

# KFD

KFD Sp. z o.o. – established 1996



## ECO FIREPLACES

### ECO iLUX 90+

cast iron fireplace inserts for continuous burning

## NEW

#### standard version

traditional coated front



#### premium version

powder coated front



## ECO iLUX 90+ the real heat

- Solid, cast iron construction
- Nominal heat output 11,7 kW
- The inserts are EN 13229 and DIN+ compliant
- Marked with the European CE safety mark
- Designed according to the latest design trends

CE  
DIN+

Fireplace insert **ECO iLUX 90+** is an ideal fusion of contemporary design and solid construction in high quality cast iron.

Very good heating parameters, which are the result of efficient and clean combustion, make **ECO iLUX 90+** an unique fireplace insert. **ECO iLUX 90+** guarantees a failure-free performance for many years, even if the fireplace is operated continuously.

Wide glass format provides a wonderful fire view. Beautiful, simple design, without any unnecessary ornamentation makes that **ECO iLUX 90+** is a versatile fireplace insert, which fits modern and stylized interior arrangements.

	heating power range 8-16 kW
	efficiency 77,2%
	heated surface 80-160 m <sup>2</sup>
	heated capacity 200-400 m <sup>3</sup>
	modern double combustion system
	direct air inlet
	installation legs

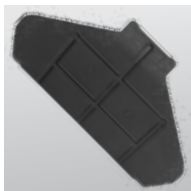
Optional equipment:

	side panels in vermiculite
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A modern afterburning system provides a higher heating efficiency, thanks to which **ECO iLUX 90+** is an efficient and ecological heating device.



Large cast iron smoke deflector provides that the flow path of exhaust gases inside the insert is extended. In consequence, heating efficiency is increased and combustion becomes more efficient and ecological.



### NEW

A modern design with the wide glass, this is why **ECO iLUX 90+** can be used in modern as well as stylized fireplaces, providing a perfect view on the fire.



The main raw material used for the construction of the body of the **ECO iLUX 90+** is cast iron of highest quality, which ensures durability and safety.



### NEW

In Premium version the door can be opened either on the left or right side.

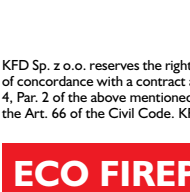


The glass is made of transparent ceramic, with thermal resistance up to 800°C. Thanks to combination of pyrolysis effect and proper air circulation the glass stay clear for longer.



### NEW

The use of vermiculite side plates (optional) increases the temperature, in consequence heating efficiency is increased by an additional 5%. This solution also favours ecology and help to keep the glass clear.



Door is blocked by a precise lock with ensures good tightness of the combustion chamber. The door is equipped with a new, convenient handle.



(handle in premium version)



Fireplace insert is equipped with solid, cast iron grate. There is also an ash pan for easy ash removal.



Legs with adjustable height allow for easy and quick installation and provides stability of the fireplace insert.

## KFD ECO iLUX 90+

### technical data

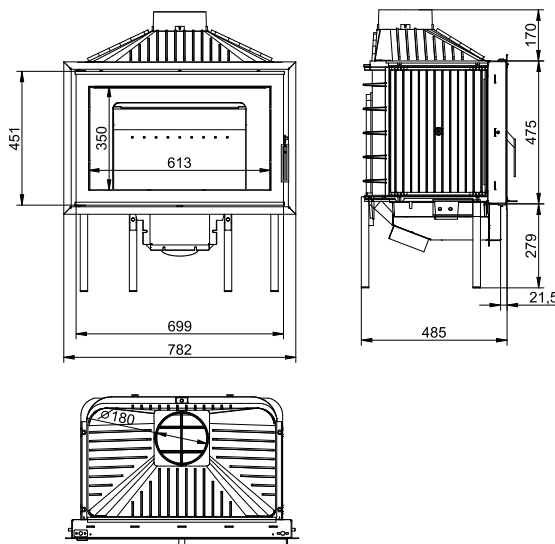
rated power [kW]*	11,7
heating power range [kW]	8-16
efficiency [%]*	77,2
CO emission at 13% O <sub>2</sub> [%]*	0,09
heated surface [m <sup>2</sup> ]	80-160
heated capacity [m <sup>3</sup> ]	200-400
maximum log length [cm]	60
maximum load of wood [kg]	4
minimum effective chimney height [m]	4
minimum negative pressure in chimney duct [Pa]	12

### dimension and weight\*\*

total dimensions, height x width x depth [mm]	924 x 782 x 485
front dimensions, width x height [mm]	782 x 451
front glass dimensions, width x height [mm]	700 x 445
smoke outlet diameter [mm]	180
air inlet diameter [mm]	125
weight [kg]	120

\*Parameters according to the EN 13229 norm

\*\*In connection with established tolerances in the production stage, there may be minor differences between the finished product and the drawings with dimensions. In cases where the exact dimensions of the product are essential for planning the mounting location, please obtain the real dimensions of the fireplace insert.



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DIN+

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