



FUNDICIO



**CAST IRON
WOOD STOVES**



FUNDICIO



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The wood

A RENEWABLE ENERGY SOURCE

Wood scores high as a source of renewable energy

The combustion of wood is very respectful of the climate because it embodies the cycle of nature: the CO₂ emitted during the combustion of wood is compensated by the one that the tree has absorbed during its life cycle. Furthermore, every tree that is cut down leaves room for planting a new one. Firewood is also a product pruning and forest clearing. This makes heating wood an integral part of the natural cycle and, as such, is a minor contributor to global warming.

Wood heating is an autonomous and safe energy source

Wood is the only source of energy that users can check by themselves, as it is easy and safe to be

stored and can be used whenever is needed. Wood is actually a energy reserve produced by the sun, converted on request into heat through combustion. This makes wood an indispensable link in any sustainable energy strategy.

Wood heating is cheap and supportive for the local economy

When you use wood for heating, you pay less for energy. It's actually free if you have your own supply source, but also if you have to buy logs, wood chips or pellets, wood is anyway cheaper than any other fuel, including oil and gas. Unlike other fuels, the cost of this type of heating remains stable over time. Buying wood from local producers reduces also carbon pollution from transportation and contributes to the local economy development.

The cozy warmth of a wood burning stove has a proven feel-good effect

Wood stoves create an intense sensation of well-being and comfort. that cannot be compared to any other type of heating. Studies show that the gentle radiance of warmth, the intimate crackle of wood, the delicious perfume and the visual play of colored flames they have a relaxing impact on us.

High quality wood

Burning quality wood in a stove is important for several reasons. At first, it burns more slowly and more efficiently, which means that you can enjoy more heat from the same amount of wood. It is also less prone to create smoke, which can be harmful to your health and can also cause damage to the stove. Finally, quality wood is safer to use, as it contains no moisture or other materials that may cause fire.

The best firewood for a wood stove is the beech one, which is one of the most resistant and easy

to burn. Oak wood is also excellent, although less resistant and more difficult to light. Other good alternatives are fir wood, pine wood and birch wood. Make sure you buy seasoned wood, which has spent a few months in the sun and wind to shed moisture excess. Below you can find the ranking in relation to the calorific power:

1.	Oak:	5,9 - 6,1 kW
2.	Beech:	5,2 - 5,5 kW
3.	Pine:	4,9 - 5,2 kW
4.	Spruce:	4,5 - 4,8 kW
5.	Birch:	4,3 - 4,5 kW
6.	Elm:	4,1 - 4,3 kW
7.	Poplar:	3,9 - 4,1 kW
8.	Acacia:	3,6 - 3,9 kW
9.	Cherry:	3,3 - 3,6 kW
10.	Cypress:	2,9 - 3,3 kW



Quality control

Before being delivered to our customers, the stoves must pass a rigorous quality inspection process. Our technicians carry out a variety of tests on each stove, including pressure, temperature, energy efficiency and safety tests. We guarantee our stoves 100% and we are proud to offer a fine quality and reliable product.

Certifications

As a supplier of high quality stoves, we are committed to providing our customers with a safe, satisfactory and durable product. For this reason, our stoves are certified and subjected to strict controls before they are offered for sale. All our stoves are certified according to the regulations of the country in which they are produced and according to European standards.



CE Certification: The CE certification is a European standard applied to products which establishes that a product complies with the safety, health, environmental and quality requirements defined in European legislation. A stove with CE certification must meet certain requirements, including a safe and resistant design, good ventilation, protection against overheating, an adequate guarantee and a label with information on safe use. The CE certification is a guarantee that the stoves meet the safety requirements and ensure that they are safe to use.



Ecodesign: Ecodesign is an approach to design that takes into consideration the environmental impact of objects. It focuses on the efficient use of resources, the reduction of waste and the reduction of pollutants. In the case of stoves, eco-design aims to reduce polluting gas emissions, increase energy efficiency and improve thermal efficiency, reducing energy costs. Furthermore, eco-design also aims to create long-lasting and recyclable products in order to reduce the environmental impact.



DM 186 environmental certification: DM 186 environmental certification is a certification awarded to stoves, fireplaces, gas fireplaces and other similar appliances to ensure their compliance with Italian environmental standards. This certification is regulated by the Ministry of the Environment and is based on the use of certified materials that reduce pollutant emissions and on compliance with energy performance requirements to ensure a safe and energy-efficient product.



Flamme Verte: The Flamme Verte is a quality label for wood-burning stoves, fireplaces and biomass boilers in France. This label indicates the energy efficiency level of the product and its environmental impact. The Label Flamme Verte is awarded to products that meet the requirements of CO2 emissions and energy efficiency requirements set by the French government. There are seven labelling levels, which range from 1 to 7 and indicate the product's level of efficiency. Wood-burning stoves with this label are considered environmentally friendly and contribute to reduce air pollution.



Defra: Defra Approved is a certification that stove manufacturers must obtain to ensure that their stoves are safe and functional in rural areas. The Defra mark means that the stove has been tested to the safety standards set by the UK government and approved by the UK Department for Environment, Food and Rural Affairs (Defra). Defra certified stoves enable rural homeowners to burn wood, pellets or other fuels within their properties without breaking UK laws.



Why choose a cast iron stove

01. Steel and cast iron structure

Experience in design and top quality materials make our stoves solid and long-lasting, ideal for withstanding high combustion temperatures for many years of pleasant reliability.

02. Efficiency

The higher the efficiency, the more heat is obtained by consuming the same amount of fuel. For best results you need your appliance to burn consistently at its rated wattage. If the appliance is oversized compared to the required requirement, it works with a combustion that is too low. The result will be incomplete combustion, which will prevent your flue from functioning properly.

The efficiency of **FUNDICIO** stoves and inserts is optimised by using secondary combustion, in which the supply of combustion air separate from the primary air allows the gases to burn more efficiently and the product to minimise emissions.

TIPS: As a rule of thumb, approximately 1 kW of heat is required for every 14 cubic metres of room space (based on an outside temperature of 0°C). Measure the height, width and depth of the room to obtain a total figure of cubic metres and divide by 14. This calculation may be influenced by other factors, such as insulation levels and the number of windows, so consider the final result as a guideline only.

03. Clean and safe combustion

Many of our stoves can be connected to a direct air intake. This allows combustion air to be drawn into the stove directly from outside your home, ensuring cleaner, healthier indoor air and preserving heat. This is the best choice for houses with ventilation systems or low-energy houses.

TIPS: You can choose where to draw the combustion air: directly from outside, but if desired also from a room adjacent to the room in which the stove is positioned.





04. Clear glass

Combustion can produce deposits that accumulate inside the stove, obscuring the glass door panel. Our air cleaning system is designed to sweep away these deposits, leaving a clear view of the fire.

05. Cast iron protection grid

The stoves are equipped with a cast iron protection grid that offers additional safety when opening the door keeping the wood in safely.

06. Air regulation

Primary and secondary air regulation allow optimisation of combustion at ignition but also during also during operation by easily adjusting the parameters according to the needs of the home.

07. Warranty

Our products go through strict quality control and a 2 years long warranty. Excluded from the guarantee are components that come into direct contact with the fire, in particular:

- Firebox door glass
- Internal grills
- Internal firebox panels
- Deflectors/flue surrounds

Light the fireplace with a new warmth

If you have a fireplace that you don't use much because it has draft problems or consumes too much wood, a Fundicio stove can be the solution, without having to deal with expensive renovations.

01. Simple and low-cost installation

Renovating your fireplace involves expenses and work that we can easily avoid thanks to the installation of a Fundicio cast iron stove. In fact, our stoves, thanks to the smoke ring installed in the upper part, allow the stove to be directly connected to the chimney flue.

02. Reduction of environmental impact and energy saving

The combustion that takes place in a modern wood stove is much more efficient compared to that of an open fireplace, thus contributing to a notable energy savings. Naturally, better combustion also brings environmental benefits and in fact, if you live in a municipality that prohibits the lighting of open fireplaces, it will be possible to go back to warming yourself with wood and enjoying the atmosphere of the flame.

03. Improved appearance of the room

Installing a cast iron stove in your fireplace not only offers practical benefits, but also transforms the look of the room in which it is placed. With a wide range of designs available, from the most traditional to the most modern, cast iron stoves add a touch of elegance and character to any home environment.



EFFICIENCY



SUSTAINABILITY



COMFORT



ALNHOA



AINHOA / COD: S106M**8,1 kW****FEATURES**

- Cast iron base, protection grid and door
- Cast iron structure
- 25 mm vermiculite combustion chamber
- Upper or rear flue gas outlet with cast iron ring
- SCHOOT ROBAX® ceramic glass with semi-automatic cleaning
- Triple combustion
- Predisposition for rear external air intake

CERTIFICATIONS**CLASS A****TECHNICAL DETAILS**

Dimensions: H 550mm / W 490mm / D 310mm

(excluding smoke ring 40 mm H)

Full size: H 300mm / W 420mm / D 200mm

Weight: 67 kg

Pipe diameter Ø: 130 mm

External air connection Ø: 80 mm

Max. recommended firewood size: 370 mm

Efficiency: 79,4 %

M³ heatable volume: 162

Hourly consumption kg/h: 2,56



LIST PRICE

849,00 €

(VAT and transport excluded)

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AINHOA-MINI



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AINHOA-MINI / COD: S106S**5 kW****FEATURES**

- Cast iron base, protection grid and door
- Cast iron structure
- 25 mm vermiculite combustion chamber
- Upper or rear flue gas outlet with cast iron ring
- SCHOOT ROBAX® ceramic glass with semi-automatic cleaning
- Triple combustion
- Predisposition for rear external air intake

CERTIFICATIONS**CLASS A****TECHNICAL DETAILS**

Dimensions: H 550mm / W 420mm / D 310mm

(excluding smoke ring 40 mm H)

Full size: H 290mm / W 320mm / D 210mm

Weight: 65 kg

Pipe diameter Ø: 125 mm

External air connection Ø: 100 mm

Max. recommended firewood size: 330 mm

Efficiency: 82,5 %

M³ heatable volume: 100

Hourly consumption kg/h: 2,7



LIST PRICE

790,00 €

(VAT and transport excluded)



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IMA



INA / COD: S230ES**5 kW****FEATURES**

- Cast iron base, protection grid and door
- Cast iron structure
- 25 mm vermiculite combustion chamber
- Upper or rear flue gas outlet with cast iron ring
- SCHOOT ROBAX® ceramic glass with semi-automatic cleaning
- Triple combustion
- Predisposition for rear external air intake

CERTIFICATIONS**CLASS A****TECHNICAL DETAILS**

Dimensions: H 637,5mm / L 459mm / P 377mm

(excluding smoke ring 40 mm H)

Full size: H 250mm / W 300mm / D 200mm

Weight: 98 kg

Pipe diameter Ø: 130 mm

External air connection Ø: 100 mm

Max. recommended firewood size: 250 mm

Efficiency: 78,8 %

M³ heatable volume: 100

Hourly consumption kg/h: 3,16



LIST PRICE

937,00 €

(VAT and transport excluded)

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ATINA



ATINA / COD: S460A**8,8 kW****FEATURES**

- Cast iron base, protection grid and door
- Cast iron structure
- Cast iron combustion chamber
- Upper or rear flue gas outlet with cast iron ring
- KERAGLASS ceramic glass with semi-automatic cleaning
- Triple combustion

CERTIFICATIONS**CLASS A****TECHNICAL DETAILS**

Dimensions: H 827mm / L 600mm / P 430mm

(excluding smoke ring 40 mm H)

Full size: H 450mm / L 250mm / P 300mm

Weight: 150 kg

Pipe diameter Ø: 120 mm

External air connection Ø: 400 mm

Max. recommended firewood size: 330 mm

Efficiency: 78,8 %

M³ heatable volume: 100

Hourly consumption kg/h: 3,33



LIST PRICE

1.466,00 €

(VAT and transport excluded)

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ELPTIKO



ELIPTIKO / COD: S450E**7,5 kW****FEATURES**

- Cast iron base, protection grid and door
- Cast iron structure
- 25 mm vermiculite combustion chamber
- Upper or rear flue gas outlet with cast iron ring
- KERAGLASS ceramic glass with semi-automatic cleaning
- Triple combustion
- Predisposition for rear external air intake

CERTIFICATIONS**CLASS A****TECHNICAL DETAILS**

Dimensions: H 800mm / L 477mm / P 473mm

(excluding smoke ring 40 mm H)

Full size: H 250mm / L 350mm / P 205mm

Weight: 116 kg

Pipe diameter Ø: 120 mm

External air connection Ø: 100 mm

Max. recommended firewood size: 330 mm

Efficiency: 77,4 %

M³ heatable volume: 150

Hourly consumption kg/h: 2,30



LIST PRICE

1.364,00 €

(VAT and transport excluded)



ARINA



ARINA / COD: S430A**6,5 kW****FEATURES**

- Cast iron base, protection grid and door
- Cast iron structure
- 25 mm vermiculite combustion chamber
- Upper or rear flue gas outlet with cast iron ring
- KERAGLASS ceramic glass with semi-automatic cleaning
- Triple combustion
- Predisposition for rear external air intake

CERTIFICATIONS**CLASS A+****TECHNICAL DETAILS**

Dimensions: H 728mm / L 408mm / P 435mm

(excluding smoke ring 40 mm H)

Full size: H 320mm / L 300mm / P 265mm

Weight: 115 kg

Pipe diameter Ø: 120 mm

Max. recommended firewood size: 280 mm

Efficiency: 80 %

M³ heatable volume: 130

Hourly consumption kg/h: < 2



LIST PRICE

1.228,00 €

(VAT and transport excluded)

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LAVA



LAVA / COD: S440L**12,5 kW****FEATURES**

- Cast iron base, protection grid and door
- Cast iron structure
- Cast iron combustion chamber
- Upper or rear flue gas outlet with cast iron ring
- KERAGLASS ceramic glass with semi-automatic cleaning
- Triple combustion

CERTIFICATIONS**CLASS A+****TECHNICAL DETAILS**

Dimensions: H 946mm / L 540mm / P 493mm

(excluding smoke ring 40 mm H)

Full size: H 320mm / L 440mm / P 340mm

Weight: 155 kg

Pipe diameter Ø: 120 mm

External air connection Ø: 400 mm

Max. recommended firewood size: 330 mm

Efficiency: 78,1 %

M³ heatable volume: 250

Hourly consumption kg/h: 3,33



LIST PRICE

1.672,00 €

(VAT and transport excluded)

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