

KFD



KFD Sp. z o.o. – established 1996

MAX 5270

unlimited possibilities

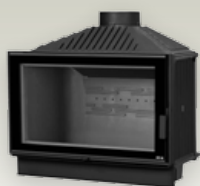
Cast iron fireplaces inserts, cassettes
and wood fireplace stoves for continuous burning

INNOVATIVE SOLUTIONS – MODERN DESIGN



 MODERN DOUBLE
COMBUSTION SYSTEM

- Highest quality cast iron
- Heating power range 8-16 kW
- Meet EN 13229 norm and are marked with the European CE safety mark
- Equipped with a modern double combustion system



fireplace inserts

KFD ECO iMAX 5270 A

NEW

KFD ECO iMAX 5270 AIR

NEW

KFD ECO MAX 5270

fireplace cassettes

KFD ECO M 5270

fireplace stoves

KFD STO M 5270

KFD STO MAX 5270

NEW

KFD MAX 5270 – product characteristics and advantages

Reliable high quality – this is the best and shortest description of **KFD MAX 5270** product range.

KFD MAX 5270 inserts, cassettes and stoves employ the newest solutions and most advanced technologies



SOLID AND DURABILITY

Robust construction in cast iron of highest quality ensures safety and reliability for many years of non-stop burning.



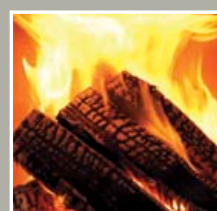
EFFICIENCY AND ECOLOGY

Modern double combustion system ensures the maximum use of the energy generated during burning of the wood and protects the environment.



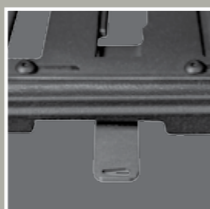
HIGHER HEATING EFFICIENCY

A wide deflector forces a longer circulation of combustion gas inside the hearth. Thanks to this, the efficiency is higher and combustion is more ecological.



SAFETY AND EXCELLENT FIRE VIEW

All glasses are made of transparent ceramic, with thermal resistance up to 800°C and thermal shocks. Thanks to combination of pyrolysis effect and proper air circulation the glass stays clear for longer.



HEATING OUTPUT CONTROL

Precise regulation of the air inlet, gives control over the combustion and heating output of the fireplace insert.



TIGHTNESS, AESTHETICS AND COMFORT

Door is blocked by a precise lock, which closes the door tightly. The products are equipped with a "cold handle" or a glove, which makes the operation comfortable and secure.



COMFORT OF USE

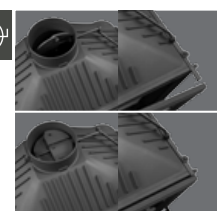
Fireplaces inserts, cassettes and stoves are equipped with ash pan for easy ash removal.



EASY MAINTENANCE

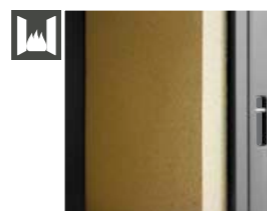
All parts can be dismantled from the inside of the hearth. In consequence it allows easy maintenance, with no need to dismantle the insert.

Optional equipment



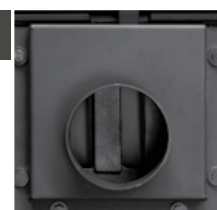
AUTOMATIC DAMPER

Automatic damper (applies fireplaces insert models KFD ECO MAX 5270D) allows for a precise adjustment of the chimney draught.



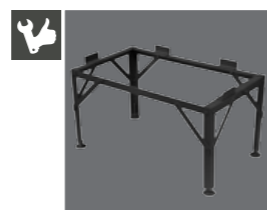
SIDE VERMICULITE PANELS

When using the side panels made of vermiculite the temperature in the hearth of the insert is raised and efficiency increased with additionally 5%. Thanks to that a better combustion is achieved and the glass stays cleaner for longer time. The vermiculite panels also give an impression of a traditional fireplace.



DIRECT AIR INLET

Possibility of being fitted with a direct air inlet to the fireplace (applies all versions of fireplace inserts/cassettes and KFD ECO STO M stoves), ensures the proper functioning of modern, energy-efficient homes.



INSTALLATION STAND OR LEGS

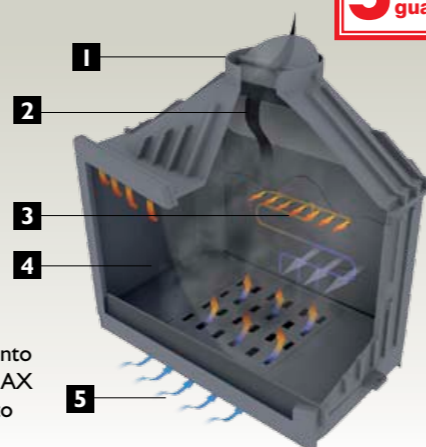
The optional stand or set of legs makes the installation very easy and fast. This optional equipment enable very precise height regulation, which ensures a perfect stability of the installation. This option is suitable for fireplace inserts and cassettes.

5 years guarantee

Modern double combustion system in all models of KFD MAX 5270 range

1. Smoke outlet. KFD ECO MAX 5270D fireplace inserts have as standard equipment an automatic damper.
2. Smoke deflector.
3. Double combustion system air inlet.
4. Ceramic glass resistant to thermal shocks and temperature up to 800°C.
5. Adjustment of the primary air inlet.

Primary air inlet provides air used during the lighting up process. The secondary air which enters into the fireplace already heated up makes it easy to afterburning. Thanks to such solution, the KFD MAX 5270 products achieve higher heating efficiency. At the same time the combustion is cleaner due to lower emission of unburned particles to the atmosphere.



fireplace inserts

KFD ECO iMAX 5270 A/AIR

NEW

KFD ECO iMAX 5270 are the newest models in the wide product range.

Besides the modern double combustion system, these fireplace inserts are equipped with several innovative solutions. The iMAX AIR version is equipped with a complete direct air inlet system, which is integrated in the base of the fireplace insert. The combination of airtight construction of the KFD iMAX inserts and the efficient double combustion system offers very good heating parameters.

KFD ECO iMAX are also the best choice for those of us that appreciate modern design. The very simply, almost invisible door frame, together with the big glass with black and elegant glass print paint around, offers an excellent fire view.

- 🔥 heating power range 6-14 kW
- 📏 heated surface 60-140 m²
- 📦 heated capacity 150-350 m³
- % efficiency 70,5%
- 🔥 modern double combustion system
- 🔥 direct air inlet (KFD ECO iMAX 5270 AIR)
- 👉 installation stand or legs (KFD ECO iMAX 5270 AIR)

For detailed parameters and dimensions please refer to page 12.

Optional equipment:

- 🏠 side panels in vermiculite

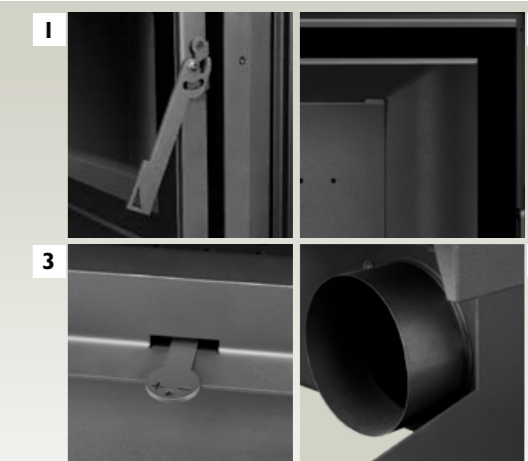


KFD ECO iMAX 5270 A



KFD ECO iMAX 5270 AIR

MORE FIRE & HEAT









1. precise and comfortable lock
2. big fire view with black and elegant glass print
3. precise power regulation
4. direct air inlet

KFD ECO MAX 5270




Fireplace inserts **KFD ECO MAX5270** are high quality heating devices. Solid cast iron elements guarantee safe operation for many years of continuous burning.

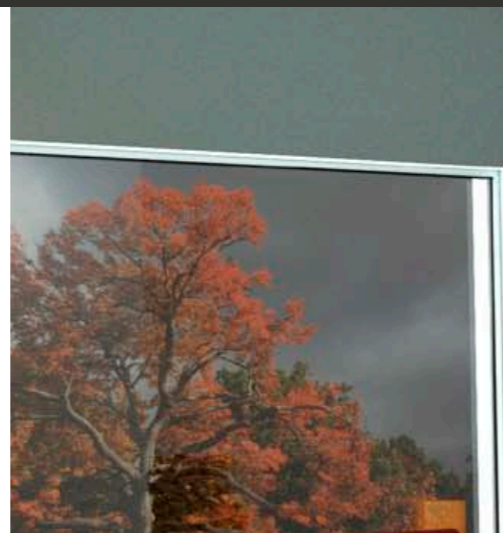
KFD ECO MAX 5270D models are equipped with an automatic damper, which offers comfortable and safe operation of the fireplace insert, as well as guarantees achieving of even better heating parameters.

-  heating power range 10-18 kW
-  heated surface 100-180 m²
-  heated capacity 250-450 m³
-  inserts without damper 60%
inserts with damper 68%
-  modern double combustion system
-  automatic damper (all models marked with "D")

For detailed parameters and dimensions please refer to page 12.

Optional equipment:

-  direct air inlet
-  side panels in vermiculite
-  installation stand or legs



KFD ECO MAX 5270
front glass



MORE FIRE & HEAT

The fireplace inserts are available with:

- one side glass, either left (L) or right (R) - flames can be admired from two sides. It is the best solution when the fireplace is designed in a corner.
- two side glasses (LR) – fire show can be seen in "3D". It is really impressive, especially when the fireplace is located in the center of the living room.



4 **KFD ECO MAX 5270D**
automatic damper, front glass



KFD ECO MAX 5270D L
automatic damper, glass on front and left side



KFD ECO MAX 5270D R
automatic damper, glass on front and right side



KFD ECO MAX 5270D LR
automatic damper, glass on front, left and right sides

Fireplace cassettes **KFD ECO M 5270** are the ideal solution for modernization of existing open fireplaces and for new fireplaces installed in rooms in which lower heating output is enough.

Solid quality is not the only advantage of the **KFD ECO M 5270** fireplace cassettes. High quality cast iron, from which the parts of cassettes are made, guarantees safety, even if the fireplace is being used during long heating seasons. Precise regulation of the combustion air allows efficient burning without damper.

Its original and simple design, without unnecessary ornaments allows to create both stylized and modern fireplaces.

- **KFD ECO M 5270 L or R** – fireplace cassettes with one (left or right) side glass
- **KFD ECO M 5270 LR** – fireplace cassette with glass on both sides (left and right)

🔥 **heating power range 8-16 kW**

📏 **heated surface 80-160 m²**

📦 **heated capacity 150-350 m³**

% **efficiency 68%**

🔥 **modern double combustion system**

For detailed parameters and dimensions please refer to page 12.

Optional equipment:

🔥 **direct air inlet**

🏠 **side panels in vermiculite**

🔧 **installation stand or legs**



KFD ECO M 5270

front glass



KFD ECO M 5270 L

glass on front and left side



KFD ECO M 5270 R

glass on front and right side



KFD ECO M 5270 LR

glass on front, left and right sides

KFD STO M 5270**THE ONE AND ONLY**

KFD STO M 5270 are ideal proposal for those who likes using wood stoves for heating their houses and are fans of simply design. Universal design of these wood stoves makes them perfectly fit into both stylish and modern interiors.

There are versions with only front glass, as well as one side glass and both side glasses. The model with three glasses allows you to watch the fire from different sides, with "3D" effect. Thanks to the proper air circulation and excellent combustion, the glass stays clear for longer.

 heating power range 6-14 kW

 heated surface 60-140 m²

 heated capacity 200-400 m³

 efficiency 70,5%

 modern double combustion system

 quick & easy installation

For detailed parameters and dimensions please refer to page 12.

Optional equipment:

 direct air inlet

 side panels in vermiculite

**KFD STO M 5270**

front glass

**KFD STO M 5270 L**

glass on front and left side

**KFD STO M 5270 R**

glass on front and right side

**KFD STO M 5270 LR**

glass on front, left and right sides

KFD STO MAX 5270

UNLIMITED POSSIBILITIES

NEW

Modern wood stoves **KFD STO MAX 5270** offers unlimited possibilities in terms of installation and interior design. The base of the stove in form of table gives the possibility to install it in many different ways, depending on the layout of the room.

The **KFD STO MAX 5270** wood stove needs much less space than traditional fireplace, and its installation is much faster and cheaper. Besides, if you move to a new house you can always dismount the stove and take it with you.


 heating power range 6-14 kW

 heated surface 60-140 m²

 heated capacity 150-350 m³

 efficiency 70,5%

 modern double combustion system

 stove base in form of table

For detailed parameters and dimensions please refer to page 12.

Optional equipment

 side panels in vermiculite

Examples of installation of the hearth on the table base

**KFD STO MAX 5270**

front glass

**KFD STO MAX 5270 L**

glass on front and left side

**KFD STO MAX 5270 R**

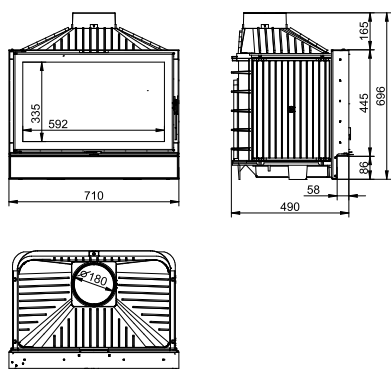
glass on front and right side

**KFD STO MAX 5270 LR**

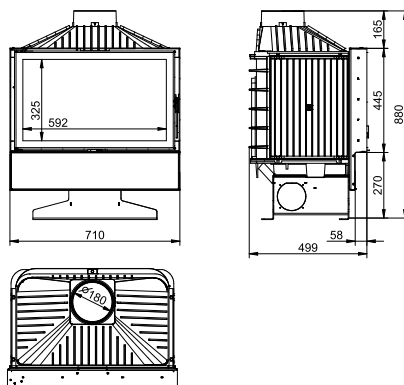
glass on front, left and right sides

FIREPLACE INSERTS

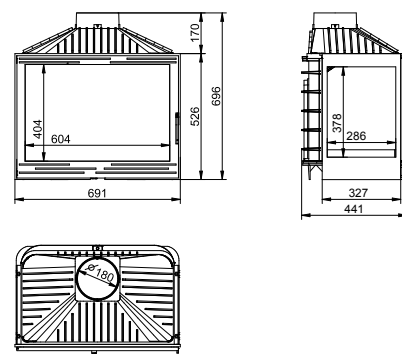
KFD ECO iMAX 5270 A



KFD ECO iMAX 5270 AIR



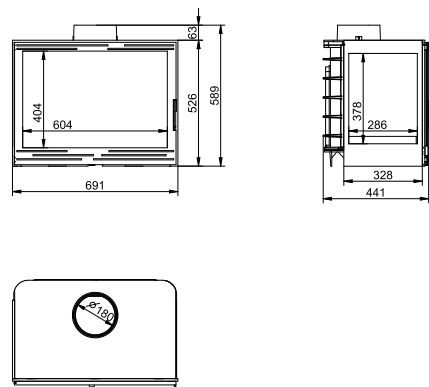
KFD ECO MAX 5270 (L/R, LR)



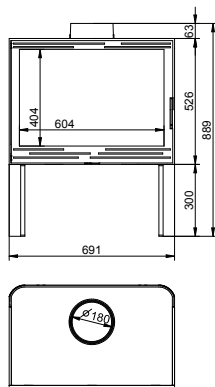
FIREPLACE CASSETTES

WOOD STOVES

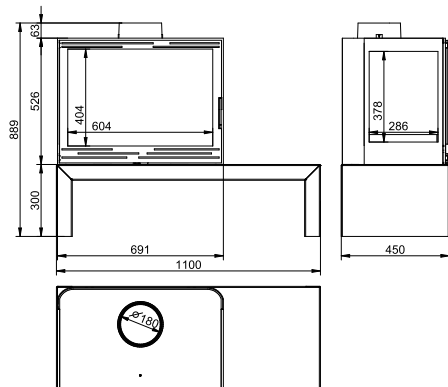
KFD ECO M 5270 (L/R, LR)



KFD STO M 5270 (L/R, LR)



KFD STO MAX 5270 (L/R, LR)



technical data	fireplace inserts KFD ECO iMAX 5270 A/AIR	fireplace inserts KFD ECO MAX 5270 without/with damper	fireplace cassettes KFD ECO M 5270	wood stoves KFD STO M/ MAX 5270
rated power [kW]*	10	14	12	10
heating power range [kW]*	6-14	10-18	8-16	6-14
efficiency [%]*	70,5	60/68	68	70,5
CO emission at 13% O ₂ [%]*	0,27	0,19/0,20	0,3	0,27
heated surface [m ²]	60-140	100-180	80-160	60-140
heated capacity [m ³]	150-350	250-450	200-400	150-350
maximum log length [cm]	60	60	60	60
maximum load of wood [kg]	3,8	5,5	4,5	3,8
minimum effective chimney height [m]	4	4	4	4
minimum negative pressure in chimney duct [Pa]	12	12	12	12
dimensions and weight				
total dimensions, height x width x depth [mm]	710 x 696 x 490 / 710 x 880 x 499	696 x 691 x 441	589 x 691 x 441	889 x 691 x 446 / 889 x 1100 x 450
front dimensions, width x height [mm]	710 x 445	691 x 526	691 x 526	691 x 526
front glass dimensions, width x height [mm]	669 x 409	615 x 420	615 x 420	615 x 420
side glass dimensions, width x height [mm]	n/d	395 x 297	395 x 297	395 x 297
smoke outlet diameter [mm]	180	180	180	180
air inlet diameter [mm]	100	100	100	100 / n/a
weight [kg]	99,5 / 105	97	92	120

*Parameters according to the EN 13229 norm



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