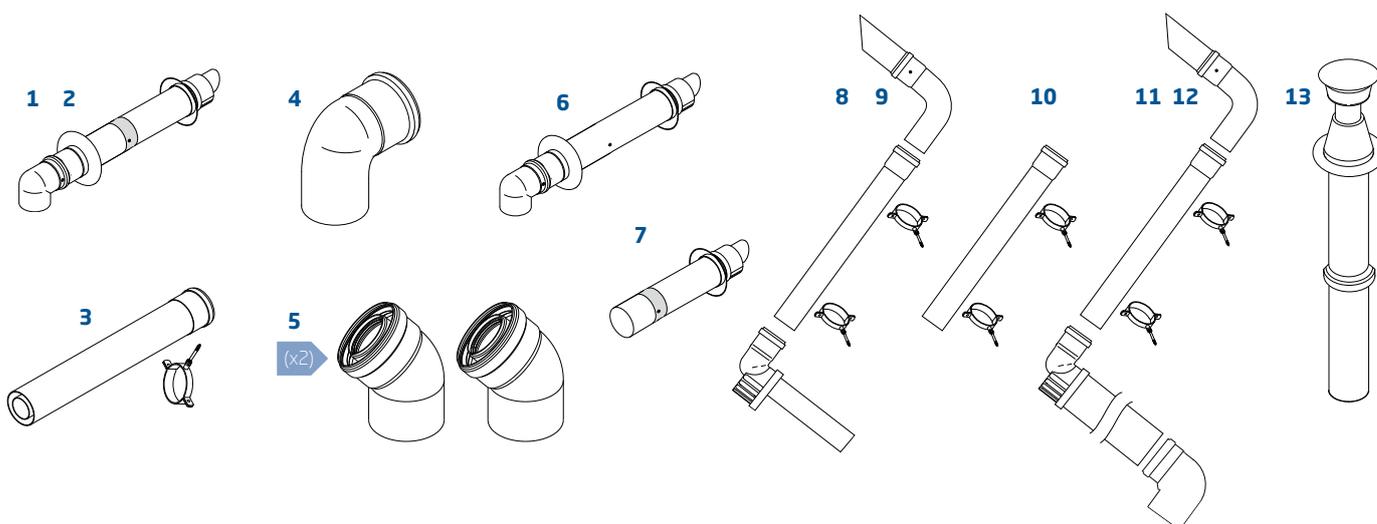
Multifit Flue Group A

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



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 Vertical concentric	10m 10m	20m 20m
Maximum permissible equivalent flue lengths for Baxi Heat Only boilers are:	Horizontal concentric Vertical concentric	6m 6m	10m 10m
Where inline bends are required in a flue system, the overall length must be reduced by the following amounts:	Concentric pipes	135° bend 93° bend	0.5m 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 and bracket	White	1000mm	100mm	720648801
9	0.5m flue extension inc. fixing screws and bracket	White	500mm	100mm	720643001
10	0.25m flue extension inc. fixing screws and bracket	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	93° low profile boiler elbow	White	93°	100mm	720550801
15	Stainless steel terminal guard - Ø 60/100	S/S	Stainless steel	100mm	720627901

Plume displacement kits Ø 60/100mm

Multifit Flue Group A

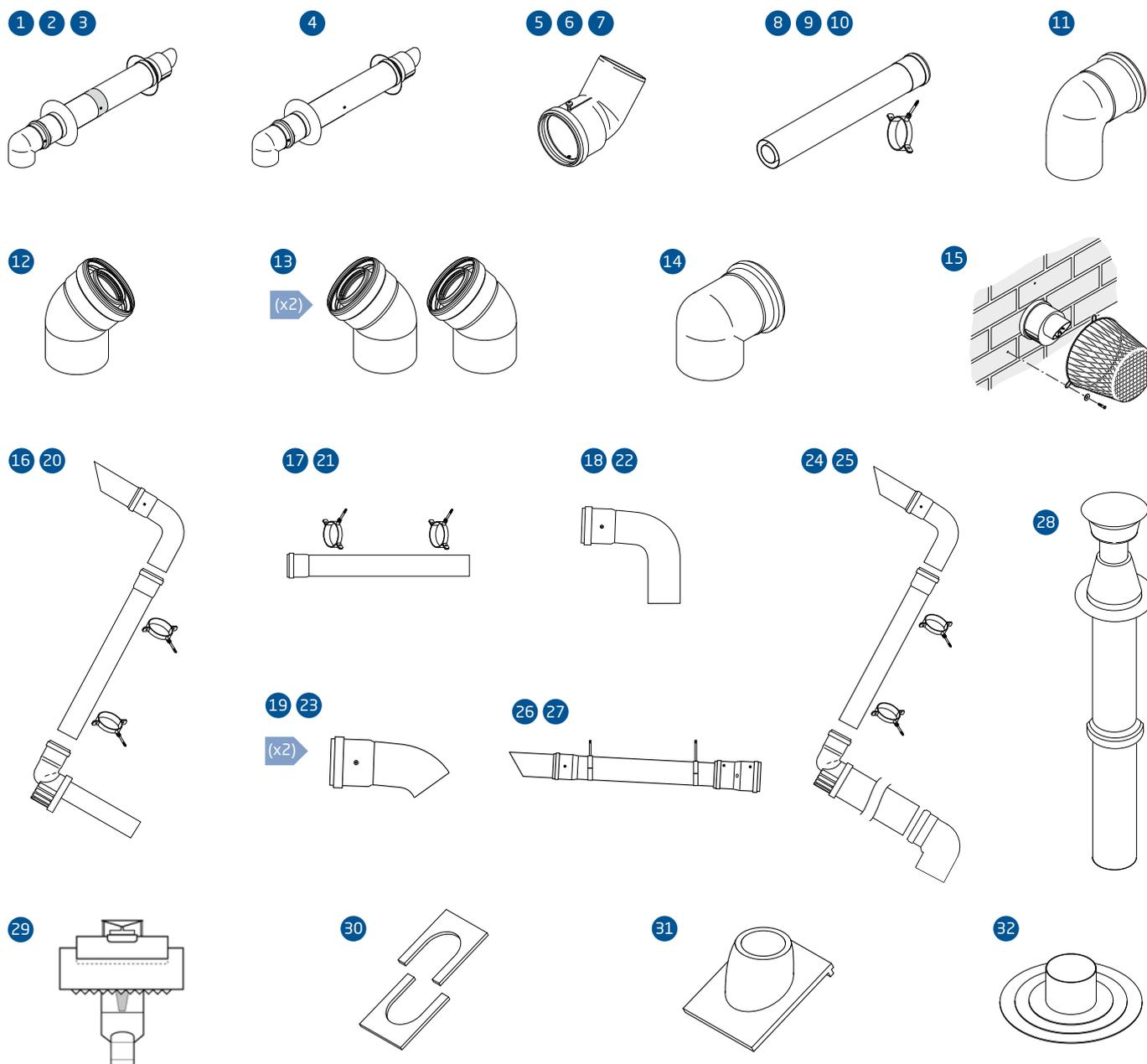
Item	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
16	Plume displacement terminal kit for telescopic flue inc. 1m extension and brackets	White		60mm	720627001
17	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
18	Plume displacement 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 17 and 21

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

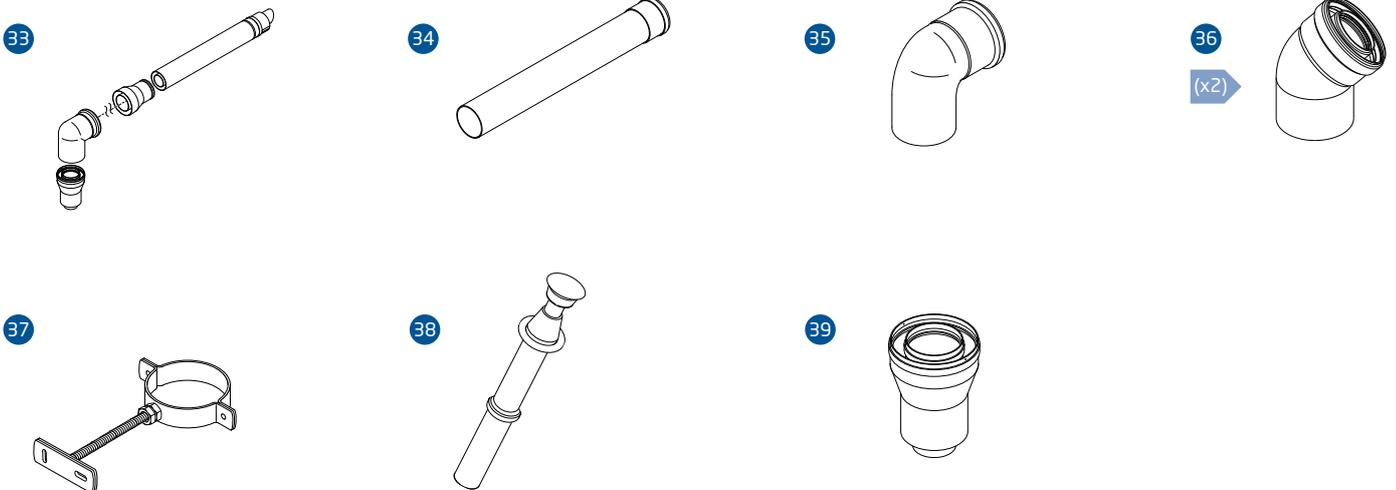
Multifit Flue Group G

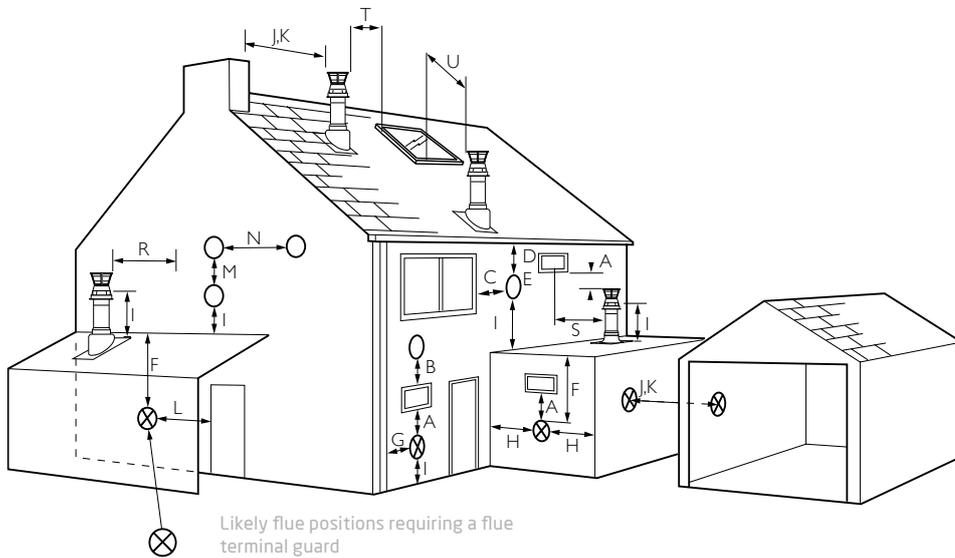
Item	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
33	Horizontal flue inc. boiler and terminal adaptors	Black		125mm	5118580
34	1m flue extension	White	1000mm	125mm	5118584
35	Flue bend	White	91.5°	125mm	5118588
36	Flue bend (pair)	White	135°	125mm	5118597
37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



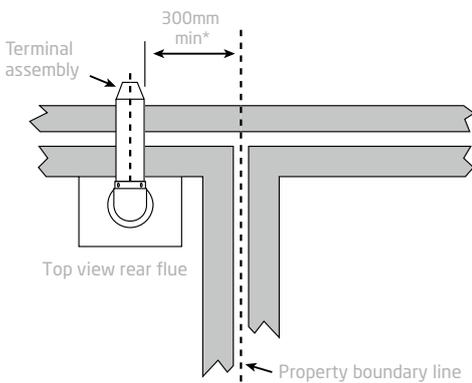


Terminal position with minimum distance

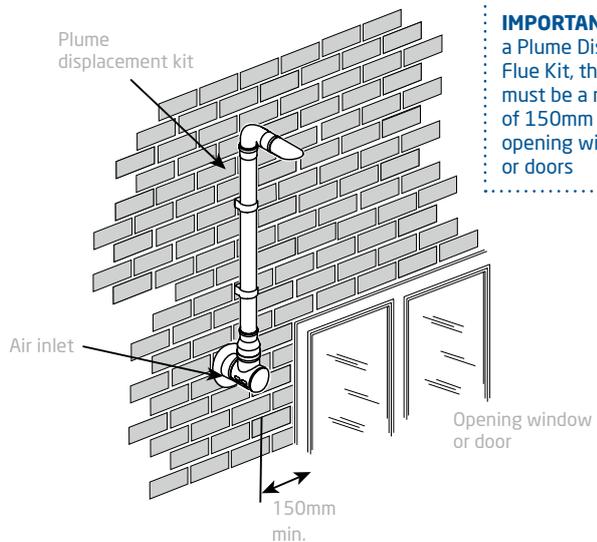
- A¹ Directly below an opening, air brick, opening windows etc
- B¹ Above an opening, air brick, opening window etc
- C¹ Horizontally to an opening, air brick, opening window etc
- D² Below gutters, soil pipes or drain pipes
- E² Below eaves
- F² Below balconies or car port roof
- G² From a vertical drain pipe or soil pipe
- H² From an internal or external corner
- I Above ground, roof or balcony level
- J From a surface or boundary line facing a terminal
- K From a terminal facing a terminal (Horizontal flue)
- K From a terminal facing a terminal (Vertical flue)

(mm)		
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.



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.



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

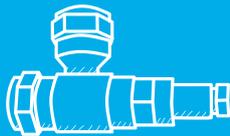
How we can help



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](https://www.baxi.co.uk)

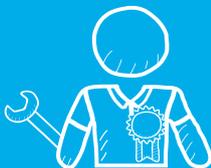
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0344 871 1525

Opening hours

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8.00am - 6.00pm

Weekends and bank holidays 8.30am - 2.00pm

We are open 365 days a year

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