

BAXI



Baxi range guide

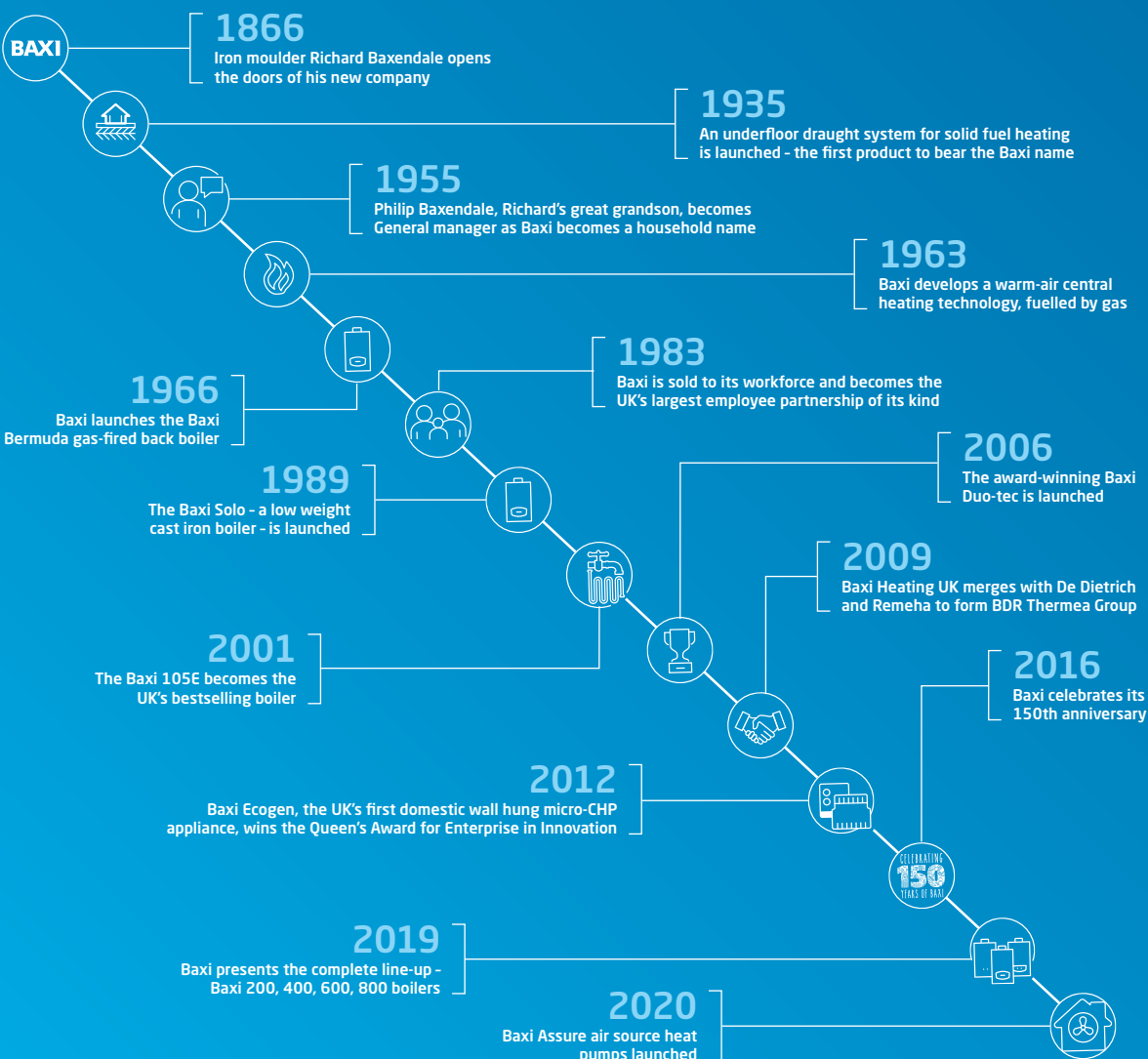
A brand you can trust

Baxi is proud to have been manufacturing in the UK since 1866. We are passionate about delivering reliable products and responsive services for our customers.

Sustainability is embedded in all we do, and we are committed to being a cleaner, greener manufacturing business. We support our customers by offering them clever heating solutions that keep their homes and businesses warm without warming the planet.

A BRIEF HISTORY OF BAXI

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.[†]



[†] According to independent research.



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

Reliability

Every Baxi boiler we make has to pass a full function test using gas, water and electricity, before it leaves the production line. If it doesn't pass with 100%, it doesn't leave the factory.

Warranty

We are so confident in the reliability of our boilers that we provide free of charge parts and labour warranties* up to 10 years. This provides peace of mind for both you and your customers. Our warranty terms and conditions are easy to understand and have been approved by the Plain English Campaign.

Efficiency

Baxi boilers are ErP A-rated for both hot water and heating efficiency and meet or exceed the requirements of the Building Regulations. This means your customers know they will be able to save money and energy.

Support

We are there for you when you need us. Our technical helpline advisers have many years' experience and will talk you through, step by step, if you need help while installing or maintaining a boiler. And we have a nationwide network of Gas Safe registered engineers, fully trained on our products, if you need them, even for same or next day visits**

Call Baxi Customer Support: 0344 871 1525

Easy to install

Our boilers come with a wall bracket and are simple to commission saving you time. Our combi boilers are compatible with the simple to fit Baxi IFOS (In flue outdoor sensor), making it easy for you to comply with Boiler Plus.

* Subject to registration within 30 days of installation and an annual service. Terms and conditions apply. Visit warranty.baxi.co.uk
** For members of Baxi Works, depending on membership level.

THE COMPLETE LINE-UP.

Baxi presents to you the complete line up.
A product solution for every customer.



**BAXI 400
COMBI 2.1**

Outputs 24, 30 and 36kW
Natural gas or LPG
Pre-heated and siphonic condensate trap
Compatible with Baxi Easy-Flue (internal fit - short and long)
Fully compatible with OpenTherm
Compatible with Baxi uSense 2



BAXI 400 HEAT

Outputs 15, 18 and 24kW
Compact cupboard fit
No pump overrun or permanent live required
Central top flue or in-case rear flue option



BAXI 600 COMBI 2

Outputs 24, 30 and 36kW
Natural gas or LPG
Preheated and siphonic condensate trap
Fully compatible with OpenTherm
Compatible with Baxi Easy-Flue (internal fit - short and long)
Compatible with Baxi uSense 2



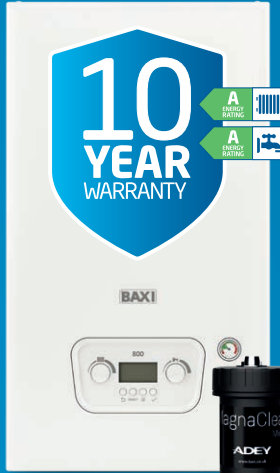
**BAXI 600
SYSTEM 2**

Outputs 15, 18 and 24kW
Natural gas or LPG
Preheated and siphonic condensate trap
Fully compatible with OpenTherm
Compatible with Baxi Easy-Flue (internal fit - short and long)



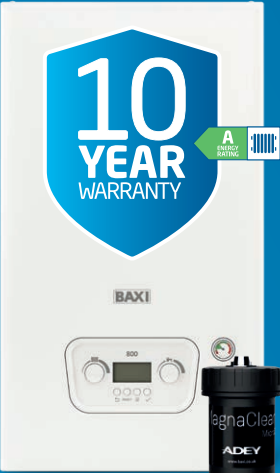
BAXI 600 HEAT

Outputs 13, 16, 19, 25 and 30kW
Compact cupboard fit
No pump overrun or permanent live required
Central top flue or in-case rear flue option



**BAXI 800
COMBI 2**

Outputs 24, 30 and 36kW
Natural gas or LPG
Preheated and siphonic condensate trap
Fully compatible with OpenTherm
Compatible with Baxi Easy-Flue (internal fit - short and long)
Compatible with Baxi uSense 2



**BAXI 800
SYSTEM 2**

Outputs 18, 24 and 30kW
Natural gas or LPG
Preheated and siphonic condensate trap
Fully compatible with OpenTherm
Compatible with Baxi Easy-Flue (internal fit - short and long)



BAXI 800 HEAT

Outputs 16, 25 and 30kW
Compact cupboard fit
No pump overrun or permanent live required
Central top flue or in-case rear flue option

Boiler specification matrix



	Baxi 400 Combi 2.1	Baxi 400 Heat	Baxi 600 Combi 2	Baxi 600 System 2
Outputs kW	24, 30, 36	15, 18, 24	24, 30, 36	15, 18, 24
Flow rate (@35°C rise)	10.2, 12.2, 15	n/a	10.2, 12.2, 15	n/a
Installer lift weight kg	28 to 30	17.4	28 to 30	28 to 30
Heat exchanger	Stainless steel	Aluminium	Stainless steel	Stainless steel
Hydraulics	Brass	n/a	Brass	n/a
Cupboard fit	✓ (fits in a 290mm deep cupboard)	✓ (fits in a 290mm deep cupboard)	✓ (fits in a 290mm deep cupboard)	✓ (fits in a 290mm deep cupboard)
Filling device	Temporary rigid filling link	Optional flexible link	Easy-Fill permanent filling link	Optional flexible link
Flue position	Top central	Top central and in-case rear flue	Top central	Top central
Warranty (parts and labour)	5 years	5 years	7 years	7 years
Mounting	Hanging bracket	Hanging bracket	Hanging bracket	Hanging bracket
Expansion vessel size	7 litres	n/a	7 litres	7litres
Boiler temperature controls	CH & DHW potentiometer	CH dial	CH & DHW potentiometer	CH potentiometer
uSense compatible	✓	✗	✓	✗
Sound power levels dBA	50 - 51	39 - 45	50 - 51	47 - 52



	Baxi 600 Heat	Baxi 800 Combi 2	Baxi 800 System 2	Baxi 800 Heat
Outputs kW	13, 16, 19, 25, 30	24, 30, 36	18, 24, 30	16, 25, 30
Flow rate (@35°C rise)	n/a	10.2, 12.2, 15	n/a	n/a
Installer lift weight kg	17.4 to 19.5	28 to 30	29 to 30	17.4 to 19.5
Heat exchanger	Aluminium	Stainless steel	Stainless steel	Aluminium
Hydraulics	n/a	Brass	n/a	n/a
Cupboard fit	✓ (fits in a 290mm deep cupboard)	✓ (fits in a 290mm deep cupboard)	✓ (fits in a 290mm deep cupboard)	✓ (fits in a 290mm deep cupboard)
Filling device	Optional flexible link	Easy-Fill permanent filling link	Optional flexible link	Optional flexible link
Flue position	Top central and in-case rear flue	Top central	Top central	Top central and in-case rear flue
Warranty (parts and labour)	7 years	10 years	10 years	10 years
Mounting	Hanging bracket	Hanging bracket	Hanging bracket	Hanging bracket
Expansion vessel size	n/a	7 litres	7 litres	n/a
Boiler temperature controls	CH dial	CH & DHW potentiometer	CH potentiometer	CH dial
uSense compatible	✗	✓	✗	✗
Sound power levels dBA	37 - 49	50 - 51	49 - 53	39 - 45

Baxi 800 Combi 2



The Baxi 800 Combi 2 has a 10 year parts and labour warranty† and includes a compact Adey MagnaClean Micro2 system filter to protect the boiler and heating system. The boiler is lightweight, small enough to fit into a 290mm deep cupboard, has a built in pipes behind facility within the boiler casing, brass hydraulics and a stainless steel heat exchanger.

Feature	Benefit
Outputs 24kW, 30kW, 36kW	To meet different end user hot water requirements (up to 15 litres per minute)
Natural Gas or LPG conversion	All models can be manually converted between natural gas or LPG without the need to purchase an accessory kit
Positive fit PrV connection pipe	Saves time on installation and can be fitted first or last in the pipework installation sequence
External Analogue Pressure Gauge	For ease of topping up central heating pressure
Easy-Fill 2 permanent filling link	Enables simple homeowner self-top up of system pressure preventing engineer call outs
Preheated siphonic condensate trap	Prevents freezing and engineer call outs as the trap dissipates preheated condensate all in one go
Compatible with Baxi Easy-Flue (internal fit – short and long)	For a safer, quicker and cheaper one person fit installation from inside the property
Compatible with Baxi uSense 2 smart room thermostat	Enables control of heating schedules remotely via the My Baxi APP
Fully compatible with OpenTherm	Can maximise efficiency when fitted to OpenTherm Certified controls

Baxi 800 Combi 2

	824 Combi 2 7814304	830 Combi 2 7814305	836 Combi 2 7814306
Sales code (boiler only)			
Gas			
Natural gas or LPG	✓	✓	✓
Inlet supply pressure (natural gas)	mbar (nominal) 20	20	20
Maximum gas rate (G20) Qmax	m³ / hr 2.61	3.26	3.9
Heat input CH	kW (max) gross (QnHs)	20.6	25.7
	kW (min) gross (QnHs)	4.9	6
Heat output CH (non-condensing)	kW (max) (Pn)	20	25
	kW (min) (Pn)	4.8	5.8
Heat output CH (condensing)	kW (max) (Pnc)	21.8	27.1
	kW (min) (Pnc)	5.2	6.3
Heat input domestic hot water (DHW)	kW (max) gross (QnWHs)	27.4	30.9
Heat output domestic hot water (DHW)	kW (max)	24	30
Water heating efficiency class	A	A	A
Electrical			
Permanent live required	✓	✓	✓
External fuse rating (on connection board)	amps F0.5A L250VP	F0.5A L250VP	F0.5A L250VP
Pump overrun	✓	✓	✓
Integral 'boiler only' frost thermostat	✓	✓	✓
Hydraulic			
Maximum DHW flow rate (Delta T @ 35°C rise)	l/min 10.2	12.2	15
Minimum DHW flow rate required	l/min 2	2	2
Minimum operating DHW pressure required	bar 0.5	0.5	0.5
Integral expansion vessel	size (litres) 7	7	7
Maximum capacity of CH system	litres 100	100	100
Integral automatic bypass	✓	✓	✓
Weights			
Installer lift weight (boiler)	(kg) 28	29	30

What's in the box?

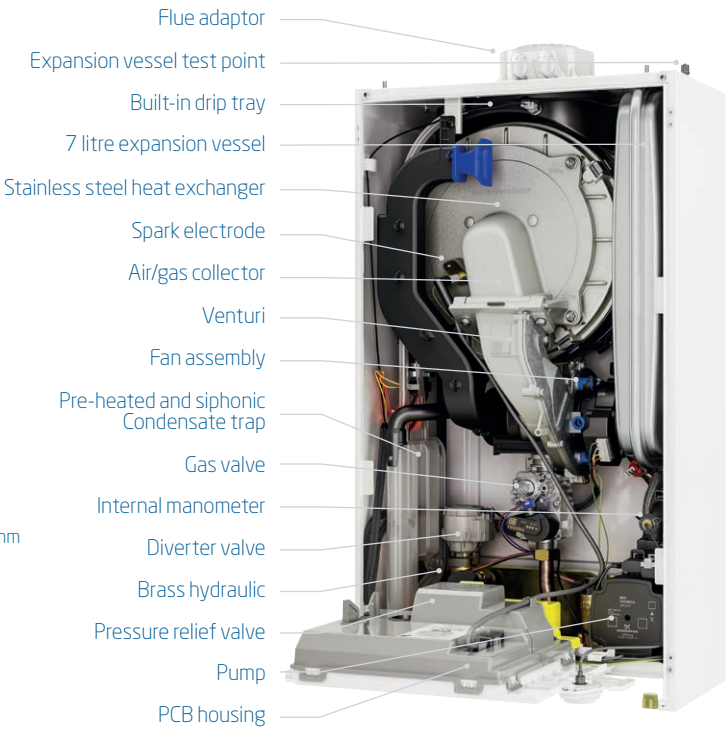
Baxi 800 Combi 2 boiler Wall hanging bracket



Copper pipe tails

- CH 22mm
- Cold water inlet / DHW outlet 15mm
- Gas 22mm
- Condense
- Safety discharge 15mm

What's inside?



Dimensions Service clearances

A width	395mm	D side	2.5mm*
B height	700mm	E upper	178mm*
C depth	285mm	F lower	150mm*
		G front	5mm*†

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

† Subject to registration within 30 days of installation and an annual service. Terms and conditions apply. Visit warranty.baxi.co.uk



Baxi 800 System 2



The Baxi 800 System 2 has a 10 year parts and labour warranty† and includes a compact Adey MagnaClean Micro2 system filter to protect the boiler and heating system. The boiler is lightweight, small enough to fit into a 290mm deep cupboard, has a built in pipes behind facility within the boiler casing and a stainless steel heat exchanger.

Feature	Benefit
Outputs 18kW, 24kW, 30kW	An output and model for most sizes of property
Natural Gas or LPG conversion	All models can be manually converted between natural gas or LPG without the need to purchase an accessory kit
Positive fit PrV connection pipe	Saves time on installation and can be fitted first or last in the pipework installation sequence
External Analogue Pressure Gauge	For ease of topping up central heating pressure
Preheated siphonic condensate trap	Prevents freezing and engineer call outs as the trap dissipates preheated condensate all in one go
Compatible with Baxi Easy-Flue (internal fit - short and long)	For a safer, quicker and cheaper one person fit installation from inside the property
Compatible with Megafluo and Baxi cylinders	For industry leading hot water performances
Fully compatible with OpenTherm	Can maximise efficiency when fitted to OpenTherm Certified controls

Baxi 800 System 2

	818 System 2 7814313	824 System 2 7814314	830 System 2 7814315
Sales code (boiler only)			
Gas			
Natural gas or LPG	✓	✓	✓
Inlet supply pressure (natural gas)	mbar (nominal)	20	20
Maximum gas rate (G20) Qmax	m³ / hr	1.97	2.61
Heat input CH	kW (max) gross (QnHs)	18.6	24.7
	kW (min) gross (QnHs)	4.9	6
Heat output CH (non-condensing)	kW (max) (Pn)	18	24
	kW (min) (Pn)	4.8	4.8
Heat output CH (condensing)	kW (max) (Pnc)	19.9	26.3
	kW (min) (Pnc)	5.2	5.2
Heat input domestic hot water (DHW)	kW (max) gross (QnWHs)	n/a	n/a
Heat output domestic hot water (DHW)	kW (max)	n/a	n/a
Water heating efficiency class	A	A	A
Electrical			
Permanent live required	✓	✓	✓
External fuse rating	amps	F0.5A L250VP	F0.5A L250VP
Pump overrun	✓	✓	✓
Integral 'boiler only' frost thermostat	✓	✓	✓
Hydraulic			
Maximum DHW flow rate (Delta T @ 35°C rise)	l/min	n/a	n/a
Minimum DHW flow rate required	l/min	2	2
Minimum operating DHW pressure required	bar	0.5	0.5
Integral expansion vessel	size (litres)	7	7
Maximum capacity of CH system	litres	100	100
Integral automatic bypass	✓	✓	✓
Weights			
Installer lift weight (boiler)	(kg)	29	30

What's in the box?

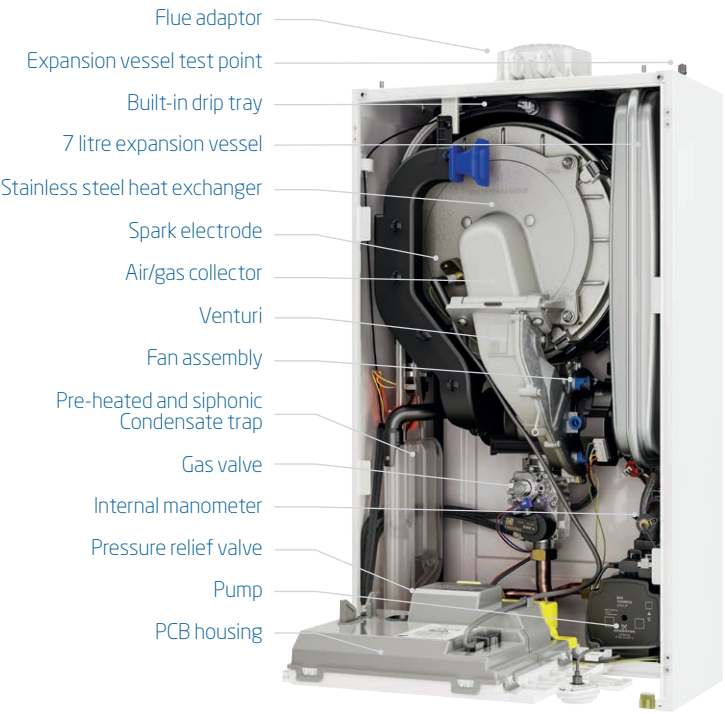
Baxi 800 System 2 boiler Wall hanging bracket



Copper pipe tails

- CH 22mm
- Gas 22mm
- Condense
- Safety discharge 15mm

What's inside?



Dimensions

Service clearances

A width	395mm	D side	2.5mm*
B height	700mm	E upper	178mm*
C depth	285mm	F lower	150mm*
		G front	5mm*†

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

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Baxi 800 Heat



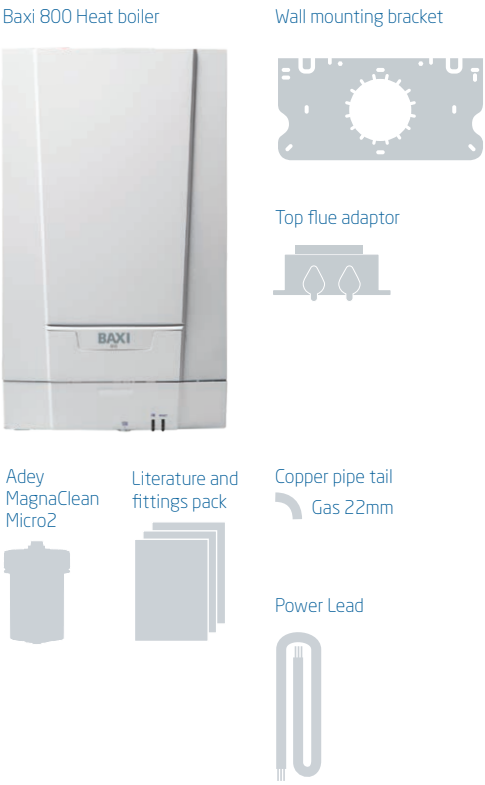
The Baxi 800 Heat has a 10 year parts and labour warranty† and includes a compact Adey MagnaClean Micro2 system filter to protect the boiler and heating system. The boiler has no need for a pump overrun or permanent live and has a lift weight from just 17.4kg. This powerful boiler can be installed on open vent or sealed systems and has an optional in-case rear flue, making it the perfect choice for homes with a high demand for hot water.

Feature	Benefit
Outputs 16kW, 25kW and 30kW	To suit most property sizes
10 year parts and labour warranty†	For total peace of mind
Adey MagnaClean Micro2 system filter	Industry leading for total peace of mind
17.4kg installer lift weight (30kW is 19.5kg)	The lightest boiler available in the UK
Compact cupboard fit	Can be installed in a 290mm deep cupboard
No pump overrun or permanent live required	Saves time and money during installation, and less disruption for the householder
Suitable for fully pumped open vent or sealed systems	For installation flexibility
Easy fit wall mounting bracket	Robust with a positive fix and audible lock so you know it's secure
Front and side access	Servicing is easier and quicker, and no special tools are required
Top central or optional in-case rear flue	For flexibility of siting and a neater installation

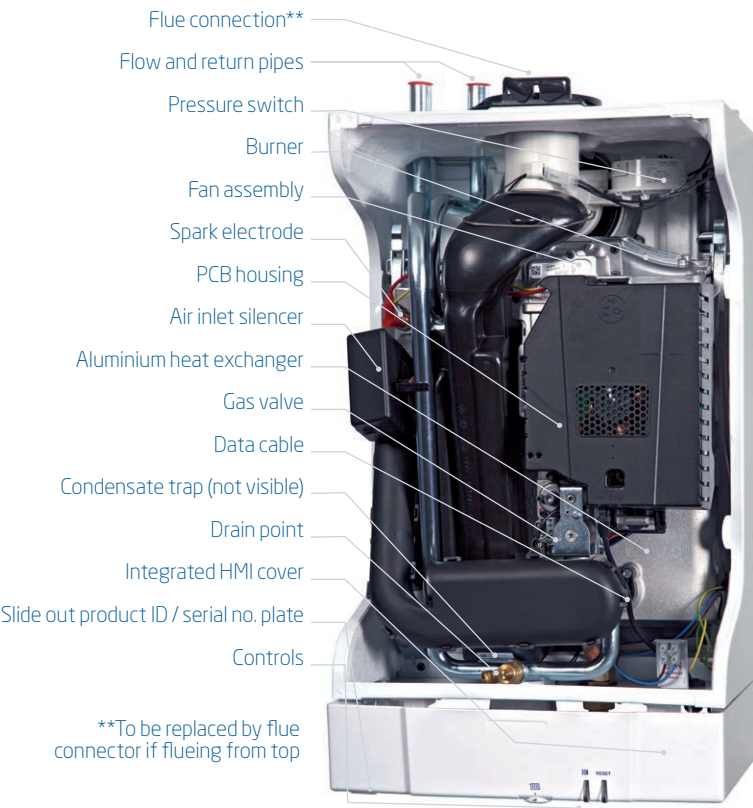
Baxi 800 Heat

	816 Heat	825 Heat	830 Heat
Sales code (boiler only)	7749866	7749868	7749869
Gas			
Natural gas	✓	✓	✓
Propane LPG	n/a	n/a	n/a
Inlet supply pressure	mbar (nominal)	20	20
Maximum gas rate (G20)	Qmax m³ / hr	1.75	2.73
Heat input CH	kW (max) gross (QnHs)	18.32	28.62
	kW (min) gross (QnHs)	8.59	8.59
Heat output CH (non-condensing)	kW (max) (Pn)	16	25
	kW (min) (Pn)	7.5	7.5
Electrical			
Permanent live required	x	x	x
External fuse rating	amps	3	3
Pump overrun	x	x	x
Weights			
Installer lift weight (boiler)	(kg)	17.4	17.4
			19.5

What's in the box?



What's inside?



Dimensions Service clearances

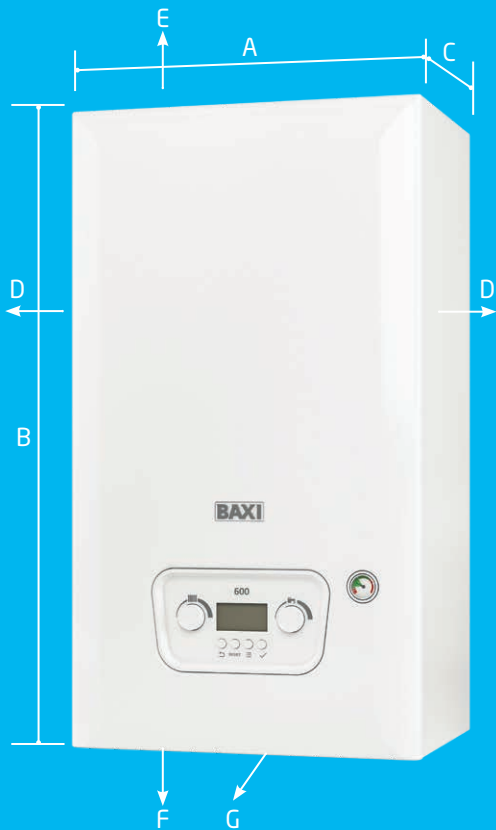
A width	370mm	D side	5mm*
B height	625mm	E upper	190mm* (35mm if using rear flue)
C depth	270mm	F lower	120mm* (35mm in 300mm deep wall cupboard)
		G front	5mm*†

* These are minimum recommended dimensions, greater clearance will aid installation and maintenance
† 500mm for servicing purposes

† Subject to registration within 30 days of installation and an annual service. Terms and conditions apply. Visit warranty.baxi.co.uk



Baxi 600 Combi 2



The Baxi 600 Combi 2 has a 7 year parts and labour warranty† and is small enough to fit into a 290mm deep cupboard. The boiler has a built in pipes behind facility within the boiler casing, brass hydraulics and a stainless steel heat exchanger.

Feature	Benefit
Outputs 24kW, 30kW, 36kW	To meet different end user hot water requirements (up to 15 litres per minute)
Natural Gas or LPG conversion	All models can be manually converted between natural gas or LPG without the need to purchase an accessory kit
Positive fit PrV connection pipe	Saves time on installation and can be fitted first or last in the pipework installation sequence
External Analogue Pressure Gauge	For ease of topping up central heating pressure
Easy-Fill 2 permanent filling link	Enables simple homeowner self-top up of system pressure preventing engineer call outs
Preheated siphonic condensate trap	Prevents freezing and engineer call outs as the trap dissipates preheated condensate all in one go
Compatible with Baxi Easy-Flue (internal fit – short and long)	For a safer, quicker and cheaper one person fit installation from inside the property
Compatible with Baxi uSense 2 smart room thermostat	Enables control of heating schedules remotely via the My Baxi APP
Fully compatible with OpenTherm	Can maximise efficiency when fitted to OpenTherm Certified controls

Baxi 600 Combi 2

	624 Combi 2 7796586	630 Combi 2 7796587	636 Combi 2 7796588
Sales code (boiler only)			
Gas			
Natural gas or LPG	✓	✓	✓
Inlet supply pressure (natural gas)	mbar (nominal) 20	20	20
Maximum gas rate (G20) Qmax	m³ / hr 2.61	3.26	3.9
Heat input CH	kW (max) gross (QnHs)	20.6	25.7
	kW (min) gross (QnHs)	4.9	6
Heat output CH (non-condensing)	kW (max) (Pn)	20	25
	kW (min) (Pn)	4.8	5.8
Heat output CH (condensing)	kW (max) (Pnc)	21.8	27.1
	kW (min) (Pnc)	5.2	6.3
Heat input domestic hot water (DHW)	kW (max) gross (QnWHs)	27.4	30.9
Heat output domestic hot water (DHW)	kW (max)	24	30
Water heating efficiency class	A	A	A
Electrical			
Permanent live required	✓	✓	✓
External fuse rating	amps F0.5A L250VP	F0.5A L250VP	F0.5A L250VP
Pump overrun	✓	✓	✓
Integral 'boiler only' frost thermostat	✓	✓	✓
Hydraulic			
Maximum DHW flow rate (Delta T @ 35°C rise)	l/min 10.2	12.2	15
Minimum DHW flow rate required	l/min 2	2	2
Minimum operating DHW pressure required	bar 0.5	0.5	0.5
Integral expansion vessel	size (litres) 7	7	7
Maximum capacity of CH system	litres 100	100	100
Integral automatic bypass	✓	✓	✓
Weights			
Installer lift weight (boiler)	(kg) 28	29	30

What's in the box?

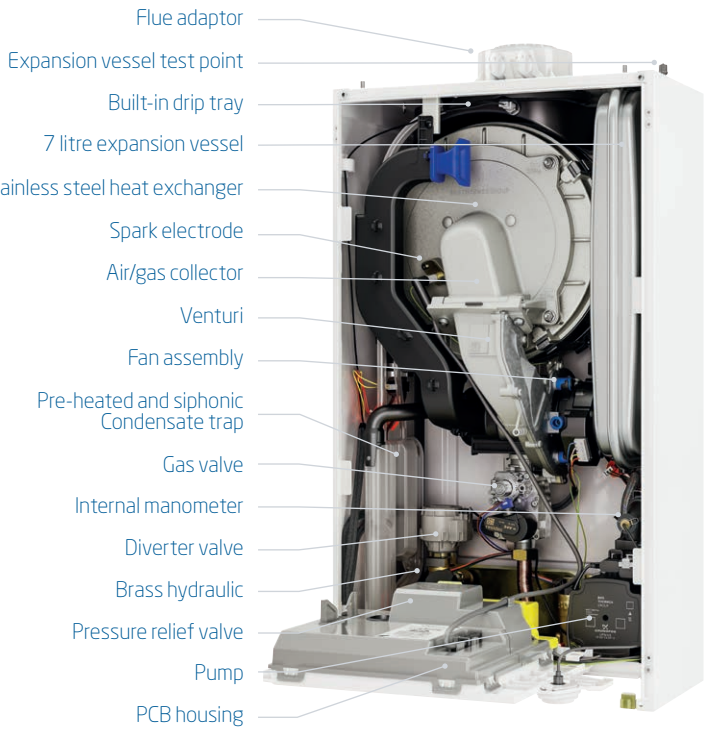
Baxi 600 Combi 2 boiler Wall hanging bracket



Copper pipe tails

- CH 22mm
- Cold water inlet / DHW outlet 15mm
- Gas 22mm
- Condense
- Safety discharge 15mm

What's inside?



Dimensions Service clearances

A width	395mm	D side	2.5mm*
B height	700mm	E upper	178mm*
C depth	285mm	F lower	150mm*
		G front	5mm*†

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

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Baxi 600 System 2



The Baxi 600 System 2 has a 7 year parts and labour warranty† is lightweight and is small enough to fit into a 290mm deep cupboard. The boiler has a built in pipes behind facility within the boiler casing and a stainless steel heat exchanger.

Feature	Benefit
Outputs 15kW, 18kW, 24kW	An output and model for most sizes of property
Natural Gas or LPG conversion	All models can be manually converted between natural gas or LPG without the need to purchase an accessory kit
Positive fit PrV connection pipe	Saves time on installation and can be fitted first or last in the pipework installation sequence
External Analogue Pressure Gauge	For ease of topping up central heating pressure
Preheated siphonic condensate trap	Prevents freezing and engineer call outs as the trap dissipates preheated condensate all in one go
Compatible with Baxi Easy-Flue (internal fit – short and long)	For a safer, quicker and cheaper one person fit installation from inside the property
Compatible with Megafluo and Baxi cylinders	For industry leading hot water performances
Fully compatible with OpenTherm	Can maximise efficiency when fitted to OpenTherm Certified controls

Baxi 600 System 2

	615 System 2	618 System 2	624 System 2
Sales code (boiler only)	7798687	7802020	7802241
Gas			
Natural gas or LPG	✓	✓	✓
Inlet supply pressure (natural gas)	mbar (nominal)	20	20
Maximum gas rate (G20) Qmax	m³ / hr	1.64	1.97
Heat input CH	kW (max) gross (QnHs)	15.5	18.6
	kW (min) gross (QnHs)	4.9	4.9
Heat output CH (non-condensing)	kW (max) (Pn)	15	18
	kW (min) (Pn)	4.8	4.8
Heat output CH (condensing)	kW (max) (Pnc)	16.3	19.9
	kW (min) (Pnc)	5.2	5.2
Heat Input domestic hot water (DHW)	kW (min) gross (QnWHs)	n/a	n/a
Heat output domestic hot water (DHW)	kW (max)	n/a	n/a
Water heating efficiency class	A	A	A
Electrical			
Permanent live required	✓	✓	✓
External fuse rating	amps	F0.5A L250VP	F0.5A L250VP
Pump overrun	✓	✓	✓
Integral 'boiler only' frost thermostat	✓	✓	✓
Hydraulic			
Maximum DHW flow rate (Delta T @ 35°C rise)	l/min	n/a	n/a
Minimum DHW flow rate required	l/min	2	2
Minimum operating DHW pressure required	bar	0.5	0.5
Integral expansion vessel	size (litres)	7	7
Maximum capacity of CH system	litres	100	100
Integral automatic bypass	✓	✓	✓
Weights			
Installer lift weight (boiler)	(kg)	28	29

What's in the box?

Baxi 600 System 2 boiler Wall hanging bracket



Literature and fittings pack

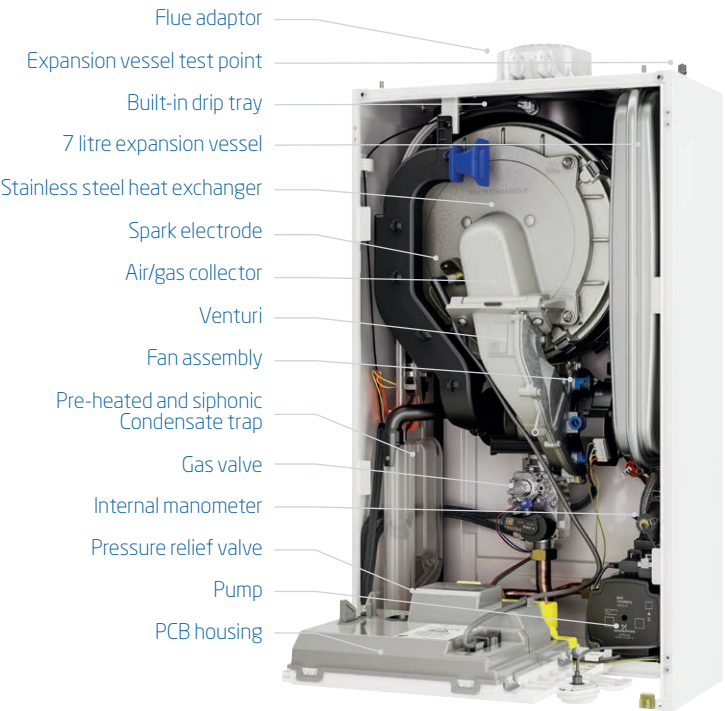


Copper pipe tails



- CH 22mm
- Gas 22mm
- Condense
- Safety discharge 15mm

What's inside?



Dimensions Service clearances

A width	395mm	D side	2.5mm*
B height	700mm	E upper	178mm*
C depth	285mm	F lower	150mm*
		G front	5mm*†

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

† Subject to registration within 30 days of installation and an annual service. Terms and conditions apply. Visit warranty.baxi.co.uk



Baxi 600 Heat



The Baxi 600 Heat has a 7 year parts and labour warranty[†], has no need for a pump overrun or permanent live and has a lift weight from just 17.4kg. This powerful boiler can be installed on open vent or sealed systems and has an optional in-case rear flue, making it the perfect choice for homes with a high demand for hot water.

Feature	Benefit
Outputs 13kW, 16kW, 19kW, 25kW and 30kW	To suit most property sizes
Only 17.4kg installer lift weight (30kW is 19.5kg)	The lightest boiler available in the UK
Compact cupboard fit	Can be installed in a 290mm deep cupboard
No pump overrun or permanent live required	Saves time and money during installation, and less disruption for the householder
Suitable for fully pumped open vent or sealed systems	For installation flexibility
Easy fit wall mounting bracket	Robust with a positive fix and audible lock so you know it's secure
Front and side access	Servicing is easier and quicker, and no special tools are required
Central top flue or in-case rear flue option	For reduced boiler footprint and improved look
Industry leading choice of flue lengths, bends and accessories	Extensive flue option up to 12 metres for versatile siting and easy replacement
Central heating temperature control	For ease of use maximising comfort

Baxi 600 Heat

	613 Heat	616 Heat	619 Heat	625 Heat	630 Heat
Sales code (boiler only)	7711998	7711999	7712020	7712022	7712023
Gas					
Natural gas	✓	✓	✓	✓	✓
Propane LPG	n/a	n/a	n/a	n/a	n/a
Inlet supply pressure	mbar (nominal)	20	20	20	20
Maximum gas rate (G20)	Q _{max} m ³ / hr	1.42	1.75	2.07	2.73
Heat input CH	kW (max) gross (Q _{gross})	14.88	18.32	21.75	28.62
	kW (min) gross (Q _{gross})	8.59	8.59	8.59	8.59
Heat output CH (non-condensing)	kW (max) (P _n)	13	16	19	25
	kW (min) (P _n)	7.5	7.5	7.5	7.5
Electrical					
Permanent live required		x	x	x	x
External fuse rating	amps	3	3	3	3
Pump overrun		x	x	x	x
Weights					
Installer lift weight (boiler)	(kg)	17.4	17.4	17.4	19.5

What's in the box?



What's inside?



Dimensions	Service clearances
A width 370mm	D side 5mm*
B height 625mm	E upper 190mm* (35mm if using rear flue)
C depth 270mm	F lower 120mm* (35mm in 300mm deep wall cupboard)
	G front 5mm*†

* These are minimum recommended dimensions, greater clearance will aid installation and maintenance
† 500mm for servicing purposes

† Subject to registration within 30 days of installation and an annual service. Terms and conditions apply. Visit warranty.baxi.co.uk

Baxi 400 Combi 2.1



The Baxi 400 Combi 2.1 has a 5 year parts and labour warranty† and is lightweight, small enough to fit into a 290mm deep cupboard, contains brass hydraulics and a stainless steel heat exchanger.

Feature	Benefit
Outputs 24, 30 and 36kW	To meet different end user hot water requirements
Robust components	Brass hydraulics and stainless steel heat exchanger for peace of mind
Natural Gas or LPG manual conversion	All models can be manually converted between natural gas or LPG without the need to purchase an accessory kit
External Analogue Pressure Gauge	For ease of topping up central heating pressure
Temporary rigid filling link	Enables simple homeowner self-top up of system pressure
Preheated siphonic condensate trap	Prevents freezing and engineer call outs as the trap dissipates preheated condensate all in one go
Compatible with Baxi Easy-Flue (internal fit – short and long)	For a safer, quicker and cheaper one person fit installation from inside the property
Compatible with Baxi uSense 2 smart room thermostat	Simple 2 wire low voltage connection enabling load compensation complying with Boiler+
Fully compatible with OpenTherm	Can maximise efficiency when fitted to OpenTherm certified controls

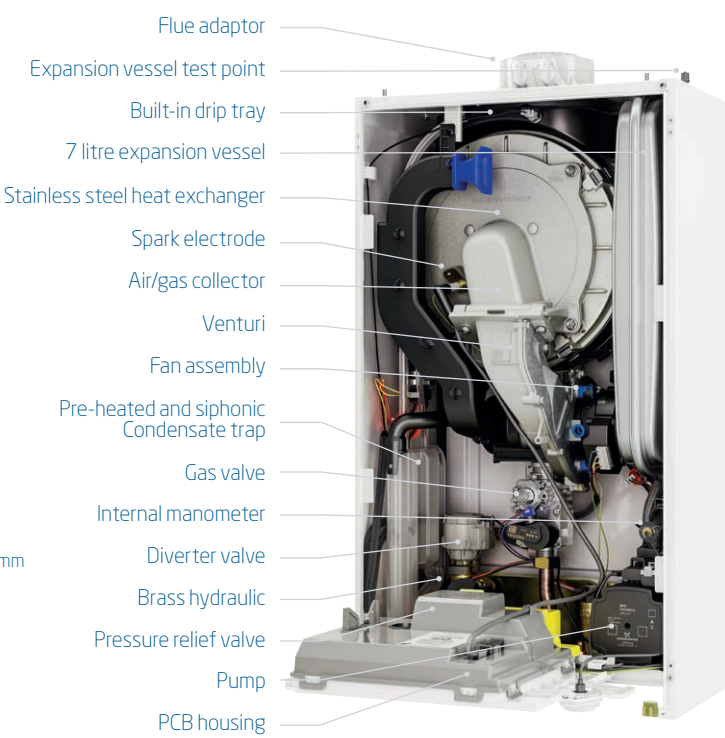
Baxi 400 Combi 2.1

	424 Combi 2.1	430 Combi 2.1	436 Combi 2.1
Sales code (boiler only)	7872835	7872836	7872837
Gas			
Natural Gas or LPG	✓	✗	✓
Inlet supply pressure (natural gas) mbar (nominal)	20	20	20
Maximum Gas Rate (G20) Qmax m³/hr	2.61	3.26	3.9
Heat input CH kW (max) gross (QnHs)	20.6	25.7	25.7
Heat output CH (non-condensing) kW (min) gross (QnHs)	4.9	6.0	7.2
Heat output CH (non-condensing) kW (max) (Pn)	20	25	25
Heat output CH (non-condensing) kW (min) (Pn)	4.8	5.8	7.2
Heat output CH (condensing) kW (max) (Pnc)	21.8	27.1	27.1
Heat output CH (condensing) kW (min) (Pnc)	5.2	6.3	7.6
Heat input domestic hot water (DHW) kW (max) gross (QnHs)	27.4	30	36.9
Heat output domestic hot water (DHW) kW (max)	24	20	36
Water heating efficiency class	A	A	A
Electrical			
Permanent live required	✓	✓	✓
External fuse rating (on connection board) amps	F0.5A.L250VP	F0.5A.L250VP	F0.5A.L250VP
Pump overrun	✓	✓	✓
Integral 'boiler only' frost thermostat	✓	✓	✓
Hydraulic			
Maximum DHW flow rate (Delta T @ 35°C rise) l/min	10.2	12.2	15
Minimum DHW flow rate required l/min	2	2	2
Minimum operating DHW pressure required bar	0.5	0.5	0.5
Integral expansion vessel size (litres)	7	7	7
Maximum capacity of CH system litres	100	100	100
Integral automatic bypass	✓	✓	✓
Weights			
Installer Lift Weight (boiler) (kg)	28	29	30

What's in the box?



What's inside?



Dimensions

A width	395mm	D side	2.5mm
B height	700mm	E upper	240mm
C depth	285mm	F lower	250mm*
		G front	5mm*†

Service clearances

* These are minimum recommended dimensions, greater clearance will aid installation and maintenance
† 1000mm for servicing purposes

† Subject to registration within 30 days of installation and an annual service. Terms and conditions apply. Visit warranty.baxi.co.uk

Baxi 400 Heat



The Baxi 400 Heat has a 5 year parts and labour warranty[†], has no need for a pump overrun or permanent live and has a lift weight from just 17.4kg. This boiler can be installed on open vent or sealed systems and has an optional in-case rear flue for a neater installation.

Feature	Benefit
Outputs 15kW, 18kW and 24kW	To suit most property sizes
Only 17.4kg installer lift weight	The lightest boiler available in the UK*
Compact cupboard fit	Can be installed discreetly
Easy fit wall mounting bracket	Robust with a positive fix and audible lock so you know it's secure
One metre lead included	Easy to install and you don't need access to the control box
Top or in-case rear flue	For ease of installation
Simple fixing of rear flue	For easy and fail-safe flue fixing
No pump overrun or permanent live required	Saves time and money during installation, and less disruption for the householder
Front and side access	Servicing is easier and quicker, and no special tools are required
Wide choice of flue lengths, bends and accessories	For versatile siting

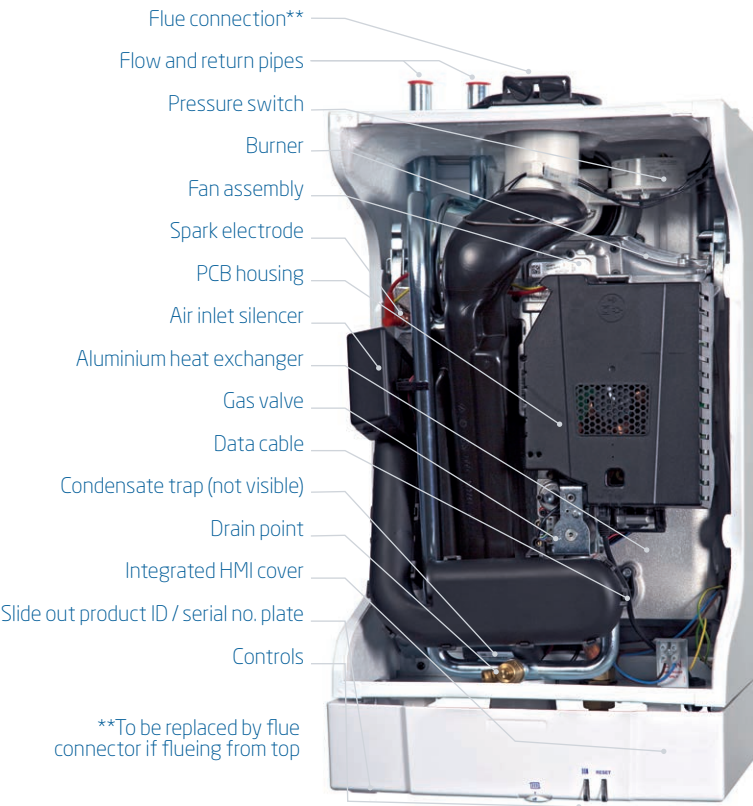
Baxi 400 Heat

	415 Heat	418 Heat	424 Heat
Sales code (boiler only)	7668933	7668934	7668935
Gas			
Natural gas	✓	✓	✓
Propane LPG	n/a	n/a	n/a
Inlet supply pressure	mbar (nominal)	20	20
Maximum gas rate (G20)	Qmax m3/h	1.75	2.07
Heat input CH	kW (max) gross (QnHs)	18.32	21.75
	kW (min) gross (QnHs)	8.59	8.59
Heat output CH (non-condensing)	kW (max) (Pn)	16	19
	kW (min) (Pn)	7.5	7.5
Electrical			
Permanent live required	x	x	x
External fuse rating	amps	3	3
Pump overrun	x	x	x
Weights			
Installer Lift Weight (boiler)	(kg)	17.4	17.4

What's in the box?



What's inside?



Dimensions	Service clearances
A width 370mm	D side 5mm*
B height 625mm	E upper 190mm* (35mm if using rear flue)
C depth 270mm	F lower 120mm* (35mm in 300mm deep wall cupboard)
	G front 5mm*†

* These are minimum recommended dimensions, greater clearance will aid installation and maintenance
† 500mm for servicing purposes

[†] Subject to registration within 30 days of installation and an annual service. Terms and conditions apply. Visit warranty.baxi.co.uk
* As at October 2018



Flue solutions

Multifit flue kits now come with positive screw fixings for all connections and are available in a choice of lengths, to reduce onsite cutting. We offer a choice of colours for the terminals, to match existing rainwater systems and our flues are UV stable. For more information see our flue guide.

	Flue type	Group A (60/100mm)
Maximum permissible equivalent flue lengths for Baxi Combi, System boilers are:	Horizontal concentric Vertical concentric	10m 10m
Maximum permissible equivalent flue lengths for Baxi Heat only boilers are:	Horizontal concentric Vertical concentric	6m 6m
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 bend reduction) 93° bend (1m bend reduction)

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	Baxi Easy-Flue - short	White pipe/black terminal	300mm - 470mm	60/100mm	7778296
3b	Baxi Easy-Flue - long	White pipe/black terminal	420mm - 690mm	60/100mm	7778299
4	Standard horizontal flue inc. low profile elbow and fixing screws	White pipe/black terminal	685mm	100mm	7222019
4b	1.8m high rise horizontal terminal 60/100	White pipe/black terminal	1800mm	60/100mm	7778067
4c	Horizontal flue A/S5033313043223			60/100mm	7743932
5	Telescopic rear flue (in case)	White pipe/black terminal	220mm - 345mm	60/100mm	7210434
7	Flue terminal deflector	Black		60mm	5111068
9	1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
9b	2m high rise extension inc. fixing screws	White	2000mm	60/100mm	7778230
10	0.5m flue extension inc. fixing screws	White	500mm	100mm	720643001
11	0.25m flue extension inc. fixing screws	White	250mm	100mm	720643101
12	93° flue bend inc. fixing screws	White	93°	100mm	720648401
13	135° flue bend inc. fixing screws	White	135°	100mm	720648501
14	135° flue bend inc. fixing screws (pair)	White	135°	100mm	720647901
15	Offset adaptor elbow	White		100mm	720635501
16	Stainless steel terminal guard - Ø 60/100	S/S	Stainless steel	100mm	720627901
34	Pipe support bracket	White	100mm	100mm	5111080

Plume displacement kits Ø 60/100mm

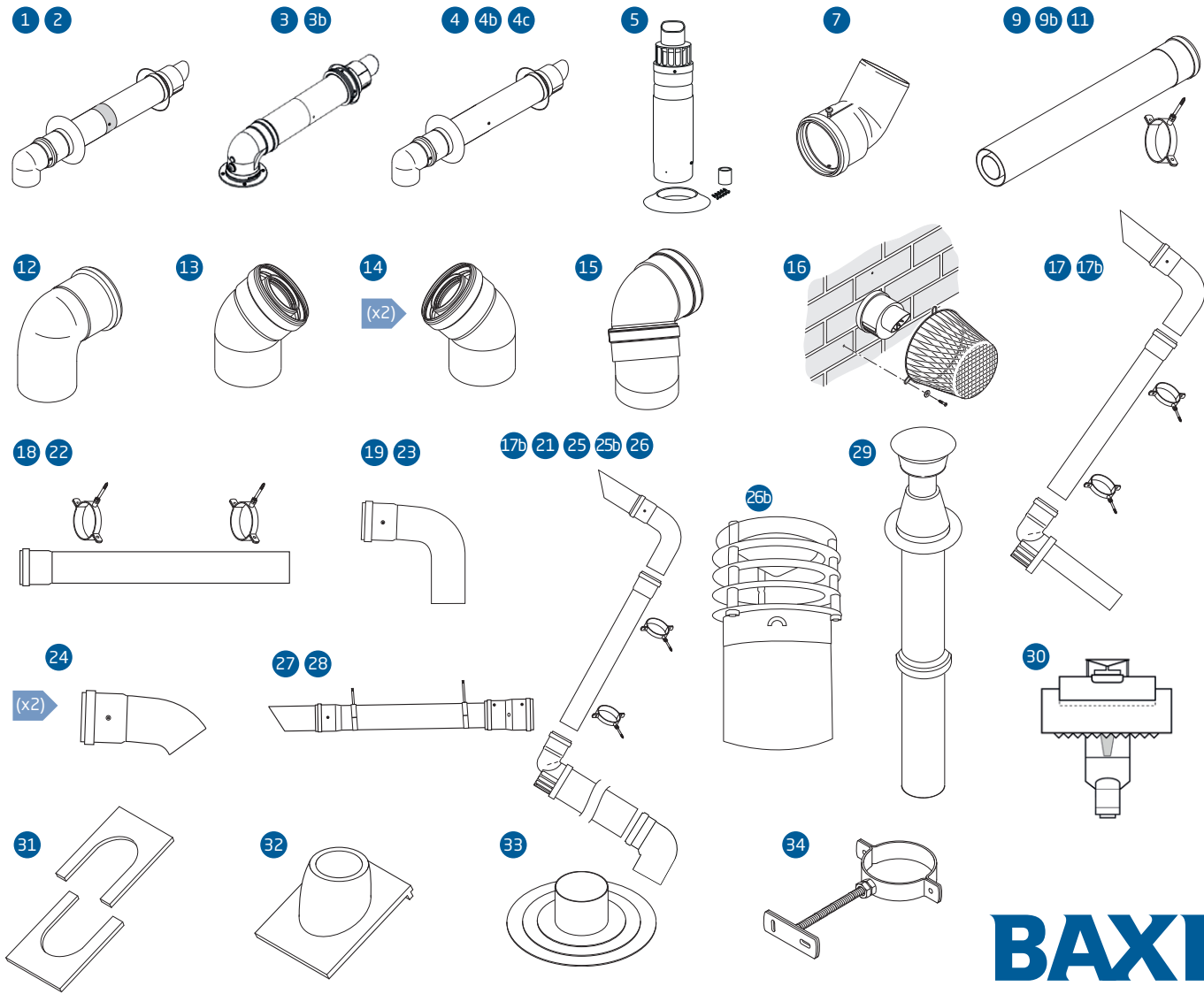
Multifit Flue Group A

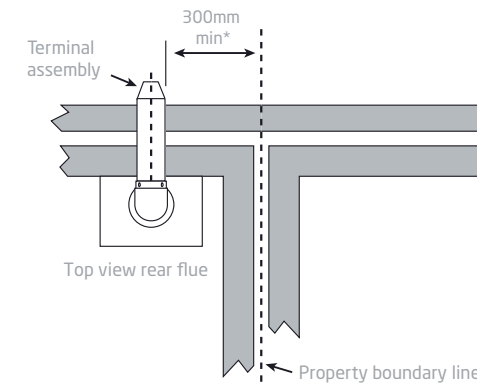
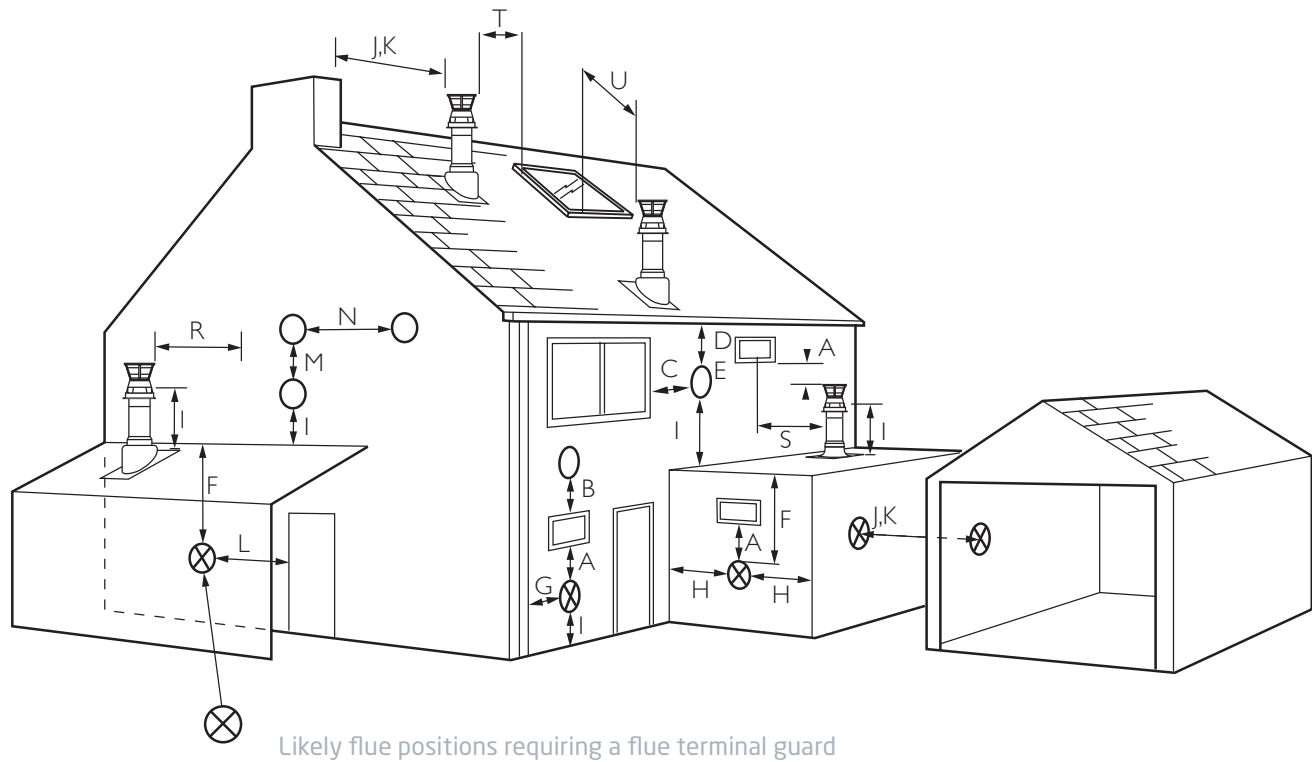
Item	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
17	Plume displacement terminal kit for telescopic flue inc. 1m extension and brackets	Black pipe / black terminal		60mm	720627001
17b	Plume Displacement Kit with 1m Extension (for Baxi Easy-Flue)	White pipe/black terminal		60mm	7845831
18	Plume displacement kit extension and brackets	White	1000mm	60mm	720643401
19	Plume displacement kit bend	White	93°	60mm	5121369
21	Plume displacement terminal kit for telescopic flue inc. 1m extension and brackets	Black		60mm	720622901
22	Plume displacement kit extension and brackets	Black	1000mm	60mm	720643301
23	Plume displacement kit bend	Black	93°	60mm	720648701
24	Plume displacement kit bend (pair)	Black	135°	60mm	720648601
25	Plume displacement terminal kit inc. 1m extension and brackets	White		60mm	7225717
25b	Plume displacement terminal kit inc. 1m extension and brackets	Black		60mm	7225716
26	High rise plume displacement kit	Black		60mm	7778272
26b	Plume displacement terminal kit (Diffuser)	Black		60mm	7213532

Vertical concentric flues Ø 60/100mm

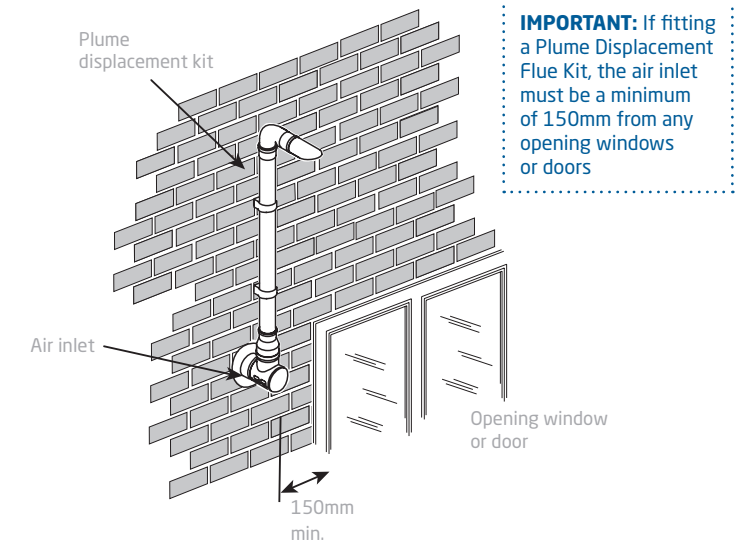
Multifit Flue Group A

Item	Description (multifit) flue system	Colour	Specification	Key and OD dimensions	Sales code
27	Under balcony eaves flue kit	White	135°	60mm	7211039
28	Under balcony eaves flue kit	Black	135°	60mm	7211041
29	Vertical flue terminal	Black		100mm	5118576
30	Vertical ridge flue terminal	Brown		100mm	720647101
31	Roof cover plate			100mm	246143
9	1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
11	0.25m flue extension inc. fixing screws	White	250mm	100mm	720643101
12	93° flue bend inc. fixing screws	White	93°	100mm	720648401
13	135° flue bend inc. fixing screws	White	135°	100mm	720648501
14	135° flue bend (pair) inc. fixing screws	White	135°	100mm	720647901
32	Pitched roof flashing		25°/50°	125mm	5122151
33	Flat roof flashing			125mm	246144
34	Pipe support brackets	White	100mm flue pipes	100mm	5111080





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.



Terminal position with minimum distance	(mm)	Terminal position with minimum distance	(mm)
A ¹ Directly below an opening, air brick, opening windows etc	300	L From an opening in a carport (e.g. door, window) into the dwelling	1200
B ¹ Above an opening, air brick, opening window etc	300	M Vertically from a terminal on the same wall	1500
C ¹ Horizontally to an opening, air brick, opening window etc	300	N Horizontally from a terminal on the same wall	300
D ² Below gutters, soil pipes or drain pipes	25	R From adjacent wall to flue (vertical only)	300
E ² Below eaves	25	S From an adjacent opening window (vertical only)	1000
F ² Below balconies or car port roof	25	T Adjacent to windows or openings on pitched and flat roofs	600
G ² From a vertical drain pipe or soil pipe	25	U Below windows or openings on pitched roofs	2000
H ² From an internal or external corner	25		
I Above ground, roof or balcony level	300	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.	
J From a surface or boundary line facing a terminal	600	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.	
K From a terminal facing a terminal (Horizontal flue)	1200		
K From a terminal facing a terminal (Vertical flue)	600		

Optional controls, accessories and compatibility

Product	Added energy efficiency	Sales code
 Baxi uSense 2 smart room thermostat	✓	7775937
 Potterton EP series 2	✓	7211473
 Multifit IFOS - combi	✓	7724181
 Multifit IFOS - system (compatible in addition to IFOS combi/ridge tile)	✓	7729979
 Multifit IFOS - ridge tile	✓	7729943
 Multifit IFOS - extension		7724260
 Multifit filling loop kit		248221
 Multifit rigid filling link		7689034
 Multifit Easy-Fill 2		7783329
 Pre-plumb jig 2		7818249
 Multifit rear pipework kit 2		7823084
 Multifit external boiler discharge pump (PRV and condensate)		720648301

Compatibility							
800 Combi 2	800 System 2	800 Heat	600 Combi 2	600 System 2	600 Heat	400 Combi 2.1	400 Heat
•			•			•	
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Key ✓ = added energy efficiency

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Saturdays and Bank Holidays, 8.30am - 2pm

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