

# Pellet & Wood Stove

**300230** CAROL MIXTA Pellet & Wood Stove – Black

## Certification ECODESIGN 2022:

Pellet: Class A+, output 9.5 kW, consumption 2.2 kg/h

Wood: Class A+, output 15 kW, consumption 4.3 kg/h

## Technical datasheet



**A<sup>+</sup>**

## 1 Description:

The unit runs on either pellet or wood.

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).

Removable cast-iron grate and removable ash drawer for easy cleaning.

## 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 CO<sub>2</sub>-neutral and burn completely, leaving minimal ash residue. The European standard for pellets is UNE-EN ISO 17225-2:2014.



## 2 Technical Specifications:

| Model                                                      |  |  |
|------------------------------------------------------------|--|--|
| Carol Mixta, pellet & wood stove, with weekly programming. |  |  |
| Colour options: Black                                      |  |  |
| Optional Wi-Fi connectivity accessory.                     |  |  |

| Technical specifications                           |            |                   |
|----------------------------------------------------|------------|-------------------|
| Heating capacity with pellet / wood (max.)         | kW         | 9.5 / 15.0        |
| Thermal efficiency (nominal)                       | %          | 92-95.3 / 84      |
| Pellet consumption (min – max)<br>Wood consumption | kg/h       | 0.68 / 2.2<br>4.3 |
| Electrical consumption                             | kW         | 0.45 / 0.15       |
| Voltage / Frequency                                | V / Hz     | 230 / 50          |
| Control                                            | Thermostat |                   |

| Heating characteristics                   |                |           |
|-------------------------------------------|----------------|-----------|
| Room volume<br>Pellet / wood              | m <sup>3</sup> | 237 / 375 |
| Can be ducted to other rooms              | No             |           |
| Flue outlet position                      | Top            |           |
| Fuel: Pellets (diameter)<br>Wood (length) | mm<br>cm       | 6<br>36   |
| Autonomy with pellet (min – max)          | h              | 11 / 35   |
| Hopper capacity                           | kg             | 18        |
| Intermittent combustion system            | Yes            |           |

| Weight / Dimensions    |    |              |
|------------------------|----|--------------|
| Net weight             | kg | 165          |
| Dimensions (L × D × H) | mm | 884×420×1058 |
| Flue outlet (diameter) | cm | 15           |

### 3 Benefits:

Daily and weekly programming – Remote control – Top flue outlet – Overheating protection – Thermostat and temperature sensor – Flue-gas temperature control – Forced flue exhaust – Double-chamber system – Vermiculite lining.

Daily (3 programs), weekly (3 programs) and weekend (3 programs) independent on/off scheduling.

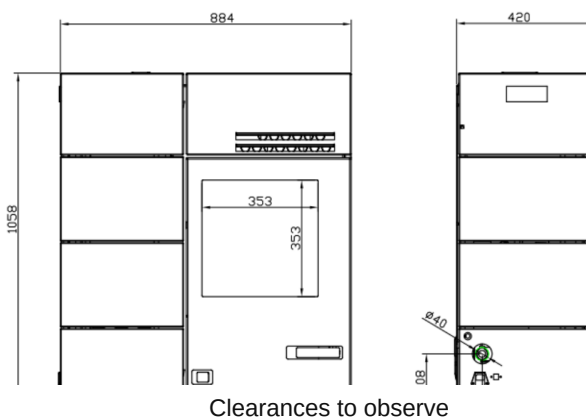
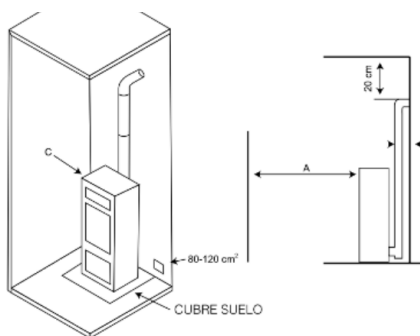
**Clean-glass system:** a system that draws outside (secondary) air into the appliance and channels it across the inner face of the glass, improving combustion and keeping the glass from blackening quickly, which allows a clearer view of the fire.

**Double-combustion system:** technology whereby a second intake of preheated air in the combustion chamber produces a second combustion of the unburnt gases from the first, delivering high efficiency, major fuel savings and reduced polluting emissions.

**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.

**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.

### 4 Installation:



| REFERENCES | FLAMMABLE OBJECTS | NON-FLAMMABLE OBJECTS |
|------------|-------------------|-----------------------|
| A          | 1500              | 800                   |
| B          | 1500              | 150                   |
| C          | 1500              | 400                   |

Dimensions in mm.

### 5 Applications

Residential, commercial, office and institutional spaces.