

Wood Pellet Stove

Technical datasheet

- 300231** CORAL Wood Pellet Stove – Gold
300232 CORAL Wood Pellet Stove – Silver
300249 CORAL Wood Pellet Stove – Black
300648 CORAL Wood Pellet Stove – Ivory

Certification:

Class A+, output 14 kW, consumption 3.1 kg/h

Class A++, output 13 kW, consumption 3.0 kg/h, ECODESIGN 2022



A++

1 Description:

A pellet stove is an economical, eco-friendly and responsible solution. Thanks to the calorific power of pellets and the high performance of the units, efficiency exceeds 90%. The models are made from high-quality materials and feature special functions that distribute heat evenly for longer, achieving a very comfortable space.

They are also very simple to use. You only need to set the desired temperature and the heater automatically warms the room until it reaches the set point, keeping it constant.

Pellet stoves run connected to the mains supply (230V/50Hz).

PELLET: RENEWABLE ENERGY

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



2 Technical Specifications:

Model		
Coral, pellet stove, ductable, with weekly programming.		
Colour options: Gold, Silver, Black and Ivory		
Optional Wi-Fi connectivity accessory.		

Technical specifications		
Heating capacity (max.)	kW	14 / 13
Thermal efficiency (nominal)	%	88 / 91
Consumption (min – max)	kg/h	1.2 / 3.1
Electrical consumption	kW	0.30 / 0.15
Voltage / Frequency	V / Hz	230 / 50
Control	Thermostat	

Heating characteristics		
Room volume	m ³	350 / 325
Can be ducted to other rooms	Yes	
Can be used in a combined combustion system	No	
Flue outlet position	Rear	
Fuel: Pellets (diameter)	mm	6
Autonomy (min – max)	h	6 / 16
Hopper capacity	kg	18
Intermittent combustion system	Yes	

Weight / Dimensions		
Net weight	kg	155
Dimensions (W × D × H)	mm	563×553×1084
Flue outlet (diameter)	cm	8



Benefits:

Daily and weekly programming – Remote control – Rear and side flue outlet – Overheating protection – Thermostat and temperature sensor – Flue-gas temperature control – Forced flue exhaust – Automatic cleaning programme – Clean-glass system – Double-chamber system – Modulation system – Independent ducting system.

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

Ductable via 2 rear ducting kits, Ø80 mm.

Clean-glass system: a system that draws outside (secondary) air into the appliance and channels it across the inner face of the glass, improving combustion and keeping the glass from blackening quickly, which allows a clearer view of the fire.

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

Modulation system: the model modulates to different power levels once the selected temperature is reached, bringing significant fuel savings. It includes a Stand-By system that switches the stove off when the desired room temperature is reached and back on when it must be restored.

Independent ducting system: lets you switch the ducting on/off, so it only runs when needed. Auto-regulation of the auxiliary ducting fan. The ducted-air flow speed can be selected independently of the stove's power level.



Installation:



Optional ducting kit



300339 Right ducting kit 300340 Left ducting kit

Ductable model: heats the room where the unit is located as well as another room.