

Reliability, efficiency and cost savings? I'll manage that for you

Introducing our new combi and system boilers



Welcome



We would like to introduce you to the new advanced THINK combustion management system, that comes as standard in all our new combi and system boilers.

It offers great new features, such as an automatic commissioning function and configuration to either LPG or natural gas*, combustion optimisation and wider modulation ranges.

This means Baxi boilers are now simpler to install, help your customers save more money on their fuel bills, offer lifetime combustion efficiency and will set a new benchmark in reliability.

The great news doesn't stop there. The Baxi Megaflo System Compact GA and the newly introduced, brand new Baxi Neta-tec Combi GA come in compact, cupboard fit dimensions** and the Baxi Duo-tec Combi GA and Baxi Platinum Combi GA boilers are now even more reliable.



With nationwide training facilities and heateam, our award-winning customer service division, winner of the Field Service category in the National Customer Service Awards 2010, and also voted number one for customer care in the UK's heating industry following the biggest ever independent call centre benchmarking exercise[†], recommending and installing a Baxi boiler has never been easier.



* Baxi Platinum Combi GA available in natural gas only

** To fit standard cupboard dimensions of 900mm x 500mm x 300mm with removal of control panel flap, excludes Baxi Megaflo System GA 32kW model † Recent UK Study carried out by independent market research company GFK mystery shopping

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A history of quality and innovation



For almost 150 years we've been developing boilers and heating solutions that are efficient, cost-effective and reliable. We have a long heritage of manufacturing and product development and we are proud to still be making boilers in the UK.

We are continually asking for feedback from installers like you, so we can develop the products you want, and for our new boilers, we have done exactly that. Using your feedback, we have retained the best features of our existing boilers and added more to make them even better. We've done over 20,000 combined weeks of testing to give you boilers with greater reliability that operate at maximum combustion efficiency throughout their entire lifetime, reducing homeowner fuel bills, and features such as the automatic commissioning function, make installation easier and simpler for you.



THINK combustion management system



At the heart of our new boilers is the THINK combustion management system – the cutting edge in boiler technology.

The system incorporates Gas Adaptive Control, an innovation that continuously monitors and optimises combustion by adjusting the gas and air mix. This allows our new Baxi boilers to deliver lifetime maximum combustion efficiency, lowering fuel bills. It also significantly lowers carbon emissions and reduces wear and tear on components, making Baxi boilers more reliable and servicing quicker and easier.

Another key feature is the wide modulation range. Just like you would change gear in a car to suit your speed, our new boilers automatically adapt their output to meet heat requirements more effectively. And ratios of up to 1:10 give improved boiler efficiency, lower fuel bills and fewer boiler ignitions. This means even less gas consumption and greater reliability.

Other features and benefits of our new range include:

- Common components learn once to fit the entire new range
- Automatic set-up to LPG or natural gas faster installation, no need for a different model or conversion kit*
- Compatible range of controls, with wired and wireless solutions to meet every installation requirement
- Service Due indicator reminds the householder to contact their installer for an annual service

* Baxi Platinum Combi GA comes in natural gas only





An overview of our new range

An at-a-glance guide to our new boilers, the key features available with each model and their benefits to you and your customers.

| | daptive Control vicker and easier installations |
|-------------------|--|
| | nodulation range duced wear and tear and greater fuel cost savings |
| | access to components icker and easier servicing |
| | nty - parts and labour* ace of mind |
| | lumbing jig easier and quicker installation |
| | pard fit (for cupboard dimensions of 900mm x 500mm x 300mm, excluding 32kW model of Baxi Megaflo System GA) xible siting |
| | ft weight sier installation |
| | ed for conversion kit or extra cost |
| | it GasSaver compatible ses boiler efficiency - saves up to 37% of the gas used to heat hot water annually, and up to 7% reduction in cold water use * * |
| | riendly controls e to use, helps improve heating and hot water performance for greater comfort |
| 9 | ycling function/Pump overun eat protection and prevention of boiler cycling |
| | protection er flexibility of siting |
| | ticking function hts pump and 3-way valve sticking - extending life |
| | system bypass tion against overheating - removes requirement for external bypass |
| Filling Suppli | loop ied as standard for ease of installation |
| | * Subject to registration and an annual service by any Gas Safe registered installer * * Compared to a SEDBUK (2005) >90% rated high efficiency boiler |



| Baxi Platinum Combi GA | Baxi Duo-tec Combi GA | Baxi Neta-tec Combi GA | Baxi Megaflo System Compact GA |
|------------------------|-----------------------|------------------------|-----------------------------------|
| • | ٠ | ٠ | ٠ |
| 1:10 | 1:7 | 1:5 | 1:7 |
| ٠ | ٠ | ٠ | ٠ |
| Five years | Two years | Two years | Two years |
| ٠ | • | ٠ | • |
| | | ٠ | ٠ |
| | | ٠ | • |
| | ٠ | ٠ | • |
| ٠ | • | ٠ | • |
| ٠ | ٠ | ٠ | ٠ |
| ٠ | ٠ | ٠ | ٠ |
| ٠ | ٠ | ٠ | ٠ |
| ٠ | • | ٠ | • |
| ٠ | • | ٠ | ٠ |
| ٠ | ٠ | • | ٠ |

Baxi Solo Heat Only boilers are still available to purchase without the THINK combustion management system. See page 36 for further information.





Baxi Platinum Combi GA

Our top of the range combi boiler, the Baxi Platinum Combi GA offers fantastic reliability, improved energy efficiency and a 5 year parts and labour warranty, along with a host of other new benefits.

The exceptional 1:10 modulation range allows the Baxi Platinum Combi GA to automatically adapt its output to suit the home's heat requirements much more effectively, reducing wear and tear on parts which makes servicing quicker and easier, and prolongs the life of the boiler.

With a wide range of outputs up to 40kW and class leading hot water flow rates the Baxi Platinum Combi GA suits even the most demanding of homes. The Baxi Platinum Combi GA will continue to be in demand from homeowners as it lowers fuel bills, lowers carbon emissions and offers exceptional efficiency and reliability.



i THINK Controller

The i THINK controller comes supplied with the Baxi Platinum Combi GA and is the most intelligent boiler control available in our range. It works flexibly to suit your customer's needs either as a boiler control or a highly efficient room sensor**. There are three main ways of using the controller as detailed on page 11; which option you use is totally dependent on your customer's requirements.

Despite the advancements in technology, the i THINK controller is still very simple to use. The wide, backlit LCD display is easy to read and although all functions can be accessed through the controller, there is an easy menu which allows customers to adjust the temperature without impacting saved settings.

Is it for my customer?

Fully modulating pumps reduce the amount of electricity used by the boiler by up to 40% annually - saving your customers money.

PLATINUM





Features and benefits

- 5 year parts and labour warranty*
- Intelligent, removable** i THINK controller as standard
- Flow rates of up to 16.4 l/min ensure homeowners hot water needs can be met
- All the key features of the THINK combustion management system including: Gas Adaptive Control for optimum combustion performance, pre-plumbing jig for faster installation and anti-cycling function / pump overrun for overheat protection and anti-boiler cycling
- The fully modulating pump reduces electricity consumption by up to 40% annually, significantly reducing electricity bills and noise in the system
- Frost protection for greater flexibility of siting
- Best in class modulation ratio 1:10 even smoother operation, greater reliability and lower fuel bills

* Subject to registration and an annual service by any Gas Safe registered installer ** When the i THINK controller is used as a modulating room sensor a receiver is required



Baxi Platinum Combi GA controls

In October 2010 the Building Regulations changed to reflect Government requirements for improved home energy efficiency. As a result, all new heating installations must have time and temperature control.

The Baxi Platinum Combi GA has a range of advanced, intelligent controls which are flexible to perfectly suit your customers' lifestyle and heat requirements.

i THINK controller

- Comes supplied with the Baxi Platinum Combi GA
- Service Due function programme your contact details into the controller to ensure customers can easily get in touch to book their service
- Simple to use menus and clear, backlit visual display allow your customers to effectively and efficiently heat their home
- Up to three on/off periods in every 24 hours to match your customers' lifestyles

5 LED wireless receiver (#720026201)

- Comes complete with cradle to use the i THINK controller as a programmable room sensor
- Can take the place of the i THINK controller within the Baxi Platinum Combi GA, to enable the i THINK controller to be used wirelessly elsewhere in the home

Room sensor (#720818401)

- Accurately measures the room temperature to ensure the Baxi Platinum Combi GA is heating your customers' homes efficiently
- Constantly communicates with the boiler, relaying room temperature and controlling it within $\pm\,0.5\,{\rm C}$
- Works as a direct replacement for old fashioned thermostats

Baxi weather sensor (#720103001)

- Monitors the outside temperature and adjusts the boiler's flow temperature to reflect weather conditions, increasing comfort levels in the home and improving efficiency
- Easy to install, there is no need for servicing or maintenance

| Item description | Compatible range | Sales Code |
|--|------------------------|------------|
| Baxi Platinum Combi GA LED receiver wireless 5 LED | Baxi Platinum Combi GA | 720026201 |
| Baxi Platinum Combi GA room sensor wired | Baxi Platinum Combi GA | 720818401 |
| Baxi wired weather sensor | Baxi Platinum Combi GA | 720103001 |

When sited in the boiler, the i THINK controller can be used with an existing thermostat (1A) or with a Baxi room sensor (1B) to control heating.



Option 2 - siting the i THINK controller remotely

When sited remotely, the LED receiver takes the place of the i THINK controller in the boiler, allowing the i THINK controller to programme heating temperatures and timings.



Option 3 - including the Baxi wired weather sensor

In addition to Option 1 & 2, a Baxi weather sensor can be fitted outside to allow the boiler to adjust to reflect external weather conditions.





Baxi Platinum Combi GA

Key components and fitting dimensions



5mm Min 5mm Min A 175mm Min (300mm Min if using 80/125m flueing system) 106mm 763mm BAN 150mm Min V At least 1.5° 450mm Min For servicing purposes 5mm Min 345mm In operation

- 1. Expansion Vessel
- 2. Expansion Vessel Valve
- 3. Flue Adaptor
- 4. Drip Tray
- 5. Isothermic Primary Heat Exchanger
- 6. Combustion Box Cover and Pre-mix Burner
- 7. Spark Electrode

- 8. Flame Sensing Electrode
- 9. Air / Gas Collector (Venturi)
- 10. Fan Assembly
- 11. Diverter Valve Motor
- 12. Modulating Circulation Pump
- 13. Gas Valve
- 14. Safety Pressure Relief Valve
- 15. Pressure Gauge
- 16. Electrical Connections
- 17. i THINK Controller

*355mm with flap

Technical specifications

| | | Platinum Combi 28 GA | Platinum Combi 33 GA | Platinum Combi 40 (|
|---|-----------------------|-------------------------|-------------------------|------------------------|
| Sales Code | Boiler only | 720024101 | 720024201 | 720024301 |
| Sales Code | Std. Flue | 720870201 | 720870201 | 720870201 |
| | Boiler with Std. Flue | 720895901 | 720896001 | 720896101 |
| | | | | |
| User adjustable DHW temperature | | Yes | Yes | Yes |
| User adjustable CH temperature | | Yes | Yes | Yes |
| LCD Control Panel Temp / Status / Fault Diagnosis Display | | Yes | Yes | Yes |
| Performance | | | | |
| Heat Output CH | kW (Max) | 24 | 28 | 32 |
| | kW (Min) | 2.4 | 2.8 | 4 |
| Heat Output DHW | Output - kW (Max) | 28 | 33 | 40 |
| Maximum DHW Flow Rate (Delta T @ 35° Max) | I/min | 11.5 | 13.5 | 16.4 |
| Minimum DHW Flow Rate Required | I/min | 2 | 2 | 2 |
| Minimum Operating DHW Pressure Required | bar | 0.15 | 0.15 | 0.15 |
| SEDBUK 2005 Seasonal Efficiency NG | % | 91.1 | 91.1 | 91.1 |
| SEDBUK 2009 Seasonal Efficiency NG | % | 89.0 | 89.0 | 88.9 |
| NOx Class (5 being lowest) | 1 - 5 | 5 | 5 | 5 |
| NOx Emission | mg/kW/h | 27 | 34 | 31.5 |
| CO Emission | mg/kW/h | 17.1 | 14.2 | 14.6 |
| Gas | | | | |
| Gas Supply Pipe Size | (mm) | 22 | 22 | 22 |
| Nominal Gas Inlet Pressure | (mbar) | 20 | 20 | 20 |
| Maximum Gas Rate (NG after 10 mins) | m³/hr | 3.0 | 3.5 | 4.2 |
| Electrical | | | | |
| Electrical Supply | Volts / Hz | 230V / 50Hz | 230V / 50Hz | 230V / 50H |
| Permanent Live Required | Yes / No | Yes | Yes | Yes |
| Electrical Cable Required | (Core) | 3 x 0.75 | 3 x 0.75 | 3 x 0.75 |
| Power Consumption | Watts | 135 | 145 | 140 |
| External Fuse Rating | Amps | 3 | 3 | 3 |
| Boiler IPX Rating | Approval Category | IPX5D | IPX5D | IPX5D |
| Mechanical & Hydraulic Connections | TT | | | |
| CH Flow / Return Pipe Size | (mm) | 22 | 22 | 22 |
| DHW Flow / Inlet / PRV Size | (mm) | 15 | 15 | 15 |
| Condensate Discharge Pipe Size | (mm) | 21.5 | 21.5 | 21.5 |
| Installation | () | 2110 | 2110 | 2110 |
| 24 hr Pump Exercise | | Yes | Yes | Yes |
| Pump Overrun | | Yes | Yes | Yes |
| System Filling Loop | | Standard | Standard | Standard |
| Integral System Pump | | Modulating | Modulating | Modulating |
| Integral 'Boiler Only' Frost Thermostat | | Yes | Yes | Yes |
| Pre-plumb Jig Available | | Yes | Yes | Yes |
| Stand off Bracket (Optional) | | Yes | Yes | Yes |
| Installer Lift Weight | Max (kg) | 36 | 38 | 39 |
| Flue Systems | man (ng) | | | 07 |
| Max Horizontal Ø60/100 | m | 10 | 10 | 10 |
| Max Holizontal 600/100 Max Vertical Ø60/100 | m | 10 | 10 | 10 |
| Max Vertical (2007) 100 Max Horizontal (2007) 125 | | 20 | 20 | 20 |
| Max Honzontal Ø80/125 Max Vertical Ø80/125 | m | 20 | 20 | 20 |
| | m | 15 | 15 | 15 |
| Twin-pipe Horizontal Ø80/80 Twin-pipe Vertical Ø80/80 | m | 15 | 15 | 15 |
| | | 10 | 10 | 15 |





Installers who are familiar with the original, awardwinning Baxi Duo-tec Combi GA will be pleased to see that we have built on the features that made it so popular.

It now boasts a wider modulation range of 1:7, providing smoother operation, to deliver even more energy efficiency and reliability. The range of outputs includes the popular 40kW model, which delivers a higher domestic hot water flow rate for larger properties.

Installers told us they found the Baxi Duo-tec Combi GA easy to service, so we have retained front access to all components and continued to feature brass hydraulics.

The new Baxi Duo-tec Combi GA is a great performer and will continue to be a firm favourite with installers and householders alike.



Compatible accessories



Baxi Duo-tec 24 hour digital programmable timer and fascia kit



Wireless 24 hour / wired and wireless 7 day programmer and room sensors



Baxi wired weather sensor



Multifit GasSaver GS1

See page 26 for further information.

Features and benefits



Is it for my customer?

A Multifit GasSaver could reduce homeowner fuel bills for hot water by up to 37% and water consumption by 7%*

- Modulation ratio 1:7 even smoother operation, greater reliability and lower fuel bills
- Automatic commissioning function quick and easy installation
- Pre-plumbing jig faster installation, system can be flushed before boiler is installed
- Gas Adaptive Control optimum combustion performance at all times, ensuring highest efficiency for the boiler's lifetime and lower fuel bills for the homeowner
- Intelligent user friendly controls easier set-up for householder's comfort
- 24kW, 28kW, 33kW and 40kW outputs for different sized properties, including larger homes
- Anti-cycling function / Pump overun overheat protection and prevention of boiler cycling
- Two speed pump reduces electricity consumption by up to 40% annually, significantly reducing fuel bills
- Frost protection for greater flexibility of siting

^{*} Test conducted by independent scientific test house, TNO, Calculation based on an average household's consumption of 100 litres of hot water per day. Results were based on a comparison of a SEDBUK (2005) >90% rated high efficiency boiler versus a high efficiency boiler and GasSaver.





Baxi Duo-tec Combi GA

Key components and fitting dimensions





- 1. Expansion Vessel
- 2. Drip Tray
- 3. Primary Heat Exchanger
- 4. Combustion Box Cover and Burner
- 5. Spark Electrode
- 6. Flame Sensing Electrode
- 7. Air / Gas Collector (Venturi)

- 8. Fan Assembly
- 9. Diverter Valve Motor
- 10. Circulation Pump
- 11. Gas Valve
- 12. Safety Pressure Relief Valve
- 13. Pressure Gauge
- 14. Electrical Connections
- 15. Concealed Controls

*355mm with flap

Technical specifications

| | | Duo-tec Combi 24 GA | Duo-tec Combi 28 GA | Duo-tec Combi 33 GA | Duo-tec Combi 40 GA |
|--|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Sales Code · | Boiler only Std. Flue | 720117801 720598701 | 720118001 720598701 | 720118201 720598701 | 720118401 720598701 |
| Controls | | | | | |
| Concealed User Controls | | Yes | Yes | Yes | Yes |
| User adjustable DHW temperature | | Yes | Yes | Yes | Yes |
| User adjustable CH temperature | | Yes | Yes | Yes | Yes |
| LCD Control Panel Temp / Status / Fault Diagnosis Display | | Yes | Yes | Yes | Yes |
| Performance | | | | | |
| | kW (Max) | 20 | 24 | 28 | 33 |
| Heat Output CH | kW (Min) | 3.4 | 3.8 | 4.7 | 5.7 |
| Heat Output DHW | Output - kW (Max) | 24 | 28 | 33 | 40 |
| Maximum DHW Flow Rate (Delta T @ 35° Max) | l/min | 9.8 | 11.5 | 13.5 | 16.4 |
| Minimum DHW Flow Rate Required | l/min | 2 | 2 | 2 | 2 |
| Minimum Operating DHW Pressure Required | bar | 0.15 | 0.15 | 0.15 | 0.15 |
| SEDBUK 2005 Seasonal Efficiency NG / LPG | % | 91.1 / 93.2 | 91.1 / 93.2 | 91.1 / 93.2 | 91.1 / 93.2 |
| SEDBUK 2009 Seasonal Efficiency NG / LPG | % | 88.9 / 91.0 | 89.0 / 91.0 | 89.0 / 90.9 | 88.9 / 90.9 |
| NOx Class (5 being lowest) | 1 - 5 | 5 | 5 | 5 | 5 |
| NOx Emission | mg/kW/h | 16.1 | 19.3 | 17 | 26.5 |
| CO Emission | mg/kW/h | 5.1 | 8 | 7.5 | 22.8 |
| Gas | ing/ kw/ ii | 0.1 | 0 | 7.0 | 22.0 |
| Gas Supply Pipe Size | (mm) | 22 | 22 | 22 | 22 |
| NG & LPG (Propane) Compatible (single product) | (1111) | Yes | Yes | Yes | Yes |
| Nominal Gas Inlet Pressure | NG / LPG (mbar) | 20 / 37 | 20 / 37 | 20 / 37 | 20 / 37 |
| Maximum Gas Rate (NG / Propane) after 10 mins | m³/hr | 2.5 / 1.92 | 3.0 / 2.25 | 3.5 / 2.64 | 4.2 / 3.06 |
| Electrical | 111 / 111 | 2.37 1.72 | 5.07 2.25 | 3.37 2.04 | 4.27 3.00 |
| Electrical Supply | Volts / Hz | 230V / 50Hz | 230V / 50Hz | 230V / 50Hz | 230V / 50Hz |
| Permanent Live Required | | Yes | Yes | Yes | Yes |
| Electrical Cable Required | (Core) | 3 x 0.75 | 3 x 0.75 | 3 x 0.75 | 3 x 0.75 |
| Power Consumption | Watts | 104 | 116 | 133 | 142 |
| External Fuse Rating | Amps | 3 | 3 | 3 | 3 |
| Boiler IP Rating | Approval Category | IPX5D | IPX5D | IPX5D | IPX5D |
| Mechanical & Hydraulic Connections | | | | | |
| CH Flow / Return Pipe Size | (mm) | 22 | 22 | 22 | 22 |
| DHW Flow / Inlet / PRV Size | (mm) | 15 | 15 | 15 | 15 |
| Condensate Discharge Pipe Size | (mm) | 21.5 | 21.5 | 21.5 | 21.5 |
| Installation | | | | | |
| 24 hr Pump Exercise | | Yes | Yes | Yes | Yes |
| Pump Overrun | | Yes | Yes | Yes | Yes |
| System Filling Loop | | Standard | Standard | Standard | Standard |
| Integral System Pump | | 2 Speed | 2 Speed | 2 Speed | 2 Speed |
| Integral 'Boiler Only' Frost Thermostat | | Yes | Yes | Yes | Yes |
| Pre-plumb Jig Available | | Yes | Yes | Yes | Yes |
| Stand off Bracket (Optional) | | Yes | Yes | Yes | Yes |
| Installer Lift Weight | Max (kg) | 36 | 36 | 38 | 39 |
| | | | | 50 | |
| Ellie Systems | m | 10 | 10 | 10 | 10 |
| Flue Systems Max Horizontal Ø60/100 | | 10 | 10 | 10 | 10 |
| Max Horizontal Ø60/100 | m | | 10 | 10 | 10 |
| Max Horizontal Ø60/100 Max Vertical Ø60/100 | m | | 20 | 20 | 20 |
| Max Horizontal Ø60/100 Max Vertical Ø60/100 Max Horizontal Ø80/125 | m | 20 | 20 | 20 | 20 |
| Max Horizontal Ø60/100 Max Vertical Ø60/100 Max Horizontal Ø80/125 Max Vertical Ø80/125 | m m | 20 20 | 20 | 20 | 20 |
| Max Horizontal Ø60/100 Max Vertical Ø60/100 Max Horizontal Ø80/125 | m | 20 | | | |





Baxi Neta-tec Combi GA

The Baxi Neta-tec Combi GA is the latest addition to the Baxi range. With its cupboard fit dimensions*, the Baxi Neta-tec Combi GA offers more flexible and discreet siting.

It comes with the THINK combustion management system as standard. With Gas Adaptive Control the boiler adjusts for continuous optimum combustion, providing maximum energy efficiency for the lifetime of the boiler and lower whole life cost.

The modulation range of 1:5 means fewer ignitions, lower fuel bills and greater reliability.

Its compact dimensions and low lift weight make the Baxi Neta-tec Combi GA the perfect choice for homes where space may be limited.



Compatible accessories



Baxi Neta-tec 24 hour digital programmable timer and fascia kit



Baxi wired weather sensor



Wireless 24 hour / wired and wireless 7 day programmer and room sensors



Multifit GasSaver Compact GS1c

See page 26 for further information.

Features and benefits



Is it for my customer?

The intelligent Baxi programmable room sensors give flexible heating and hot water settings to suit all lifestyles and can aid in saving energy and reducing fuel bills.

- Modulation ratio 1:5 fewer ignitions, greater reliability and lower fuel bills
- Cupboard fit dimensions* space saving and discreet siting
- Low lift weight for easier handling, the 33kW model weighs just 36 kg
- Pre-plumbing jig faster installation, system can be flushed before the boiler is installed
- Automatic commissioning function quick and easy installation
- Gas Adaptive Control optimum combustion performance at all times, ensuring best combustion efficiency for the boiler's lifetime, and lower fuel bills for the homeowner
- Two speed pump reduces electricity consumption by up to 40% annually, significantly reducing fuel bills
- User friendly controls easier setup for the homeowner's comfort
- 24kW, 28kW and 33kW outputs for different sized properties

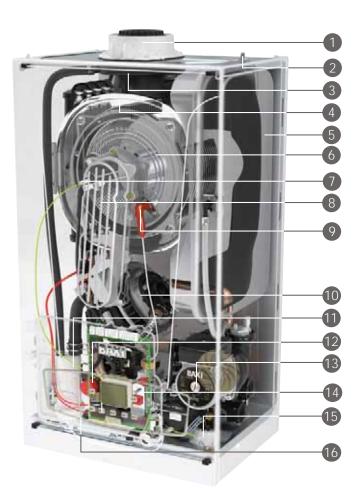
 * To fit standard cupboard dimensions of 900mm \times 500mm \times 300mm with removal of control panel flap





Baxi Neta-tec Combi GA

Key components and fitting dimensions



- 1. Flue Adaptor
- 2. Expansion Vessel Valve
- 3. Drip Tray
- 4. Primary Heat Exchanger
- 5. Expansion Vessel
- 6. Combustion Box Cover and Burner
- 7. Spark Electrode

- 8. Air / Gas Collector (Venturi)
- 9. Flame Sensing Electrode
- 10. Fan Assembly
- 11. Condensate Trap
- 12. Safety Pressure Relief Valve
- 13. Circulation Pump
- 14. Gas Valve
- 15. Pressure Gauge
- 16. Electrical Connections





* 300mm with flap

Technical specifications

| | | Neta-tec Combi 24 GA | Neta-tec Combi 28 GA | Neta-tec Combi 33 G |
|---|-------------------------------------|-------------------------|-------------------------|------------------------|
| | Boiler only | 720023001 | 720023101 | 720023201 |
| Sales Code | Baxi Neta-tec Combi GA Std. Flue | 720870201 | 720870201 | 720870201 |
| | Boiler with Std. Flue | 720861201 | 720861301 | 720861401 |
| Controls | | | | |
| Concealed User Controls | | Yes | Yes | Yes |
| User adjustable DHW temperature | | Yes | Yes | Yes |
| User adjustable CH temperature | | Yes | Yes | Yes |
| LCD Control Panel Temp / Status / Fault Diagnosis Display | | Yes | Yes | Yes |
| Performance | | | | |
| Heat Output CH | kW (Max) | 20 | 24 | 28 |
| Heat Output CH | kW (Min) | 3.4 | 3.8 | 4.7 |
| Heat Output DHW | Output - kW (Max) | 24 | 28 | 33 |
| Maximum DHW Flow Rate (Delta T @ 35º Max) | l/min | 9.8 | 11.5 | 13.5 |
| Minimum DHW Flow Rate Required | l/min | 2 | 2 | 2 |
| Minimum Operating DHW Pressure Required | bar | 0.15 | 0.15 | 0.15 |
| SEDBUK 2005 Seasonal Efficiency NG / LPG | % | 91.1 / 93.2 | 91.1 / 93.2 | 91.1 / 93.2 |
| SEDBUK 2009 Seasonal Efficiency NG / LPG | % | 88.9 / 91.0 | 89.0 / 91.0 | 89.0 / 90.9 |
| NOx Class (5 being lowest) | 1 - 5 | 5 | 5 | 5 |
| NOx Emission | mg/kW/h | 16.1 | 19.3 | 17 |
| CO Emission | mg/kW/h | 5.1 | 8 | 7.5 |
| Gas | | | | |
| Gas Supply Pipe Size | (mm) | 22 | 22 | 22 |
| NG & LPG (Propane) Compatible (single product) | | Yes | Yes | Yes |
| Nominal Gas Inlet Pressure | NG / LPG (mbar) | 20 / 37 | 20 / 37 | 20 / 37 |
| Maximum Gas Rate (NG / Propane) after 10 mins | m³/hr | 2.5 / 1.92 | 3.0 / 2.25 | 3.5 / 2.64 |
| Electrical | | | | |
| Electrical Supply | Volts / Hz | 230V / 50Hz | 230V / 50Hz | 230V / 50Hz |
| Permanent Live Required | | Yes | Yes | Yes |
| Electrical Cable Required | (Core) | 3 x 0.75 | 3 x 0.75 | 3 x 0.75 |
| Power Consumption | Watts | 104 | 116 | 133 |
| External Fuse Rating | Amps | 3 | 3 | 3 |
| Boiler IP Rating | Approval Category | IPX5D | IPX5D | IPX5D |
| Mechanical & Hydraulic Connections | | | | |
| CH Flow / Return Pipe Size | (mm) | 22 | 22 | 22 |
| DHW Flow / Inlet / PRV Size | (mm) | 15 | 15 | 15 |
| Condensate Discharge Pipe Size | (mm) | 21.5 | 21.5 | 21.5 |
| Installation | | | | |
| 24 hr Pump Exercise | | Yes | Yes | Yes |
| Pump Overrun | | Yes | Yes | Yes |
| System Filling Loop | | Standard | Standard | Standard |
| Integral System Pump | | 2 Speed | 2 Speed | 2 Speed |
| Integral 'Boiler Only' Frost Thermostat | | Yes | Yes | Yes |
| Pre-plumb Jig Available | | Yes | Yes | Yes |
| Stand off Bracket (Optional) | | Yes | Yes | Yes |
| Installer Lift Weight | Max (kg) | 34 | 34 | 36 |
| Flue Systems | | | | |
| Max Horizontal Ø60/100 | m | 10 | 10 | 10 |
| Max Vertical Ø60/100 | m | 10 | 10 | 10 |
| Max Horizontal Ø80/125 | m | 20 | 20 | 20 |
| Max Vertical Ø80/125 | m | 20 | 20 | 20 |
| Twin-pipe Horizontal Ø80/80 | m | 15 | 15 | 15 |
| Twin-pipe Vertical Ø80/80 | m | 15 | 15 | 15 |
| Plume Management Kit (Max length) | m | 8 | 8 | 8 |





Baxi Megaflo System Compact GA

An established favourite, we have added the THINK combustion management system to the Baxi Megaflo's high efficiency and environmental credentials and given it cupboard fit* dimensions to produce a system boiler for the future.

The Baxi Megaflo System Compact GA comes with Gas Adaptive Control, which constantly monitors gas and oxygen levels and adapts itself for optimum combustion efficiency. With its modulation range of 1:7, you can install it knowing it will operate smoothly, efficiently and reliably, giving your customer reduced fuel bills and greater peace of mind.

And we have added a 12kW output to the range, making it the perfect choice for well insulated, modern homes. The Baxi Megaflo System Compact GA is compatible with the Megaflo Eco hot water cylinder, the Megaflo Eco Solar cylinder and Baxi Solarflo solar thermal range.



Compatible products and accessories



Baxi Solarflo solar thermal range

Multifit GasSaver Compact GS1c



Baxi Megaflo Eco Solar cylinder

See page 26 for further information on the Multifit GasSaver

See page 37 for further information on the Solarflo solar thermal range

Features and benefits



Is it for my customer?

Using a modulating room sensor could reduce your customers heating bills by up to 10%[†]

- Modulation ratio 1:7 even smoother operation, greater reliability and lower fuel bills
- Cupboard fit dimensions* space saving and discreet siting
- Lower lift weight easier handling, between 32.5 and 37.5kg dependent on model
- Auto-commissioning quick and easy installation
- Pre-plumbing jig faster installation, system can be flushed before boiler is installed
- Gas Adaptive Control optimum combustion performance at all times, ensuring highest efficiency for the boiler's lifetime and lower fuel bills for the customer
- User friendly controls easier setup for householder's comfort
- Compatible with low carbon technologies
- 12kW, 15kW, 18kW, 24kW, 28kW and 32kW outputs – for different sizes and types of property

 * To fit standard cupboard dimensions of 900mm x 500mm x 300mm with removal of control panel flap, excludes 32kW model

† Source: www.energysavingtrust.org.uk

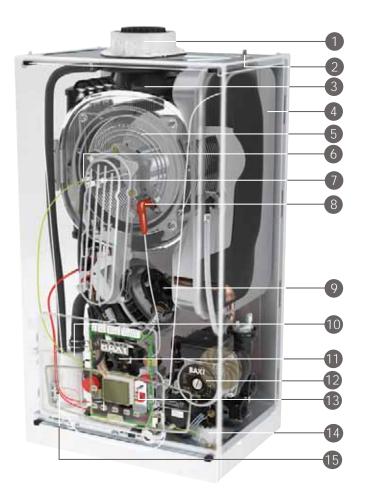




Baxi Megaflo System Compact GA

5mm Min

Key components and fitting dimensions



(450mm - 32kW model) 175mm Min (300mm Min if using 80/125mm flueing system) Please refer to 162mm the Installation Instructions for the 32kW model flue 106mm position 700mm (763mm -32kW model) BANK 150mm Min ¥ At least 1.5° 450mm Min For servicing purposes 5mm Min In operation (345mm - 32kW model)

390mm

5mm Min

- 1. Flue Adaptor
- 2. Expansion Vessel Valve
- 3. Drip Tray
- 4. Expansion Vessel
- 5. Combustion Box Cover and Burner
- 6. Spark Electrode

- 7. Air / Gas Collector (Venturi)
- 8. Flame Sensing Electrode
- 9. Fan Assembly
- 10. Condensate Trap
- 11. Safety Pressure Relief Valve
- 12. Circulation Pump
- 13. Gas Valve
- 14. Pressure Gauge
- 15. Electrical Connections

*300mm and 355mm (32kW) with control panel flap

Technical specifications

| | | Megaflo System Compact 12 GA | Megaflo System Compact 15 GA | Megaflo System Compact 18 GA | Megaflo System Compact 24 GA | Megaflo System Compact 28 GA | Megaflo System 32 GA |
|--|----------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|----------------------------|
| Sales Code | Boiler only | 720118501 | 720118601 | 720118701 | 720118901 | 720119101 | 720119201 |
| | Std. Flue | 720598701 | 720598701 | 720598701 | 720598701 | 720598701 | 720598701 |
| Controls | | | | | | | |
| Concealed User Controls | | Yes | Yes | Yes | Yes | Yes | Yes |
| User adjustable CH temperature | | Yes | Yes | Yes | Yes | Yes | Yes |
| LCD Control Panel Temp / Status / Fault Diagnosis Display | | Yes | Yes | Yes | Yes | Yes | Yes |
| Performance | | | | | | | |
| | kW (Max) | 12 | 15 | 18 | 24 | 28 | 32 |
| Heat Output CH - | kW (Min) | 2 | 2.1 | 2.5 | 3.4 | 4 | 4.6 |
| SEDBUK 2005 Seasonal Efficiency NG / LPG | % | 91.1 / 93.2 | 91.1 / 93.2 | 91.1 / 93.2 | 91.1 / 93.2 | 91.1 / 93.2 | 91.1 / 93.2 |
| SEDBUK 2009 Seasonal Efficiency NG / LPG | % | 89.1 / 91.1 | 89.0 / 91.0 | 89.0 / 91.0 | 89.0 / 91.0 | 89.0 / 91.0 | 89.0 / 91.0 |
| NOx Class (5 being lowest) | 1 - 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| NOx Emission | mg/kW/h | 23.6 | 15.2 | 29.2 | 16.1 | 17.9 | 30.7 |
| CO Emission | mg/kW/h | 1.7 | 2.3 | 5.9 | 5.1 | 8.4 | 22.8 |
| Gas | - | | | | | | |
| Gas Supply Pipe Size | (mm) | 22 | 22 | 22 | 22 | 22 | 22 |
| NG & LPG (Propane) Compatible (single product) | | Yes | Yes | Yes | Yes | Yes | Yes |
| Nominal Gas Inlet Pressure | NG / LPG (mbar) | 20 / 37 | 20 / 37 | 20 / 37 | 20 / 37 | 20 / 37 | 20 / 37 |
| Maximum Gas Rate (NG / Propane after 10 mins) | m³/hr | 1.3 / 0.93 | 1.6 / 1.17 | 1.9 / 1.4 | 2.5 / 1.86 | 3.0 / 2.18 | 3.4 / 2.49 |
| Electrical | | | | | | | |
| Electrical Supply | Volts / Hz | 230V / 50Hz | 230V / 50Hz |
| Permanent Live Required | | Yes | Yes | Yes | Yes | Yes | Yes |
| Electrical Cable Required | (Core) | 3 x 0.75 | 3 x 0.75 |
| Power Consumption | Watts | 110 | 108 | 125 | 104 | 135 | 132 |
| External Fuse Rating | Amps | 3 | 3 | 3 | 3 | 3 | 3 |
| Boiler IPX Rating | Approval Category | IPX5D | IPX5D | IPX5D | IPX5D | IPX5D | IPX5D |
| Mechanical & Hydraulic Connections | 5,5 | | | | | | |
| CH Flow / Return Pipe Size | (mm) | 22 | 22 | 22 | 22 | 22 | 22 |
| Condensate Discharge Pipe Size | (mm) | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 |
| Installation | | | | | | | |
| 24 hr Pump Exercise | | Yes | Yes | Yes | Yes | Yes | Yes |
| Pump Overrun | | Yes | Yes | Yes | Yes | Yes | Yes |
| Integral System Pump | | 2 Speed | 2 Speed |
| Integral 'Boiler Only' Frost Thermostat | | Yes | Yes | Yes | Yes | Yes | Yes |
| Pre-plumb Jig Available | | Yes | Yes | Yes | Yes | Yes | Yes |
| Stand off Bracket (Optional) | | Yes | Yes | Yes | Yes | Yes | Yes |
| Installer Lift Weight | Max (kg) | 32.5 | 32.5 | 32.5 | 32.5 | 34.5 | 37.5 |
| Flue Systems | | | | | | | |
| Max Horizontal Ø60/100 | m | 10 | 10 | 10 | 10 | 10 | 10 |
| Max Vertical Ø60/100 | m | 10 | 10 | 10 | 10 | 10 | 10 |
| Max Horizontal Ø80/125 | m | 20 | 20 | 20 | 20 | 20 | 20 |
| Max Vertical Ø80/125 | m | 20 | 20 | 20 | 20 | 20 | 20 |
| Twin-pipe Horizontal Ø80/80 | m | 15 | 15 | 15 | 15 | 15 | 15 |
| Twin-pipe Vertical Ø80/80 | m | 15 | 15 | 15 | 15 | 15 | 15 |
| Plume Management Kit (Max length) | m | 8 | 8 | 8 | 8 | 8 | 8 |



Accessories



The next generation of Baxi boilers deserve state of the art controls and accessories. We've introduced sensors that monitor internal and external temperatures so the boiler can adjust its output to perfectly suit the home's heat requirement, and an external boiler PRV and condensate discharge pump, which removes the need for additional pipework. Fitting Baxi has never been easier.

To find out more about the Baxi Platinum Combi GA range of controls see page 10.

Multifit optional accessories

| Item description | Compatible range | Sales Code |
|--|--|---------------|
| Baxi plug-in 24 hour timer - standard (Duo-tec) | Baxi Duo-tec Combi GA | 720645201 |
| Baxi plug-in 24 hour timer - compact (Neta-tec) | Baxi Neta-tec Combi GA | 720818201 |
| Baxi programmable 24 hour wireless sensor (single channel) | Baxi Neta-tec Combi GA & Baxi Duo-tec Combi GA | 720644901 |
| Baxi programmable 7 day wired sensor (2 channel) | Baxi Neta-tec Combi GA & Baxi Duo-tec Combi GA | 720644701 |
| Baxi programmable 7 day wireless sensor (2 channel) | Baxi Neta-tec Combi GA & Baxi Duo-tec Combi GA | 720644801 |
| Baxi wired weather sensor | Baxi Neta-tec Combi GA, Baxi Duo-tec Combi GA & Baxi Platinum Combi GA | 720103001 |
| Baxi wireless weather sensor | Baxi Platinum Combi GA | 720228601 |
| Multifit GasSaver GS1 | Baxi Duo-tec Combi GA, Baxi Platinum Combi GA & Baxi Megaflo System 32 GA | 720056901 |
| Multifit (Compact) GasSaver GS1c | Baxi Neta-tec Combi GA & Baxi Megaflo System Compact GA | 720855201 |
| Multifit stand off kit - standard | Baxi Duo-tec Combi GA & Baxi Platinum Combi GA | 720648101 |
| Multifit stand off kit - compact | Baxi Neta-tec Combi GA & Baxi Megaflo System Compact GA | 720648201 |
| Multifit external boiler discharge pump (PRV & condensate) 5m Vertical head | Baxi Neta-tec Combi GA & Baxi Megaflo System Compact GA | 720648301 |
| Remote PRV Kit | Baxi Neta-tec Combi GA & Baxi Megaflo System Compact GA | 5121379 |



Baxi programmable 24 hour wireless sensor (#720644901)

- Compatible with the Baxi Neta-tec Combi GA and Baxi Duo-tec Combi GA
- Single channel timer and room sensor
- Easy to read, backlit LCD display
- Optimum start function learns how much time the property needs to heat up
- Night set-back function lowers room temperature at night to save energy



Baxi plug-in 24 hour timer - standard (#720645201) & compact (#720818201)

- Compatible with the Baxi Neta-tec Combi GA and Baxi Duo-tec Combi GA
- Plugs into boiler fascia for simple timer option

- Easy-to-read, backlit LCD display
- Gives the familiarity of a mechanical timer, with the simplicity of a digital control



Baxi programmable 7 day sensor - wired (#720644701) & wireless (#720644801)

- For use with the Baxi Neta-tec Combi GA and Baxi Duo-tec Combi GA
- Wired and wireless options
- Two channel timer and room sensor
- Easy to read, backlit LCD display
- Optimum start function learns how much time the property needs to heat up
- Night set-back function lowers room temperature at night to save energy

Baxi wired weather sensor (#720103001) & wireless weather sensor (#720228601)



- Monitors the outside temperature and adjusts boiler performance improving efficiency, lowering fuel bills and increasing comfort levels in the home
- Easy to install and use
- No servicing or maintenance required
- Has a recognised SAP benefit of up to 3%



Multifit GasSaver - GS1 (#720056901) & compact GS1c (#720855201)

- Compact (GS1c) for use with Baxi Neta-tec Combi GA and Baxi Megaflo System Compact GA
- Standard (GS1) for use with Baxi Duo-tec Combi GA, Baxi Platinum Combi GA and Baxi Megaflo System 32 GA
- Saves up to 37% of the gas used to heat hot water annually*
- Reduces cold water consumption by up to 7%*
- No servicing or maintenance required



Multifit external boiler discharge pump (PRV & condensate) (#720648301)

- An external pump solution
- Stores and discharges high temperature waste from a boiler's pressure relief valve avoiding the need for external pipework
- Manages condensate line waste allowing pump discharge to feed into soil pipe
- The pump has a maximum vertical head of 5 metres

* Test conducted by independent scientific test house, TNO. Calculation based on an average household's consumption of 100 litres of hot water per day. Results were based on a comparison of a SEDBUK (2005)>90% rated high efficiency boiler versus a high efficiency boiler and GasSaver.



Flue options



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 | Group N |
|--|--|------------------|------------|------------|
| Maximum permissible equivalent flue lengths for Baxi Neta-tec Combi GA, Baxi Duo-tec Combi GA, Baxi Platinum Combi GA and Baxi Megaflo System Compact GA are: | Horizontal Concentric Vertical Concentric Horizontal Twin pipe Vertical Twin Pipe Vertical Ridge Termination | 10m 10m 8m | 20m 20m | 15m 15m |
| Where inline bends are required in a flue system, | Concentric Pipes | 135° bend | 0.5m | |
| the overall length must be reduced by the following | | 93° bend | 1m | |
| amounts: | Twin Flue Pipe | 135° bend | | 0.25m |
| | | 91.5° bend | | 0.50m |

Horizontal Concentric Flues Ø 60/100mm - Multifit Flue Group A

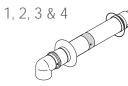
| Item | Description (Multifit) Flue System | Colour | Specification | Key & OD Dimensions | Sales Code |
|------|--|--------------------------------|-----------------|------------------------|------------|
| 1 | STD Horizontal Telescopic Flue inc. Low Profile Elbow & Fixing Screws | White pipe / White terminal | 315mm - 500mm | 60 /100mm | 720599401 |
| 2 | STD Horizontal Telescopic Flue inc. Low Profile Elbow & Fixing Screws | White pipe / Black terminal | 315mm - 500mm | 60 /100mm | 720598701 |
| 3 | STD Horizontal Telescopic Flue inc. Low Profile Elbow & Fixing Screws | White pipe / Brown terminal | 315mm - 500mm | 60 /100mm | 720642701 |
| 4 | Neta-tec Combi & Platinum Combi Horizontal Telescopic Flue Kit | White pipe / Black terminal | 315mm - 500mm | 60 /100mm | 720870201 |
| 5 | Flue Terminal Deflector | White | | 60mm | 720644201 |
| 6 | Flue Terminal Deflector | Black | | 60mm | 5111068 |
| 7 | Flue Terminal Deflector | Brown | | 60mm | 720644301 |
| 8 | 1m Flue Extension inc. Fixing Screws | White | 1000mm | 100mm | 720648801 |
| 9 | 0.5m Flue Extension inc. Fixing Screws | White | 500mm | 100mm | 720643001 |
| 10 | 0.25m Flue Extension inc. Fixing Screws | White | 250mm | 100mm | 720643101 |
| 11 | 93° Flue Bend inc. Fixing Screws | White | 93° | 100mm | 720648401 |
| 12 | 135° Flue Bend inc. Fixing Screws | White | 135° | 100mm | 720648501 |
| 13 | 135° Flue Bend inc. Fixing Screws (pair) | White | 135° | 100mm | 720647901 |
| 14 | Offset Adaptor Elbow | White | Duo-tec only | 100mm | 720635501 |
| 15 | 93° Low Profile Boiler Elbow | White | 93° | 100mm | 720550801 |
| 16 | Stainless Steel Terminal Guard - Ø 60/100 | S/S | Stainless Steel | 100mm | 720627901 |

Plume Displacement Kits Ø 60/100mm - Multifit Flue Group A

| ltem | Description (Multifit) Flue System | Colour | Specification | Key & OD Dimensions | Sales Code |
|------|--|--------|---------------|------------------------|------------|
| 17 | Plume Displacement Terminal Kit inc.1m Extension & Brackets | White | | 100mm | 720627001 |
| 18 | Plume Displacement Kit Extension & Brackets | White | 1000mm | 60mm | 720643401 |
| 19 | Plume Displacement Kit Bend | White | 93° | 60mm | 5121369 |
| 20 | Plume Displacement Kit Bend - Pair | White | 135° | 60mm | 5121370 |
| 21 | Plume Displacement Terminal Kit inc.1m Extension & Brackets | Black | | 100mm | 720622901 |
| 22 | Plume Displacement Kit Extension & 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 | Stainless Steel PDK Guard Ø 60/100 - Air Intake | S/S | | | 720644601 |

Vertical Concentric Flues Ø 60/100mm - Multifit Flue Group A

| Item | Description (Multifit) Flue System | Colour | Specification | Key & OD Dimensions | Sales Code |
|------|--|--------|---------------|------------------------|------------|
| 26 | Vertical Ridge Flue Terminal | Brown | | 100mm | 720647101 |
| 27 | Vertical Flue Terminal | Black | | 100mm | 5118576 |
| 28 | 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 |
| 29 | Pitched Roof Flashing | | 25°/50° | 125mm | 5122151 |
| 30 | Flat Roof Flashing | | | 125mm | 246144 |













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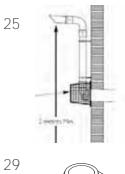


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20 & 24



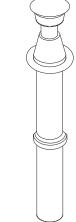




18 & 22

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Horizontal Concentric Flues Ø 80/125mm - Multifit Flue Group G

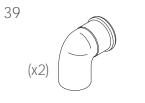
| Item | Description (Multifit) Flue System | Colour | Specification | Key & OD Dimensions | Sales Code |
|------|---|--------|------------------|------------------------|------------|
| 31 | Horizontal Flue inc. boiler and terminal adaptors | Black | | 125mm | 5118580 |
| 32 | 1m Flue Extension | White | 1000mm | 125mm | 5118584 |
| 33 | Flue Bend | White | 91.5° | 100mm | 5118588 |
| 34 | Flue Bend (Pair) | White | 135° | 100mm | 5118597 |
| 35 | Pipe Support Bracket | White | 125mm Flue Pipes | 100mm | 5118610 |

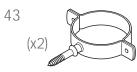
Vertical Concentric Flues Ø 80/125mm - Multifit Flue Group G

| ltem | Description (Multifit) Flue System | Colour | Specification | Key & OD Dimensions | Sales Code |
|------|---|--------|------------------|------------------------|------------|
| 36 | Vertical Flue Terminal | Black | | 125mm | 5111078 |
| 32 | 1m Flue Extension | White | 1000mm | 125mm | 5118584 |
| 33 | Flue Bend | White | 91.5° | 125mm | 5118588 |
| 34 | Flue Bend (Pair) | White | 135° | 125mm | 5118597 |
| 28 | Roof Cover Plate (see page 29 for image) | | | 125mm | 246143 |
| 37 | Flue Vertical Adaptor | White | | 100 /125mm | 5111070 |
| 29 | Pitched Roof Flashing (see page 29 for image) | | 25° / 55° | 125mm | 5122151 |
| 30 | Flat Roof Flashing (see page 29 for image) | | | 125mm | 246144 |
| 35 | Pipe Support Brackets | White | 125mm Flue Pipes | 125mm | 5118610 |









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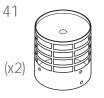


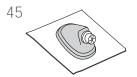






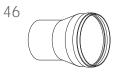












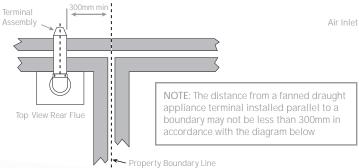
Twin Pipe Flues 80/80mm - Multifit Flue Group N

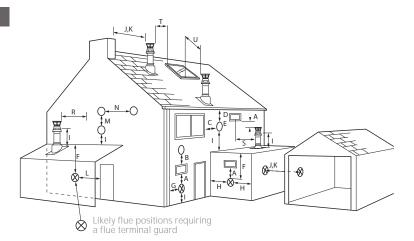
| ltem | Description (Multifit) Flue System | Colour | Specification | Key & OD Dimensions | Sales Code |
|------|--|-----------------|---------------|------------------------|------------|
| 36 | Vertical Flue Terminal | Black | | 125mm | 5111078 |
| 38 | Twin Pipe Extension (Pair inc. Brackets) | White | 1000mm | 80mm | 5111087 |
| 39 | Twin Pipe Flue Bend (Pair) | White | 90° | 80mm | 5111072 |
| 40 | Twin Pipe Flue Bend (Pair) | White | 135° | 80mm | 5111086 |
| 28 | Roof Cover Plate (see page 29 for image) | | | 125mm | 246143 |
| 41 | Twin Pipe Flue Horizontal Terminal Kit (Air & Exhaust) | Stainless steel | 575mm | 80mm | 5120172 |
| 42 | Twin Pipe Flue Adaptor (Boiler) | White | | 80 / 80mm | 720089801 |
| 43 | Twin Pipe Support (Pair) | White | | 80mm | 5111081 |
| 44 | Twin to Concentric Adaptor 80 / 80 - 80 / 125 | White | | 80 / 125mm | 5111084 |
| 29 | Pitched Roof Flashing (see page 29 for image) | | 25° / 50° | 125mm | 5122151 |
| 30 | Flat Roof Flashing (see page 29 for image) | | | 125mm | 246144 |
| 45 | Pitch Roof Flue Terminal | Black | 25° / 50° | 60mm | 720576301 |
| 46 | Pitched Roof Terminal Adaptor Kit | White | | 60-80mm | 5121792 |
| 47 | Single Flue Terminal (Air Only) | | | 80mm | 5121791 |

| | Terminal Position with Minimum Distance | (mm) |
|----------------|---|------|
| A1 | Directly below an opening, air brick, opening | |
| | windows, etc | 300 |
| B1 | Above an opening, air brick, opening window etc | 300 |
| C ¹ | Horizontally to an opening, air brick, opening window etc | 300 |
| D^2 | Below gutters, soil pipes or drain pipes | 25 |
| E ² | Below eaves | 25 |
| F ² | Below balconies or car port roof | 25 |
| G ² | From a vertical drain pipe or soil pipe | 25 |
| H2 | From an internal or external corner | 25 |
| | Above ground, roof or balcony level | 300 |
| J | From a surface or boundary line facing a terminal | 600 |
| К | From a terminal facing a terminal (Horizontal flue) | 1200 |
| | From a terminal facing a terminal (Vertical flue) | 600 |
| L | From an opening in carport (e.g. door, window) | |
| | into the dwelling | 1200 |
| Μ | Vertically from a terminal on the same wall | 1500 |
| Ν | 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) | 1000 |
| Т | 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.





Plume Displacement Kit Displacement Kit r Inlet Displacement Kit NIN.

BAXI

Industry leading aftersales support



heateam – first in the heating industry in the 2010 Top 50 Call Centres for Customer Service.

From reliable advice to excellent aftersales service, the dedicated support from **heateam** is second to none.



We're proud of our customer service, and in a recent survey* we were voted number one in the heating industry for customer care following the biggest ever independent call centre benchmarking exercise in the UK. We beat our competitors in the heating industry hands down for the things that matter to you quality of service, reliability and technical excellence.

Our customer contact centre is open 363 days a year, and with our award winning service, you know that we'll be there for you.

With over 280 Gas Safe registered engineers ready to assist you and your customers across the country, once you've installed a Baxi boiler you can rest assured that if anything ever goes wrong, it will be quickly attended to by a qualified engineer.



*Recent UK Study carried out by independent market research company GFK mystery shopping

Professional support when you need it most

Our support doesn't just start after a boiler has been installed, we want to make sure that we're there to offer you support whenever you need it.

Technical support



There's nothing worse than being with a customer and needing information there and then to finish the job. That is why we make sure that we're at the end of the phone and ready to provide you with the assistance you need.

Warranties

Once your customer has had their new Baxi boiler installed and registered their warranty, they will be protected by our standard two year warranty (or our standard five year warranty with the Baxi Platinum Combi GA). And, if they want, they can extend the warranty cover longer for added peace of mind. To make it even easier, they can register their warranty online.

Annual servicing to qualify for Baxi's standard Parts and Labour warranty can be carried out by any Gas Safe registered installer, allowing you to maintain relationships with your customers.

Aftersales service

With our award winning customer service centre and team of highly skilled Gas Safe registered field service engineers behind you, you can be sure that when you install a Baxi boiler you're backed up by a team who places as much pride in reputation, service and quality as you do.

heateam

Call us on 0844 8711525 WWW.heateam.co.uk

heateam opening hours are: Monday - Friday 8am - 6pm Saturday/Sunday 8.30am - 2pm



Our support for you



We want to support installers in as many ways as we can. From product training and aftersales advice to business support and rewarding loyalty, we're with you every step of the way.

Baxi training



Every year, we train over 8,000 installers across the UK in our dedicated and fully equipped training centres. As well as standard industry courses, we also offer free product training days on the Baxi range of boilers.

These courses are run by trainers who have many years' experience of Baxi products. The courses are very hands-on, designed to help installers understand the THINK combustion management system and boiler components and make installation, service and maintenance easier and simpler.

We've built an enviable reputation, but don't take our word for it. This is what some of our current installers say about our facilities and programmes –

"Baxi puts together programmes that are thorough and professional and keep me up to date with new technology which helps me do my job with confidence"

"I've been to a number of training courses run by manufacturers and I think Baxi's are about the best there are, with friendly trainers that really know their stuff"

To book a place on one of our free new product training days simply contact your local Baxi Area Sales Manager



Supporting you - where it matters



Welcome to a new way of building success together



works is Baxi's online business support scheme

What sets **works** apart from other schemes is that it rewards genuine two-way communication between you and Baxi, because we want to know what's important to you.

works is designed to provide real support for your business as you grow and prosper.

These are just a few of the benefits works can offer:



- FREE Gas Safe and warranty registration, saving you time and money on every installation
- Next day call out and priority phone line from heateam
- 'Find an Installer' on the Baxi website, providing genuine enquiries from people wanting a boiler service, repair or replacement
- Annual service reminder can be sent in your name to prompt your customers to call you when their annual service is due

Visit works2gether.co.uk to become part of works and let us help you grow your business



Other heating solutions from Baxi

Whatever heating solution your customer needs, we have a range of highly efficient and innovative products.



Baxi Solo HE A

The Baxi Solo HE A is our highly advanced heat only boiler. Fitting effortlessly into any modern interior, including homes with limited space due to its compact dimensions and stylish design.

The Baxi Solo HE A is available in five outputs, 12kW, 15kW, 18kW, 24kW and 30kW to fit most sized properties, has a lightweight, compact design for flexible siting and can be installed on a fully TRV system.

It is also suitable for use with vented or sealed heating systems and comes with simple controls for easy operation. No pump overrun is required removing the need for re-wiring and reducing disruption to the property, meaning this boiler will directly replace any existing heat only boiler.



Baxi Bermuda BBU HE

The Baxi Bermuda BBU HE is the only high efficiency, direct replacement back boiler on the market and is the most cost effective alternative for an existing standard efficiency boiler. It complies with all legislative and building regulations.

The Baxi Bermuda BBU HE uses existing pipe work so can be installed in a single day, reducing disruption for your customers and eliminating the need for costly redecoration, with no space being lost elsewhere in the property.



Baxi Ecogen™

The award winning Baxi Ecogen dual energy micro-CHP boiler generates low cost, low carbon electricity while in the process of providing highly efficient heating and hot water.

Using this energy to power household appliances means that customers need to buy less electricity from their electricity provider, resulting in lower electricity bills and a smaller carbon footprint.

It is the first micro-CHP product to achieve Microgeneration Certification Scheme (MCS) certification; therefore it is also eligible for the Government's Feed-in Tariff - providing financial benefits to your customers.



Baxi Solarflo™

Baxi Solarflo provides energy efficient hot water and can significantly reduce fuel bills and carbon emissions. The range includes on-roof and in-roof collector panels and evacuated tubes and is MCS certified*, allowing homeowners to benefit from the Government's Renewable Heat Incentive (RHI) scheme.

Switching to solar heating can result in significant savings, both in CO_2 and energy bills. The technology is simple, effective and entirely sustainable.

Flat plate on-roof collector panels are mounted on top of roof tiles or slates, and are therefore most suited to providing solar heating to existing properties, whereas in-roof collector panels are perfect for integrating solar heating into new-build properties as they are built into the roof structure. Evacuated tube collectors offer premium solar heating performance in cloudy conditions and complete flexibility as they can be mounted on any surface, including facades and flat roofs.





Baxi Bioflo™

At 94 per cent efficient, the Baxi Bioflo biomass boiler provides a steady supply of clean, sustainable, carbon neutral heating and hot water. Compact and stylish, it is easy to install, use and maintain. It is MCS certified and is eligible for the RHI scheme.

Ideal for customers in smaller properties where mains gas is not available, the boiler is simple to install, low maintenance and easy to operate.

As well as looking good, the Baxi Bioflo is designed to meet the homes renewable energy needs - reducing both energy consumption and fuel bills for your customer, whilst providing heating and hot water throughout the year.



Baxi Ambiflo™

The Baxi Ambiflo[™] air source heat pump is suitable for domestic use and captures heat from outside air, using this energy to provide heating within the home. Air source heat pumps can offer substantial carbon savings when compared to other heating sources such as electric storage heaters and oil boilers.

Under typical conditions, air source heat pumps operate at average seasonal efficiency of between 200% and 300%. It is a highly efficient technology for well insulated properties with underfloor heating or low temperature radiators.



Baxi Geoflo™

The Baxi Geoflo[™] ground source heat pump system taps into the natural heat found in the ground just metres below the Earth's surface.

The heat pump works by keeping fluid in the evaporator slightly cooler than the source, enabling it to draw latent heat from the earth via heat collectors which are buried in the ground.

This stable, consistent energy is used to provide hot water for a domestic heating system.

Literature guide



At Baxi we know that buying a new boiler is a big decision, with this in mind we aim to provide as much relevant information to you and your customers.

Literature available:

| | Baxi Neta-tec Combi GA | Baxi Duo-tec Combi GA | Baxi Platinum Combi GA | Baxi Megaflo System Compact GA |
|---|---------------------------|--------------------------|---------------------------|--------------------------------------|
| Homeowner's Guide | ٠ | ٠ | ٠ | ٠ |
| Homeowner's Reference Guide | ٠ | ٠ | • | ٠ |
| Homeowner's User Instructions | • | ٠ | • | • |
| Homeowner Boiler template (demonstrates size of product) | ٠ | | | |
| Installer Instructions | ٠ | ٠ | ٠ | • |

How to order:

If you would like to order any brochures please call our literature hotline on 0844 8711525 or contact your local Baxi Area Sales Manager.

All our brochures, instructions, leaflets and guides are available free of charge. To download our brochures electronically visit www.baxi.co.uk



Contact us

For all enquiries please call 0844 8711525

Email: info@baxi.co.uk Visit: www.baxi.co.uk/think

Open Monday - Friday, 8am - 6pm Weekends & Bank Holidays, 8.30am - 2pm We are closed on Christmas Day & New Year's Day Please note calls may be monitored or recorded

To book a training course please call

0845 600 7402

Open Monday - Thursday, 8.30am - 5pm Friday, 8.30am - 4.30pm or visit www.bdrthermeatraining.co.uk





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