

ecopalex®  
**PALAZZETTI**



# AIR-HEATING WOOD-BURNING FIREBOXES FOR BUILDING-IN

A FIREBOX CAPABLE OF TRANSFORMING AN OLD, SMOKY AND INEFFICIENT FIREPLACE INTO A REAL, EFFICIENT, SAFE AND ECOLOGICAL HEATING SYSTEM, WITH NO NEED FOR SPECIAL MASONRY WORK. ECOPALEX® CAN HEAT HOMES OF MORE THAN 130 M<sup>2</sup>\* ALL BY ITSELF.



AIR-HEATING



DUAL COMBUSTION



## CERTIFIED AT A EUROPEAN LEVEL.

The quality, performances and operational safety of the Ecopalex® fireplaces by Palazzetti have been controlled, tested and approved by the most important European Institutes. The certainty that the intrinsic contents of these guaranteed marks have been respected is confirmed by the precise indication of the date and of the relative certification number that accompanies the mark itself!



Product	Standard	Test institute	Test report
ECOPALEX N64	EN 13229-06	ACTECO	1576-07NB
ECOPALEX N66	EN 13229-06	ACTECO	1575-07NB
ECOPALEX N70	EN 13229-06	ACTECO	1574-07NB
ECOPALEX N76/78	EN 13229-06	ACTECO	1566-07NB
ECOPALEX N76 + Ecoforno®	EN 13229-06	ACTECO	1567-07NB
ECOPALEX 88	EN 13229-06	ACTECO	1577-07NB



# THE REASONS BEHIND A CHOICE



*The fireplace is smoky and inefficient.*

## RENOVATES OLD FIREPLACES.

Most traditional fireplaces do not have the fundamental requirements of an efficient fireplace such as a good heat efficiency and draught due to bad installation, an inadequately-sized flue or other planning or construction errors.



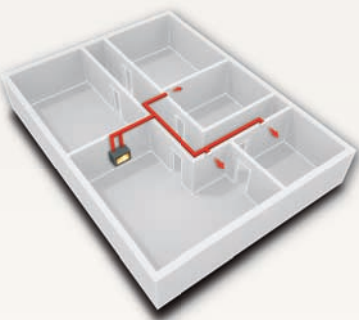
*The Ecopalex® firebox can be installed without particular masonry work.*

To solve these problems it is no longer necessary to carry out a radical renovation with the need for masonry work that is usually expensive and time-consuming. The Ecopalex® fireplace has been designed to be fitted easily into any pre-existing fireplace so that it can be used without changing its aesthetic or construction features.



*With Ecopalex® the fireplace stops being smoky and becomes much more efficient.*

Thanks o Ecopalex®, your old fireplace will stop being smoky and will increase its thermal power, becoming a real heating system. Simply connect the firebox to the original flue, close the front with a metal frame and start the fire. It will be like having a new fireplace!



## AIR-HEATING SYSTEM.

The remarkable thermal power of Ecopalex® (up to 12,000 kcal/h), combined with our professional 680 m<sup>3</sup>/h fan and a suitable ducting system, is capable of satisfying the heating requirements of homes covering an area of over 130m<sup>2</sup>\*. Heat is diffused from above by means of a rainfall system that consequently yields heat: this is the best method, not only because it evenly heats the entire environment but also because it is the healthiest way of distributing heat without raising dust or bacteria.



## IDEAL FOR COOKING.

The technology of Ecopalex® can be combined with that of Ecoforno®, an oven that works without gas, electricity or wood because it heats up quickly using the heat produced by Ecopalex®. Thanks to a special patent, the outgoing fumes envelop the outer casing of Ecoforno® so that it quickly reaches the right temperature to bake perfect pizzas, bread, roast meats and any other food. Ecoforno® is sturdy and safe, completely covered with stainless steel and having a cast iron and pyroceram door supplied with a thermometer and designed to avoid heat dispersion, even when it is opened.

# A CLOSE-UP VIEW

## HERMETIC STEEL CLADDING

it prevents smoke from escaping for utmost safety.

## FUMES REGULATION VALVE

it operates automatically when the door is opened or shut to ensure a perfect draught without annoying gusts of smoke coming out when the door is opened.

## EXTERIOR METAL CLADDING

it makes the entire structure sturdy and resistant and prevents the painted panels from coming into contact with the hot air, thus avoiding harmful paint fumes.

## THE FIREBOX IS LINED WITH MORE THAN 75 KG OF EXCEPTIONALLY THICK 7-9 MM CAST IRON PLATES

to store enormous quantities of heat and yield it slowly by radiation and convection; to make the firebox long-lasting and protect it from any damage that may derive from accidentally falling logs or hasty loading.

## PYROCERAM DOOR

for a charming view of the fire.

## PRIMARY AIR ADJUSTMENT

allows you to adjust the air required for combustion which directly influences its duration and controls consumptions, ensuring high heat efficiency and certain savings.

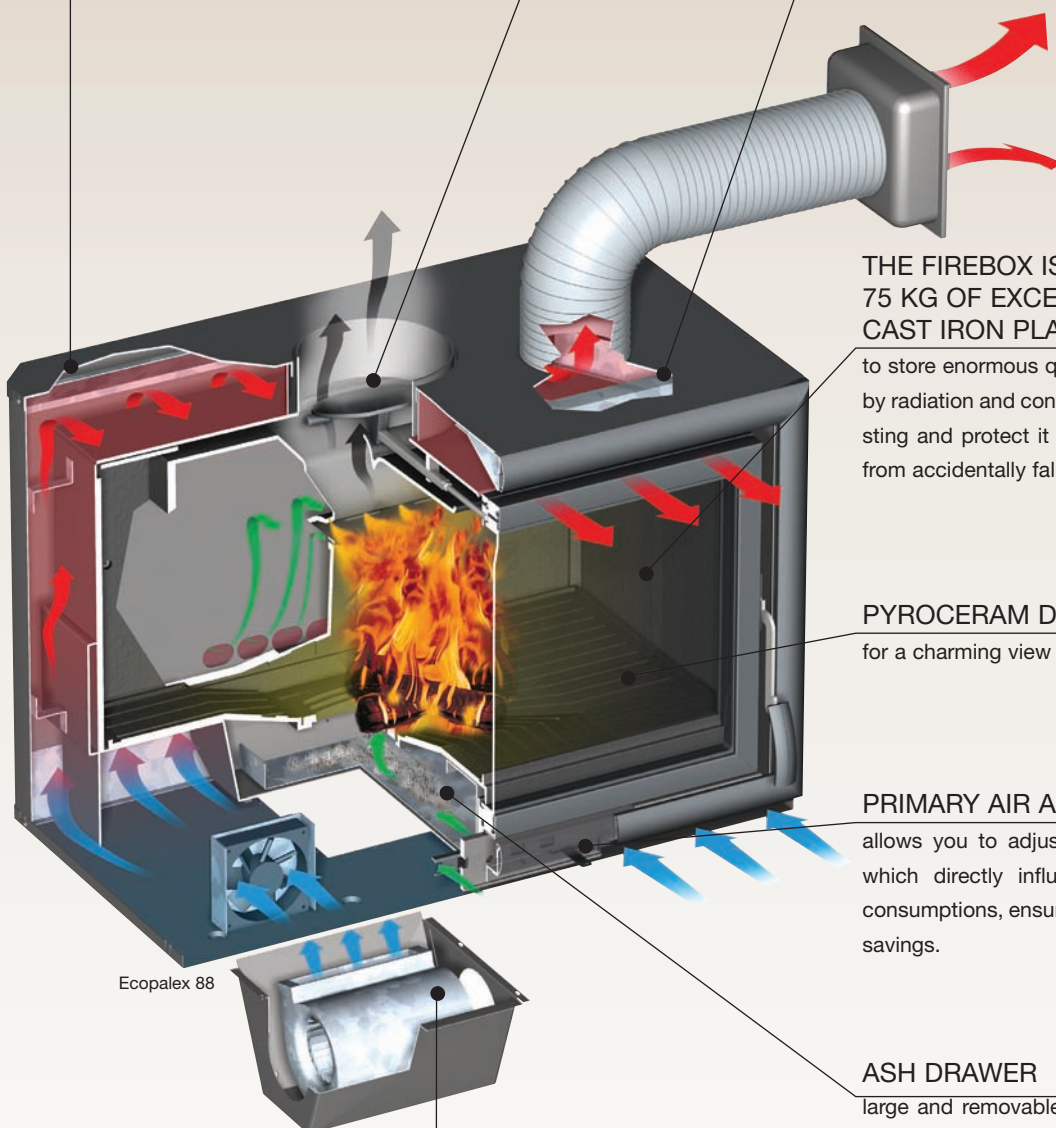
## ASH DRAWER

large and removable for easy cleaning even when the firebox is on.

## PROFESSIONAL FAN WITH A CAPACITY OF UP TO 680M<sup>3</sup>/H\*\*

Using professional, centrifugal dual-extraction fans having a capacity of up to 680 m<sup>3</sup>/h ensures optimal distribution of the thermal power of Ecopalex<sup>®</sup> by means of a suitable air-ducting system. This makes it possible to heat various rooms of a home covering an area of more than 130 m<sup>2</sup>\*. In addition to this, an electronic automatic and/or manual control unit makes it easy to use.

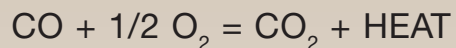
*\*\*Optional for the versions they are provided on.*



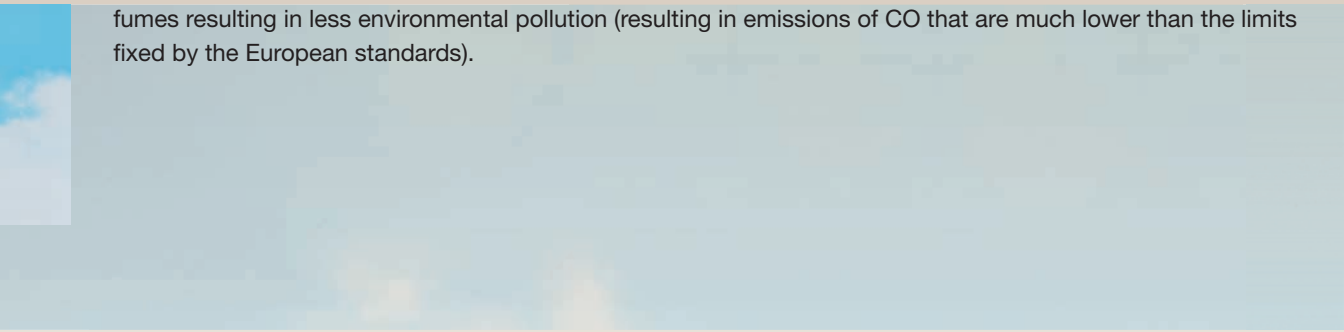


## FUELS AND COMBUSTION: AN IMPORTANT CHOICE.

Pre-heated oxygen is injected into the firebox during combustion creating a second blaze and burning unburnt CO while simultaneously releasing additional heat and CO<sub>2</sub> on the basis of the following reaction:



The benefits are remarkable: optimum heat-efficiency with consequent increase in energy-savings; cleaner fumes resulting in less environmental pollution (resulting in emissions of CO that are much lower than the limits fixed by the European standards).



# NEW RANGE



The new Ecopalex® fireboxes stand out for their clean and minimalist design that is attentive to even the smallest of details: the ash drawer knobs and the door hinges have been given a new look and the new satin steel handle has an ergonomic grip.

**ASK YOUR DEALER TO SHOW YOU THE EASY INSERT RANGE.**

## ECOPALEX N64

	FRONT	OPEN RH/LH	ROUND
Dimensions	cm 61x42x45h	cm 61x42x45h	cm 61x46x45h
Max. total thermal power (performance)	kcal/h 7.300-kW 8,5*	kcal/h 7.300-kW 8,5*	kcal/h 7.300-kW 8,5*
Max. direct thermal power (to the air)	kcal/h 3.000-kW 3,6*	kcal/h 3.000-kW 3,6*	kcal/h 3.000-kW 3,6*
Weight	kg 100	kg 100	kg 100
Efficiency	~ 74,3%	~ 74,3%	~ 74,3%

## ECOPALEX N66

	FRONT
Dimensions	cm 61x43x49,5h
Max. total thermal power (performance)	kcal/h 8.200-kW 9,5*
Max. direct thermal power (to the air) vent.standard	kcal/h 2.900-kW 3,4*
Max. direct thermal power (to the air) vent.optional	kcal/h 5.900-kW 6,9*
Weight	kg 100
Efficiency	~ 76,6%

## ECOPALEX N70

	TAPERED
Dimensions	cm 70x44x49h
Max. total thermal power (performance)	kcal/h 9.700-kW 11,3*
Max. direct thermal power (to the air) vent.standard	kcal/h 3.000-kW 3,5*
Max. direct thermal power (to the air) vent.optional	kcal/h 6.900-kW 8*
Weight	kg 115
Efficiency	~ 78,4%

## ECOPALEX N76

	FRONT	OPEN RH/LH	ROUND	TAPERED
Dimensions	cm 75x45x56h	cm 75,5x45x56h	cm 75x52x56h	cm 75x45x56h
Max. total thermal power (performance)	kcal/h 10.500-kW 12,2*	kcal/h 10.500-kW 12,2*	kcal/h 10.500-kW 12,2*	kcal/h 10.500-kW 12,2*
Max. direct thermal power (to the air) vent.standard	kcal/h 3.500-kW 4,1*	kcal/h 3.500-kW 4,1*	kcal/h 3.500-kW 4,1*	kcal/h 3.500-kW 4,1*
Max. direct thermal power (to the air) vent.optional	kcal/h 5.800-kW 6,7*	kcal/h 5.800-kW 6,7*	kcal/h 5.800-kW 6,7*	kcal/h 5.800-kW 6,7*
Weight	kg 139	kg 134	kg 139	kg 139
Efficiency	~ 77,5%	~ 77,5%	~ 77,5%	~ 77,5%

## ECOPALEX 78

	FRONT
Dimensions	cm 75x45x56h
Max. total thermal power (performance)	kcal/h 10.500-kW 12,2*
Max. direct thermal power (to the air) vent.standard	kcal/h 3.500-kW 4,1*
Max. direct thermal power (to the air) vent.optional	kcal/h 5.800-kW 6,7*
Weight	kg 170
Efficiency	~ 77,5%

## ECOPALEX 88

	FRONT
Dimensions	cm 88x54x62h
Max. total thermal power (performance)	kcal/h 12.000-kW 14*
Max. direct thermal power (to the air) vent.optional	kcal/h 6.900-kW 8*
Weight	kg 195
Efficiency	~ 77,7%

\*Kindly be reminded that the power of a firebox depends on the quantity and quality of the firewood used. The data shown refers to tests effected using wood with an average Lower Calorific Value of 3745 kcal/h and A humidity comprised between 11% and 13%.



BERLINO /ECOPALEX 76



SAN FRANCISCO /ECOPALEX 64 DX



AMSTERDAM /ECOPALEX 66



MARRAKECH /ECOPALEX 70



SOHO/ECOPALEX 78



SHANGHAI /ECOPALEX 88



## FLUE CROSS-SECTION

ECOPALEX® MODEL	15x15/Ø15 cm	18x18/Ø18 cm	20x20/Ø20 cm
N64 Front/Open rh/lh/Round	350 cm and over		
N66 Front	450 cm and over	350 cm ÷ 450 cm	
N70 Tapered		450 cm and over	350 cm ÷ 450 cm
N76 Front/Open rh/lh/Round/Tapered		450 cm and over	350 cm ÷ 450 cm
78 Front		450 cm and over	350 cm ÷ 450 cm
88 Front			350 cm e oltre

# PALAZZETTI

WARMTH WITH NATURAL APPEAL

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