



GB312 90-280kW



GB402 320-620kW



Plan a more efficient future with GB312 and GB402 commercial condensing boilers



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In the UK, Buderus is a brand name of Bosch Thermotechnology Ltd.

Buderus' policy is one of continuous research and development and this may necessitate alterations to this specification from time to time. Therefore before preparing for the installation of the appliance it is important that the instructions issued with the unit are carefully read and adhered to. The statutory rights of the customer are not affected. Photographs shown are used for illustrative purpose only. All information is correct at time of going to press. Buderus reserves the right to alter any information where necessary. E&OE.

Buderus
Bosch Group

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Intelligent Heating Solutions

Buderus
Bosch Group

Discover Buderus...

Buderus is one of the largest heating brands world-wide and enjoys a market-leading position in sales of gas condensing boilers across Europe. The German owned heating technologies brand has a manufacturing heritage stretching back over 275 years and has been developing and distributing advanced commercial condensing boilers in the European market for decades.



Rigorous quality testing ensures that each Buderus boiler delivers high levels of fuel efficiency, consistent heating and hot water performance and a long product life.

Buderus commercial boilers are manufactured in Germany and Holland, with the main plants being in Lollar, Eibelshausen, Gunzenhausen and Deventer. Condensing boilers with outputs of up to 19 megawatts are available to provide energy-efficient heating for schools, offices, hospitals, plus a large variety of commercial and industrial applications and bespoke building services projects. Today Buderus has an estimated 3 million reliable condensing appliances installed in Europe and that number continues to grow.



Buderus research and development centre – Deventer, Holland

In the UK the Buderus brand is part of Bosch Thermotechnology Ltd, a company at the forefront of heating and hot water technology in the domestic and commercial market sectors. It has a diverse portfolio of heating products and strong brands, with an international focus and a commitment to the development of sustainable heating technology solutions for the future.

Complete heating solutions from a single source

The Buderus commercial range offers a wide choice of high quality heating appliances to suit virtually any size and type of installation. Boiler outputs from 43 to 19,200kW are available with a variety of heat exchanger types including high efficiency cast iron, condensing stainless steel and cast aluminium, allowing the specifier a great deal of flexibility in planning the most efficient system.

Buderus also offer high performance solar thermal collectors that work in conjunction with our commercial boiler range and are especially well suited to large-scale projects requiring upwards of 10 collectors.

All Buderus heating products are fully supported with a comprehensive selection of modular, energy management controls, that provide all the functionality and performance that would be expected from a modern building management system.



Total support from planning to final commissioning

Our technical support services, including a nationwide network of dedicated service and commissioning engineers, will ensure that your Buderus products continue to operate reliably and efficiently throughout their lifetime. We also offer a UK technical hotline, assistance with system design, site visits and fantastic hands-on product training facilities to give you total peace of mind and confidence in our ability to meet and exceed your expectations.



GB312 Cascade system.

GB312 90-280kW condensing boilers High performance commercial heating

A compact and modern floor standing commercial condensing boiler, the GB312 is an excellent choice for mid-range installations that require the latest high efficiency, low emission technology.

Modern energy management technology

Buderus uses a high performance condensing aluminium heat exchanger in the GB312 range to help maximise heat transfer and maintain efficiency levels. This results in a very impressive price/performance ratio with reduced fuel consumption, quick pay back and low carbon footprint.

Simple to service

The GB312 is designed so that all components can be serviced and maintained from the front. Heating surfaces can easily be accessed if mechanical cleaning is required.

Engineered for efficiency

The innovative gas fired GB312 offers advanced condensing technology in a compact and robust form – with high grade components designed to withstand heavy and constant use. Six outputs from 90 - 280kW, a very compact footprint, and a seasonal efficiency of up to 96% gives heating system specifiers the freedom to combine performance with efficiency whilst delivering real fuel savings to investors.



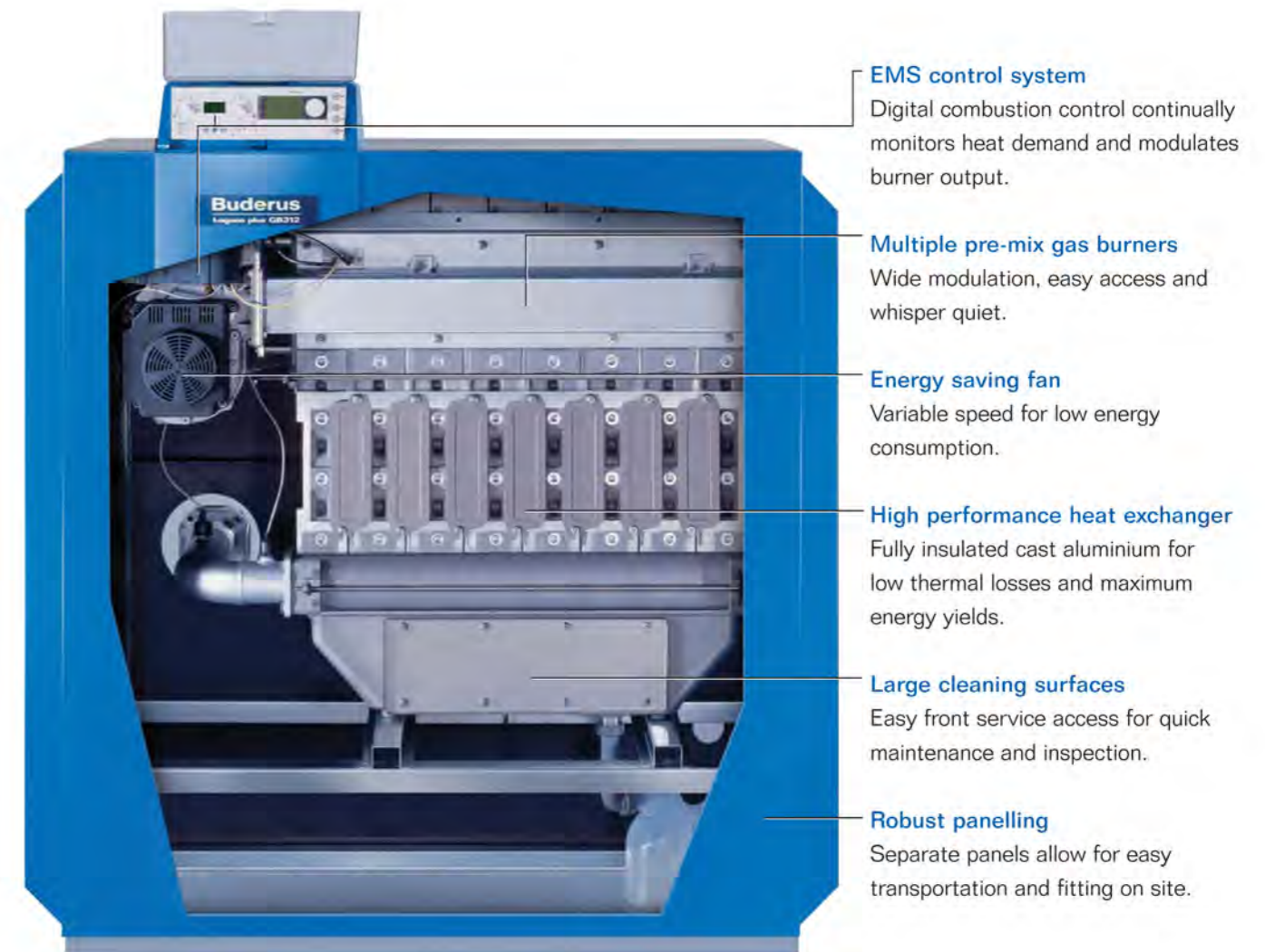
GB312 Gas Condensing Boiler

Buderus GB312 has that solid, high quality feel that immediately gives you confidence.



GB312 at a glance:

- Quick and simple to install
- Individual boiler outputs from 90 - 280kW
- Ideal for multiple boiler installation
- Excellent price/performance ratio. High efficiencies of up to 108% (NCV), 96% seasonal efficiency (L2B)
- Extremely quiet modulating pre-mix gas burner with NOx emissions below 40mg/kWh
- Lightweight and compact to fit into existing boiler rooms
- Insulated boiler block for high energy utilisation
- Intelligent controls with built-in Energy Management System (EMS)
- Supplied with the BC10 boiler control with digital service diagnostic and status display with space for the optional RC35 Digital Programmer and modules to be installed within the boiler
- Burner management technology
- Lightweight, high-performance aluminium heat exchanger for maximum heat transfer
- Suitable for room sealed or open flue installations (room sealed requires the use of an adaptor)
- Simple to service and maintain.



EMS control system

Digital combustion control continually monitors heat demand and modulates burner output.

Multiple pre-mix gas burners

Wide modulation, easy access and whisper quiet.

Energy saving fan

Variable speed for low energy consumption.

High performance heat exchanger

Fully insulated cast aluminium for low thermal losses and maximum energy yields.

Large cleaning surfaces

Easy front service access for quick maintenance and inspection.

Robust panelling

Separate panels allow for easy transportation and fitting on site.

Flexible installation options

The GB312 range provides the design engineer with a high degree of flexibility as it can be operated as a room sealed or open flue boiler. The compact dimensions of the boiler frame and low weight of the boiler make replacement installations straightforward. At only 612mm wide without the casing the boiler fits through standard doorways. The GB312 range has a very low flow resistance within the heat exchanger. This also simplifies system design and helps to reduce electrical running costs for primary circuit pumps.

For larger systems a two-boiler cascade kit is available with all pipework, flues and fittings prepared in the factory for rapid assembly on site.

GB312 90-280kW condensing boilers

Technical data

Full technical and specification for all GB312 boilers, and hydraulic schematics for cascade systems, can also be downloaded from our website www.buderus.co.uk.

GB312 boilers do not require a minimum flow rate and this makes the design and specification of a heating system much simpler as it removes the need for additional components and so reduces installation time. Savings are also made on the electrical running costs.

GB312	Unit	90kW	120kW	160kW	200kW	240kW	280kW
Nominal heat output at 50/30°C	kW	31 - 90	31 - 120	42 - 160	62 - 200	75 - 240	87 - 280
Nominal heat output at 80/60°C	kW	28 - 84	28 - 113	38 - 150	55 - 187	66 - 225	77 - 263
Rated heat input	kW	34 - 87	34 - 116	46 - 155	57 - 193	69 - 232	80 - 271
Net efficiency (NCV)	%	108	108	108	108	108	108
Seasonal efficiency (L2B)	%	96.3	96.2	96.4	96.2	96.1	95.8
Standby heat loss (30K/50 K)	%	0.03/0.12	0.03/0.12	0.03/0.12	0.03/0.12	0.03/0.12	0.03/0.12
Maximum working pressure	bar	4	4	4	4	4	4
Flow temperature	°C	30 - 85	30 - 85	30 - 85	30 - 85	30 - 85	30 - 85
Water content	litres	16	16	20	24	27	30
Pressure drop @ T20°C	mbar	65	91	78	90	89	95
Flow rate @ ΔT20°C	kg/s	1.08	1.43	1.91	2.39	2.87	3.34
Pressure drop @ ΔT11°C/flow rate kg/s	mbar	200	330	230	250	300	310
Flow rate @ ΔT11°C	kg/s	1.95	2.61	3.47	4.34	5.21	6.08
Noise level at 1m, full load	dB(A)	55	55	55	55	55	55
Noise level at 1m, part load	dB(A)	40	40	40	40	40	40
NOx rating at 0% oxygen, dry	mg/kWh	29	33	39	37	34	39
Flue gas temperature 80/60°C, full load	°C	70	78	77	76	75	78
Flue gas temperature 80/60°C, part load	°C	58	57	56	58	56	58
Flue gas temperature 50/30°C, full load	°C	50	56	54	55	55	56
Flue gas temperature 50/30°C, part load	°C	34	33	30	33	33	33
Flue gas mass flow rate 80/60°C, full load	g/s	38.9	53.7	70.2	89.3	107.4	125.4
Flue gas mass flow rate 80/60°C, part load	g/s	14.5	15.7	20.5	26.7	32.4	37.5
Feed pressure of fan	Pa	100	100	100	100	100	100
CO2 content at full load	%	9.1	9.1	9.1	9.1	9.1	9.1
CO2 content at part load	%	9.3	9.3	9.3	9.3	9.3	9.3
Condensate water rate	l/h	11.0	14.6	19.5	24.3	29.2	34.1
Acidity of condensate water [approx.]	pH	4.1	4.1	4.1	4.1	4.1	4.1
Gas pressure	mbar	18 - 24	18 - 24	18 - 24	18 - 24	18 - 24	18 - 24
Gas rating at 15°C 1013mbar (natural gas)	m³/h	10.7	14.3	19.1	23.8	28.6	33.5
Operating voltage	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50
Electrical supply (number of phases)		1	1	1	1	1	1
Maximum fuse rating	A	10	10	10	10	10	10
Electrical power consumption, full load [excl. pump]	W	84	150	190	230	270	330
Electrical power consumption, part load [excl. pump]	W	40	40	45	50	50	50
Electrical ingress protection		IP40	IP40	IP40	IP40	IP40	IP40
Boiler flow connection Ø (VK)		Rp2"/DN 50 (PNG)	Rp2"/DN 50 (PNG)	DN 65 (PNG)	DN 65 (PNG)	DN 65 (PNG)	DN 65 (PNG)
Boiler return connection Ø (RK)		Rp2"/DN 50 (PNG)	Rp2"/DN 50 (PNG)	DN 65 (PNG)	DN 65 (PNG)	DN 65 (PNG)	DN 65 (PNG)
Flue gas connection Ø (AA)	mm	DN 160	DN 160	DN 160	DN 200	DN 200	DN 200
Combustion air connection Ø (AL) [requires adaptor]	mm	DN 100	DN 100	DN 100	DN 100	DN 100	DN 100
Gas connection Ø (GAS)		R3/4"	R3/4"	R1 1/2"	R1 1/2"	R1 1/2"	R1 1/2"
Condensate connection Ø (AKO)	mm	21	21	21	21	21	21
Safety valve connection Ø (ST)		R1"	R1"	R1 1/4"	R1 1/4"	R1 1/4"	R1 1/4"
Dimensions							
Height	mm	1532	1532	1532	1532	1532	1532
Width	mm	994	994	1202	1202	1410	1410
Depth	mm	717	717	717	717	717	717
Service clearances							
Front	mm	500	500	500	500	500	500
Back	mm	550	550	550	550	550	550
Right side	mm	100	100	100	100	100	100
Left side	mm	500	500	500	500	500	500
Width for access	mm	612	612	612	612	612	612
Net weight	kg	205	205	240	265	300	330

Dimensions and clearances

Connections	
AA	Flue gas connection
AKO	Condensate outlet
AL	Combustion air pipe connection [balanced flue operation only]
GAS	Gas connection
VK	Boiler flow
ST	Connection for safety valve or safety assembly
MAG	Connection for diaphragm expansion vessel
RK	Boiler return

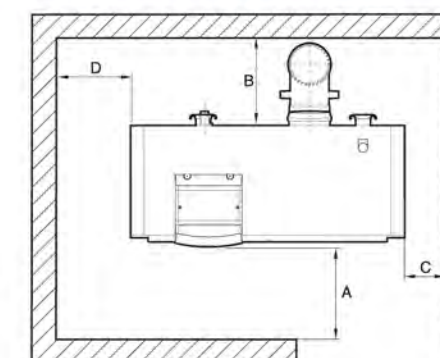
1) Not included in delivery

Dimension	Unit	90kW	120kW	160kW	200kW	240kW	280kW
B	mm	994	994	1202	1202	1410	1410
X _{AA}	mm	332	332	384	436	488	540
X _{RK} [= X _{AL} = X _{GAS}]	mm	270	270	374	270	374	270
F	mm	800	800	1008	1008	1216	1216
A	mm	1308	1308	1300	1300	1300	1300
AA Ø	mm	160	160	160	200	200	200
Y _{AA}	mm	470	470	470	495	495	495
Y _{MAG}	mm	522	522	514	514	514	514
Z _{AA}	mm	145	145	145	310	310	310
AL Ø	mm	110	110	110	110	110	110
VK & RK		Rp 2"	Rp 2"	PNG standard flange			
ST		R 1"	R 1"	R 1 1/4"	R 1 1/4"	R 1 1/4"	R 1 1/4"
Gas Ø		R 1 1/4"	R 1 1/4"	R 1 1/2"	R 1 1/2"	R 1 1/2"	R 1 1/2"

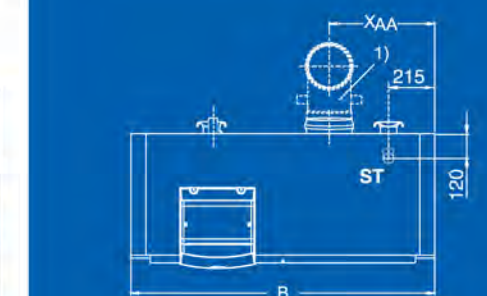
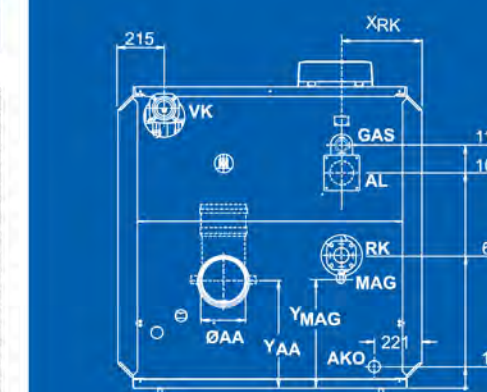
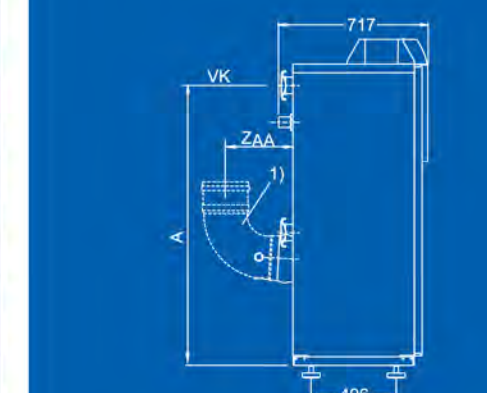
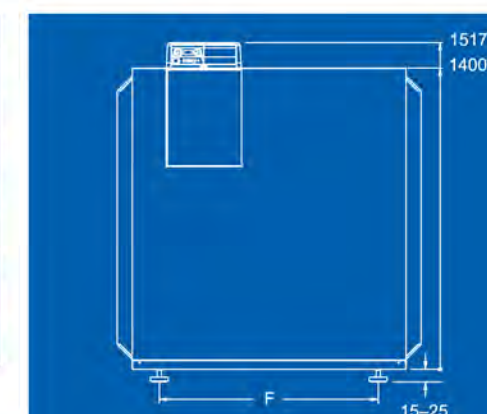
Wall clearances

Position the boiler with the recommended wall clearances. Reducing the minimum clearances makes access to the boiler difficult.

Where applicable, allow extra wall clearances for additional components, for example DHW cylinder, pipe connections or other components on the flue gas side etc.



Dimension	Wall clearances (mm)	
	Minimum	Recommended
A	500	700
B	550	700
C	100	500
D	500	700



GB402 320-620kW condensing boilers High performance commercial heating

A high efficiency condensing boiler, perfect for single or multiple boiler installations in medium to large buildings including schools, hotels, care homes, offices and commercial buildings. Compact, quiet and perfect for both new build and renovation projects. It combines high efficiency and low emissions with a wide range of practical benefits.

Performance with economy

Available in 5 outputs – 320kW to 620kW – the GB402 has been developed to provide lower running costs and reduced carbon and NOx emissions. This is achieved through the use of a powerful, lightweight cast aluminium heat exchanger and thermally insulated boiler body. The clean burning, pre-mix burner and intelligent combustion controller enable the GB402 to operate in a wide modulation range of between 20% to 100%, with a seasonal efficiency of up to 110%.

Space-saving design

Despite its compact size the GB402 boasts an impressive output to weight ratio of approximately 1kg per kW. This, combined with the ability to install it in a variety of orientations or as part of a multi-boiler cascade system, makes it a suitable option for all sizes and shapes of plant room.

Easier installation and servicing

During installation and operation the advanced design of the GB402 will save time and money. The factory-fitted gas burner is tested and set up for the plant's gas type, making it ready for use upon installation. Servicing is also simple. Large inspection apertures make access to components particularly easy and all heating services can be easily cleaned or replaced if necessary.



GB402 Gas Condensing Boiler

The GB402 is technology at its best – full of innovative, yet practical features.



GB402 at glance:

- Individual boiler outputs from 320 - 620kW
- Suitable for cascading of multiple boilers
- Controls can be installed at the side or on the front of the boiler
- Suitable for use with RC35 (single boilers) or 4000 series controls
- EMS control with auto-diagnosis-system
- Aluminium/Silicon heat exchanger
- Water-side stream optimised for effective and robust operation
- No minimum water volume circulation
- Simple commissioning and maintenance
- Fully modulating pre-mix burner achieving NOx emissions below 40mg/kWh
- Sealed combustion operation possible
- Efficiency of 109.7% at 40/30°C (seasonal efficiency)
- NOx emissions of 40mg/kWhr
- Maximum operating pressure of 6 bar
- Extremely quiet, operates at 55dB(A) at full load
- Weight (depending upon output) 410kg to 520kg
- Easy transport, assembly and installation
- Can be installed in either orientation to suit the plantroom layout.



EMS control system

Digital combustion control continually monitors heat demand and modulates burner output.

Boiler flow

Enables the smooth transportation of the hot heating water to the heating surfaces.

Modulating pre-mix gas burner

Easy to service with a wide modulation range from 20 to 100%.

Heat exchanger with cleaning apertures

Ensures an efficient heat transfer between the hot gases and the heating water and enables quick and easy cleaning.

Gas train

For uncomplicated and convenient burner adjustment.

Fan

Enables a powerful but quiet combustion air supply.

Boiler return

Enables the smooth return of the cooled heating water from the heating surfaces to the boiler.

It's got everything

Although the GB402 features a top-end technical design, practicality and convenience of operation have not been neglected. In spite of its substantial capabilities, its physical dimensions are such that standard plantroom doorways (minimum width 781mm) present no obstacle. The casing can be removed for easy handling and to prevent damage during installation.

Operation is also made easy because the control unit can be fitted at the front or on the right-hand side of the boiler.

GB402 320-620kW condensing boilers

Technical data

Full technical and specification for all GB402 boilers, and hydraulic schematics for cascade systems, can also be downloaded from our website www.buderus.co.uk.

GB402	Unit	320kW	395kW	470kW	545kW	620kW
Nominal heat output at 50/30°C	kW	66.7-320.0	80.5-395.0	95.6-468.2	113.0-545.0	127.6-621.4
Nominal heat output at 80/60°C	kW	58.9-297.2	72.6-367.4	85.2-435.8	100.7-507.0	114.9-577.1
Rated heat input	kW	61.0-304.8	75.2-376.2	89.5-447.6	103.8-519.0	118.0-590.0
Net efficiency (NCV)	%	110	110	110	110	110
Seasonal efficiency (L2B)	%	96.4	96.8	96.7	97.0	96.8
Standby heat loss (30K/50K)	%	0.20/0.33	0.16/0.27	0.14/0.23	0.12/0.20	0.11/0.17
Maximum working pressure	bar	6	6	6	6	6
Flow temperature	°C	30-85	30-85	30-85	30-85	30-85
Water content	litres	47.3	53.3	59.3	65.3	75.3
Pressure drop @ T20°C	mbar	99	105	95	108	113
Flow rate @ ΔT20°C	kg/s	3.82	4.72	5.61	6.51	7.41
Pressure drop @ ΔT11°C/flow rate kg/s	mbar	325	350	320	360	380
Flow rate @ ΔT11°C	kg/s	6.95	8.58	10.21	11.84	13.46
Noise level at 1m, full load	dB(A)	57.6	59.9	58.9	59.9	59.8
Noise level at 1m, part load	dB(A)	n/a	n/a	n/a	n/a	n/a
NOx rating at 0% oxygen, dry	mg/kWh	40	40	40	40	40
Flue gas temperature 80/60°C, full load	°C	65	65	65	65	65
Flue gas temperature 80/60°C, part load	°C	58	58	58	58	58
Flue gas temperature 50/30°C, full load	°C	45	45	45	45	45
Flue gas temperature 50/30°C, part load	°C	30	30	30	30	30
Flue gas mass flow rate 80/60°C, full load	g/s	142.4	174.5	207.1	249.6	271.9
Flue gas mass flow rate 80/60°C, part load	g/s	28.7	36.8	40.6	48	53.2
Feed pressure of fan	Pa	100	100	100	100	100
CO ₂ content at full load	%	9.1	9.1	9.1	9.1	9.1
CO ₂ content at part load	%	9.3	9.3	9.3	9.3	9.3
Condensate water rate	l/h	38.3	47.4	56.3	65.3	74.3
Acidity of condensate water [approx.]	pH	4.1	4.1	4.1	4.1	4.1
Gas pressure	mbar	17-25	17-25	17-25	17-25	17-25
Gas rating at 15°C 1013mbar (natural gas)	m ³ /h	34.3	42.4	50.4	58.4	66.5
Operating voltage	V/Hz	230/50	230/50	230/50	230/50	230/50
Electrical supply (number of phases)		1	1	1	1	1
Maximum fuse rating	A	10	10	10	10	10
Electrical power consumption, full load [excl. pump]	W	395	449	487	588	734
Electrical power consumption, part load [excl. pump]	W	40	45	42	45	49
Electrical ingress protection		IPX0D	IPX0D	IPX0D	IPX0D	IPX0D
Boiler flow connection Ø (VK)		DN 80 (PN6)	DN 80 (PN6)	DN 80 (PN6)	DN 80 (PN6)	DN 80 (PN6)
Boiler return connection Ø (RK)		DN 80 (PN6)	DN 80 (PN6)	DN 80 (PN6)	DN 80 (PN6)	DN 80 (PN6)
Flue gas connection Ø (AA)	mm	DN 250	DN 250	DN 250	DN 250	DN 250
Combustion air connection Ø (AL) [requires adaptor]	mm	DN 200	DN 200	DN 200	DN 200	DN 200
Gas connection Ø (GAS)		R2"	R2"	R2"	R2"	R2"
Condensate connection Ø (AKO)	mm	21	21	21	21	21
Safety valve connection Ø (ST)		R2"	R2"	R2"	R2"	R2"
Dimensions						
Height	mm	1593	1593	1593	1593	1593
Width	mm	844-938*	844-938*	844-938*	844-938*	844-938*
Depth	mm	1744-1869*	1744-1869*	1744-1869*	1744-1869*	1744-1869*
Service clearances						
Front	mm	700	700	700	700	700
Back	mm	150	150	150	150	150
Right side	mm	700	700	700	700	700
Left side	mm	150	150	150	150	150
Width for access	mm	781	781	781	781	781
Net weight	kg	410	438	465	493	520

*Depending on orientation of controls

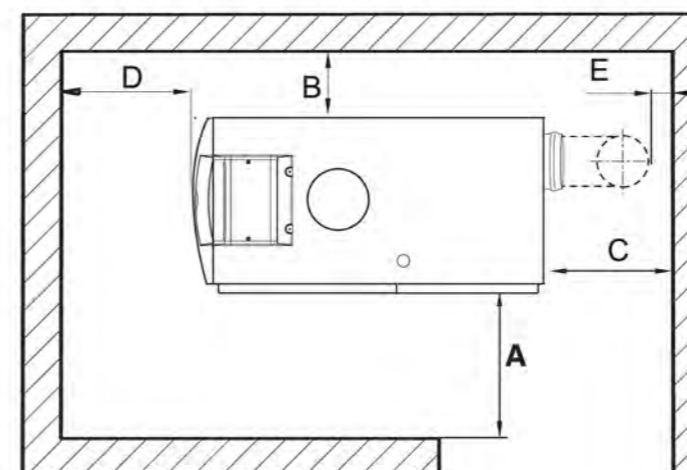
Dimensions and clearances

Connections	
AA	Flue gas connection
AKO	Condensate outlet
GAS	Gas connection
VK	Boiler flow
ST	Connection for safety valve or safety assembly
MAG	Connection for diaphragm expansion vessel
RK	Boiler return
EV	Combustion air inlet

Wall clearances

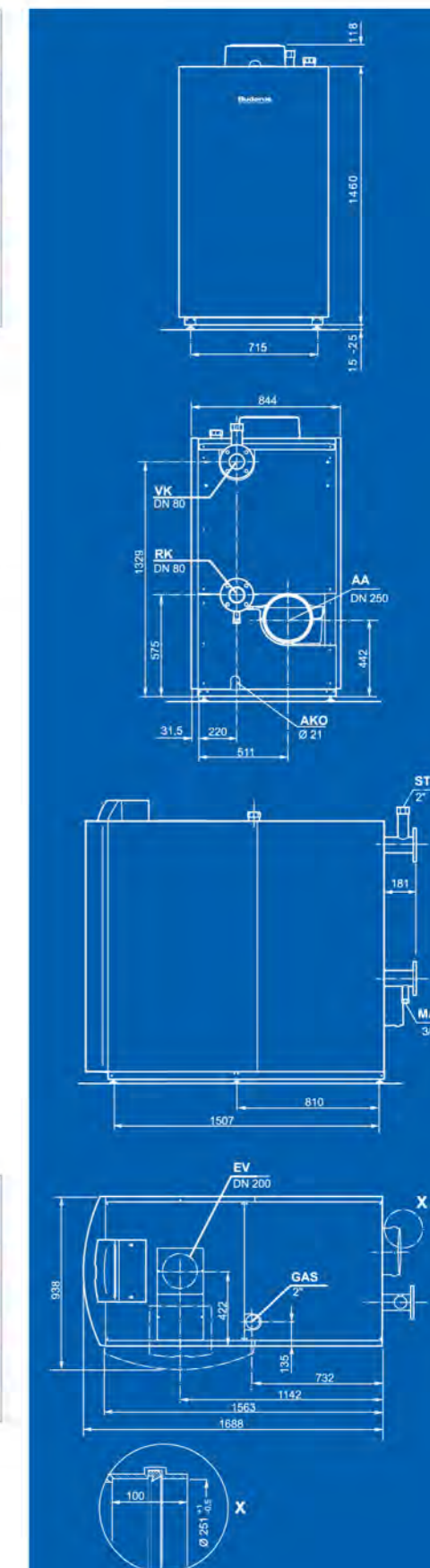
When determining the installation location, take the clearances for the flue and the connection and the connection pipe into consideration.

Where applicable, allow extra wall clearances for additional components, for example DHW cylinder, pipe connections or other components on the flue gas side etc.



Dimension	Wall clearances [mm]	
	Minimum	Recommended
A	700	1000
B	150	400
C ¹⁾	-	-
D	700	1000
E ¹⁾	150	400

¹⁾ This clearance dimension applies independently of the installed flue system

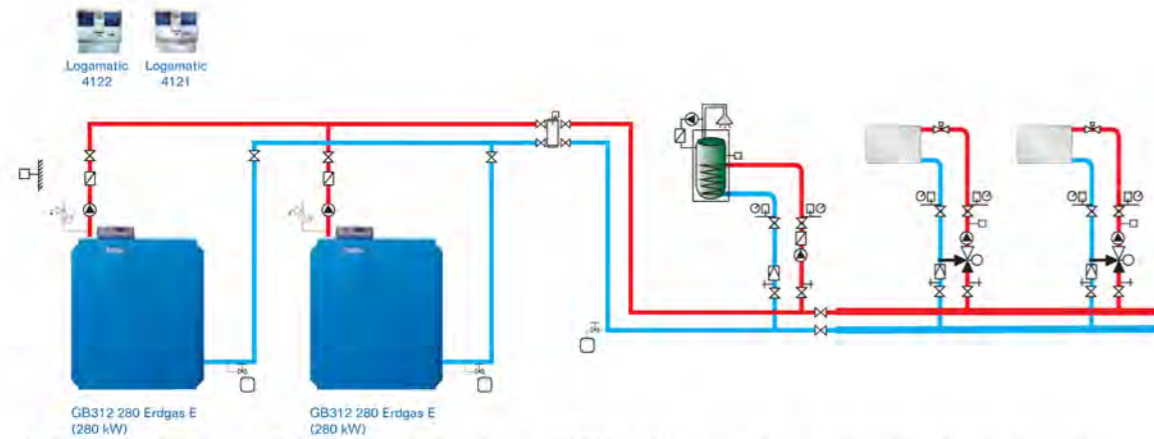


Flexible system solutions

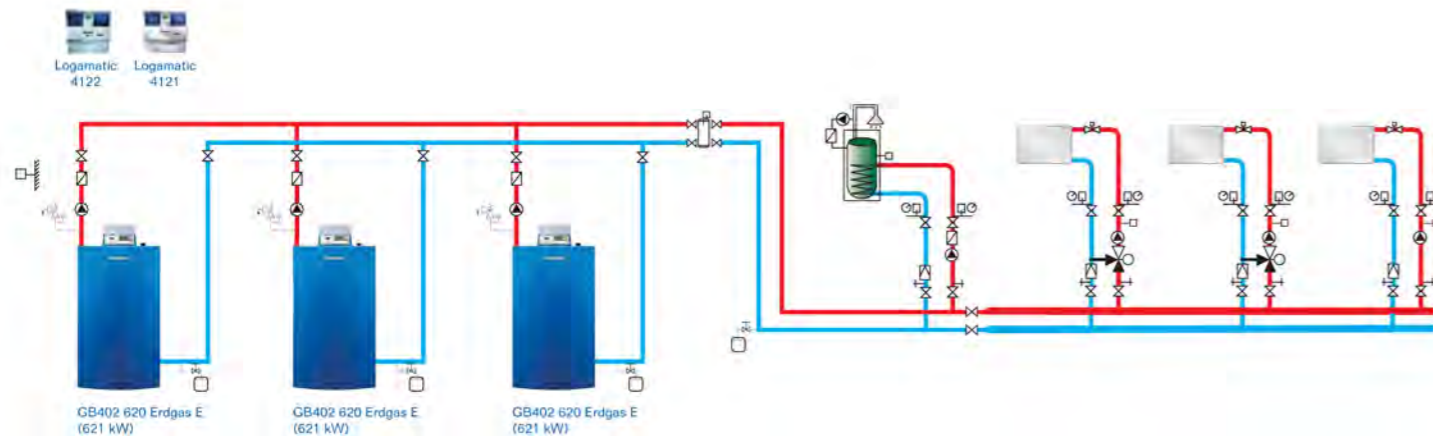
GB312 and GB402 boilers have been developed to allow specifiers and heating engineers a great deal of flexibility to design heating systems that will deliver reliable and efficient performance whatever the scale of the project.

In addition, Buderus also offers a comprehensive on-site technical service where our system specialists can visit and discuss the best heating system solutions for your particular needs.

The following hydraulic schematics show just some of the many options that are available for individual and cascade installations. A full list of approved hydraulic schematics for the GB312, GB402 and other Buderus commercial boilers can be found on www.buderus.co.uk



1. Example shows two GB312 installed with one DHW and two variable temperature heating circuit.



2. Example shows three GB402 installed with one DHW, one constant and two variable temperature heating circuits.

Everything under control

The GB312 and GB402 are equipped with EMS, the future-oriented Energy Management System from Buderus as standard. In an intelligent way, this system ensures that all component parts of the heating system work together perfectly. A simple user interface provides easy access to the wide range of functions offered by the Buderus control system. This makes setting and optimising the system easy and ensures the system can operate most efficiently, reducing costs and environmental impact.

The control system that grows with your plans

The EMS has the benefit of allowing intelligent communication between the control unit and the combustion controller. This ensures that the boiler and burner interact seamlessly, thus facilitating trouble-free system operation. Nevertheless, should a fault arise, this will be detected by the integral Buderus Service Diagnosis System, SDS, and indicated on the display of the Buderus programmer unit as plain text. The RC35 programmer is designed for the control of up to four heating circuits in smaller commercial buildings. In larger systems, or with multiple boiler applications, the EMS communicates perfectly in conjunction with the powerful control units from the 4000 range: 4121, 4122 or 4323.

Buderus offers system design from a single source

The EMS (Energy Management System) is of modular design and meets every requirement where expansion is concerned. The control capabilities of the EMS can be extended further still for larger projects. Appropriate modules control single and multi-boiler systems and cascades perfectly.

RC35: for up to 4 heating circuits

The RC35 programming unit regulates up to four heating circuits – in room temperature-dependent or weather-compensated mode. Individual heating programs can also be set. The plain text display shows all operating details, plus the room and outside temperatures. The wide range of functions makes service and maintenance easier.

EM10: the simple BMS interface module

An EM10 module fits into the boiler controller and provides a simple interface to an external controls system. The EM10 provides an input for on 0-10V signal and a common fault message as a means of communication to a BMS.

MCM10: simple boiler cascade control with BMS interface

An MCM10 module provides a 0-10V input for BMS and will sequence up to four boilers. Multiple MCM10's can be combined for a larger cascade.

4121/4122/4323: a great team player

This is the control unit of choice where several boilers are to be operated in a cascade. Only the corresponding function modules need to be added. Further options include the ability to extend the system so that it can have up to 56 heating circuits or to add further heating components.



RC35 for single boiler with 4 heating circuits



EM10 BMS interface card



MCM10 – simple cascade controller for up to 4 boilers



4000 series – for multiple boilers and complex system controls

Solar compatibility.

Both the GB312 and the GB402 are fully compatible with our solar water heating products and together they offer an advanced, highly efficient energy management solution for a wide range of installations. But don't worry if you have an existing project to upgrade with solar - our products integrate easily with existing heating systems. For full details of the extensive range of Buderus solar water heating options visit www.buderus.co.uk

From the classroom to commercial installations, Buderus training pays for itself over and over again

Keeping ahead of the competition

New technology. New legislation and regulations. The growing demands and expectations of customers. These are the reasons why the heating industry – and particularly the commercial sector – has never faced so much change and so many challenges. So how can you hope to keep up with it all? The best way to learn anything is from the experts – and Buderus, as part of Bosch Thermotechnology Ltd., is one of Europe's leading names in the provision of fuel efficient heating and hot water solutions for commercial installations.

Train with the European leader

Our qualified technical training officers, with many years experience as heating technicians, will take you step-by-step through each course, combining practical installation tips with heating theory and legislation requirements, providing you with a thorough understanding of Buderus products and applications.

Enjoy superb facilities

Our purpose-built training facilities and state-of-the-art classrooms provide a spacious, air conditioned environment in which to learn. Each building has two main product workshops, one for commercial and one for renewable appliances. Both rooms contain fully working appliances so all aspects, from assembly and fitting through to fluing, control options and burner matching, can be examined and explained, providing skills you can take straight from the classroom into your next job. We hope you find all Buderus products easy to fit, easy to service and easy to operate. The best way to ensure this is to book on one of our many courses. We want you to understand our products inside and out, after all, they are developed with you in mind.

Who can benefit from Buderus commercial training?

- Ambitious Gas Safe registered domestic heating installers looking to move into the commercial and industrial market
- Commercial sector installers who need to renew their ACS qualifications
- Local authorities looking to reap the benefits of training their engineers on the very latest heating technology and solutions
- All installers and engineers with the desire to learn and apply new skills, keep abreast of industry requirements and discover how to capitalise on the needs of the commercial sector through advanced Buderus heating solutions.

Where are the Buderus training centres located?

In Worcester (Midlands), Bradford (North) and Thurrock (South-East).

Apply now...

Take a look through our training options and if you need more information or would like to book a place you can contact our training team on (01905) 752526 or visit www.buderus.co.uk/training. We will send you confirmation of the date of your course and directions to your nearest Buderus training centre.

Notes



Many Buderus
training courses
are LOGIC
approved