

# Water fireplace MBO PW 15

MBO/PW/15/W

EAN:

5903950078899

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)	15,0
Average power of the water (kW)	8,0
Range of heating power (kW)	8.0 - 17.0
Efficiency (%)	82,0
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)	306,0
Water capacity (l)	42,0
CO emission (at 13% O <sub>2</sub> ) $\leq$ given in %	0,10
Flue gas temperature (°C)	204,0
Max log length (cm)	50
Emission of dust (mg/Nm <sup>3</sup> )	39,0
Compliance with BlmSchV 2 standard	Yes
The energy efficiency index EEI	108,01
Glazing type	straight

Opening of the doors	to the left
Material	steel
Width (cm)	83,00
Height (cm)	133,50
Depth (cm)	47,90
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.

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

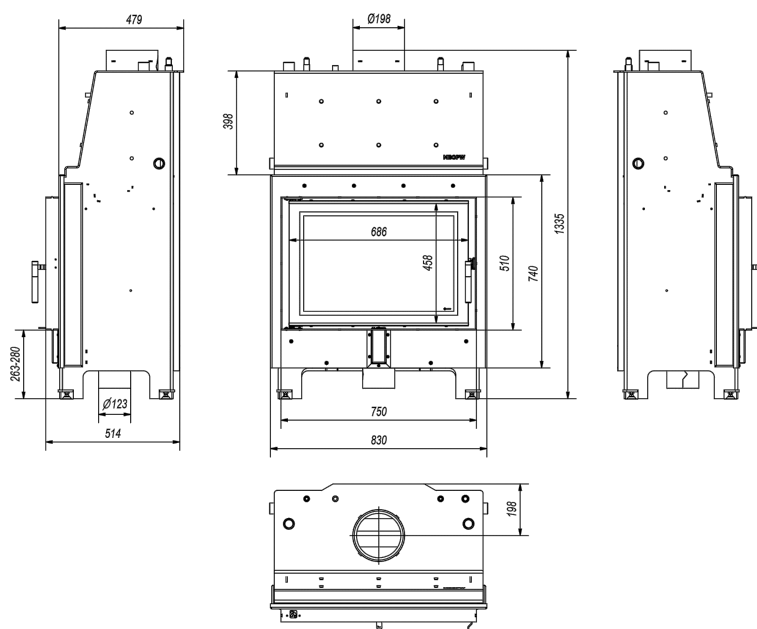
## MODERN DESIGN

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.

Doors are equipped with modern handle.

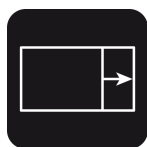
## Technical drawing

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## Additional options

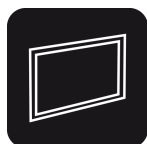
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Spring for door shutting AB S/2,  
ORBIT MB

120,00 zł

Spring for door shutting - automatically closes the door.



Steel frame for MBO 15

480,00 zł

Modern steel decorative frame the traditional and water fireplace insert MBO 15 with a straight front.



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