

Wood Pellet Stove

301438 Wood Pellet Stove Free – Black

Certification: Class A+, output 10 kW, consumption 2.3 kg/h, ECODESIGN 2022



1 Description:

A wood pellet stove is an economical, ecological and responsible solution. Thanks to the calorific power of pellets and the high performance of the units, efficiency exceeds 90%. The models are built with high-quality materials and feature special characteristics that distribute heat evenly for longer, achieving a very pleasant space.

They are also very simple to use.

It provides efficient, safe and environmentally friendly heating without depending on electricity.

PELLET: RENEWABLE ENERGY

It is an ecological fuel with very low moisture content, made from sawdust or other by-products of the plant kingdom. Pellets are CO₂-neutral and burn completely, generating minimal ash residue. The European standard for pellets is UNE-EN ISO 17225-2:2014.



2 Technical Specifications:

Model

Free, wood pellet stove.

Colour options: Black

Technical specifications

Heat output (max)	kW	12
Thermal efficiency (nominal)	%	91 / 93
Consumption (min – max)	kg/h	0.9 / 2.3
Electrical consumption	kW	N/A
Voltage / Frequency	V / Hz	N/A
Control		N/A

Heating characteristics

Room volume	m ³	250
Can be connected to other rooms via ducts		No
Can be used in a combined combustion system		No
Flue gas outlet position		Top
Fuel: Pellets (diameter)	mm	6
Autonomy (min – max)	h	7.4 / 18.8
Hopper capacity	kg	17
Intermittent combustion system		No

Weight / Dimensions

Net weight	kg	100
Dimensions (width × depth × height)	mm	543×571×1030
Flue outlet (diameter)	cm	10

3 **Benefits:**

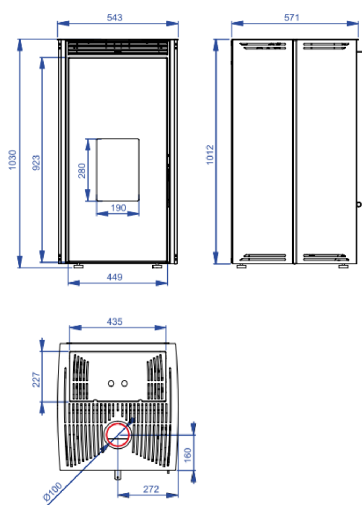
Natural heat without electricity. Airtight hopper. Adjustable draught. Glove included.

Clean-glass system: an external (secondary) air intake channelled to the inner face of the glass, improving combustion and preventing it from blackening quickly, allowing a better view of the fire.

Double-chamber system: creates an air chamber between the combustion chamber and the outer surface of the stove, reducing the unit's surface temperature, minimising possible thermal shock against walls and creating efficient natural convection.

Triple-combustion system: an innovation that maximises performance. A third combustion of the gases unburned in the first and second combustion delivers higher efficiency and real fuel savings – more heat with less consumption.

4 **Installation:**



5 **Applications**

Residential, commercial, office and institutional spaces.