

ECOMONOBLOCCO
PALAZZETTI



AIR-HEATING WOOD-BURNING FIREBOX

A SAFE, RESISTENT AND ECOLOGICAL FIREBOX THAT DEVELOPS A REMARKABLE THERMAL POWER AND CAN HEAT HOMES OF UP TO 150 M²* ALL BY ITSELF. IDEAL FOR THOSE WHO WANT TO USE ONLY WOOD TO HEAT THEIR HOME OR FOR THOSE LIVING IN VERY LARGE HOMES AND WANTING TO REDUCE HEATING COSTS. THE SIZE OF THE FIREBOX AND THE FULLY-DISAPPEARING GLASS DOOR MAKE IT SUITABLE FOR PREPARING GRILLED FOOD.



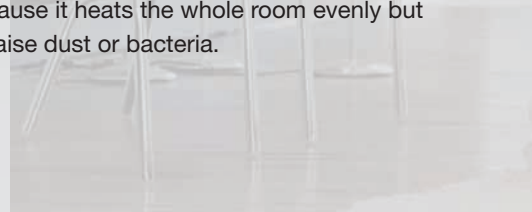
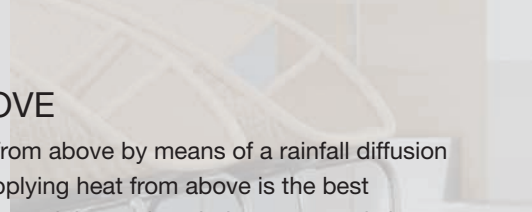
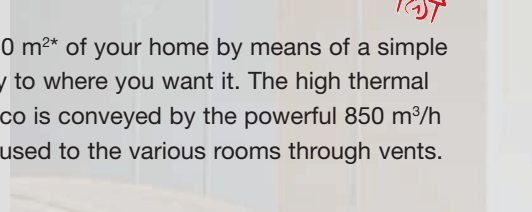
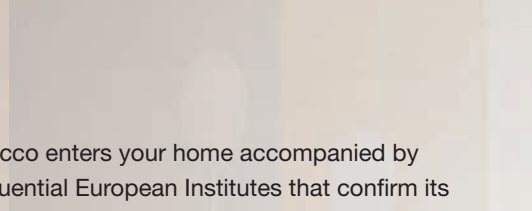
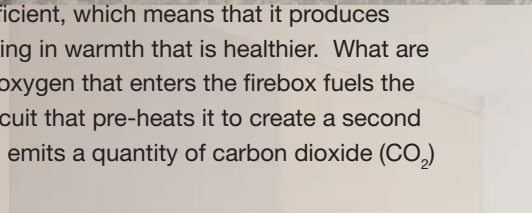
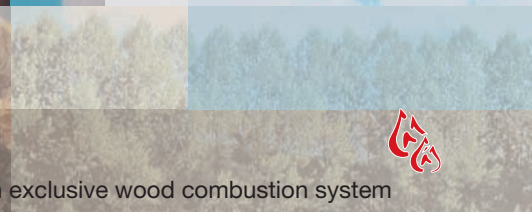
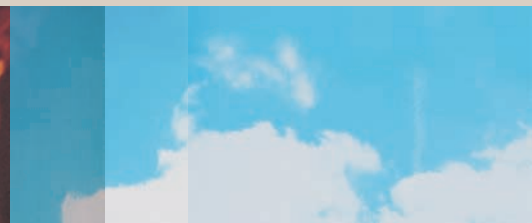
AIR-HEATING



COOKING

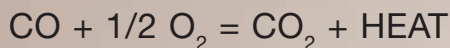


DUAL COMBUSTION



ECOLOGICAL.

Our research laboratories have elaborated an exclusive wood combustion system called Dual Combustion that is more heat efficient, which means that it produces more heat with less harmful emissions, resulting in warmth that is healthier. What are we talking about? Just oxygen. Some of the oxygen that enters the firebox fuels the flame while the remaining part goes into a circuit that pre-heats it to create a second combustion that releases additional heat and emits a quantity of carbon dioxide (CO₂) that is in harmony with nature's cycle.



EUROPEAN CERTIFICATIONS.

Thanks to Palazzetti's research, Ecomonoblocco enters your home accompanied by numerous certificates issued by the most influential European Institutes that confirm its quality, performances and operating safety.



AIR-HEATING SYSTEM.

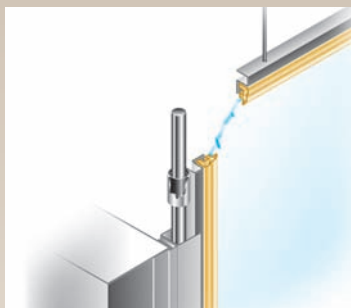
Hot air in every room to evenly heat up to 150 m²* of your home by means of a simple ducting system that conveys the heat exactly to where you want it. The high thermal power (up to 22,800 kcal/h) of Ecomonoblocco is conveyed by the powerful 850 m³/h centrifugal fan into the special ducts and diffused to the various rooms through vents.



IT SUPPLIES HEAT FROM ABOVE

Ecomonoblocco by Palazzetti supplies heat from above by means of a rainfall diffusion system that consequently releases heat. Supplying heat from above is the best possible heat-diffusion method, not only because it heats the whole room evenly but also because this healthy method does not raise dust or bacteria.

THE REASONS BEHIND A CHOICE



SOFT LIFT.

The door raising system relies on special fibre bushes and specific silicone rubber shock absorbers that guarantee silent and optimal long-lasting operation.



PALAZZETTI'S PATENTED VDF® VALVE.

Adapts the flue draught to various weather or installation conditions in the event of inadequate flues, ensuring a perfect draught even when the door is opened: the valve opens automatically to avoid annoying puffs of smoke and then goes back to the pre-set position when the door is shut.



COMBUSTION AIR DUCTING.

The absolute novelty of the "S" series of Palazzetti's Ecomonoblocco range is the combustion air ducting system. A special circuit inside the firebox draws air from outdoors and conveys it to the combustion chamber, thus avoiding annoying air inlets in the room.



IDEAL FOR COOKING.

The large hearth and the fully-disappearing door make most Ecomonoblocco models suitable for cooking tasty food on the grill or on the hotplate. Ask for the necessary accessories!



AUTOMATIC IGNITION DEVICE.

Scintilla® is the automatic push-button ignition device patented by Palazzetti for the Ecomonoblocco range; thanks to a special optional kit it can also be turned on by means of a remote GSM mobile phone to heat your home whenever you want to and always have a warm house to go back to.



THE CUSTOM-MADE SERVICE.

As well as a rich catalogue containing more than 150 claddings, Palazzetti puts its "custom-made" service at your disposal to design customised claddings that perfectly suit your tastes and your requirements.



A CLOSE-UP VIEW

HEAT DIFFUSION

The new Monoblocco models are designed for the installation of 4 hot air diffusion ducts.

STRONG STEEL CABLES

The strong steel cables that raise the door have proven to be the most silent and durable, they do not require maintenance and work noiselessly even after many months of inactivity.

HERMETIC STEEL OUTER SHELL

Prevents smoke from escaping for utmost safety.

PALAZZETTI'S PATENTED VDF® VALVE

VERY THICK CAST IRON OR MAGNOFIX® FIREBOX

PYROCERAM

Pyroceram resists to thermal shocks of 800°C. The pyroceram is supplied in a single piece, even in the right, left and hexagone versions.

COMBUSTION AIR ADJUSTMENT

Allows you to directly influence the duration of combustion which means controlling consumptions and ensuring high heat efficiency and certain savings. The adjustment has a cool-touch silicone protection.

ADJUSTABLE FEET

Foot adjustment allows correct levelling of the Monoblocco. To protect the floor, the adjustment system does not allow the supporting feet to rotate.

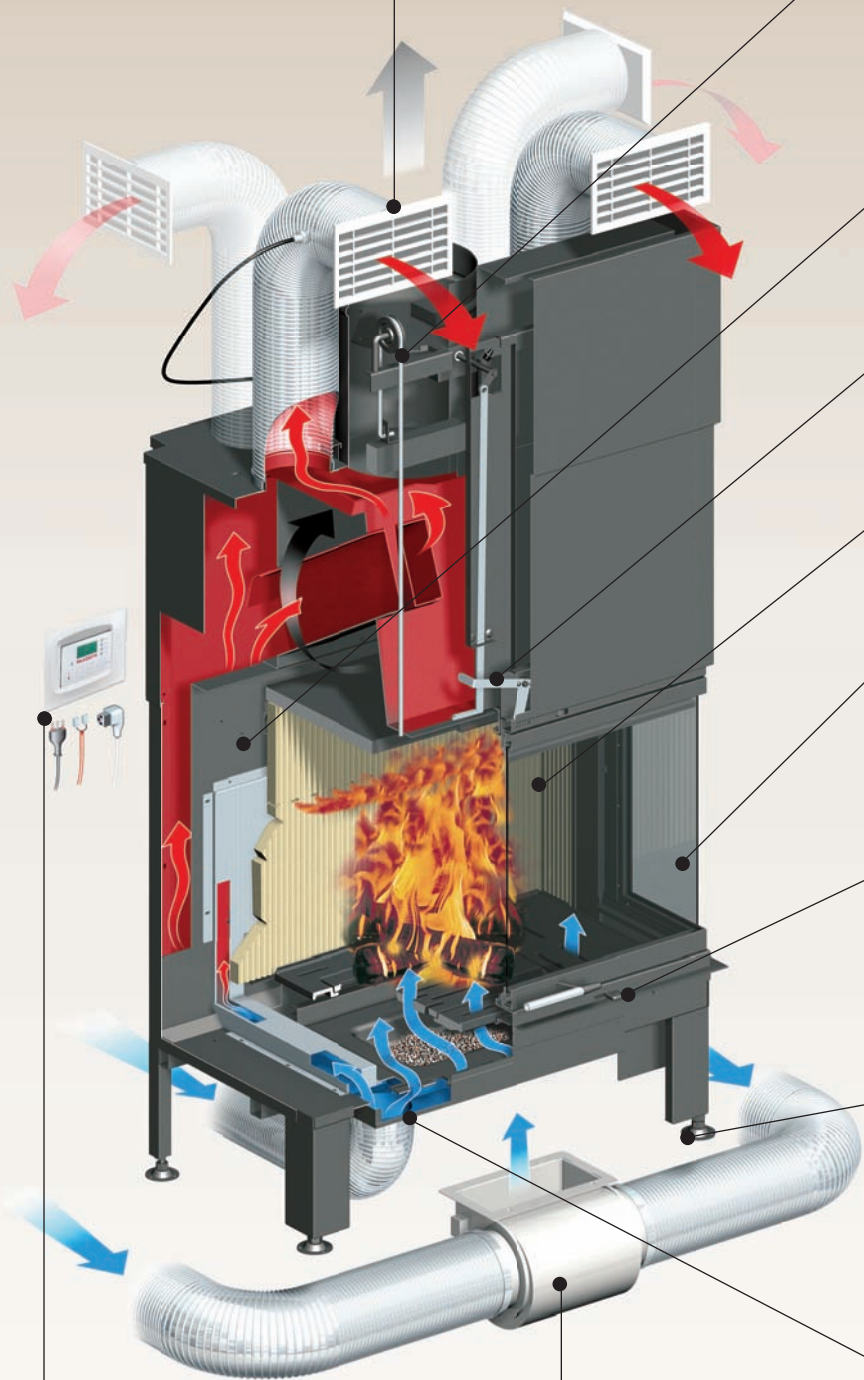
DUCTING OF EXTERNAL COMBUSTION AIR

DIGITAL CONTROL UNIT (optional)

Adjusts fan operation to various modes: automatic, manual and proportional. In the proportional mode, it adjusts fan speed to the heat produced by the firebox, thus optimising efficiency. The digital display indicates the outgoing air temperature.

PROFESSIONAL FAN (optional)

The professional centrifugal dual-extraction fan (suitable for ducting up to 15 m of forced air) constantly thrusts the hot air produced by the firebox at a power of up to 850m³/h to satisfy the heat requirements of surfaces of over 150 m²*. The remarkable power of the fan ensures silent operation and unlimited durability. It is supplied with a digital control unit.



CAST IRON FIREBOX.

The firebox is lined with more than 75 kg of exceptionally thick, 8 mm, cast iron plates which store enormous quantities of heat and yield it progressively by convection and radiation.

MAGNOFIX® FIREBOX.

Magnofix® is a special very high heat accumulating refractory material that optimises radiation and improves combustion. Magnofix® fireboxes ensure very high performances.



CLASSIC LINE CAST IRON FIREBOX

The Ecomonoblocco models of the Classic line have fireboxes made entirely of very thick cast iron and are fitted with the exclusive Dual Combustion system by Palazzetti. **COME AND DISCOVER THE EASYLINE RANGE AT YOUR NEAREST PALAZZETTI RETAILER.**



ECOMONOBLOCCO 45

	FRONT VERSION	ROUND	EXAGONE
Dimensions	57x54xh156 cm	57x65.5xh156.5cm	57x64.3xh156.5 cm
Max. total thermal power (performance)	9,700 kcal/h-11.3 kW	9,700 kcal/h-11.3 kW	9,700 kcal/h-11.3 kW
Weight	172 kg	177 kg	175 kg
Heat efficiency	~ 80.6%	~ 80.6%	~ 80.6%



ECOMONOBLOCCO 64 V08

	FRONT VERSION	OPEN RH/LH	EXAGONE
Dimensions	74x55xh145 cm	74x55xh145 cm	74.4x61xh145 cm
Max. total thermal power (performance)	11,300 kcal/h-13 kW	11,300 kcal/h-13 kW	11,300 kcal/h-13 kW
Weight	160 kg	160 kg	177 kg
Heat efficiency	~ 75.2%	~ 75.2%	~ 75.2%



ECOMONOBLOCCO 66 V08

	FRONT VERSION	ROUND	EXAGONE	ROUND 180°
Dimensions	74x55xh167 cm	74.4x61xh167 cm	74.4x61xh167 cm	73x71x167h cm
Max. total thermal power (performance)	12,650 kcal/h-14.7 kW	12,650 kcal/h-14.7 kW	12,650 kcal/h-14.7 kW	15,000 kcal/h-17.5 kW
Weight	184 kg	187 kg	187 kg	187 kg
Heat efficiency	~ 73%	~ 73%	~ 73%	~ 79.7%



ECOMONOBLOCCO 78 V08

	FRONT VERSION	OPEN RH/LH	EXAGONE
Dimensions	85x55xh165 cm	85x55xh165 cm	89.4x66.5xh160 cm
Max. total thermal power (performance)	13,800 kcal/h-16 kW	13,800 kcal/h-16 kW	13,800 kcal/h-16 kW
Weight	205 kg	205 kg	211 kg
Heat efficiency	~ 74.3%	~ 74.3%	~ 74.3%



ECOMONOBLOCCO 86 V08

	FRONT VERSION	OPEN RH/LH
Dimensions	100x67.5xh165 cm	100x67.5xh165 cm
Max. total thermal power (performance)	22,800 kcal/h-26.5 kW	22,800 kcal/h-26.5 kW
Weight	250 kg	250 kg
Heat efficiency	~ 74%	~ 74%

**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 carried out using wood with an average Lower Calorific Value of 3745 kcal/h and humidity comprised between 11% and 13%.*

DESIGN LINE MAGNOFIX® FIREBOXES

The Ecomonoblocco models of the Design line feature clean geometric and minimalist lines for a great extensive view of the fire. They are fitted with Palazzetti's Dual Combustion system. The firebox is in Magnofix®, a special refractory material with a very high accumulation capacity that optimises radiation and improves combustion. The base of the firebox is in cast iron.



ECOMONOBLOCCO S66

	FRONT VERSION	ROUND	EXAGONE
Dimensions	74x55xh167 cm	74.4x61xh167 cm	74.4x61xh167 cm
Max. total thermal power (performance)	11,700 kcal/h-13.6 kW	11,700 kcal/h-13.6 kW	11,700 kcal/h-13.6 kW
Weight	184 kg	187 kg	187 kg
Heat efficiency	~ 78%	~ 78%	~ 78%



ECOMONOBLOCCO S78

	FRONT VERSION	OPEN RH/LH	EXAGONE
Dimensions	85x55xh165 cm	85x55xh165 cm	89.4x66.5xh160 cm
Max. total thermal power (performance)	13,100 kcal/h-15.2 kW	13,100 kcal/h-15.2 kW	13,100 kcal/h-15.2 kW
Weight	190 kg	190 kg	200 kg
Heat efficiency	~ 80%	~ 80%	~ 80%



ECOMONOBLOCCO S86

	FRONT VERSION	OPEN RH/LH
Dimensions	100x67xh165 cm	100x67xh165 cm
Max. total thermal power (performance)	17,300 kcal/h-20.1 kW	17,300 kcal/h-20.1 kW
Weight	184 kg	184 kg
Heat efficiency	~ 78.4%	~ 78.4%



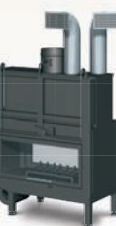
ECOMONOBLOCCO E 16:9 FRONT VERSION (cast iron firebox)

	FRONT VERSION
Dimensions	103.4x58xh153 cm
Max. total thermal power (performance)	16,400 kcal/h-19 kW
Weight	250 kg
Heat efficiency	~ 76%



ECOMONOBLOCCO S 25:9

	FRONT VERSION
Dimensions	135x53xh154 cm
Max. total thermal power (performance)	18,500 kcal/h-21.5 kW
Weight	250 kg
Heat efficiency	~ 81.5%



DOUBLE-FRONTED MONOBLOCCO (cast iron firebox)

	MBL 45	MBL 66	MBL 78	MBL E 16:9
Dimensions	56.4x64.9xh159.3 cm	83x76xh167 cm	91x54xh163 cm	109x56xh155 cm
Max. total thermal power (performance)	10,000 kcal/h-11.6 kW	14,800 kcal/h-17.2 kW	14,800 kcal/h-17.2 kW	16,000 kcal/h-18.7 kW
Weight	182 kg	192 kg	205 kg	240 kg
Heat efficiency	~ 78.1%	~ 81.2%	~ 76.8%	~ 78.2%

FLUE CROSS-SECTIONS

ECOMONOBLOCCO MODEL	20x20/Ø20 cm	25x25/Ø25 cm	30x30/Ø30 cm
64 Front/Open rh/lh/Exagone versions	450 cm and over	350 cm ÷ 450 cm	
66 Front/Round/Exagone/Round 180° versions/Double-fronted version	450 cm and over	350 cm ÷ 450 cm	
78 Front/Open rh/lh/Exagone versions/Double-fronted version	650 cm and over	450 cm ÷ 650 cm	350 cm ÷ 450 cm
86 Front/Open rh/lh versions		650 cm and over	450 cm ÷ 650 cm
L45 Front/Round/Exagone/Double-fronted versions	450 cm and over	350 cm ÷ 450 cm	
16:9 Front version		450 cm and over	350 cm ÷ 450 cm
16:9 Double-fronted version		650 cm and over	450 cm ÷ 650 cm

PALAZZETTI

THE HEAT THAT NATURE LIKES

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