

Wood Pellet Stove

301436 Pellet & Wood Stove Insert Hybrid – Black

Certification ECODESIGN 2022:

Pellet: Class A+, output 9 kW, consumption 2.3 kg/h

Wood: Class A+, output 11 kW, consumption 3.0 kg/h



1 Description:

The unit runs interchangeably on pellets or firewood.

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. You only need to select the desired temperature and the stove automatically heats the room until it reaches the set temperature, keeping it constant.

Pellet stoves operate connected to the electrical mains (230V/50Hz).

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

Insert Hybrid, pellet & wood stove, with weekly programming.

Colour options: Black

Optional accessory for Wi-Fi connectivity.

Technical specifications

Heat output pellet / wood (max)	kW	11 / 14
Thermal efficiency pellet / wood (nominal)	%	91-94 / 84
Pellet consumption (min – max)	kg/h	0.9 – 2.3
Electrical consumption	kW	0.3 / 0.15
Voltage / Frequency	V / Hz	230 / 50
Control		Thermostat
Combustion system		Triple

Heating characteristics

Room volume pellet / wood	m ³	225 / 275
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) / Wood (length)		6 mm / 50 cm
Pellet autonomy (min – max)	h	12 / 4.8
Hopper capacity	kg	11
Intermittent combustion system		Yes

Weight / Dimensions

Net weight	kg	155
Dimensions (width × depth × height)	mm	848×608×643
Flue outlet (diameter)	cm	8

3 Benefits:

Daily and weekly programming – Remote control – Rear flue outlet – Overheat protection – Thermostat and temperature sensor – Flue gas temperature control – Forced flue exhaust – Automatic cleaning programme.

Daily (2 programmes), weekly (4 programmes) and weekend (2 programmes) independent on/off scheduling.

Confort-tek system: the unit self-regulates automatically, letting the user choose the operating mode quickly and conveniently.

Soft-night: for a warm, quiet atmosphere the stove runs at minimum power and disables the fans, working by natural convection.

Auto: the user selects the desired power or temperature and the stove self-regulates intelligently to reach it. **Manual-smart:** the user selects the desired power or temperature and can also adjust fan speed, even stopping the fans at medium or low power.

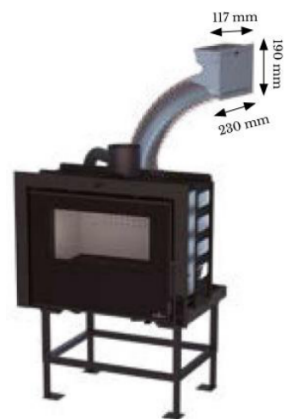
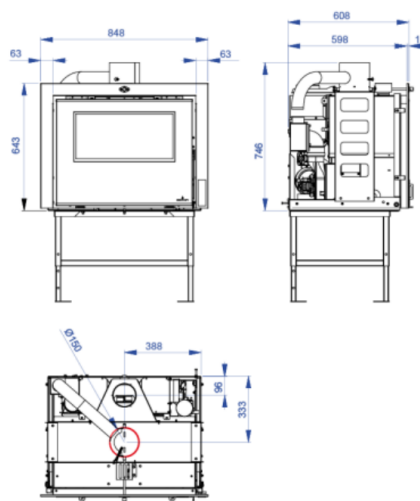
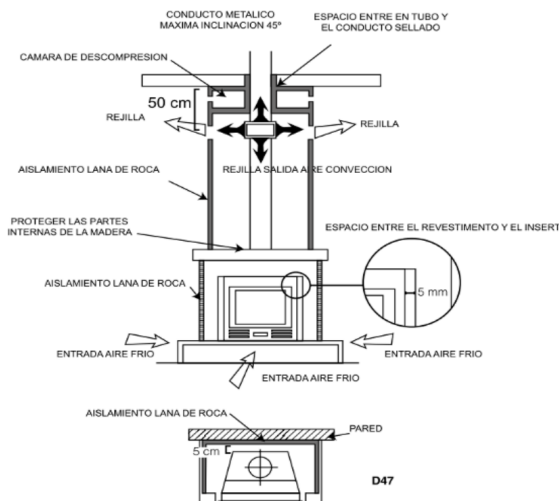
Clean-glass system: an external (secondary) air intake channelled to the inner face of the glass, improving combustion and preventing it from blackening quickly, allowing a better view of the fire.

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.

Modulation system: the model modulates to different power levels once the selected temperature is reached, delivering significant fuel savings. It includes a StandBy system whereby the stove switches off when the desired room temperature is reached and switches on again when that temperature needs to be restored.

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.

4 Installation:



Included loading-kit detail

5 Applications

Residential, commercial, office and institutional spaces.