

Metaloterm® EcoFire

Manual and safety instruction



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1. General information

For use of the EcoFire, please take note and respect all of the information below.

Setting safety in advance

As with any product which is used for burning, a Metaloterm® EcoFire produces heat. Therefore, it should be located in a suitable place in a distance of min. 40 cm from inflammable materials. It should be situated at least 40 cm away from any furniture. Children and pets should stay a safe distance away from fire. Always install the EcoFire with appropriate bolts/screws to the solid world (wall and floor). The type of fixation is depending on the wall and floor types and may only be determined and executed by a responsible installer.

Starting and operating the fire safely

Metaloterm® EcoFire is only suitable to burn bioethanol (alternatively candles, garden candles, small torch, fire bowls can be used).

Using other materials or substances may lead to the damage, fire, severe injury or health damage.

Burner should be filled maximum up to three quarters of height. Take the burner out of Metaloterm® EcoFire before refilling. In this situation you will be perfectly sure the burner is cold, and at the same time you will have a full control of the fuel level in the burner. Never leave the burner open when possibly containing fuel. The fuel (any volume) evaporates which causes explosion risks.

The fire should only be started by a competent adult, respecting all safety regulations.

Ignition may only be done when the front is closed and locked , by using a long lighter through the small hole in the side of the EcoFire.

The EcoFire must be ignited directly after (re-)filling and burned till empty.

If you stop the fire before the burner ran empty, use only the little cover plate to stop the fire and keep the burner covered by that plate. Only restart after complete cool down and do not remove the cover plate until you restart.

You must avoid filling and lighting the fire appliance while it is hot (for example, immediately after the termination of the fire or after the fire has gone out). Fuel poured into a hot burner evaporates very quickly creating strong vapours, these may ignite and flash causing an explosion and burning.

Flame appearance

First 2-3 minutes after ignition the flame looks very small. After that time the whole unit is getting hotter, and evaporation of bioethanol reach the optimal level to create the right flame appearance.

To adjust the flame, please use the draft shutter, located at the backside of an elbow. By moving the shutter, You adjust the draft, and at the same time the appearance of the flame.

Extinguishing the fire

To extinguish the fire/biofuel, cut off the air supply by the little cover plate that is supplied to the EcoFire. The container with the burning biofuel is hot, so for closing the burner always use that included cover plate only. The EcoFire and the immediate surroundings will stay hot for some time after use. Keep the cover plate in place until there is a complete cool down and when you will restart a fire. Do not remove the cover plate before.

2. SPECIFICATIONS

General

Performance	approx. 2 kW
Heat housing	ø200 mm x 495 mm (fire cell)
Fuel type	bio-fuels: certified bio ethanol or indoor candle
When used outdoors	garden candles, small torch, fire bowl
Emission on ethanol	approx. nil – some water vapor - internal use allowed
Burner inside	Cylindrical ø100 mm, height 100 mm
Capacity of burner	max. 500 ml (do not overfill)

Dimensions

Housing	ø 200 mm
Tubes (foot and flue)	ø 130 mm
Housing height	495 mm
Base plate	ø 400 mm
Total height	2060 mm (included outlet flue)

3. ASSEMBLY INSTRUCTION



