

Baxi Platinum Combi HE

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PLATHERange/05/V1



The amazing new Baxi Platinum Combi HE with a 5 year warranty



Baxi Platinum Combi HE

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Baxi. Taking reliability and service to a higher level.

The Baxi name has been at the forefront of design innovation for over 150 years. As part of Baxi Group, the UK's leading heating company, Baxi are specialists in gas boilers, cylinders, water heaters and commercial heating. Whatever the heating problem, we have an energy efficient, environmentally friendly solution.

The Baxi brand has always led through innovation. In particular, Baxi has made a significant investment in the development of combi boilers that meet the differing needs of the modern household. It has proved to be a market leader where high efficiency is concerned, offering products which have been developed to meet every conceivable requirement - all with maximum efficiency and economy as standard. Our innovative approach has led us into creating one heating 'first' after another.

Baxi are committed to developing ranges which address a vast range of applications, and most are based on existing tried and tested boiler technology, offering installers total reassurance. Our vision for the future is to continue to lead the way in high efficiency by offering a higher level of service, reliability and choice.

Baxi Design and Development - Focusing on guaranteed performance and reliability.

Baxi's commitment to pushing forward the boundaries in boiler manufacturing has been demonstrated by a two million pound investment in a new Product Design Centre in Padiham - the largest of its type in the UK. The Centre has state-of-the-art facilities which include 60 stations designed to continually test the reliability and performance of our latest products, a wind generator that simulates varying wind conditions and three environmental chambers which test components in varying temperatures and humidity levels.

Each component is put to the test again and again, with 194,000 life cycle testing hours during the past year alone. Our aim is to ensure the boilers we manufacture are able to offer optimum performance in even the most extreme installation conditions.

An overview of current legislation

As you know, the rules and regulations are changing fast with regard to our business. Here is a brief overview of how things stand at the moment.

- With some exceptions, all boilers in England and Wales must be condensing
- These changes will not include oil boilers until April 2007
- Details of all heat producing appliances must be provided to the Local Authority Building and Control (LABC)



Self certification and compliance

The Government realises that the enforcement of the new building regulations is important, but Local Authority Building and Control will not be able to inspect every new and replacement boiler installation.

However:

- Corgi registered installers who have completed a recognised training programme in energy efficiency (such as an ACS course) can register on a self-certification scheme run by CORGI
- The installer will provide details of each installation to CORGI, who then issue a Building Regulations compliance certificate to the householder and notify LABC on the installer's behalf
- Installers who do not belong to a Competent Person scheme will have to obtain a Building Control notice before installing any boiler

- The procedure incorporates an assessment form that needs to be signed by a competent person
- No assessment is required with regard to the fitting of condensing boilers and warm air heaters
- Although oil boilers are regarded as exceptions until 1 April 2007, the installer still needs to complete a form

NB: Installation of standard efficiency gas boilers ordered by homeowners before 1 April 2005 must be completed by 30 June 2005.

Exceptions assessment

To assess exceptions, installers can use a simple points scoring system.



Baxi Platinum Combi HE.

The new high efficiency range



Baxi Platinum Combi HE.

The ultimate boiler with the ultimate warranty.

It's rare indeed to find a boiler that combines optimum performance and reliability with a host of intelligent design features.

Rarer still to find a major manufacturer that's prepared to back that performance and reliability with an amazing 5 year parts and labour warranty.

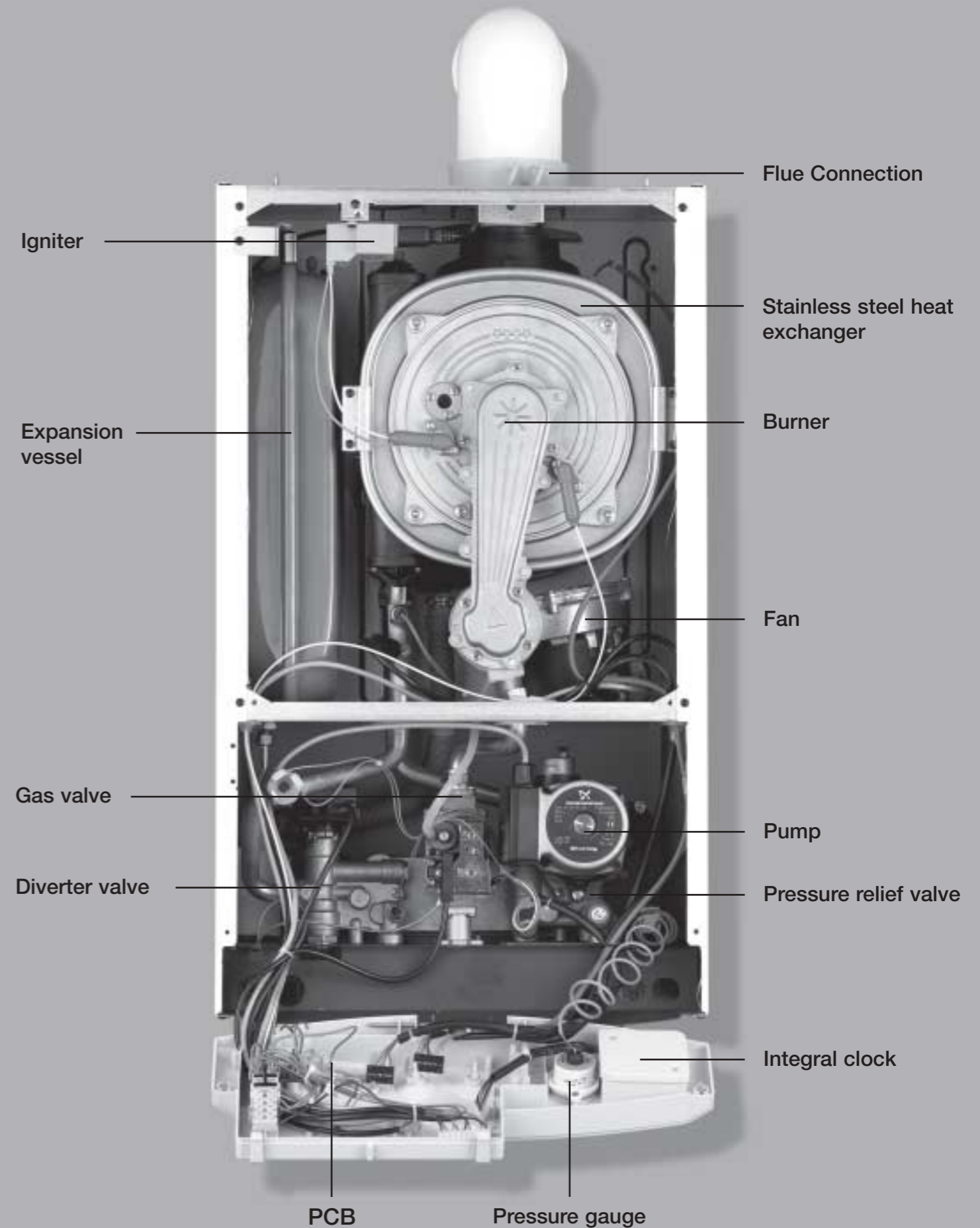
But that's exactly what the Baxi Platinum Combi HE range delivers.

There are three boilers in the range, the 24 HE, 28 HE and 33 HE.

Each has a SEDBUK Band A high efficiency rating, providing maximum heating and hot water performance with minimum running costs.

Key benefits >>

- 5 year parts and labour warranty
- Available as a 24kW output (28 & 33kW available in September 2005)
- Proven Baxi technology
- SEDBUK Band 'A' energy rating
- Extensive fluing options with flue lengths up to 15m
- Intelligent control system for automatic heat output adjustment
- Stainless steel heat exchanger
- Filling loop and integral clock included



Technical Specification



Fully modulating outputs



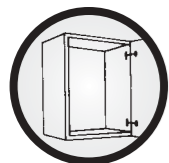
SEDBUK 90.8%
Band A



Intelligent hot water
pre-heat function



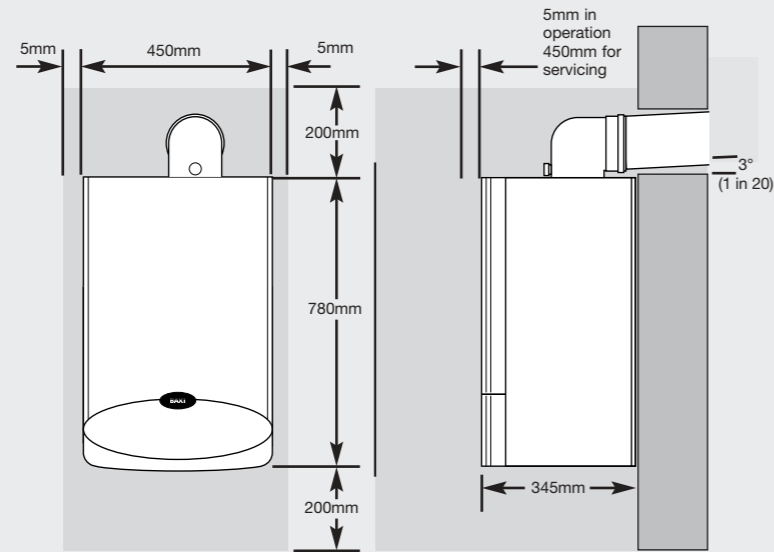
NO_x
emissions class 5



Can be located in
unventilated cupboards
or compartments



Exceptional flow rates
of 13.5 l/min at
35°C temp rise



Dimensions and minimum clearances (mm)

Technical information	Platinum 24, 28 & 33 HE
Max continuous DHW flow rate raised 35°C	9.8 (24) 11.5 (28) 13.5 (33) litres/min
Max heat input CH/DHW modes (24)	27.4 kW
Max heat input CH/DHW modes (28)	27.4/32.1 kW
Max heat input CH/DHW modes (33)	32.1/37.7 kW
Max heat output CH condensing/non-condensing (24)	25.9/24 kW
Max heat output CH condensing/non-condensing (28)	25.9/24 kW
Max heat output CH condensing/non-condensing (33)	30.3/28 kW
Max heat output DHW (24)	24 kW
Max heat output DHW (28)	28 kW
Max heat output DHW (33)	33 kW
Max gas rate (24)	2.61 m ³ /hr
Max gas rate (28)	3.06 m ³ /hr
Max gas rate (33)	3.59 m ³ /hr
NO _x Class	5
Min DHW flow rate	2 litres/min
Min DHW operating pressure	0.15 bar
Max DHW system pressure	8 bar
Safety discharge pressure	3 bar
Automatic bypass	Yes
Max capacity of CH system	125 litres
Pre-plumbing wall plate with isolating valves	Yes
Gas connection	22 mm
CH flow and return	22 mm
DHW inlet and outlet	15 mm
Pressure relief discharge	15 mm
Condensate drain connection	21.5 mm
Installation lift weight	45kg (24) 45kg (28) 46kg (33)
Electrical supply	230/50 V/Hz
Power consumption	155 (24) 155 (28) 160 (33) watts
Electrical protection	IPX0D
Boiler frost protection	Yes
24hr pump exercise	Yes
Concentric flue terminal diameter	100 mm
Standard concentric flue length	685 mm
Max concentric horizontal flue length (equivalent)	10 m
Max concentric vertical flue length (equivalent)	10 m (plus terminal)
Max twin pipe vertical flue length (equivalent)	15 m (plus terminal)

Flues and Fittings

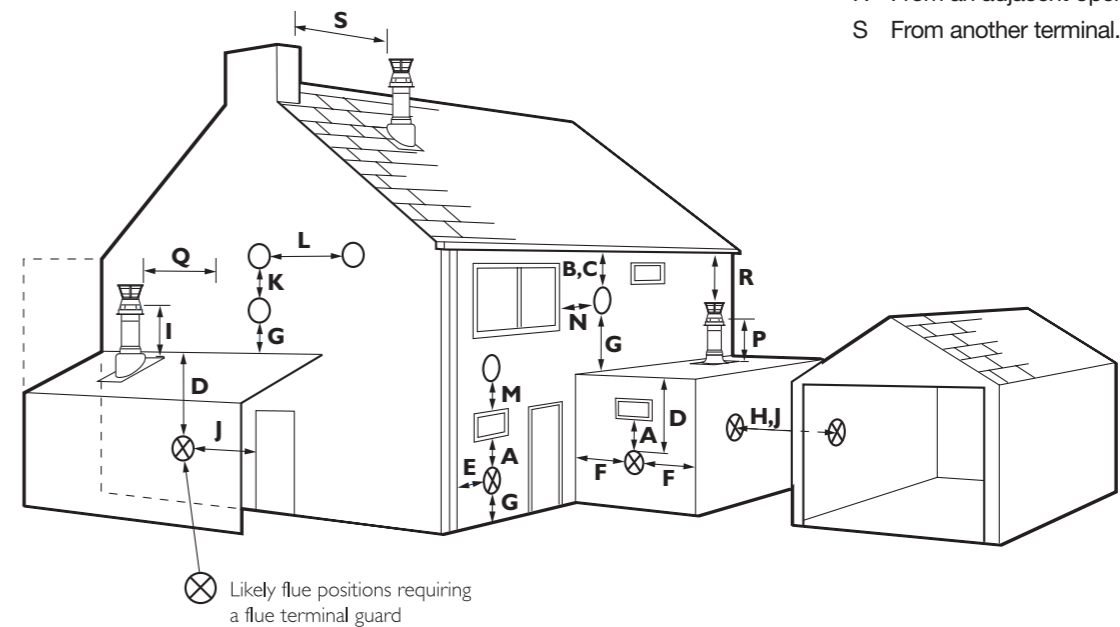
Concentric Flue Accessories	Length/Angle	Diameter	Code no.
A Standard Horizontal Concentric Flue Kit	750mm	100mm	5111073
B Concentric Flue Extension Kit	1000mm	100mm	5111074
C Concentric Flue Bend Kit	93°	100mm	5111075
D Concentric Flue Bend Kit	135°	100mm	5111076
D Concentric Flue Bend Kit (Pair)	135°	100mm	5111085
Concentric Flue Internal Fixing Kit/Wall Liner		100mm	5111067
F Concentric Flue Vertical Adaptor (Terminal)		100/125mm	5111070
Concentric Roof Cover Plate Kit		100mm	246143
Concentric Pipe Support		100mm	5111080
Twin Pipe Flue Accessories			
G Twin Pipe Extension (Pair)	1000mm	80mm	5111087
H Twin Pipe Flue Bend Kit (Pair)	90°	80mm	5111072
J Twin Pipe Flue Bend Kit (Pair)	135°	80mm	5111086
K Twin Pipe Flue Adaptor (Boiler)		80mm	5111071
L Twin Pipe Flue Adaptor (Vertical Terminal)		80/125mm	5111084
Twin Pipe Support		80mm	5111081
Universal Flue Accessories			
M Vertical Flue Terminal		125mm	5111078
N Universal Flat Roof Flashing		125mm	246144
P Universal Roof Tile	25/45°	125mm	246141
P Universal Roof Tile	35/55°	125mm	246142
Additional Accessories			
Integral 7 day Electronic Timer Kit			247207

Horizontal Flues -
minimum distance to edge of terminal. mm

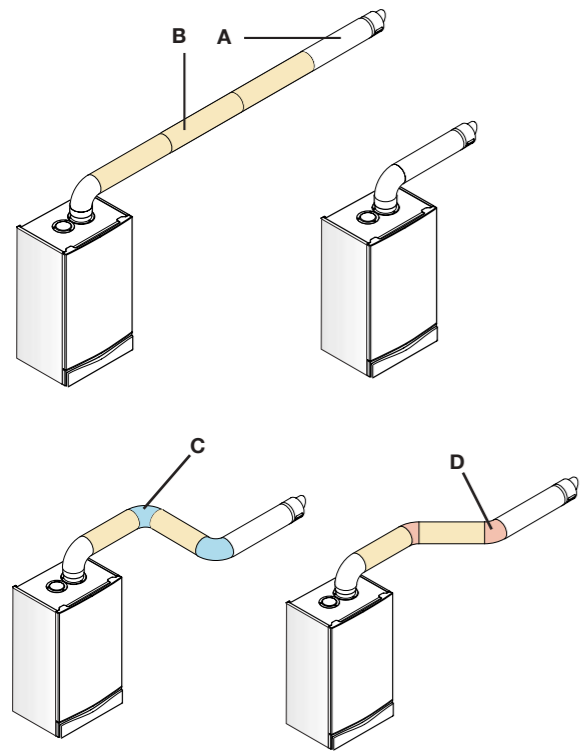
- A Directly below an openable window, air vent or any other ventilation opening. 300
- B Below gutter, drain/soil pipe. 150
- C Below eaves. 200
- D Below a balcony/carport roof. 200
- E From vertical drain pipes and soil pipes. 150
- F From internal or external corners. 300
- G Above adjacent ground or balcony level. 300
- H From a surface facing the terminal. 600
- I Facing terminals. 1200
- J From opening (door/window) in carport into dwelling. 1200
- K Vertically from a terminal on the same wall. 1500
- L Horizontally from a terminal on the same wall. 300
- M Above an opening, air brick, opening window etc. 300
- N Horizontally to an opening, air brick, opening window etc. 300

Vertical Flues -
minimum distance to edge of terminal. mm

- P Above the roof level (to base of terminal). 300
- Q From adjacent wall to flue. 300
- R From an adjacent opening window. 1000
- S From another terminal. 600



Horizontal Flues



The Baxi Platinum can be fitted with flue systems as illustrated.

The standard flue is suitable only for horizontal termination applications.

Maximum permissible equivalent flue lengths are:-

Horizontal Concentric	10 metres
Vertical Concentric	10 metres
Vertical Twin Pipe	15 metres

Any additional "in line" bends in the flue system must be taken into consideration. Their equivalent lengths are:-

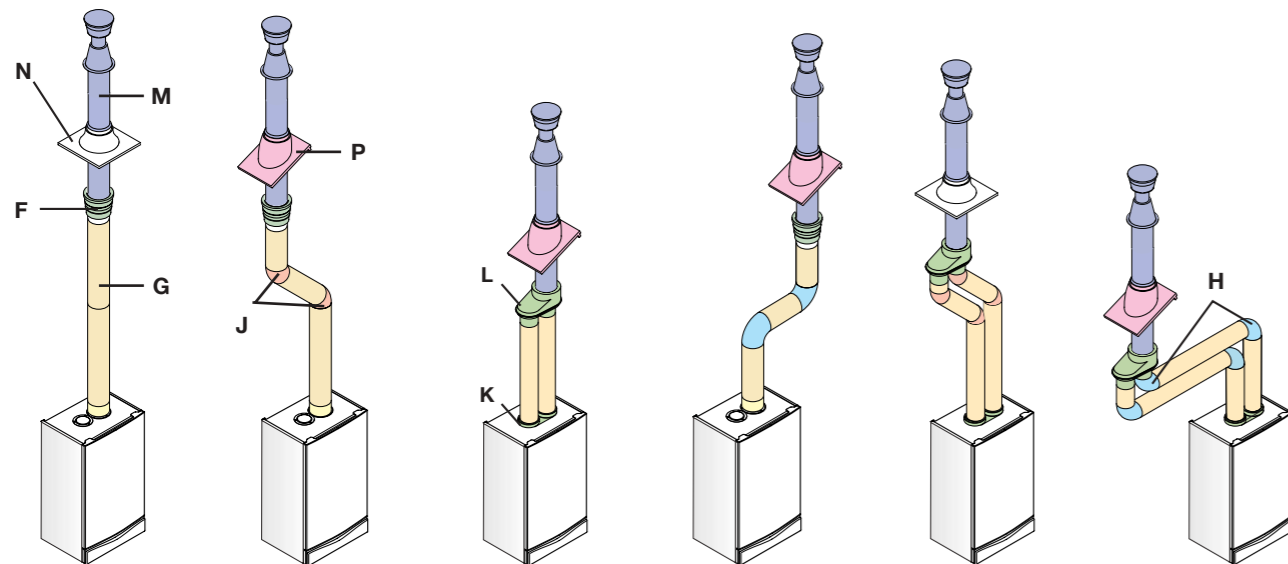
Concentric Pipes:	135° bend	0.5 metres
	93° bend	1.0 metre
Twin Flue Pipe:	135° bend	0.25 metres
	91.5° bend	0.50 metres

The elbow supplied with the boiler is not included in any equivalent length calculations.

The illustrations opposite show examples of permissible flue systems.

Instructions for guidance and fitting are included in each kit, where appropriate.

Vertical Flues (including twin pipe)



The value of training

Training provides recognised benefits to installers and manufacturers, and is at the core of the Baxi philosophy.

Training:-

- Delivers valued product knowledge and information on best practice
- Enables installers to give better advice to homeowners and to take advantage of sell up opportunities
- Keeps installers up to speed on the latest industry developments

Four centres of training excellence

- Baxi maintain four centres of training excellence – at Dartford, Glasgow, Warrington and Warwick
- Energy Efficiency courses are also held at satellite centres around the UK
- Courses typically last one day and cost from £45
- In addition to product-specific training, courses cover generic training on combi boilers, electronics, ACS, energy efficiency and more

Experienced in-house trainers

Where travel to a training centre is difficult, it is often possible to arrange training such as Energy Efficiency, at a closer location.

- Means installers will not miss out on vital training programmes
- All training is given by highly experienced personnel

Hands-on training methods

As well as keeping abreast of the latest technical and legal developments, installers benefit from hands-on training.

- Training with live appliances demonstrates the products' performance capabilities



The brilliant reward programme

Central heating installers who join this exciting new Baxi reward programme enjoy a fantastic range of benefits and special services.

Claim Bonus Direct Online points every time you buy a qualifying Baxi product, then choose online from a huge range of superb rewards. The more you buy, the more points you can claim and the more rewarding it becomes. The unique rewards collection encompasses top brands such as Tag Heuer, Bose, Philips, Pringle, Nikon and Apple.



Key extra benefits

- **Guaranteed next day service visits**
- Two year product warranties available exclusively to **Bonus Direct Online** members
- Members' FREE priority **heateam** service line
- Use points to pay for Baxi training courses
- Be the first to know about special offers and enjoy exclusive offers too
- Exclusive members' social events in your area
- Exciting new rewards added every month
- Rewards include bespoke holidays – go where you want to go



The programme is FREE to join, and it's easy to register online at www.bonusdirectonline.co.uk

The unbeatable benefits of heateam

heateam creates peace of mind with:

- Over 200 service engineers covering the whole of the UK
- Dedicated teams of Call Centre support staff
- operating 7 days a week, 363 days a year
- Full range of training courses available to all installers who install Baxi boilers

