



Heating stove BIO-CET B 18/24/30kW

- BIO-CET B steel hot water boilers for solid fuel firing are engineered for central heating and for cooking. Heat output transferred to heating water is 12, 19 and 25 kW, and 5-6 kW is transferred to the surrounding space through the upper heating plate. The name "floor" does not exclude heating of more than one floor if the heating requirement is matched to output. They can be connected to closed and open central heating systems, with and without the accumulation tank.
- The boiler is easily adapted to requirements for space heating by changing the position of the firebox grate. Modern design and dimensions in line with usual furniture standards enable good integration into a kitchen space, as well as into any other room inside the house, that has a direct connection to the chimney. Boilers are manufactured to the EN 12815 standards and in accordance with ISO 9001 and ISO 14001.

PRODUCT CHARACTERISTICS



ADJUSTABLE

Changing the position of the lattice grid simply adjusts to the needs for space heating.



EFFICIENT

The appropriate dimensioned firebox and multiple heat exchange passages ensure a high degree of boiler utilization.



MODERN DESIGN

It makes installing these boilers acceptable in the kitchen, but also in some other part of the house or apartment where there is a chimney connection.



MAINTENANCE

The large door and boiler provide fuel for solid fuel (length 33cm) and easy cleaning and maintenance.

Centrometal BIO-PEK B		BIO-PEK B 17 B	BIO-PEK B 23 B	BIO-PEK B 29 B
Total thermal output	kW	18	24	30
Rated thermal output (water)	kW	12	19	25
Rated thermal output to the surrounding area	kW	6	5	5
Max. operating temperature	°C	90	90	90
Max. operating pressure	bar	2,5	2,5	2,5
Boiler flue gas exhaust diameter	Ø mm	150	150	150
Boiler water content	lit	23	30	38
Dimensions (Width*Depth*Height)	mm	1000*635*885	1100*635*885	1150*635*885
Oven size (Width*Depth*Height)	mm	260*400*415	260*400*415	260*400*415
Upper boiler door opening	mm	150*240	150*240	150*240
Lower boiler door opening	mm	275*205	275*205	275*205
Boiler mass	kg	205	234	258

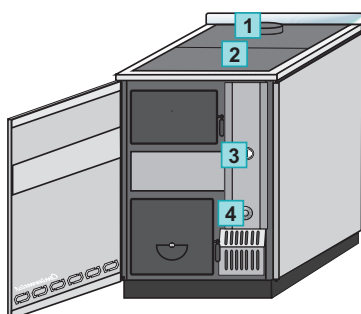
- Hot water boilers for central heating systems and cooking produced for solid fuel firing.
- Part of the heat output is transferred to the surrounding area through the upper heating plate.
- A carefully sized combustion chamber and a number of flue gas passes enable high performance temperature exchange and cooking on the upper plate.
- The option of changing the position of the firebox grate by an integrated mechanism enables cooking all year round.
- Standard form includes the heat exchanger and connection to the thermal safety valve which enables the installation to a closed central heating systems.
- The big door enables firing with big pieces of wood (33cm long), as well as easy cleaning and maintenance.
- Economically and ecologically highly acceptable.
- Standard delivery also includes the draught regulator and thermomanometer.
- The central heating circulation pump is controlled by a built-in thermostat.
- Integrated accumulation tank CAS/-B/-S/-BS enables easy cooking all year round.



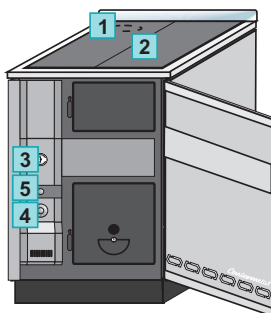
BASIC DIMENSIONS:

- 1 Flue gas exhaust opening
- 2 Upper plate
- 3 thermomanometer
- 4 Draught regulator
- 5 Opening for cleaning

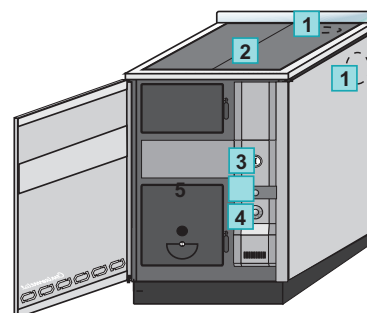
- 6 Boiler water inlet
- 7 Connection for the installation of the thermal valve temperature sensor
- 8 Heat exchanger connection
- 9 Boiler outlet



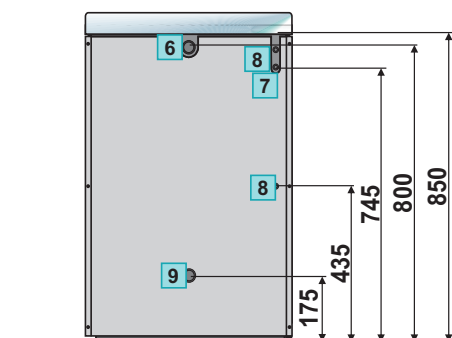
BIO-CET B 17



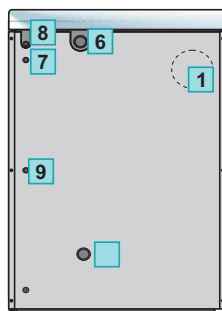
BIO-CET B 23/29
(made in left version)



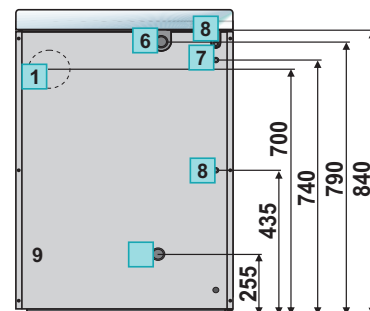
BIO-CET B 23/29
(made in right version)



BIO-CET B 17



BIO-CET B 23/29 (made
in left version)



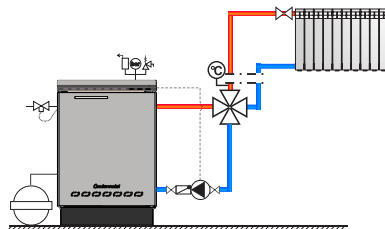
BIO-CET B 23/29 (made
in right version)

DELIVERY AND ADDITIONAL EQUIPMENT:



Delivery:

Boiler with casing, a built-in thermal pressure gauge, draft regulator, pump thermostat, the cleaning kit and a handle for lifting the grate on a wooden pallet



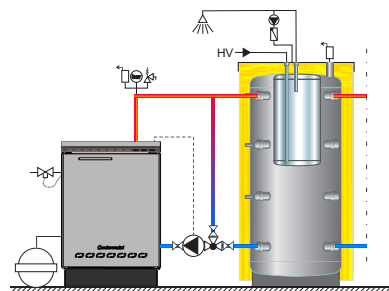
Directly to the heating system manual 4-way mixing valve;

Closed heating system

thermal safety valve, safety-air vent group (2.5 bar) and expansion vessel;

Open heating system

open expansion vessel



With CAS accumulation tank

accum. tank CAS/-B/-S/-BS, 3-way thermostatic mixing valve LTC, VTC ..(60°C)

Closed heating system

thermal safety valve, safety-air vent group (2.5 bar) and expansion vessel;

Open heating system

open expansion vessel

Boiler BIO-CET B 23 i 29

Produced in two versions:

- BIO-CET B – D made in right version
- BIO-CET B – L made in left version

Boilers can be connected to the chimney at the rear, lateral or top right side of the boiler – the right design or the rear, lateral or top left side of the boiler – left design.

Boiler BIO-CET B 17

Boilers are connected to the chimney from the upper side to the flue gas connector