

# Water fireplace MBA PW 17 guillotine

MBA/PW/17/G/W

EAN:

5903950078882

Fireplace insert with water system adapted for intensive burning. Unique care for details, great technical parameters and precision of execution, these kind of features characterize this line of fireplaces.



## Technical Specifications

Rated output (kW)	17,0
Average power of the water (kW)	9,0
Range of heating power (kW)	9.0 - 19.5
Efficiency (%)	83,0
The maximum operating pressure (bar)	2,0
Exhaust outlet diameter (mm)	200
Complies with Ecodesign criteria	Yes
Designed for heat recovery unit	Yes
Fuel type	recommended seasoned hardwood with moisture $\leq 20\%$
Weight (kg)	414,5
Water capacity (l)	47,0
CO emission (at 13% O <sub>2</sub> ) $\leq$ given in %	0,09
Flue gas temperature (°C)	201,0
Max log length (cm)	50
Emission of dust (mg/Nm <sup>3</sup> )	40,0
Compliance with BlmSchV 2 standard	Yes

The energy efficiency index EEI	109,32
Glazing type	straight
Opening of the doors	lift up
Material	steel
Width (cm)	96,50
Height (cm)	142,90
Depth (cm)	53,70
External air inlet	Yes
The liner of the combustion chamber	Yes
Ashpan	No
Decorative printed glass	Yes
Coil	Yes

## Features

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### MAXIMUM USE OF ENERGY

Made of high quality steel resistant to very high temperatures.

Efficient burning process & maintaining of temperature to keep the warmth for longer thanks to lining of combustion chamber with Acumotte - heat accumulating material which raises the temperature in the combustion chamber.

Special water system which allows that big amount of the heat from fumes is transferred into heating system, thanks to that high energy efficiency is obtained.

Protection against overheating by the built-in coil pipe - connector input / output 1/2".

Fireplace's doors resistant to tensions and stable thanks to the use of closed profile. Door seals designed in profiled canal what guarantees proper adherence and protects against eventual falling out while operating.

More ecological combustion thanks to double deflector system which extends the exhaust gas path.

Air supplied from outside only thanks to built-in an external air inlet fi 125mm with throttle valve. Air adjustment with just one regulator which prevents from improper usage.

Triple system of combustion chamber's air venting: primary air - secondary air supplied under the grate through holes in a back wall. Additionally clean glass system designed (air curtain).

### SAFETY AT THE HIGHEST LEVEL

Perfect tightness thanks to the solid welds made in a noble gas shielding.

All steel elements are laser cut and bent on CNC bending machines.

Insert's front equipped with a heat resistant ceramics that withstands temperatures up to 800oC.

## CONVENIENT TO USE

Grateless fireplace insert - full combustion on the dust what means that firewood burns into fine ash at minimum amount. Obtained thermal energy from firewood is exploited to the maximum. The bottom plate of the insert is significantly reduced relative to the door.

The door of the insert works in the lift up system - the window is lifted up. This system was built based on the counterweight - the steel cable pulley works in guides on two ball bearings, thanks to which the weight of the door is distributed evenly. They move on fireproof bearings along the sliding guides mounted in the frame, which guarantees their light, quiet and trouble-free operation. Movement of the door runs a few millimetres away from the body, which prevents damage to the seal. Lockable doors are pressed with great force into the frame, thanks to which the furnace is completely sealed.

Thanks to the raised and lowered door, you can load the right amount of wood at a time. An additional mechanism that allows the side windows to be opened, making them easier to clean and to keep the furnace clean.

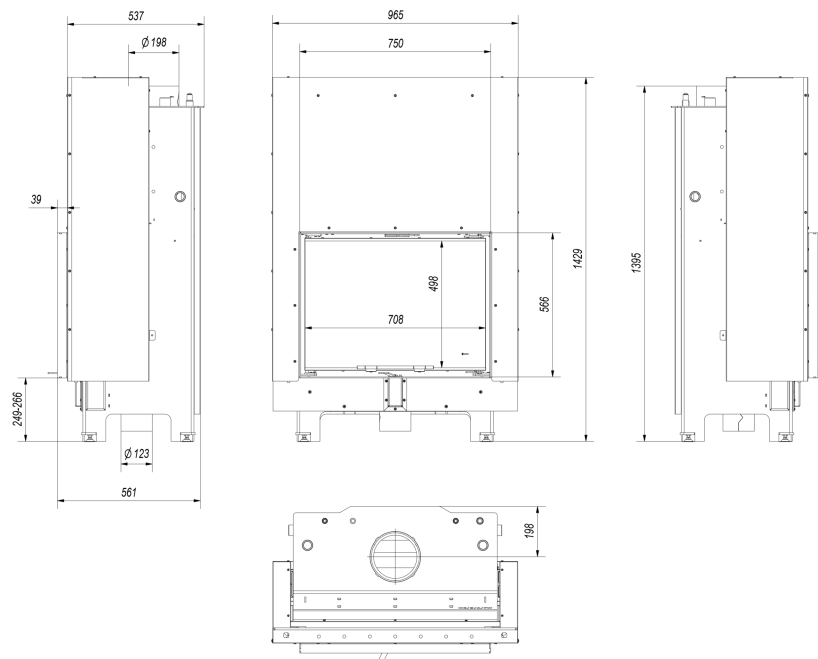
Reduced soot deposition through a system of pure glass (air curtain).

## MODERN DESIGN

Decorative, heat-resistant glass that can withstand temperatures up to 800oC. It gives a fireplace a modern and elegant look, visually enlarges the front of the insert.

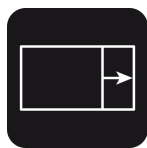
# Technical drawing

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## Additional options

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### Spring for door shutting

200,00 zł

Spring for door shutting - automatically closes the door.



### Steel frame for MBA 17 guillotine

480,00 zł

Modern steel decorative frame for the fireplace insert MBA 17 guillotine.



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