

EcoCondens BBS Gas condensing heating centre

BRÖTJE
HEIZUNG 
Member of BAXI GROUP Ltd.



A METHOD OF HEATING THAT
TRULY MATCHES YOUR NEEDS

Use a BRÖTJE gas condensing heating centre
for a heat output of 3.5 to 28 kW.

NEW

...better with Brötje

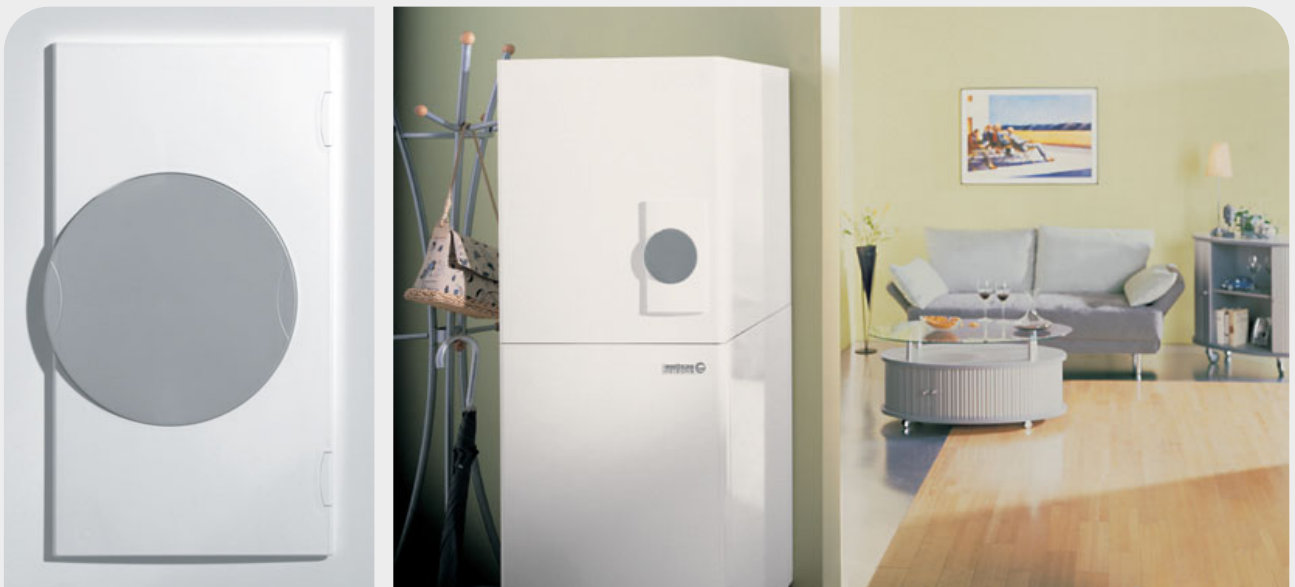
EcoCondens BBS

PEOPLE NEED WARMTH

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It takes good heating to make an apartment into a cosy apartment and a house into a cosy house. It should just be there, working. Safe, dependable, economical and ecologically friendly. Unobtrusive and convenient. Isn't this exactly what you need when you wish to relax at home?

Whether working on a new building or modernising an old one: now is the time to make it better. It's better with BRÖTJE. There's no point in dreaming when you know what you want: save space and money, protect the environment, all with the highest quality.





EcoCondens BBS

THERE'S A SOLUTION TO EVERY PROBLEM

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Condensing technology

Condensing technology is one of the major developments in modern heating technology: The gaseous products of combustion are cooled down, and the water vapour condenses. Heat energy is obtained by condensation and is fed into the heating circuit. Using this principle, they have an annual efficiency of 109% compared with the reference boiler so that heating costs may be reduced by 10% to 14% (as compared with old boilers, savings in the range of up to 30% can be achieved). What is more, the installation of ecologically friendly heating systems is financially subsidised by the government as well as by the authorities in some federal lands and municipalities – make enquiries about financing schemes from your appropriate authorities.

In order to adjust your heating to suit your personal requirements, the condensing-type gas condensing heating centre BBS is of a modular design. Depending on the required heat out-put and the volume of domestic water required, the condensing boiler module is available in three power levels (i.e., 15, 20 or 28 kW) and these may be combined with a 135 l layer tank with improved efficiency or with a 130 l coiled tube tank.

From the cellar to the attic, there is hardly any place in a house or a flat where a EcoCondens BBS unit would not fit. Available both for room-air dependent and room sealed operation, the combination with BRÖTJE's vari-

able exhaust gas systems offers countless installation options. Furthermore, EcoCondens BBS with its compact design and silent operation is extremely unobtrusive.

EcoCondens BBS – warmly recommended:

- Heating and domestic water heating to match your requirements: 3 output classes and 2 hot water tanks available
- Heat output from 3.5 to 28 kW
- Very economic operation thanks to high annual efficiency, i.e., 109%
- Enhanced efficiency when using the 135 l layer tank
- Ecologically friendly thanks to emissions far below the limit values
- Maximum service convenience
- Ease of maintenance
- Compact dimensions
- Unobtrusive design
- Quiet operation

Designed for the future

BRÖTJE EcoCondens BBS complies with needs you don't even have yet. For example, it may be easily combined with a floor heating system.



Quiet operation: Optimised burning and suction silencers reduce the noise level to the minimum



All components that require maintenance, e.g., the burner, are designed according to a well thought-out maintenance concept and are easily accessible from the front

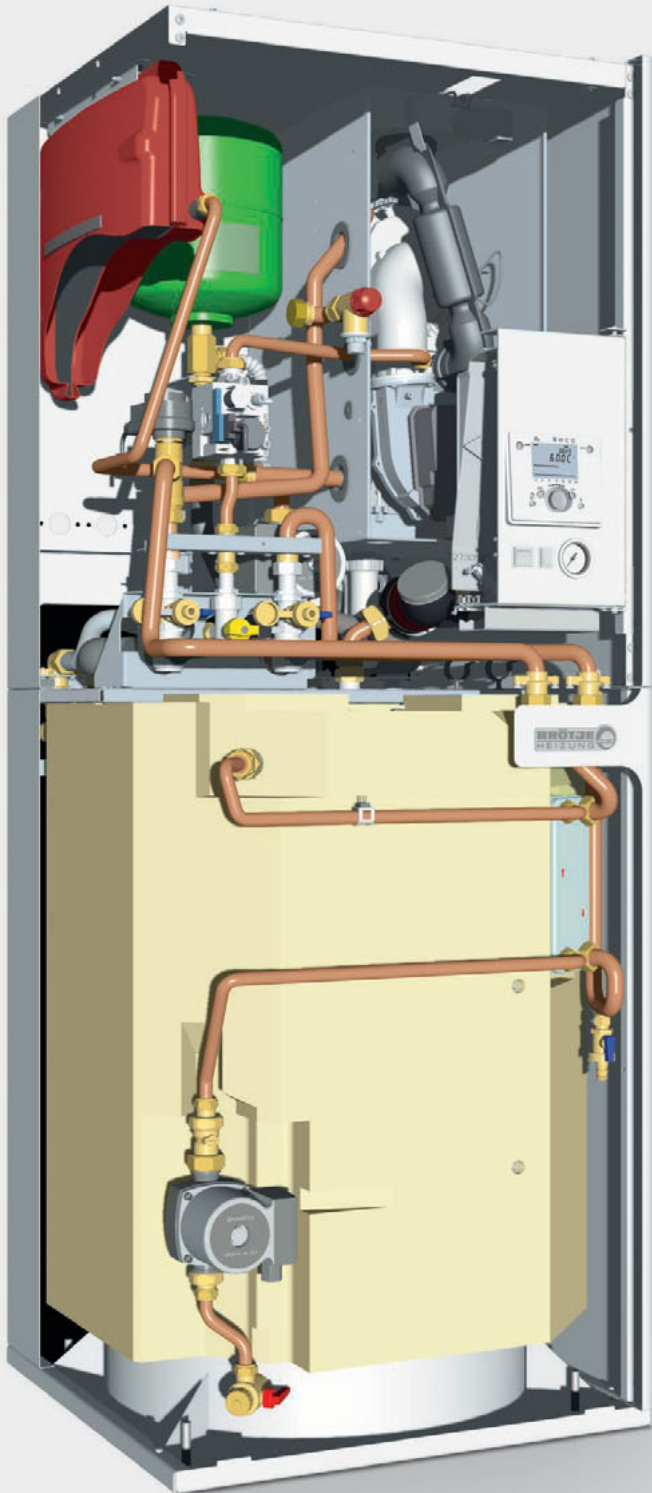


Clear indication: Thanks to the newly developed control panel, EcoCondens BBS can be controlled as easily as your TV.

3,5 to 28 kW

TECHNOLOGY THAT NEED NOT HIDE

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Extremely unobtrusive: With its smoothly rounded edges, EcoCondens BBS sits well in its environment. This is our concept of good design.

Very environmentally friendly:

The emission levels of the EcoCondens BBS are not only far below the legal limits, but also optimally meet the requirements of the "Blue Angel" eco-label.



EcoCondens BBS with layer tank including expansion tanks for heating (accessory) and hot water (accessory) as well as a circulating pump (accessory)

EcoCondens BBS

TECHNOLOGY THAT YOU WILL TAKE KINDLY TO

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Set up. Switch on.

The BRÖTJE coupling system saves time and money during installation: EcoCondens BBS is simply placed onto the required tank. All connections fit perfectly and just need to be fastened using bolts. Furthermore, the new BRÖTJE MULTILEVEL technology permits much more convenient maintenance and servicing. All MULTILEVEL equipment, no matter what size, is designed on the same principle.



135 l layer tank, for convenient domestic water heating with improved efficiency



130 l coiled tube tank for convenient domestic water heating



The BRÖTJE coupling system: enclosures and connections perfectly match

Domestic water heating: even more economical, even faster.

With its improved efficiency, the layer tank offers enhanced performance and higher output thereby providing hot water almost immediately. Furthermore, the tank is swiftly recharged even when large water quantities have been tapped.

Cosiness at the push of a button

If you wish, all the functions of the EcoCondens BBS can be conveniently controlled remotely.: Not only can you command the room temperature at any time, but you can also set daily, weekly or holiday programmes with up to 3 heating phases per day in a jiffy. Everything's clearly displayed in plain text.

From the cellar to the attic

With the BRÖTJE exhaust gas system KAS 80 (plastic), any installation position will be satisfactory: For room sealed operation, no special heating room is needed. EcoCondens BBS can be fitted even into the smallest niche, whether in the kitchen, in your hobby room or in the attic. If you have had a dedicated heating room so far, you may now think about how to use it otherwise.



TOP RGT room controller: All information is clearly available at a glance

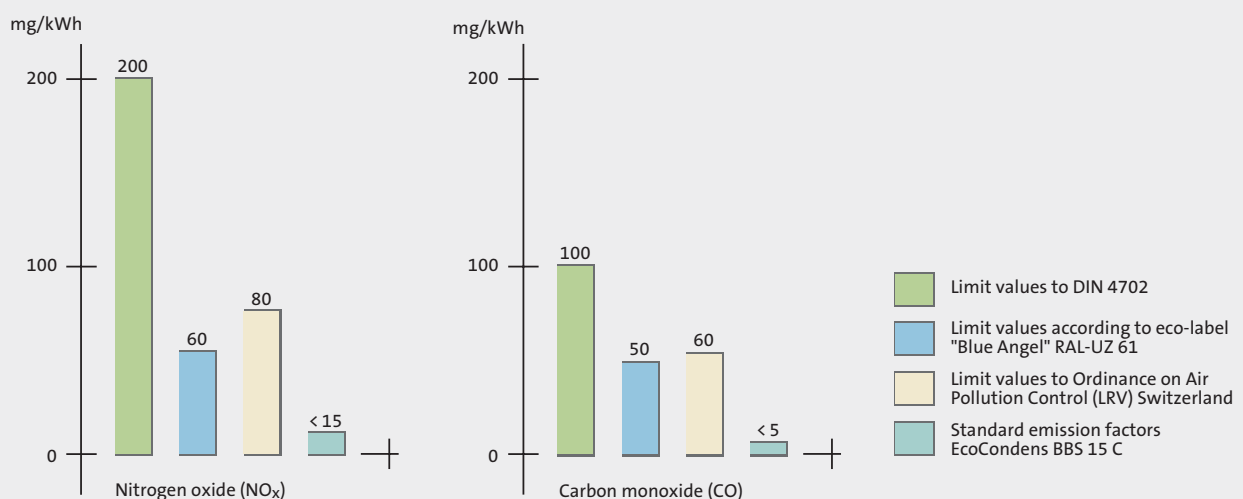
TECHNICAL DATA:

EcoCondens BBS ...	15 C	20 C	28 C
Product ID	CE-0085 BN 0178		
Boiler capacity (kW)	3,5 to 15	4,5 to 20	6,5 to 28
Boiler capacity 50/30°C (kW)	3,7 to 15,6	4,8 to 20,8	7,0 to 29,2
Boiler capacity 80/60°C (kW)	3,4 to 16,4	4,3 to 19,4	6,3 to 27,2
Standard annual efficiency (%)	109	109	109
NOx standard emission factor (mg/kWh)	< 15	< 20	< 20
CO standard emission factor (mg/kWh)	< 5	< 10	< 10
Dimensions (mm)			
Height	1600	1600	1600
Width	600	600	600
Depth	600	600	600
Weight (kg)			
BBS with layer tank	139	139	147
BBS with coiled tube tank	154	154	162
Colour	white (RAL 9016)	white (RAL 9016)	white (RAL 9016)
Tank volume (l)			
Layer tank	135	135	135
Coiled tube tank	130	130	130
Performance characteristics (NL)			
Layer tank	1,8	2,3	2,8
Coiled tube tank	1,4	1,8	2,1

The condensing boiler is available for natural gas E or LL. A conversion kit is offered for liquid gas. Subject to technical modifications and errors.

Comparison of emissions

BRÖTJE EcoCondens BBS gives rise to emission levels far below all legal limits. This protects the environment and can help you obtain state subsidies.



**BRÖTJE – FOR MORE THAN 80 YEARS
 A HALLMARK OF HIGH PERFORMANCE**

Established in 1919, BRÖTJE today is one of the leading brands whenever cosy warmth and hot water are needed. With many advanced developments – in particular in the field of condensing technology – BRÖTJE have time and time again demonstrated their innovative spirit and capability. They have been awarded the mark of "very good" by Stiftung Warentest for their heat generators on three occasions. Since 1999, BRÖTJE have been a member of BAXI GROUP Ltd., one of Europe's major groups involved in advanced heating technology. With a total of 28 sites in 10 countries, innovative products to the highest state of the art will continue to be guaranteed in the future.

Your BRÖTJE dealer

Product quality

BRÖTJE products are tested according to a stringent company standard and strict quality requirements that go far beyond the standards commonly used. As early as in the development phase of our products, we insist on the highest quality of single components which are constantly monitored throughout production up to final testing.

Everything's BRÖTJE – everything's perfect.

From gas, oil or wood-fired boilers to solar systems with collectors on or inside the roof to well-designed flat or towel radiators, BRÖTJE offer great quality and a wide range of matching components.

Subject to modifications and errors. Dimensions are quoted without engagement. EuroCondens BBS / Z 06/12/11/10/9/8/7/6

