



HOT WATER THROUGHOUT THE HOUSE



The Caldea Idro **wood stoves** are controlled and prolonged combustion stoves used to provide water heating throughout the home, **to produce domestic hot water** for the whole family and also **oven cook or grill your food**. With the Caldea Idro wood stoves you can cook your food in the terracotta oven, or grill it on the hotplate, exploiting the same heat used to heat your home.

The Caldea Idro **wood stove** is suitable for medium and large sized houses.

PLUS

- **TERRACOTTA OVEN**

With the Caldea Idro stove you can cook your food in the terracotta oven, or grill it on the hotplate, exploiting the same heat used to heat your home.

MAIN FEATURES



ONDULING SYSTEM

The onduling system triples fire exposure thanks to the patented undulation feature that maximises its performance.



STEEL HOTPLATE

The steel hotplate can be used for long cooking requirements or to keep food warm.



PLUMBING KIT

It is supplied with a closed vessel, already assembled and tested, complete with safety valves, heating pump with low energy consumption, expansion tank, pressure reducer and anti condensation by pass. Also available with Basic Kit.



ANTICONDENSATION VALVE

Anticondensation valve prevents the formation of condensation and encrustation to provide higher efficiency levels and consistent performance over time.

BASE:

CALDEA BASE IDRO

23 kW



COOLING EXCHANGER

The cooling exchanger guarantees safety by regulating the water temperature and ensuring heat dispersion functions even in an electrical black-out.



CALDOCONTROL

The CaldoControl device, available in wood mode, regulates combustion according to heat demands, ensuring longer load autonomy.

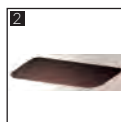
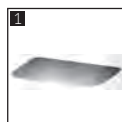
STANDARD CONFIGURATION

Electric panel • "CaldoControl" automatic combustion control device • Hydraulic kit • Internal insulation • Straight doors* with ceramic glass • Terracotta oven with 1200W electrical heating element • Adjustable oven thermostat • Stainless steel oven rack • Oven thermometer • 1500W electrical heating element for domestic hot water production • Hotplate • Removable ash drawer • Fume damper • Cast iron grate • Pipe cleaner • Oven rake • Wood holder with andirons.

*Round doors for Caldea Lusso Idro

CALDEA IDRO BASE, LUSSO OPTIONAL

- 1 - Polished stainless steel platform 1100x500 mm
- 2 - Burnished copper platform 1100x500 mm



LUSSO:

CALDEA LUSSO IDRO

23 kW



HOT WATER THROUGHOUT THE HOUSE

TECHNICAL DATA

	CALDEA IDRO BASE, LUSO
Burned power	29,37 kW
Thermal rated output	23,53 kW
Minimal output	-
Power given to fluid	17,24 kW
Efficiency	80,12 %
Consumption	6,72 kg/h
Tank capacity	-
Flue gas temperature	263,9 °C
Min. draft	12 Pa
CO (13% O ₂)	0,367 %
Flue gass mass flow	18,3 g/s
Smoke exhaust	150 mm
Weight	472 kg
Combustion chamber warranty*	2(5) years

*See the warranty booklet for more information

TECHNICAL DRAWINGS

CALDEA BASE IDRO



CALDEA LUSO IDRO



PRODUCT CERTIFICATIONS

EN 13240

