Thermo-Fireplaces

GREEN ENERGY

EXCLUSIVE
design

MONEY SAVING

EASY CLEANING

Frascel

Certified product

CE EN 13229 IMQ

Description

Frascel is the silent fireplace heating system. Thanks to its versatility it can be purchased in the wood version and the biomass fuel version through the installation of a bench or hopper loading device. The fireplace heating system has an anti-noise steel chain. The anti-block wheels and the steel guides on the sides of the door allow safe, easy and silent running. The large ceramic glass window is flat to allow an excellent view of the flame.

Features

» **Easy opening system**
» **Side opening:** to facilitate cleaning of the glass
» **Large ceramic glass window:** for an excellent view of the flame
» **Possibility of functioning with biomass fuel***
» **Electric spit***
» **Domestic hot water production***
» **Mechanical control unit*:** designed to manage the pump
» **Electronic control unit*:** for management of the pump, spit and diverter valve
» **Pump***
» **Hydro Kit*:** separates the plants and produces domestic hot water
» **100 Kit*:** module for boiler/chimney interface
» **120 Kit*:** module for boiler/chimney interface and 3-way valve management
» **200 Kit*:** module for hot water production/heating interfacing
» **300 Kit*:** module for boiler/chimney interface and 3-way valve management

***Notes**: (*) optional*

Powers and heatable spaces

Available with the following rated thermal inputs/ m² / m³heatable*:

FRASCEL 20 » 18.56 kW » up to 150 m2 » up to 450 m3
FRASCEL 30 » 27.84 kW » up to 250 m2 » up to 750 m3

***Notes**: (*) on the basis of the model and for homes built in compliance with Law 10/91 and with heating requirement of 35 W/m³ and rooms with height of 3m.*

Optional accessories for wood

- Domestic hot water
- Mechanical control unit
- Electronic control unit
- Pump
- Split
- Management modules

Optional accessories for wood and biomass

- Domestic hot water
- Pump
- Split
- Management modules
- Automatic ignition

Fuels

Wood *Maize* *Olive pit* *Pellets* *Olive pomace*

Marix

Certified product

EN 13229

Quin-Fuel Technology

Description

Marix is characterised for its two hinged doors with large ceramic glass window, which can be opened to 180°. This solution guarantees exceptional ease of loading the wood and shorter time required for cleaning the glass. Thanks to its versatility it can be purchased in the wood version and the biomass fuel version through the installation of a bench or hopper loading device.

Features

» **2 hinged doors:** with large ceramic glass door that can be opened to 180°
» **Large ceramic glass window:** for an excellent view of the flame
» **Electric spit***
» **Domestic hot water production***
» **Mechanical control unit*:** designed to manage the pump
» **Electronic control unit*:** for management of the pump, spit and diverter valve
» **Pump***
» **Hydro Kit*:** separates the plants and produces domestic hot water
» **100 Kit*:** module for boiler/chimney interface
» **120 Kit*:** module for boiler/chimney interface and 3-way valve management
» **200 Kit*:** module for hot water production/heating interfacing
» **300 Kit*:** module for boiler/chimney interface and 3-way valve management

***Notes**: (*) optional*

Powers and heatable spaces

Available with the following rated thermal inputs/ m2 / m3 heatable*:

MARIX 20 » 18.5 kW » up to 150 m2 » up to 450 m3
MARIX 30 » 27.8 kW » up to 250 m2 » up to 750 m3

***Notes**: (*) on the basis of the model and for homes built in compliance with Law 10/91 and with heating requirement of 35 W/m³ and rooms with height of 3m.*

Optional accessories for wood

- Domestic hot water
- Electronic control unit
- Split
- Mechanical control unit
- Pump
- Management modules

Optional accessories for wood and biomass

- Domestic hot water
- Split
- Automatic ignition
- Pump
- Management modules

Fuels

Wood *Maize* *Olive pit* *Pellets* *Olive pomace*

5 years WARRANTY · 80% EFFICIENCY · LOW EMISSIONS

Pasqualicchio 5 Quin-Fuel Technology

Panoramico

Certified product CE EN 13229 IMQ

Description

Panoramico is the fireplace heating system that follows you everywhere. You can admire the flame from every corner of your home. Thanks to its versatility it can be purchased in the wood version and the biomass fuel version through the installation of a bench or hopper loading device. Panoramico fireplace heating system is top of the Pasqualicchio fireplace heating system range. Easy to install, it is fitted with a new shutter opening system. The large semi-hexagonal ceramic glass window allows the flame also to be admired from the sides. Moreover, a key has made it possible to open the glass from the sides to facilitate cleaning. The aesthetics of the Panoramic fire place heating system mean is adapts well to a modern furnishings, reconciling the atmospherethat only a flame knows how to create with an innovative and futuristic aspect.

Features

» **Side opening:** to facilitate cleaning of the glass
» **Large ceramic glass window:** for an excellent view of the flame
» **Electric spit***
» **Domestic hot water production***
» **Mechanical control unit*:** designed to manage the pump
» **Electronic control unit*:** for management of the pump, spit and diverter valve
» **Pump***
» **Hydro Kit*:** separates the plants and produces domestic hot water
» **100 Kit*:** module for boiler/chimney interface
» **120 Kit*:** module for boiler/chimney interface and 3-way valve management
» **200 Kit*:** module for hot water production/heating interfacing
» **300 Kit*:** module for boiler/chimney interface and 3-way valve management

***Notes**: (*) optional*

Powers and heatable spaces

Available with the following rated thermal inputs/ m² / m³ heatable*:

PANORAMICO 20 » 18.5 kW » up to 150 m2 » up to 450 m3

PANORAMICO 30 » 27.8 kW » up to 250 m2 » up to 750 m3

***Notes: (*)** on the basis of the model and for homes built in compliance with Law 10/91 and with heating requirement of 35 W/m³ and rooms with height of 3m.*

Optional accessories for wood

- Domestic hot water
- Electronic control unit
- Split
- Mechanical control unit
- Pump
- Management modules

Optional accessories for wood and biomass

- Domestic hot water
- Split
- Automatic ignition
- Pump
- Management modules

Fuels

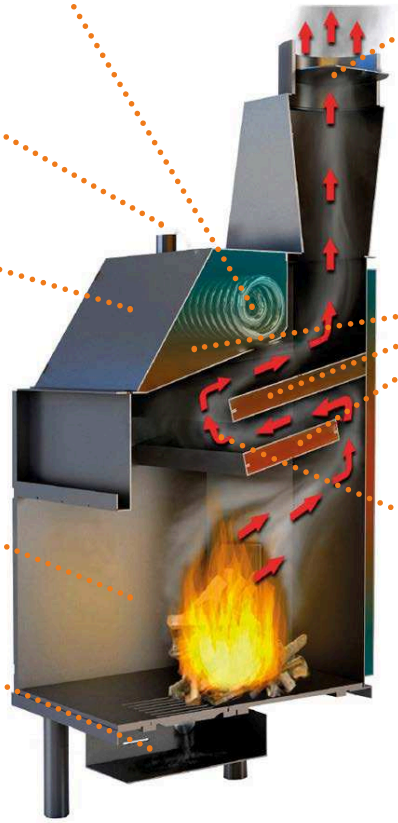
Wood · *Maize* · *Olive pit* · *Pellets* · *Olive pomace*

Copper coil: realised in finned copper to increase the heat exchange surface, it allows the production of domestic hot water

Regulation damper: allows to solve problems of excessive draft, which would negatively affect the correct operation of the burner

Couplings for bulbs: for positioning of the temperature probes and thermostats

Boiler body: in painted steel



Water cavity: heat exchanger where the hot fumes are conveyed

Combustion chamber: big to allow large amounts of wood to the loaded

Fumes pathway: designed with 3-pass geometry to increase efficiency of the heat exchange

Burn pot ash-drawer: collects the ash produced in the combustion chamber for practical and quick cleaning

Operating principle with wood: the large combustion chamber allows to stack a considerable amount of wood. The energy released by burning this fuel is transferred to the water present in the cavity of the thermo-stove. The particular shape of the combustion chamber has been studied in a way to make the fumes transfer as much heat as possible to the heat-carrying fluid, which then distributes it to the room through the hydraulic plant.

Automatic management*

The electronic control unit allows completely automatic management. It reads the temperature of the water and the fumes through the probes. In this way, the operating status of the fireplace heating system is determined. With automatic management, it is the motor that each time establishes the amount of fuel that must finish in the burn pot and, at the same time the amount of combustion agent air, adjusted directly by the fan. Moreover, thanks to the management of the heat regulator, it allows the system not to accumulate a high thermal inertia, as it modulates the fireplace heating system operating power. This mechanism drastically reduces the consumption of fuel progressively as the temperature set is approached. Finally, it indicates whether there is fuel present in the silo or not.

Notes: (*) available for combined thermo-stove\biomass fuels only

Blower for automatic ignition*

The ignition of biomass fuels in the fireplace heating system is manual. It can however be automated to make use of the potentiality of the control unit and requesting the installation of the blower as an optional. This device blows air at a very high temperature onto the biomass fuel in the burner, triggering combustion. However, with wood, ignition is exclusively manual.

Notes: (*) available for combined thermo-stove\biomass fuels only

Plant kits

Indispensable for those plants where a gas boiler already exists and part of the home cannot be used as a boiler room. These kits have a double pump, appropriately sized heat exchanger and control unit and they represent the perfect synthesis of the nerve-centre of the heating plant all contained in just one box. All the part of the plant that must otherwise be realised by the installer is enclosed in just one box.

Kits available:

Hydro Kit: primary circuit (vessel open) and secondary circuit (vessel closed) separation

100 Kit: boiler/chimney interface module

120 Kit: boiler/chimney interface module with domestic hot water production system

200 Kit: module for domestic hot water production/heating interfacing

300 Kit: boiler/chimney interface module with heat exchanger for domestic hot water

Copper coil

It is an optional that allows to produce domestic water. The coil is realised in finned copper to increase the heat exchange surface and has been designed to be installed also successively to purchase of the fireplace heating system.

Automatic loading devices*

Two types of tanks have been designed to store the fuel (biomass type). The automatic loading devices can be installed successively and allow to burn biomass fuels. They are available in two versions: hopper and bench. The latter is recommended for indoor rooms as it is developed width wise. The hopper version is recommended for outdoors as it allows a large amount of fuel to be stored.

Notes: (*) available for combined thermo-stove\biomass fuels only

Inverter*

Mounted on the loading systems, it allows the motor that manages the screw, to guarantee a constant supply of fuel to the burner; operating with a continuous cycle and, therefore with a stable flame. In this way, the combustion chamber never cools down and, moreover, this device makes the system silent; something that cannot be appreciated in other models on the market. The continuous cycle operation of the inverter allows to reduce emissions of CO2, thus guaranteeing higher efficiency and respect of the ecosystems.

Notes: (*) available for combined thermo-stove\biomass fuels only

Operating principle with biomass fuel: the hydraulic part operates in the same way as the wood part, however there is a difference on the burn pot. In fact, for the last case, instead of loading the fuel manually, it is taken automatically from the fuel advancement system into the cast iron burner. Combustion, which releases the heat energy, takes place inside the burner with the aid of combustion agent air.

5 years WARRANTY · 90% EFFICIENCY · LOW EMISSIONS

Pasqualicchio 5 Quin-Fuel Technology

TermoCompact

Certified product

CE EN 13229 IMQ

Description

Termocompact is the ideal solution for those wanting both a wood burning and biomass fuel heating system. This type of fireplace heating system is on the market completely assembled with a fixed loading device in the side position. The compact monobloc has been designed for those with small spaces available but still want a wooden and biomass fuel heating system. Regarding wood-burning heating, the chimney has a large combustion chamber that can be accessed from the front panel through the shutter opening. While for operation with biomass fuels, the system is composed of a loading device fitted with a large silo and which can be accessed from several sides. The fuel advancement system has the same functionality as a combined thermo-stove. The automatic passage from wood to pellets must be highlighted. Finally, the particular air vent on our thermo-stoves keeps the glass cleaner longer and allows to introduce the correct amount of air into the combustion chamber in any draft condition, burning the wood in a slow and constant manner.

Features

» **Inverter**
» **Electric motor**
» **Fan**
» **Electronic control unit**
» **Electric spit***
» **Domestic hot water production***
» **Pump***
» **100 Kit*:** module for boiler/chimney interface
» **120 Kit*:** module for boiler/chimney interface and 3-way valve management
» **200 Kit*:** module for hot water production/heating interfacing
» **300 Kit*:** module for boiler/chimney interface and 3-way valve management

***Notes**: (*) optional*

Powers and heatable spaces

Available with the following rated thermal inputs/ m² / m³ heatable*:

TERMOCOMPACT 20 » 18.5 kW » up to 150 m2 » up to 450 m3
TERMOCOMPACT 30 » 27.8 kW » up to 250 m2 » up to 750 m3

Notes: (*) on the basis of the model and for homes built in compliance with Law 10/91 and with heating requirement of 35 W/m³ and rooms with height of 3m.

Standard accessories

- Electronic control unit
- Charger *
- Pellet level sensor

Notes: (*) Supports hopper only

Optional accessories

- Domestic hot water
- Automatic ignition
- Pump
- Split
- Management modules

Fuels

Wood · *Maize* · *Olive pit* · *Pellets* · *Olive pomace*

TermoCompact Kit Idro

Certified product

EN 13229

Description

Termocompact with Hydro Kit is supplied with an innovative double circuit system with a stainless steel open expansion tank. It can be connected to the plant as the components are pre-assembled. The open tank guarantees maximum safety.
The closed tank allows correct plant pressure and the correct circulation of the heat-carrying fluid. These are connected to a plate heat exchanger. The open tank is fitted with pump, drain cock and shut-off valves. It produces domestic hot water with the innovative "HOT WATER SYSTEM" and has the function of anti-condensate. This type of fireplace heating system is on the market completely assembled with a fixed loading device in the side position. The compact monobloc has been designed for those with small spaces available but still want a wooden and biomass fuel heating system.

Features

- **Inverter**
- **Electric motor**
- **Fan**
- **Electric spit**
- **Hydro Kit**
- **Automatic ignition via blower**
- **Copper coil for domestic hot water**

Notes: *(*) optional*

Powers and heatable spaces

Available with the following rated thermal inputs/ m² / m³ heatable*:

TERMOCOMPACT KIT IDRO 20 » 18.5 kW » up to 150 m2 » up to 450 m3
TERMOCOMPACT KIT IDRO 30 » 27.8 kW » up to 250 m2 » up to 750 m3

Notes: (*) *on the basis of the model and for homes built in compliance with Law 10/91 and with heating requirement of 35 W/m³ and rooms with height of 3m.*

Accessories

- Domestic hot water
- Electronic control unit
- Charger *
- Pump
- Management modules

Notes: (*) Supports hopper only

Optional accessories

- Pump
- Automatic ignition

Fuels

Wood *Maize* *Olive pit* *Pellets* *Olive pomace*

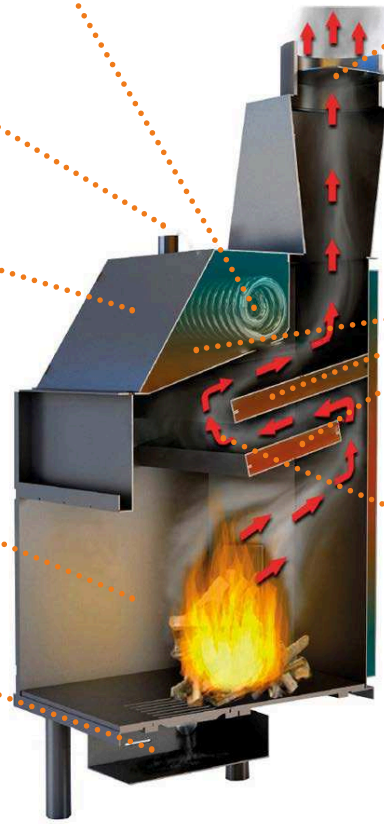
Termocompact e Termocompact Kit Idro
Operating layout

Copper coil: realised in finned copper to increase the heat exchange surface, it allows the production of domestic hot water

Regulation damper: allows to solve problems of excessive draft, which would negatively affect the correct operation of the burner

Couplings for bulbs: for positioning of the temperature probes and thermostats

Boiler body: in painted steel



Water cavity: heat exchanger where the hot fumes are conveyed

Combustion chamber: big to allow large amounts of wood to the loaded

Fumes pathway: designed with 3-pass geometry to increase heat exchange efficiency

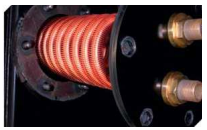
Burn pot ash-drawer: collects the ash produces in the combustion chamber for practical and quick cleaning

Operating principle with wood: the large combustion chamber allows to stack a considerable amount of wood. The energy released by burning this fuel is transferred to the water present in the cavity of the thermo-stove. The particular shape of the combustion chamber has been studied in a way to make the fumes transfer as much heat as possible to the heat-carrying fluid, which then distributes it to the room through the hydraulic plant.

Termocompact e Termocompact Kit Idro
Further details regarding components

Automatic management

The electronic control unit allows completely automatic management of operation both with wood and wood/pellets. It reads the temperature of the water and the fumes through the probes. In this way, the operating status of the fireplace heating system is determined. With automatic management, it is the motor that establishes the amount of fuel that must finish in the burn pot each time and, at the same time, the amount of combustion agent air, adjusted directly by the fan. Moreover, thanks to the management of the heat regulator, it allows the system not to accumulate a high thermal inertia, as it modulates the fireplace heating system operating power. This mechanism drastically reduces the consumption of fuel progressively as the temperature set is approached. Finally, it indicates whether there is fuel present in the silo or not.



Copper coil

It is an optional that allows to produce domestic hot water for all models, i.e. those operating with wood and those operating with wood/pellets. The coil is realised in finned copper to increase the heat exchange surface and has been designed to also be installed successively to purchase of the fireplace heating system.

Plant kits

Indispensable for those plants where a gas boiler already exists and part of the home cannot be used as a boiler room. The kit can have a double pump, appropriately sized heat exchanger and control unit. This represents the perfect synthesis of the nerve-centre of the heating plant all contained in just one box. All of the part of the plant that must otherwise be realised by the installer is enclosed in just one box.

Kits available:
100 Kit: boiler/chimney interface module
120 Kit: boiler/chimney interface module with domestic hot water production system
200 Kit: module for domestic hot water production/heating interfacing
300 Kit: boiler/chimney interface module with heat exchanger for hot water

Inverter

Mounted on the loading systems, it allows the motor that manages the screw, to guarantee a constant supply of fuel to the burner; operating with a continuous cycle and, therefore with a stable flame. In this way, the combustion chamber never cools down and, moreover, this device makes the system silent; something that cannot be appreciated in other models on the market. The inverter continuous cycle allows to reduce emissions of CO_2, thus guaranteeing higher efficiency and respect of the ecosystems.

Blower for automatic ignition

The ignition of biomass fuels in the fireplace heating system is manual. It can however be automated to make use of the potentiality of the control unit and requesting the installation of the blower as an optional. This device blows air at a very high temperature onto the biomass fuel in the burner, triggering combustion. However, with wood, ignition is exclusively manual.

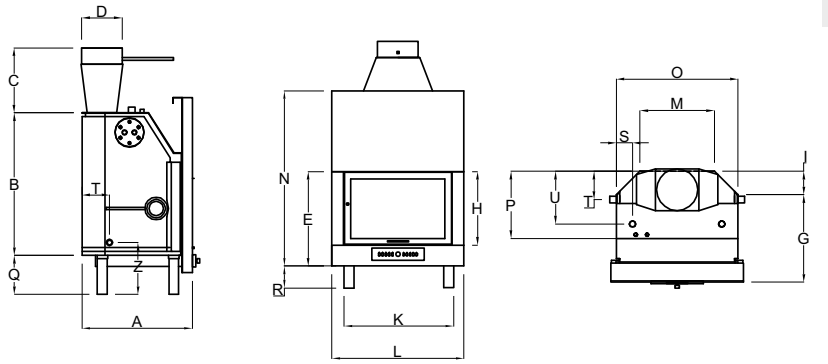
Operating principle with biomass fuel: the hydraulic part operates in the same way as the wood part; however there is a difference on the burn pot. In fact, for the last case, instead of loading the fuel manually, it is taken automatically from the fuel advancement system into the cast iron burner. Combustion, which releases the heat energy, takes place inside the burner with the aid of combustion agent air.

Parameters/Model	Panoramico 20	Panoramico 30	Frascel 20	Frascel 30	Marix 20	Marix 30
Power						
Chimney [kW]	23,20	34,80	23,20	34,80	23,20	34,80
Nominal power [kW]	18,56	27,84	18,56	27,84	18,56	27,84
Chimney [kcal/h]	20000	30000	20000	30000	20000	30000
Nominal [kcal/h]	16000	24000	16000	24000	16000	24000
Thermal power fluid [KW]	14,86	22,14	14,86	22,14	14,86	22,14
Thermal power air [KW]	3,70	5,70	3,70	5,70	3,70	5,70
Dimensions						
A [mm]	780	825	690	750	620	690
B [mm]	880	930	880	930	880	930
C [mm]	400	400	400	400	400	400
D [mm]	250	250	250	250	250	250
E [mm]	590	635	580	630	590	650
F [mm]	530	580	/	/	/	/
G [mm]	640	685	550	510	480	550
H [mm]	450	500	450	500	450	510
I [mm]	140	140	140	140	140	140
K [mm]	820	870	670	710	705	745
L [mm]	870	920	820	860	825	865
M [mm]	460	500	460	500	460	500
N [mm]	1110	1200	1080	1180	735	785
O [mm] (dimensions with Kit Idro)	750 (950)	800 (1000)	750 (950)	800 (1000)	750 (950)	800 (1000)
P [mm]	410	470	410	470	410	470
Q [mm]	240	240	240	240	240	240
R [mm]	135	125	135	125	135	125
S [mm]	100	100	100	100	100	100
T [mm]	170	170	170	170	170	170
U [mm]	320	350	320	350	320	350
Z [mm]	330	330	330	330	330	330
Chimney [mm]	250					
Weight [kg]	290	320	230	280	210	260
Fuel						
Type	Wood, maize, olive pit, pellets, olive pomace					
Dimensions combustion chamber (Lu x La x Al) [mm]	Min340-Max580 680 – 400	Min340-Max580 730 – 400	Min340-Max580 680 – 400	Min340-Max580 730 – 400	Min340-Max580 680 – 400	Min340-Max580 730 - 400
Hydraulics						
Water connection system [Inches]	1"					
Water connection [Inches]	1/2"					
Max pressure [bar]	2					
Water capacity [Lit]	70	90	70	90	70	90
Info						
Optionals	Domestic hot water, spit, management modules, automatic loading device					
Fuel consumption [kg / h]*	3,5	5,5	3,5	5,5	3,5	5,5
Heating surfice [m3]**	450	750	450	750	450	750

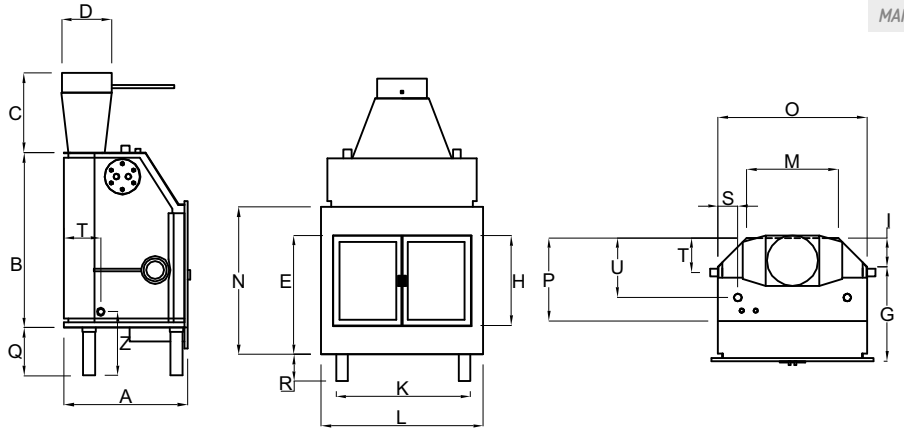
Pasqualicchio reserves the right to make technical, dimensional and aesthetic modifications to its products for improvement, without forewarning. This does not constitute right of withdrawal for the customer.
Notes: (*) the values have been calculated taking a fuel with calorific value below 5 [kW * h/kg] as a reference.
(**) The values have been calculated taking a heating requirement of 35 [W/m3] as a reference.

Frascel - Marix - Panoramico » Technical specifications

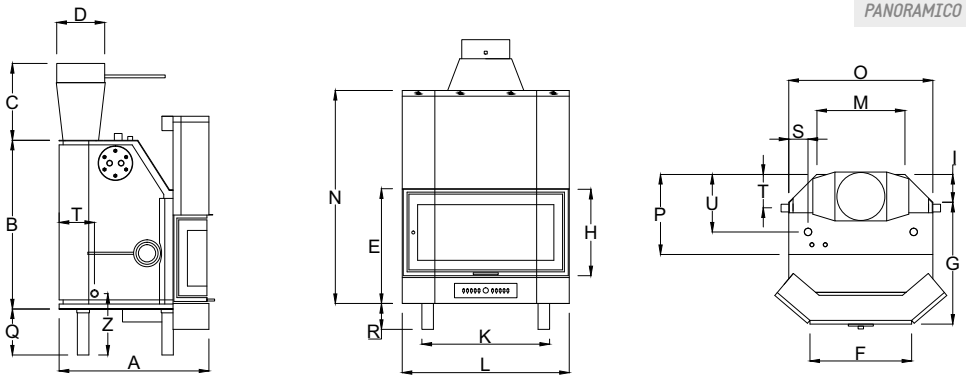
FRASCEL



MARIX



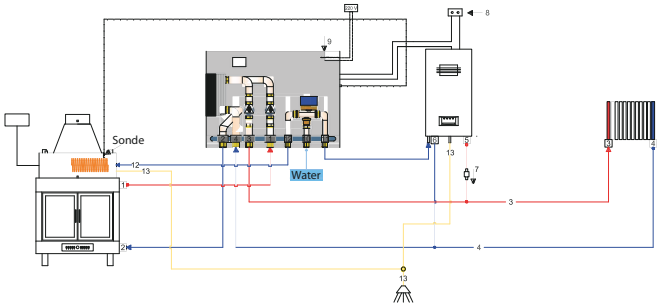
PANORAMICO



Plant kits

Indispensable for those plants where a gas boiler already exists and part of the home cannot be used as a boiler room. These kits have a double pump, appropriately sized heat exchanger and control unit and they represent the perfect synthesis of the nerve-centre of the heating plant all contained in just one box. All the parts of the plant that must otherwise be realised by the installer are enclosed in just one box.
Kits available:
Hydro Kit: primary circuit (vessel open) and secondary circuit (vessel closed) separation
100 Kit: boiler/chimney interface module
120 Kit: boiler/chimney interface module with domestic hot water production system
200 Kit: module for domestic hot water production/heating interfacing
300 Kit: boiler/chimney interface module with heat exchanger for domestic hot water

KIT 120			
1	chimney outlet	8	thermostat ambient
2	chimney return	9	unit management
3	system flow	10	water flow
4	system return	11	flow AFS boiler
5	boiler flow	12	flow AFS chimney
6	boiler return	13	flow ACS chimney
7	no return valve		



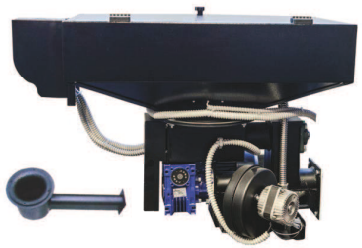
Hopper and Bench for Frascel - Marix - Panoramico
Technical specifications

Automatic loading devices*

Two types of tanks have been designed to store the fuel (biomass type). The automatic loading devices can be installed successively and allow to burn biomass fuels. They are available in two versions: hopper and bench. The latter is recommended for indoor rooms as it is developed width wise. The hopper version is recommended for outdoors as it allows a large amount of fuel to be stored.
The system has been designed in a way that the entire structure of the loading device can rotate 210 degrees around the fireplace heating system. Therefore, the two devices can be mounted both laterally and at the rear. Moreover, thanks to the possibility of lengthening the transport pipe, they can be positioned in an adjoining room. The new versions have been designed in a way to move the loading system, leaving just the silo in the direction of the wall. These devices are managed entirely by an electronic control unit which controls the functionality and allows modulation of the power, once the desired temperature has been reached.
Notes: (*) available for combined thermo-stove\biomass fuels only.

HOPPER

BENCH

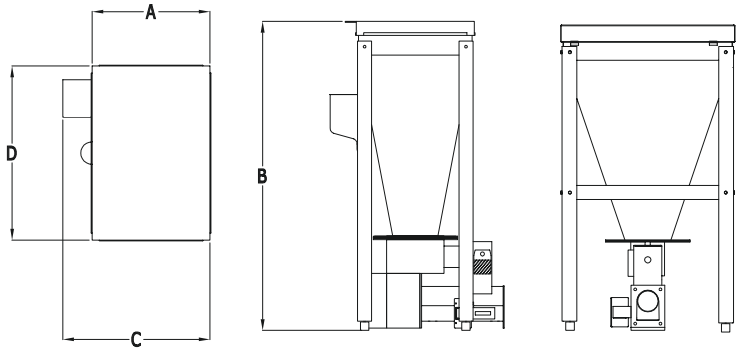


Hopper and Bench for Frascel - Marix - Panoramico
Technical specifications

Parameters/Model	Bench	Hopper
Dimensions		
A [mm]	710	420
B [mm]	655	1165
C [mm]	870	530
D [mm]	390	620
Peso [kg]	90	100
Fuel		
Type	Wood, maize, olive pit, pellets, olive pomace	
Capacity tank [Lit / Kg-Pellet]	65/40	90/60
Info		
Optionals	Automatic ignition, cochlea extension up to 2 metres	
Standard	Automatic management, pellet level sensor	
Power supply [W]	Min 25 W / Max 600 W to 230 V 50 Hz	
Fuel consumption (Mod. 20000/30000) [kg/h]*	4,5/7,0	4,5/7,0

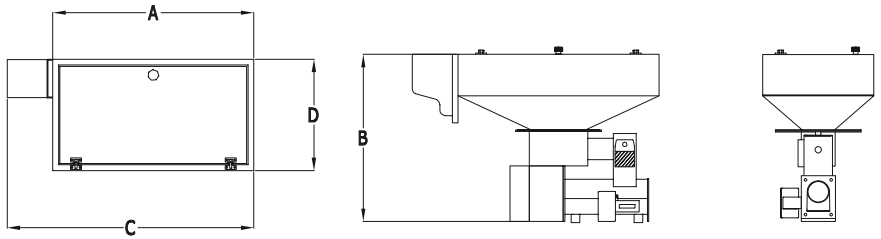
HOPPER

COCHLEA OUTPUT



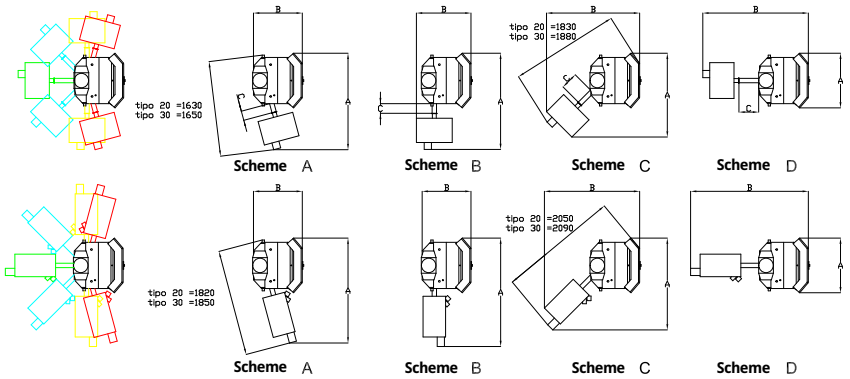
BENCH

COCHLEA OUTPUT



Hopper and Bench » Technical specifications

CHARGER SETUP

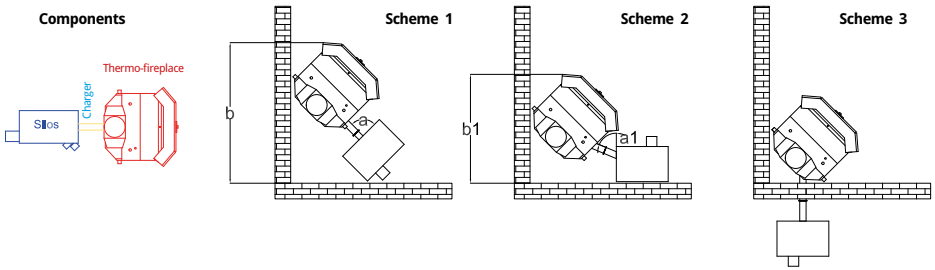


Panoramico Hopper	Scheme A			Scheme B			Scheme C			Scheme D		
	A	B	C	A	B	C	A	B	C	A	B	C
Model 20 [mm]	1650	780	100	1640	900	190	1430	1570	250	870	1790	360
Model 30 [mm]	1670	825	0	1670	925	170	1450	1610	240	920	1810	360
Inclination	75°			90°			135°			180°		
Frascel Hopper	Scheme A			Scheme B			Scheme C			Scheme D		
	A	B	C	A	B	C	A	B	C	A	B	C
Model 20 [mm]	1610	790	100	1600	800	190	1390	1470	250	820	1680	360
Model 30 [mm]	1630	790	0	1630	860	170	1410	1530	240	860	1750	360
Inclination	75°			90°			135°			180°		
Marix Hopper	Scheme A			Scheme B			Scheme C			Scheme D		
	A	B	C	A	B	C	A	B	C	A	B	C
Model 20 [mm]	1600	790	100	1600	710	190	1385	1390	250	815	1600	360
Model 30 [mm]	1630	790	0	1630	780	170	1410	1500	240	865	1680	360
Inclination	75°			90°			135°			180°		

Panoramico Bench	Scheme A			Scheme B			Scheme C			Scheme D		
	A	B	C	A	B	C	A	B	C	A	B	C
Model 20 [mm]	1790	780	100	1850	780	190	1670	1600	250	870	2000	360
Model 30 [mm]	1820	825	0	1880	825	170	1590	1650	240	920	2450	360
Inclination	75°			90°			135°			180°		
Frascel Bench	Scheme A			Scheme B			Scheme C			Scheme D		
	A	B	C	A	B	C	A	B	C	A	B	C
Model 20 [mm]	1760	750	100	1820	700	190	1530	1500	250	820	1900	360
Model 30 [mm]	1760	760	0	1840	760	170	1550	1570	240	860	1960	360
Inclination	75°			90°			135°			180°		
Marix Bench	Scheme A			Scheme B			Scheme C			Scheme D		
	A	B	C	A	B	C	A	B	C	A	B	C
Model 20 [mm]	1760	750	100	1820	620	190	1530	1430	250	815	1820	360
Model 30 [mm]	1780	750	0	1840	690	170	1550	1500	240	865	1890	360
Inclination	75°			90°			135°			180°		

C, minimum distance between thermo-fireplace e Silos

CHARGER POSITION



Termocompact » Technical specifications

Parameters/Model	Termocompact 20	Termocompact 30
Power		
Chimney [kW]	23,20	34,80
Nominal power [kW]	18,56	27,84
Chimney [kcal/h]	20000	30000
Nominal power [kcal/h]	16000	24000
Thermal power fluid [KW]	14,86	22,14
Thermal power air [KW]	3,70	5,70
Dimensions		
A [mm]	690	750
B [mm]	880	930
C [mm]	400	400
D [mm]	1280	1320
E [mm]	580	630
F [mm]	1285	1285
G [mm]	550	610
H [mm]	450	500
K [mm]	670	710
L [mm]	820	860
M [mm]	460	500
N [mm]	1080	1180
O [mm] (dimensions with Kit Idro)	750 (950)	800 (1000)
P [mm]	410	470
Q [mm]	240	240
R [mm]	135	125
S [mm]	430	430
T [mm]	670	670
U [mm]	320	350
W [mm]	170	170
Y [mm]	100	100
Z [mm]	330	330
Chimney [mm]	250	
Weight [kg]	320	320
Fuel		
Type	Wood, maize, olive pit, pellets, olive pomace	
Capacity tank [Lit / kg - Pellet]	130/85	
Hydraulics		
Water connection system [Inches]	1"	
Water connection [Inches]	1/2"	
Max pressure [bar]	2	
Water capacity [Lit]	70	90
Info		
Optionals	Domestic hot water, spit, system kit.	
Fuel consumption [kg / h]*	3,5	5,5
Heating surfice [m3]**	450	750

Pasqualicchio reserves the right to make technical, dimensional and aesthetic modifications to its products for improvement, without forewarning. This does not constitute right of withdrawal for the customer.
Notes: (*) the values have been calculated taking a fuel with calorific value below 5 [kW * h/kg] as a reference.
(**) The values have been calculated taking a heating requirement of 35 [W/m3] as a reference.

TERMOCOMPACT