



Key features

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

Pre-plumbing jig supplied

Built-in mechanical 24 hour timer

Built-in frost thermostat

Front access to all components

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

Industry leading choice of flue lengths, bends and accessories

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

Easy to service and maintain

Plenty of hot water whenever you need it

For versatile siting

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



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

Simon Harrington
Harrington Plumbing & Heating

Baxi Platinum Combi

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

Accessories

The following accessories are compatible with the Baxi Platinum Combi



5117391

Baxi programmable
24 hour wireless
sensor



720030501

Baxi seven day
programmable room
thermostat



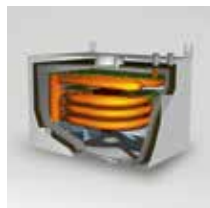
720971601

Baxi room
thermostat



720330001

Baxi wired
weather sensor kit



720056901

Multifit GasSaver
GS1

Technical specifications

HOW WE MAKE IT EASY

Pre-plumbing
jig for quick and
simple installation.



Boiler dimensions

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

Service clearances

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

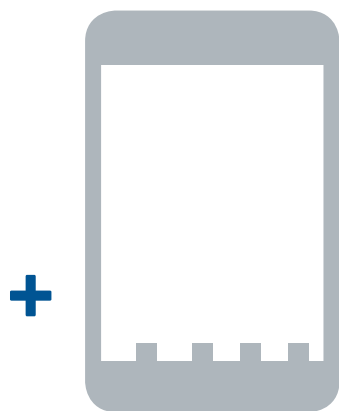
*These are the minimum recommended dimensions.
Greater clearance will aid installation and maintenance.



What's in the box?



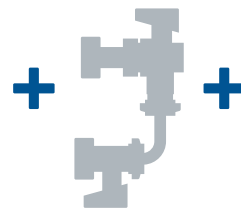
Platinum Combi boiler



Pre-plumbing jig



Fitting instructions,
template, user
instructions, warranty



Filling loop



Copper
pipe tails

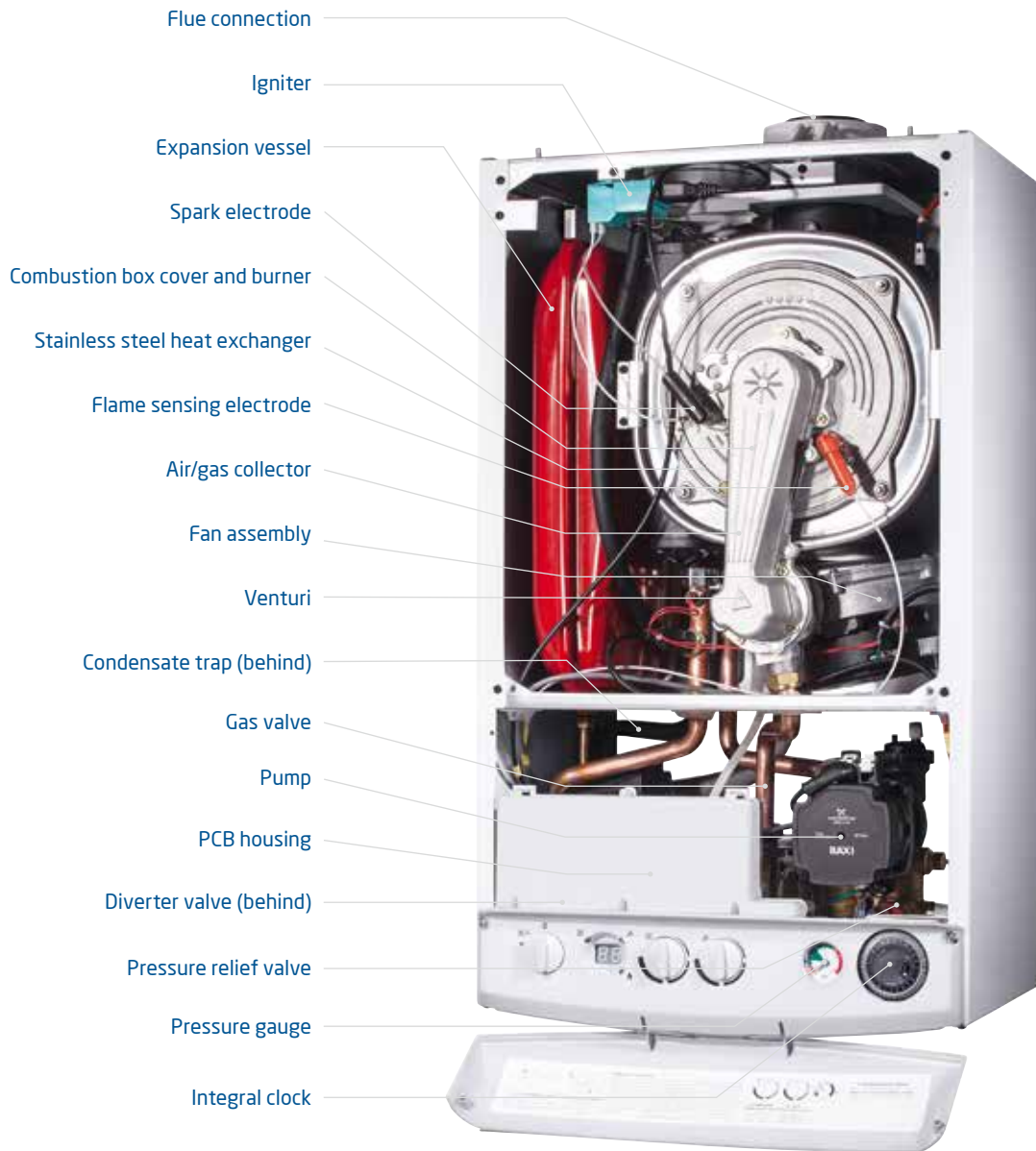
Technical details

Baxi Platinum Combi ErP

		24 Combi	28 Combi	33 Combi	40 Combi
Sales code		7219449	7219450	7219451	7219452
Controls					
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		Fitted as standard	Fitted as standard	Fitted as standard	Fitted as standard
Gas					
Gas supply connection	mm	22	22	22	22
Natural gas		✓	✓	✓	✓
Nominal inlet supply pressure	mbar	20	20	20	20
Maximum gas rate		2.16	3.1	3.6	4.36
Heat input Central Heating (CH)	kW max gross (QnHs)	22.7	27.4	32.1	36.4
	kW min gross (QnHs)	7.8	10.0	10.8	11.0
Heat output CH non condensing	kW max (Pn)	20	24	28	32
	kW min (Pn)	6.8	8.7	9.4	9.6
Heat output CH condensing	kW max (Pnc)	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 (QnHs)	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
SAP 2009 Annual Efficiency (PCDB/SEDBUK)	%	89.0	89.0	88.9	88.9
NOx class		5	5	5	5
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 0.75mm ² 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
Temporary filling loop included		✓	✓	✓	✓
CH system inhibitor required		✓	✓	✓	✓
Concentric flue system					
Standard horizontal flue kit length	mm	685	685	685	685
Max equiv length horizontal/vertical (60/100mm)	m	10	10	10	10
Max equiv length horizontal/vertical (80/125mm)	m	20	20	20	20
Equivalent length per 135° bend	m	0.5	0.5	0.5	0.5
Equivalent length per 93° bend	m	1	1	1	1
Twin pipe flue system					
Diameters	mm	80/80	80/80	80/80	80/80
Max equiv length horizontal/vertical (parallel pipes)	m	15/15	15/15	15/15	15/15
Equivalent length per 135° bend	m	0.25	0.25	0.25	0.25
Equivalent length per 91.5° Bend	m	0.5	0.5	0.5	0.5
Weights					
Max installation lift weight	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



HOW WE MAKE IT EASY

Multifit flue kits offer an industry-leading choice of accessories.

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 Standard horizontal flue inc. low profile elbow and fixing screws*	White pipe/black terminal	685mm	100mm	7222019
4 1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
5 93° flue bend inc. fixing screws	White	93°	100mm	720648401
6 135° flue bend inc. fixing screws (pair)	White	135°	100mm	720647901

Plume displacement kits Ø 60/100mm

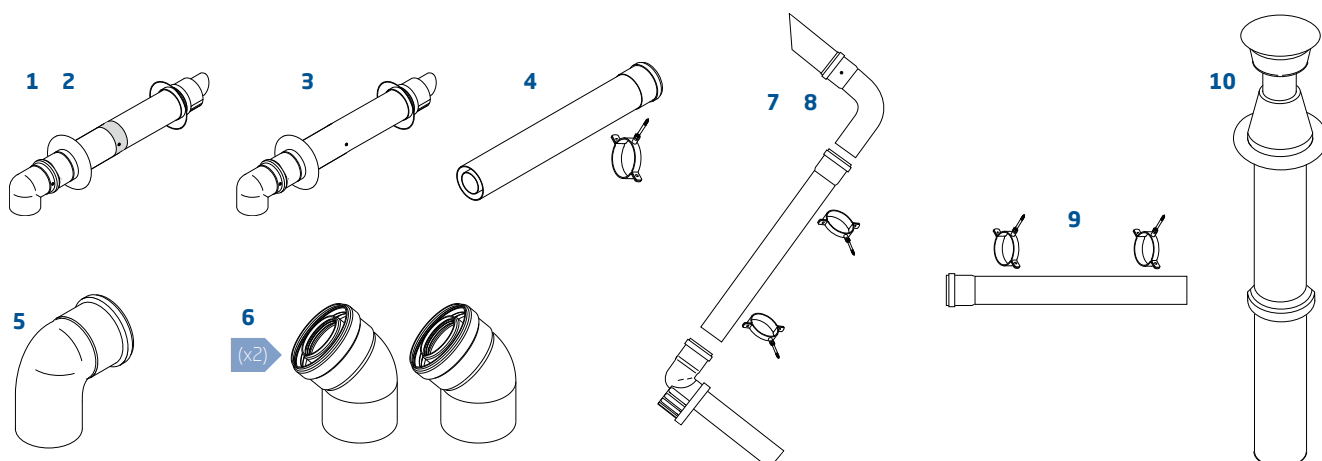
Multifit flue group A

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

Vertical concentric flues Ø 60/100mm

Multifit flue group A

Item description	Colour	Specification	Key and OD dimensions	Sales code
10 Vertical flue terminal	Black		100mm	5118576
4 1m flue extension inc. fixing screws	White	1000mm	100mm	720648801
5 93° flue bend inc. fixing screws	White	93°	100mm	720648401
6 135° flue bend inc. fixing screws (pair)	White	135°	100mm	720647901



*Not compatible with items 7 and 8