



CATALOGUE

PELLET-FIRED STOVES AND HYDROSTOVES,
WOOD, PELLET AND DUAL-FUEL FIRED BOILERS



schuster®



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BIOENERGY IS RENEWABILITY

Low environmental impact and environmentally friendly products

Industrial production has always had a very important impact on the planet, whether we are talking about production processes or products.

Producing boilers and stoves, as well as automotive or various machinery, means having an additional responsibility, means having an ethical approach starting from the design and up to the disposal of the product.

Finding solutions that integrate the search for products always more eco-friendly and with low environmental impact with everyday well-being, ease of use, advanced technology, beauty, is an integral part of our mission, as well as raising awareness of the public and sector employees towards an ever greater active awareness.

For this reason, we also ask our customers to install, feed and maintain the products in a suitable way, above all following the regulations, as well as to use them with attention and respect for the environment, just as we are committed to following targeted production rules, with low impact on the territory, on people and on the ecosystem.

Renewability means intelligent use of resources; on this planet, often suffering from waste, in addition to seeking new solutions, pursuing advanced technology, promoting renewable energy sources, reducing emissions, it is important to maintain, differentiate, recycle, for ethical savings.



The objective of Schuster products is, in line with the requirements of the most restrictive European standards, to help protect the environment as much as possible, significantly reduce combustion emissions including the production of CO₂, thus making heating with biomass fuel (wood, pellets, etc.) increasingly ecological, as well as safe and with maximum user comfort.

The term biomass indicates all those materials of organic / vegetable origin which, unlike hydrocarbons, have not undergone fossilization processes (unlike oil, coal or natural gas).

Why burn wood (or derivatives) and therefore trees and plants, instead of other fossil fuels?

Simple, nature itself shows us how it is possible to keep our system in balance.

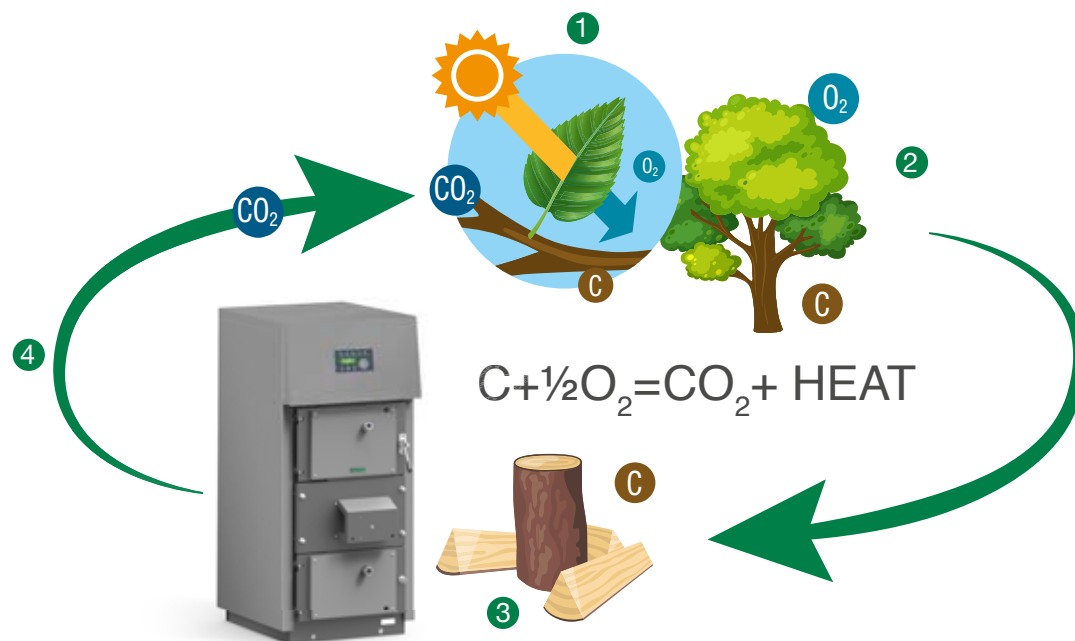
In fact, thanks to the mechanism of chlorophyll photosynthesis, the sun and plants ensure the right proportion of oxygen to the air we breathe. Plants absorb carbon dioxide from the atmosphere (1), thus recovering carbon, necessary for their growth and, at the same time, they return oxygen, essential to our life and that of the planet (2).

During proper combustion, the carbon of the wood (3), combined with the oxygen in the air, produces the exact amount of carbon dioxide absorbed by the tree during its life cycle (4).

While fossil fuels are subject to depletion, wood, pellets and other wood products represent a renewable source of energy.

For this reason, installing a Schuster appliance running on pellets, wood or dual fuel is an “eco-friendly” choice, responsible towards our planet, while guaranteeing maximum comfort.

CYCLE OF NATURE



- 1 Chlorophyll photosynthesis: leaves absorb carbon dioxide from the atmosphere.
- 2 They recover carbon, their nourishment to live and grow, producing oxygen.
- 3 Wood obtained from trees is therefore a product of photosynthesis and is composed of carbon.
- 4 By burning wood (or derivatives) in the hearth, the carbon combines with oxygen and, thanks to the double combustion, releases the same amount of carbon dioxide that the tree had removed from the atmosphere to produce the wood.
- 5 The CO₂ emitted by the chimney is equal to the CO₂ absorbed by the plant. This is why it can be defined as “zero environmental impact”.

REGULATIONS AND CERTIFICATIONS

**ECO
DESIGN**
2020

**ECO
DESIGN**
2022

The ECODESIGN regulation establishes the requirements and methods of application of Directive 2009/125 / EC of the European Parliament and the Council of the European Union, regarding the eco-design criteria for biomass appliances.

The objective of the regulation is to improve the environmental performance of new biomass heat generators and that is why, starting from its entry into force, only appliances capable of meeting the required efficiency and emissions limits can be marketed.

The regulation is mandatory and must be directly applied by each of the member States of the European Union starting from:

■ **January 1st, 2020**

for biomass boilers (EU Regulation 2015/1189)

■ **January 1st, 2022**

for biomass household appliances, such as:
stoves, fireplaces and kitchens (EU Regulation 2015/1185).

Product certifications

Schuster appliances are submitted to independent Notified Bodies for an evaluation, based on the strictest European laws. Subsequently, the Notified Bodies certify the product's high efficiency and low emissions, as required by various national and regional laws.



Conformity mark
to european normatives

EN 14785

European reference standard
for pellet fired stoves

EN 13240

European reference standard
for wood logs fired stoves

EN 13229

European reference standard
for inserts and fireplaces

EN 303.5

European reference standard
for solid fuels boilers

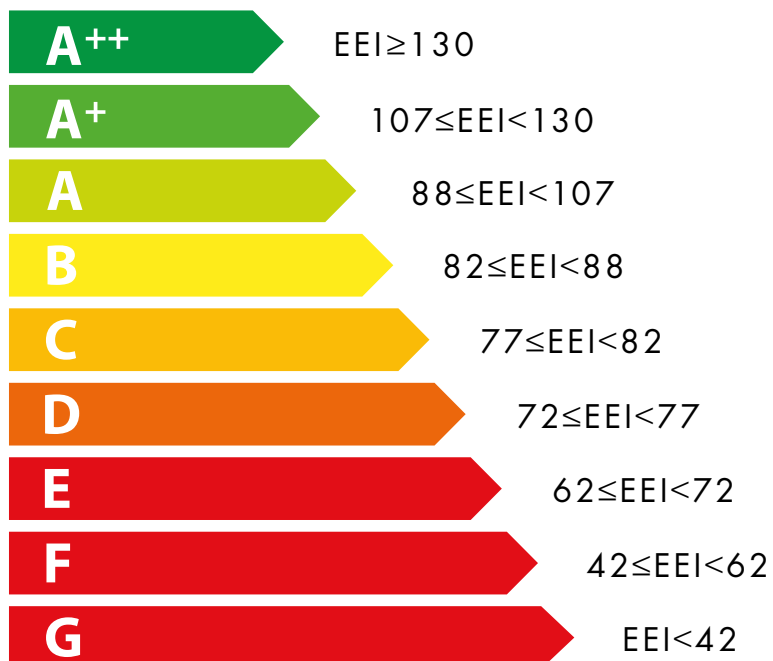
ENERGY LABEL

The European Energy Label provides consumers with accurate information on the energy consumption and performance of stoves, hydro-stoves, kitchens and boilers, both wood and pellet-fired.

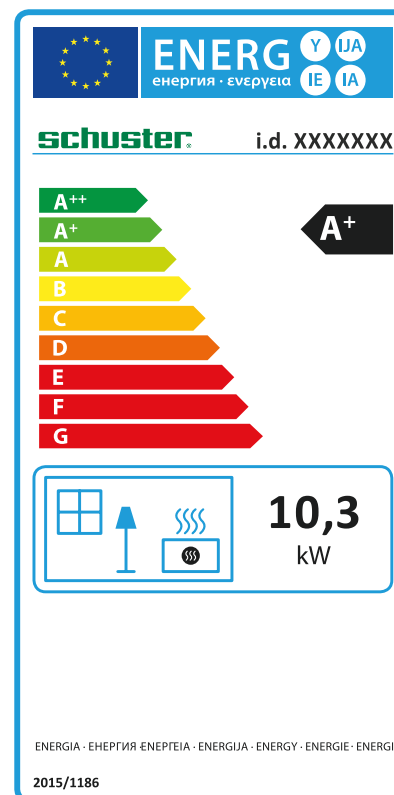
Schuster appliances are designed and built with a particular attention to energy saving, reaching and widely exceeding class A for most of the products.

As for household appliances, thanks to the Energy Label, the consumer can identify the energy characteristics of the product, such as:

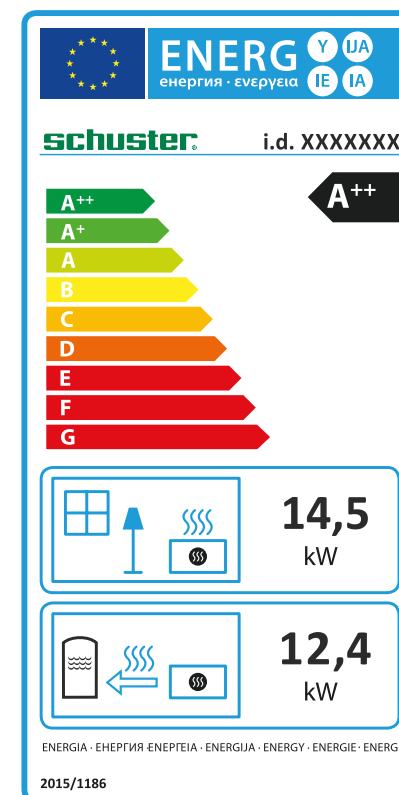
- The name or brand of the supplier and the model identifier;
- the energy efficiency class of the appliance, according to a scale ranging from G to A ++;
- the direct thermal power of the appliance, i. e. the nominal Output, expressed in kW.



Example of STOVE energy label



Example of the HYDRO-STOVE energy label





MILOS

VENTILATED PELLET STOVE



ENERGY
LABELLING



EN 14785-2006

ECO
DESIGN
2022



MILOS		6
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	47x44x102
WEIGHT	kg	78
NOMINAL INPUT (min.-max.)	kW	3,3 - 6,9
NOMINAL OUTPUT (min.-max.)	kW	3 - 6,3
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	91,3 - 91,4
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR DUCT DIAMETER	mm Ø	50
PELLET RESERVOIR CONTENT	kg	13
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,7 - 1,8
Nominal ELECTRIC ABSORPTION	W	106
ELECTRIC ABSORPTION at the ignition stage	W	300
HEATING VOLUME	m ³	190
NOISINESS	dB	40 / 55

Pellet stove, covered in steel and equipped with an elegant wooden pedestal. Thanks to the cast iron brazier, MILOS achieves high performance. Easy management through the simple display, perfectly integrated into the top.

MILOS

PLUS PRODUCT



VENTILATED
STOVE



CERAMIC
GLASS



CAST IRON
BRAZIER



POWER
MODULATION



REAR SMOKE
OUTLET



REMOTE
CONTROL



DAILY
PROGRAMMING

OPTIONAL



WI-FI



Black



White

BASEMENT IN LIGHT
ASH WOOD



Download on the
App Store

GET IT ON
Google Play



POROS

VENTILATED PELLET STOVE



ECO
DESIGN
2022



POROS		7	9
ENERGY CLASS		A+	A+
DIMENSIONS (LxPxH)	cm	54x54x103	54x54x113
WEIGHT	kg	78	78
NOMINAL INPUT (min.-max.)	kW	3,3 - 6,9	3,3 - 8,7
NOMINAL OUTPUT (min.-max.)	kW	3 - 6,3	3 - 7,8
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	91,3 - 91,4	91,3 - 90,2
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12	12
SMOKE OUTLET Ø	mm Ø	80	80
AIR INTAKE DIAMETER	mm Ø	50	50
PELLET RESERVOIR CONTENT	kg	13	13
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,7 - 1,8	0,7 - 1,8
Nominal ELECTRIC ABSORPTION	W	106	106
ELECTRIC ABSORPTION at the ignition stage	W	300	300
HEATING VOLUME	m³	190	190
NOISINESS	dB	40 / 55	40 / 55

Pellet stove with a refined design with rounded side and rear panels of the coating and painted in the same colour. The top, with the door of the pellet tank, is in cast iron of excellent manufacture; its particular design has a front flap that integrates perfectly with the grill and the fire door.

POROS

PLUS PRODUCT



VENTILATED
STOVE



CERAMIC
GLASS



CAST IRON
BRAZIER



POWER
MODULATION



REAR SMOKE
OUTLET



REMOTE
CONTROL



DAILY
PROGRAMMING

OPTIONAL



WI-FI



Black



White





NAXOS

VENTILATED PELLET STOVE



ECO
DESIGN
2022



NAXOS		8
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	61x52x102
WEIGHT	kg	102
NOMINAL INPUT (min.-max.)	kW	2,45 - 8,0
NOMINAL OUTPUT (min.-max.)	kW	2,4 - 7,64
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	97,89 - 95,59
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR INTAKE DIAMETER	mm Ø	50
PELLET RESERVOIR CONTENT	kg	20
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,51 - 1,65
Nominal ELECTRIC ABSORPTION	W	87
ELECTRIC ABSORPTION at the ignition stage	W	300
HEATING VOLUME	m ³	195
NOISINESS	dB	35 / 55

Slim line pellet stove. Rounded side panels with cast iron top with a pleasant and elegant surface finish. The “Hermetic” technology (room sealed) makes the NAXOS stove a very versatile product.

NAXOS

PLUS PRODUCT



VENTILATED
STOVE



HERMETIC



CERAMIC
GLASS



STEEL
BRAZIER



POWER
MODULATION



REAR SMOKE
OUTLET



“SILENT”
FUNCTION



WEEKLY
PROGRAMMING



REMOTE CONTROL
WITH ROOM
TEMPERATURE SENSOR

OPTIONAL



WI-FI



Black



White





RODI

VENTILATED PELLET STOVE



ECO
DESIGN
2022



RODI		8	10C ductable
ENERGY CLASS		A+	A+
DIMENSIONS (LxPxH)	cm	60x56x107	60x56x107
WEIGHT	kg	102	107
NOMINAL INPUT (min.-max.)	kW	2,45 - 8,0	2,45 - 10
NOMINAL OUTPUT (min.-max.)	kW	2,4 - 7,64	2,4 - 9,32
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	97,89 - 95,59	97,89 - 95,59
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12	12
SMOKE OUTLET Ø	mm Ø	80	80
AIR INTAKE DIAMETER	mm Ø	50	50
PELLET RESERVOIR CONTENT	kg	20	20
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,51 - 1,65	0,507 - 2,064
Nominal ELECTRIC ABSORPTION	W	87	87
ELECTRIC ABSORPTION at the ignition stage	W	300	300
HEATING VOLUME	m³	195	240
NOISINESS	dB	35 / 55	35 / 55

“Room sealed” pellet stove with a large exchange surface. The brazier and the combustion chamber in cast iron allow high performance. The top and the front are also in cast iron. The rounded line creates a matching whole of the same colour between the sides and the back, making the RODI stove a sophisticated classic.

RODI

PLUS PRODUCT



VENTILATED
STOVE



HERMETIC



DUCTABLE
(mod. 10C)



CERAMIC
GLASS



CAST IRON
BRAZIER



COMBUSTION
CHAMBER IN
CAST IRON



POWER
MODULATION



130/80 CHIMNEY
CONNECTION



REMOTE CONTROL
WITH ROOM
TEMPERATURE SENSOR



“SILENT”
FUNCTION



WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy





KOS

VENTILATED PELLET STOVE



ECO
DESIGN
2022



COMPATIBLE WITH
amazon alexa



KOS

KOS		9
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	54x60,4x108
WEIGHT	kg	80
NOMINAL INPUT (max.)	kW	8,9
NOMINAL OUTPUT (max.)	kW	8,2
MINIMUM OUTPUT (min.)	kW	2,5
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	93,3 - 91,7
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR INTAKE DIAMETER	mm Ø	40
PELLET RESERVOIR CONTENT	kg	22
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,54 - 1,83
Nominal ELECTRIC ABSORPTION	W	78
ELECTRIC ABSORPTION at the ignition stage	W	345
HEATING VOLUME	m³	55 ÷ 182
NOISINESS	dB	37 / 46

Cylindrical “room sealed” pellet stove with “Silent” function. Very versatile and steel cladding with circular top.

PLUS PRODUCT



VENTILATED
STOVE



HERMETIC



CERAMIC
GLASS



STEEL
BRAZIER



POWER
MODULATION



REAR SMOKE
OUTLET



“SILENT”
FUNCTION



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy





CORFÙ

VENTILATED PELLET STOVE



ECO
DESIGN
2022



COMPATIBLE WITH
amazon alexa



CORFÙ

CORFÙ		9
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	54x60,4x108
WEIGHT	kg	108
NOMINAL INPUT (max.)	kW	8,9
NOMINAL OUTPUT (max.)	kW	8,2
MINIMUM OUTPUT (min.)	kW	2,5
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	93,3 - 91,7
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80/130
AIR INTAKE DIAMETER	mm Ø	40
PELLET RESERVOIR CONTENT	kg	16
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,54 - 1,83
Nominal ELECTRIC ABSORPTION	W	78
ELECTRIC ABSORPTION at the ignition stage	W	345
HEATING VOLUME	m³	55 ÷ 182
NOISINESS	dB	37 / 46

Cylindrical “room sealed” pellet stove with “Silent” function. Elegantly covered in glass, it harmonizes with the finish of the fire box door in “Magic glass”. Modern and slender, with smoke outlet on the top, the CORFÙ stove is equipped with a display perfectly integrated into the pellet loading door.

PLUS PRODUCT



VENTILATED
STOVE



HERMETIC



MAGIC
GLASS



STEEL
BRAZIER



POWER
MODULATION



130/80 CHIMNEY
CONNECTION



UPPER SMOKE
OUTLET



“SILENT”
FUNCTION



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White

ELEGANT GLASS COVER





ITACA

VENTILATED PELLET STOVE



ECO
DESIGN
2022



COMPATIBLE WITH
amazon alexa



ITACA		9	10	12C ducted
ENERGY CLASS		A+	A+	A+
DIMENSIONS (LxPxH)	cm	40,8x50x92,9	54x49x103	54x49x103
WEIGHT	kg	80	112	112
NOMINAL INPUT (max.)	kW	8,9	10,9	13,3
NOMINAL OUTPUT (max.)	kW	8,2	9,7	11,9
MINIMUM OUTPUT (min.)	kW	2,5	4,8	4,8
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	93,3 - 91,7	93,2 - 88,8	93,8 - 89,7
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12	12	12
SMOKE OUTLET Ø	mm Ø	80	80	80
AIR INTAKE DIAMETER	mm Ø	40	50	50
PELLET RESERVOIR CONTENT	kg	22	22	22
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,54 - 1,83	1,06 - 2,25	1,08 - 2,77
Nominal ELECTRIC ABSORPTION	W	78	60	165
ELECTRIC ABSORPTION at the ignition stage	W	345	320	350
HEATING VOLUME	m³	55 ÷ 182	106 ÷ 215	106 ÷ 264
NOISINESS	dB	37 / 46	37 / 45	42 / 49

Pellet stove with a large exchange surface. "Room sealed", with steel cladding and "Silent" function, is versatile, both in terms of technology and aesthetics with a traditional taste. The diffusion of the ventilation air takes place from the top.

PLUS PRODUCT



VENTILATED
STOVE



HERMETIC



DUCTED
(mod. 12C)



CERAMIC
GLASS



STEEL
BRAZIER
(mod. 9)



CAST IRON
BRAZIER
(mod. 10-12C)



POWER
MODULATION



REAR SMOKE
OUTLET



"SILENT"
FUNCTION



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



UPPER SMOKE
OUTLET
(mod. 10-12C)



WI-FI



Black



White



Burgundy





ITACA S

VENTILATED PELLET STOVE



ECO
DESIGN
2022



COMPATIBLE WITH
amazon alexa



ITACA S

ITACA S		9
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	40,8x50x92,9
WEIGHT	kg	80
NOMINAL INPUT (max.)	kW	8,9
NOMINAL OUTPUT (max.)	kW	8,2
MINIMUM OUTPUT (min.)	kW	2,5
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	93,3 - 91,7
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR INTAKE DIAMETER	mm Ø	40
PELLET RESERVOIR CONTENT	kg	22
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,54 - 1,83
Nominal ELECTRIC ABSORPTION	W	78
ELECTRIC ABSORPTION at the ignition stage	W	345
HEATING VOLUME	m³	55 ÷ 182
NOISINESS	dB	37 / 46

Pellet stove with a large exchange surface. "Room sealed", with steel cladding and "Silent" function, is versatile, both in terms of technology and aesthetics with a traditional taste. The diffusion of the ventilation air takes place from the top. The smoke outlet is in the upper part.

PLUS PRODUCT



VENTILATED
STOVE



HERMETIC



CERAMIC
GLASS



STEEL
BRAZIER



POWER
MODULATION



UPPER SMOKE
OUTLET



"SILENT"
FUNCTION



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy





ZANTE

VENTILATED PELLET STOVE



ECO
DESIGN
2022



ZANTE

ZANTE		11
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	49,6x56,1x100
WEIGHT	kg	104
NOMINAL INPUT (min.-max.)	kW	4,87 - 11,67
NOMINAL OUTPUT (min.-max.)	kW	4,53 - 10,28
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	93,07 - 88,09
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR INTAKE DIAMETER	mm Ø	40
PELLET RESERVOIR CONTENT	kg	19
AVERAGE CONSUMPTION (min.-max.)	kg/h	1 - 2,41
Nominal ELECTRIC ABSORPTION	W	136
ELECTRIC ABSORPTION at the ignition stage	W	363
HEATING VOLUME	m³	129÷294

Pellet stove equipped with an exclusive pellet dosing system, which, thanks to the star shape with a sharp profile of its distributor, allows the quantity of fuel to be delivered precisely. Steel cladding and front panel contextualized with a painted steel frame. The fire box door is in ceramic glass, decorated with chromed strips on the sides.

PLUS PRODUCT



VENTILATED
STOVE



CERAMIC
GLASS



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



REAR SMOKE
OUTLET



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



DUCTABLE



WI-FI



Black



White



Burgundy





CHIOS

VENTILATED PELLET STOVE



ECO
DESIGN
2022



COMPATIBLE WITH
amazon alexa



CHIOS

CHIOS		13C ducted
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	58x58x117
WEIGHT	kg	101
NOMINAL INPUT (max.)	kW	13,3
NOMINAL OUTPUT (max.)	kW	11,9
MINIMUM OUTPUT (min.)	kW	4,8
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	93,8 - 89,7
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80/130
PELLET RESERVOIR CONTENT	kg	20
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,075 - 2,775
Nominal ELECTRIC ABSORPTION	W	165
ELECTRIC ABSORPTION at the ignition stage	W	350
HEATING VOLUME	m ³	106 ÷ 264
NOISINESS	dB	42 / 49

Pellet stove equipped with cast iron brazier. "Room sealed", with air/flue connection "dia.130/80" integrated in the top, CHIOS offers simplicity and versatility of installation. Thanks also to its circular shape, contained in a small space, CHIOS is an exclusive product of its kind.

PLUS PRODUCT



VENTILATED
STOVE



HERMETIC



DUCTED



CERAMIC
GLASS



CAST IRON
BRAZIER



POWER
MODULATION



130/80
CHIMNEY
CONNECTION



"SILENT"
FUNCTION



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy





CRETA

VENTILATED PELLET STOVE



ECO
DESIGN
2022



CRETA		15C ducted
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	71,8x52,9x115,5
WEIGHT	kg	165
NOMINAL INPUT (min.-max.)	kW	6,45 - 16,35
NOMINAL OUTPUT (min.-max.)	kW	6 - 14,6
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	93 - 89,3
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR INTAKE DIAMETER	mm	rectangular 40x60
PELLET RESERVOIR CONTENT	kg	19
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,3 - 3,3
Nominal ELECTRIC ABSORPTION	W	153
ELECTRIC ABSORPTION at the ignition stage	W	350
HEATING VOLUME	m³	185 ÷ 480

Pellet stove equipped with an exclusive pellet dosing system which, thanks to the star shape with a sharp profile, allows the quantity of fuel to be delivered precisely.

The aesthetics of CRETA is enhanced by the exclusive stone top in "Serpentine". Thanks to the upper smoke outlet, CRETA is a product that can be installed flush with the wall.

CRETA

PLUS PRODUCT



VENTILATED
STOVE



DUCTED



CERAMIC
GLASS



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



UPPER SMOKE
OUTLET



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



WI-FI

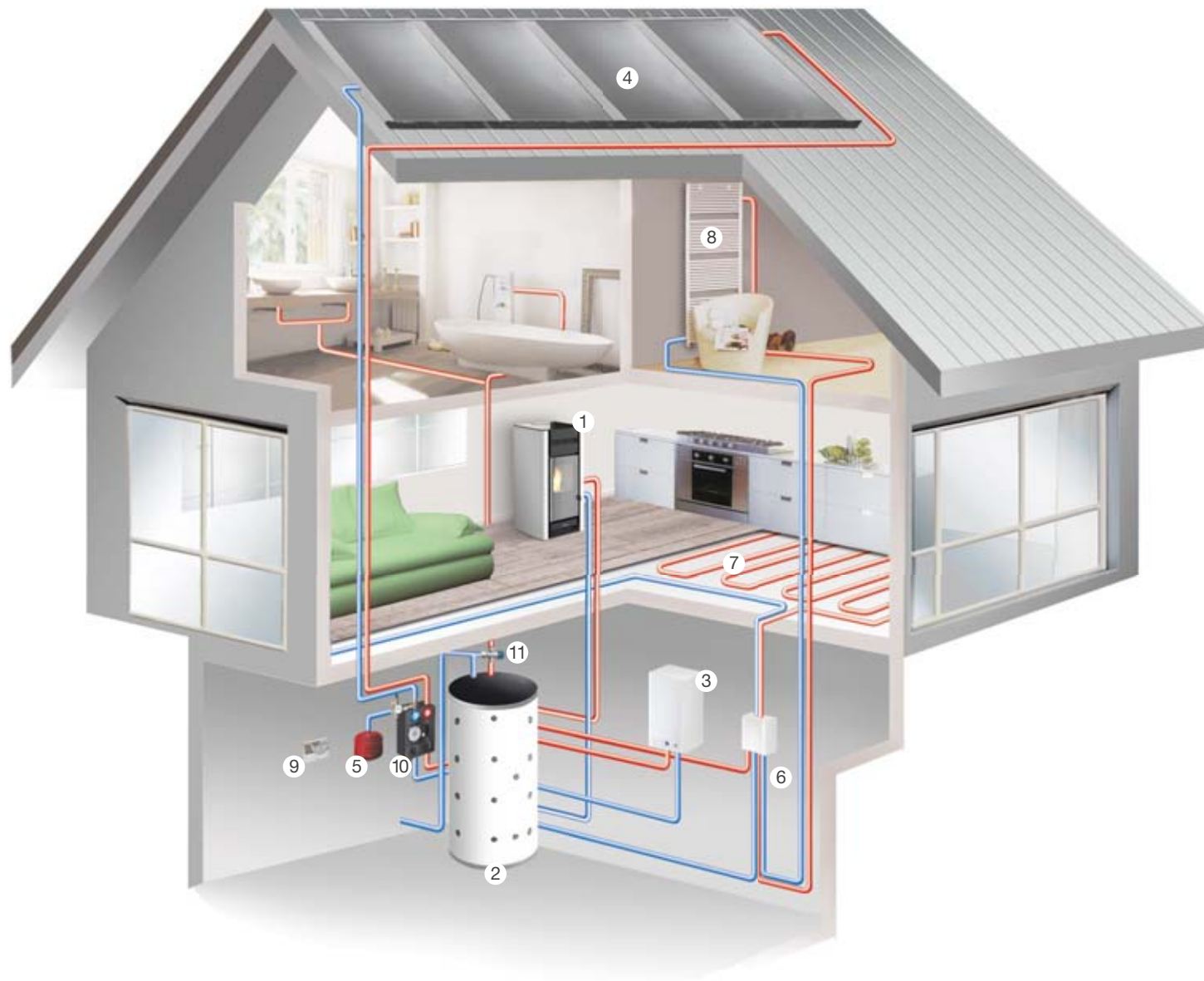


Black

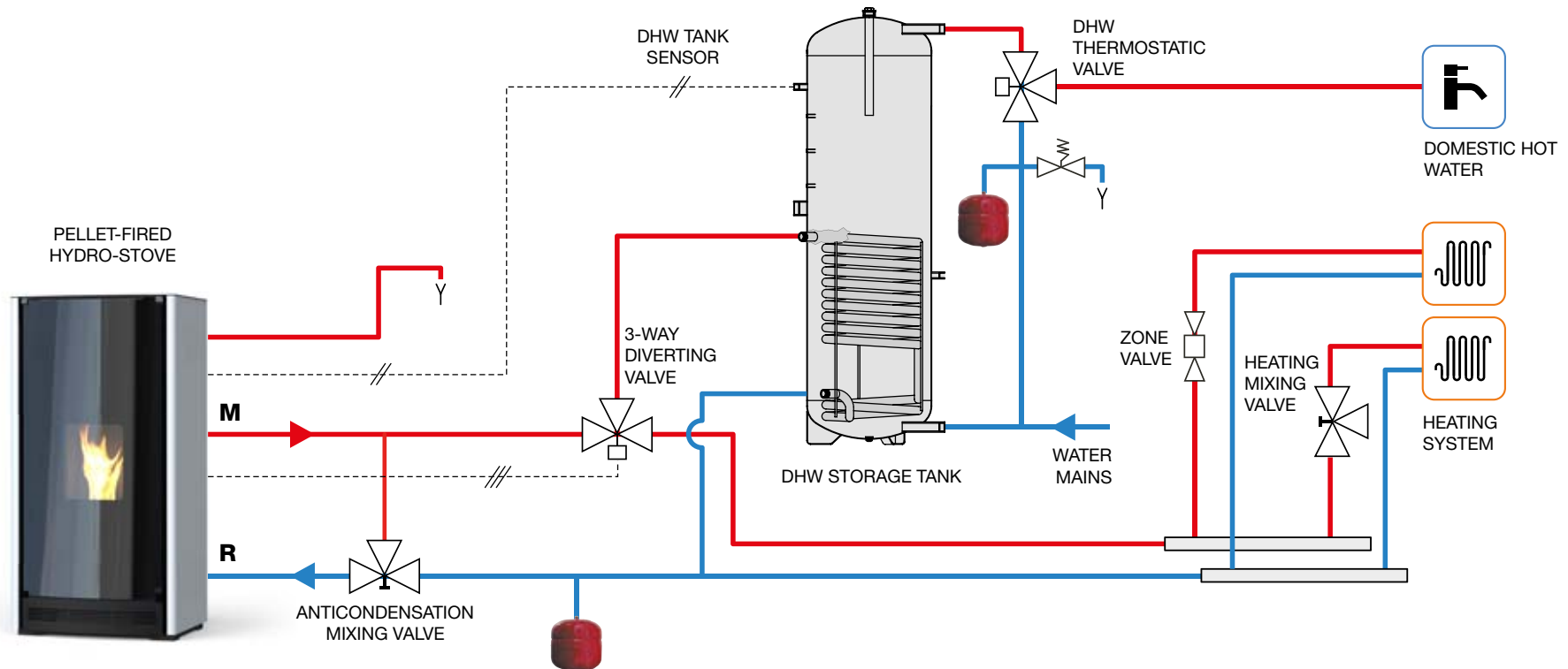


HYDRO-STOVES

Schuster hydro-stoves can be adapted to existing systems, also **in combination with other renewable energy sources**, to heat the house and produce domestic hot water. The hydro-stove controls and optimizes the consumption according to the needs.



**SYSTEM DIAGRAM OF PELLETT-FIRED HYDRO-STOVE
WITH ROOM TEMPERATURE SENSOR AND D.H.W. TANK**



These schemes are purely indicative. The thermo-hydraulic system must be built according to the regulations in force and equipped with all the control / safety accessories.



IDRA 15

VENTILATED PELLET HYDRO-STOVE



ECO
DESIGN
2022



IDRA		15
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	59,5x56,2x117,1
WEIGHT	kg	170
NOMINAL INPUT (min.-max.)	kW	5,8 - 15,5
NOMINAL OUTPUT (min.-max.)	kW	5,5 - 14,48
OUTPUT TO THE WATER (min.-max.)	kW	4,21 - 12,44
OUTPUT TO THE ROOM (min.-max.)	kW	1,34 - 2,01
EXCHANGER WATER CONTENT	l	28
EXPANSION VESSEL CAPACITY	l	7
MAXIMUM WORKING PRESSURE	bar	1,5
MANOMETRIC HEAD OF THE PUMP	m	6
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	95,74 - 93,45
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR INTAKE DIAMETER	mm	rectangular 40x60
PELLET RESERVOIR CONTENT	kg	30
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,18 - 3,14
ELECTRIC ABSORPTION (nominal / at ignition stage)	W	90 - 377
HEATING VOLUME	m³	130 ÷ 360

Ventilated pellet hydro-stove with steel cladding, equipped with an exclusive pellet dosing system which, thanks to the star shape with a sharp profile of its distributor, allows the quantity of fuel to be delivered precisely. The automatic brazier cleaning system is innovative and effectively simplifies the operations.

PLUS PRODUCT



HYDRO
VENTILATED



CERAMIC
GLASS



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



REAR SMOKE
OUTLET



WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy





IDRA 20

VENTILATED PELLET HYDRO-STOVE



ECO
DESIGN
2022



IDRA		20
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	59,8x62,2x117
WEIGHT	kg	161
NOMINAL INPUT (min.-max.)	kW	5,8 - 20,28
NOMINAL OUTPUT (min.-max.)	kW	5,5 - 18,79
OUTPUT TO THE WATER (min.-max.)	kW	4,21 - 16,57
OUTPUT TO THE ROOM (min.-max.)	kW	1,34 - 2,22
EXCHANGER WATER CONTENT	l	28
EXPANSION VESSEL CAPACITY	l	7
MAXIMUM WORKING PRESSURE	bar	1,5
MANOMETRIC HEAD OF THE PUMP	m	6
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	95,74 - 92,69
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø	mm Ø	80
AIR INTAKE DIAMETER	mm	rectangular 40x60
PELLET RESERVOIR CONTENT	kg	30
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,18 - 4,11
ELECTRIC ABSORPTION (nominal / at ignition stage)	W	95,2 - 377
HEATING VOLUME	m³	130 ÷ 530

Ventilated pellet hydro-stove equipped with an exclusive pellet dosing system which, thanks to the star shape with a sharp profile of its distributor, allows the quantity of fuel to be delivered precisely. The automatic brazier cleaning system is innovative and effectively simplifies the operations. The cladding is in steel while the front is embellished by the refined curved glass door that conceals the fire box door.

IDRA 20

PLUS PRODUCT



HYDRO
VENTILATED



MAGIC
GLASS



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



REAR SMOKE
OUTLET



WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy





IDRA 5S

VENTILATED PELLET HYDRO-STOVE



ECO
DESIGN
2022



IDRA 5S

IDRA 5S		20	24
ENERGY CLASS			
DIMENSIONS (LxPxH)	cm	59x68x122	59x68x122
WEIGHT	kg	230	230
NOMINAL INPUT (min.-max.)	kW	6,8 - 20,1	8,4 - 24
NOMINAL OUTPUT (min.-max.)	kW	6,5 - 19,2	7,9 - 22,8
OUTPUT TO THE WATER (min.-max.)	kW	5,4 - 17,4	6,6 - 20,9
OUTPUT TO THE ROOM (min.-max.)	kW	1,1 - 1,8	1,3 - 1,9
EXCHANGER WATER CONTENT	l	50	50
EXPANSION VESSEL CAPACITY	l	8	8
MAXIMUM WORKING PRESSURE	bar	3	3
MANOMETRIC HEAD OF THE PUMP	m	6	6
WATER SIDE PRESSURE DROP (Δt 10 K) / (Δt 20 K)	mbar	123,5 / 30,9	186,8 / 46,7
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	95,9 - 95,6	94,2 - 94,9
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12	12
SMOKE OUTLET Ø / AIR INTAKE DIAMETER	mm Ø	80 / 50	80 / 50
PELLET RESERVOIR CONTENT	kg	38	38
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,41 - 4,19	1,7 - 5,0
ELECTRIC ABSORPTION (nominal / at ignition stage)	W	72 - 320	83 - 345
HEATING VOLUME	m ³	440	510
NOISINESS	dB	35 / 50	35 / 50

Ventilated pellet hydro-stove equipped with an exclusive high-performance combustion system. IDRA 5S is at the top of Environmental Certification and with its 5 stars it allows access to the highest forms of incentives. The presence of “magic glass” and its linear style also make it elegant and versatile.

PLUS PRODUCT



HYDRO
VENTILATED



MAGIC
GLASS



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



REAR SMOKE
OUTLET



WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy





IDRA 25-30

VENTILATED PELLET HYDRO-STOVE



ECO
DESIGN
2022



IDRA 25-30

IDRA		25	30
ENERGY CLASS		A+	A+
DIMENSIONS (LxPxH)	cm	60,4x61x122,1	60,4x61x122,1
WEIGHT	kg	225	225
NOMINAL INPUT (min.-max.)	kW	8,32 - 25,12	8,32 - 29,95
NOMINAL OUTPUT (min.-max.)	kW	8,04 - 23,4	8,04 - 27,8
OUTPUT TO THE WATER (min.-max.)	kW	6,73 - 20,61	6,73 - 24,64
OUTPUT TO THE ROOM (min.-max.)	kW	1,31 - 2,79	1,31 - 3,16
EXCHANGER WATER CONTENT	l	26,5	26,5
EXPANSION VESSEL CAPACITY	l	6	8
MAXIMUM WORKING PRESSURE	bar	1,5	1,5
MANOMETRIC HEAD OF THE PUMP	m	6	6
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	96,73 - 93,17	96,73 - 92,83
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12	12
SMOKE OUTLET Ø	mm Ø	100	100
AIR INTAKE DIAMETER	mm	rectangular 50x100	rectangular 50x100
PELLET RESERVOIR CONTENT	kg	28	28
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,71 - 5,18	1,71 - 6,17
ELECTRIC ABSORPTION	W	112	138
HEATING VOLUME	m³	230 ÷ 670	230 ÷ 796

Ventilated pellet hydro-stove with steel cladding, equipped with an exclusive pellet dosing system which, thanks to the star shape with a sharp profile of its distributor, allows the quantity of fuel to be delivered precisely. The automatic brazier cleaning system is innovative and effectively simplifies the operations.

PLUS PRODUCT



HYDRO
VENTILATED



MAGIC
GLASS



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



REAR SMOKE
OUTLET



WEEKLY
PROGRAMMING

OPTIONAL



WI-FI



Black



White



Burgundy



BOILERS

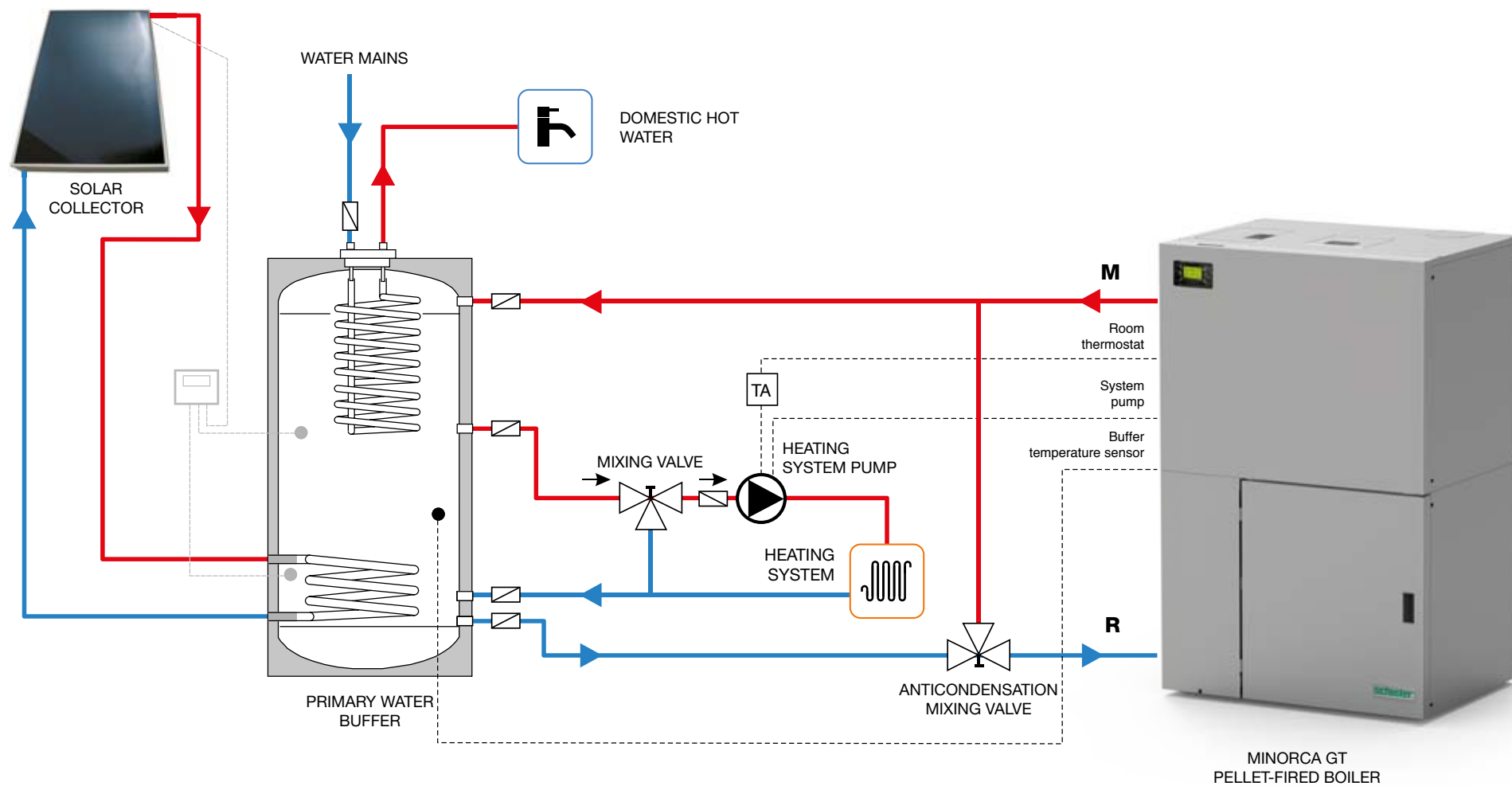
Schuster pellet-fired boilers can be **combined with other renewable energy sources** to heat the house. Solar panels, radiant floor systems, DHW storage tanks, heat pumps, control systems are easily connected to ensure maximum performance and optimized consumption according to the user's needs.

For specific needs it is available **even in the version only heating:** MINORCA GTR.



- 1 PELLET-FIRED BOILER
- 2 HEAT PUMP
- 3 PRIMARY WATER BUFFER
- 4 SOLAR COLLECTORS
- 5 SOLAR THERMAL GROUP
- 6 LT / HT PUMPING GROUP
- 7 FLOOR HEATING SYSTEM (LT)
- 8 RADIATOR HEATING SYSTEM (HT)
- 9 MOTORIZED PELLET STORAGE
- 10 DRAFT ADJUSTER
- 11 TOUCH SCREEN PANEL

SYSTEM DIAGRAM WITH PELLET-FIRED BOILER FOR HEATING AND DHW PRODUCTION WITH EXTERNAL BUFFER AND CONNECTION TO SOLAR PANELS



These schemes are purely indicative. The thermo-hydraulic system must be built according to the regulations in force and equipped with all the control / safety accessories.



FORMENTERA

PELLET FIRED BOILER



ECO
DESIGN
2020



FORMENTERA		15	20	24	28	32
ENERGY CLASS		A+	A+	A+	A+	A+
DIMENSIONS (LxPxH)	cm	56,2x70x108	63x78,7x125	63x78,7x125	69x76x136	69x76x136
WEIGHT	kg	150	240	240	305	305
NOMINAL INPUT (min.-max.)	kW	4,4 - 15,9	5,86 - 19	6,8 - 23	7 - 27,1	7 - 33,2
NOMINAL OUTPUT (min.-max.)	kW	4 - 14,5	5,21 - 17,51	6,3 - 21	6,3 - 25	6,34 - 31,2
OUTPUT TO THE WATER (min.-max.)	kW	4 - 14,5	5,21 - 17,51	6,3 - 21	6,3 - 25	6,34 - 31,2
EXCHANGER WATER CONTENT	l	31	50	50	60	60
EXPANSION VESSEL CAPACITY	l	7	8	8	8	8
MAXIMUM WORKING PRESSURE	bar	3	3	3	3	3
MANOMETRIC HEAD OF THE PUMP	m	6	6	6	6	6
WATER SIDE PRESSURE DROP (Δt 10 K) / (Δt 20 K)	mbar	181 / 45,2	123,5 / 30,9	123,5 / 30,9	285,9 / 71,5	466 / 117
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	90 - 91,1	88,82 - 92,13	92,1 - 91,1	90,65 - 92,2	90,65 - 94
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12	12	12	12	12
SMOKE OUTLET Ø / AIR INTAKE DIAMETER	mm Ø	80 / 50	80 / 50	80 / 50	100 / 60	100 / 60
PELLET RESERVOIR CONTENT	kg	46	60	60	81	81
AVERAGE CONSUMPTION (min.-max.)	kg/h	0,91 - 3,27	1,195 - 3,875	1,4 - 4,7	1,43 - 5,5	1,43 - 6,8
ELECTRIC ABSORPTION (nominal / at ignition stage)	W	74 - 330	67 - 330	76 - 330	85 - 330	95 - 330
HEATING VOLUME	m ³	450	470	540	630	770
NOISINESS	dB	35 / 50	35 / 50	35 / 50	35 / 50	35 / 50

Pellet boiler equipped with a rapid heat exchange system for primary water. The automatic brazier cleaning system is innovative and effectively simplifies the operations.

FORMENTERA

PLUS PRODUCT



BOILER FOR
HEATING ONLY



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



REAR SMOKE
OUTLET



WEEKLY
PROGRAMMING

OPTIONAL



WI-FI





MAIORCA GTA

PELLET FIRED BOILER • DHW PRODUCTION



ECO
DESIGN
2020



MAIORCA GTA

MAIORCA GTA		25
ENERGY CLASS		A+
DIMENSIONS (LxPxH)	cm	124x56x135
WEIGHT	kg	310
NOMINAL INPUT (min.-max.)	kW	6,5 - 24,3
NOMINAL OUTPUT (min.-max.)	kW	5,9 - 22,8
OUTPUT TO THE WATER (min.-max.)	kW	5,9 - 22,8
EXCHANGER WATER CONTENT	l	100
EXPANSION VESSEL CAPACITY	l	8
MAXIMUM WORKING PRESSURE	bar	3
MANOMETRIC HEAD OF THE PUMP	m	6
WATER SIDE PRESSURE DROP (Δt 10 K) / (Δt 20 K)	mbar	567 / 142
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	91 - 93,7
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12
SMOKE OUTLET Ø / AIR INTAKE DIAMETER	mm Ø	100 / 50
PELLET RESERVOIR CONTENT	kg	100
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,35 - 5,07
ELECTRIC ABSORPTION (nominal / at ignition stage)	W	88 - 350
HEATING VOLUME	m ³	650
NOISINESS	dB	35 / 50

Compact pellet boiler equipped with an exclusive high-performance combustion system. The large three-pass smoke heat exchanger favours high efficiency. The innovative automatic brazier cleaning system, and the presence of an ash compactor, ensure high performance for long days by reducing cleaning operations. With the 5 stars obtained in the Environmental Certification, the MAIORCA GTA boiler accesses the highest incentives.

PLUS PRODUCT



BOILER
FOR D.H.W.
PRODUCTION



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



UPPER SMOKE
OUTLET



WEEKLY
PROGRAMMING

OPTIONAL



WI-FI





MINORCA GT/GTR

PELLET FIRED BOILER • DHW PRODUCTION OR HEATING ONLY



ECO
DESIGN
2020



MINORCA

MINORCA GT/GTR		20	24	32
ENERGY CLASS		A++	A++	A++
DIMENSIONS (LxPxH)	cm	88x65,6x137,3	88x65,6x137,3	96x70,4x159,5
WEIGHT	kg	295	295	308
NOMINAL INPUT (min.-max.)	kW	6,24 - 20,46	6,24 - 24,09	8 - 33,44
OUTPUT TO THE WATER (min.-max.)	kW	5,50 - 18,91	5,50 - 22,35	7,09 - 30,80
EXCHANGER WATER CONTENT	l	83	83	120
EXPANSION VESSEL CAPACITY	l	12	12	12
MAXIMUM WORKING PRESSURE	bar	1,5	1,5	1,5
MANOMETRIC HEAD OF THE PUMP	m	6	6	6
EFFICIENCY AT NOMINAL OUTPUT (min.-max.)	%	92,42 - 88,18	92,74 - 88,18	92,12 - 88,62
MINIMUM DRAUGHT AT THE CHIMNEY BASE	Pa	12	12	12
SMOKE OUTLET Ø	mm Ø	100	100	100
AIR INTAKE DIAMETER	mm	rectangular 40x60	rectangular 40x60	rectangular 50x100
PELLET RESERVOIR CONTENT	kg	50	50	70
AVERAGE CONSUMPTION (min.-max.)	kg/h	1,29 - 4,22	1,29 - 4,97	1,66 - 6,93
ELECTRIC ABSORPTION	W	91	104	109
HEATING VOLUME	m³	178 - 586	178 - 690	224 - 1014

Compact pellet boiler with large water content and equipped with an exclusive fuel dosing system, allows to supply power on wide modulation levels. The automatic cleaning system of the rotating brazier is innovative, which effectively simplifies the operations.

PLUS PRODOTTO



BOILER "GT"
FOR D.H.W.
PRODUCTION



BOILER "GTR"
FOR HEATING
ONLY



AUTOMATIC
BRAZIER
CLEANING



POWER
MODULATION



UPPER SMOKE
OUTLET



DAILY / WEEKLY
PROGRAMMING

OPTIONAL



WI-FI





OHP 34

DUAL FUEL FIRED BOILER



ENERGY
LABELLING



EN 303-5
CLASSE 5

ECO
DESIGN
2020



OHP 34		WOOD fired		PELLET fired	
				Pn	Pmin
NOMINAL OUTPUT (*)	kW	31,22		31,08	9,48
NOMINAL INPUT	kW	34,64		34,06	10,3
ENERGY CLASS		A+		A+	
ENVIRONMENTAL CERTIFICATION		★★★★		★★★★	
EFFICIENCY AT NOMINAL OUTPUT	%	90,12		91,26	92
CO ₂	%	14,7		12,5	7,28
MAXIMUM WORKING PRESSURE	bar	3		3	3
MINIMUM DRAUGHT required at chimney base	Pa	17		11	11
CH FLOW TEMPERATURE (min.-max.)	°C	70 / 85		70 / 85	70 / 85
CH RETURN TEMPERATURE (min.)	°C	55		55	55
AUTONOMY	h	4		32	104
PELLET CONSUMPTION at Pn & Pmin	kg/h	-		7,19	2,17
WOOD STORAGE VOLUME	l	100		-	-
WOOD LOGS LENGTH	cm	50		-	-
SMOKE TEMPERATURE at Pn & Pmin	°C	161		131	75
SUGGESTED VOLUME OF THERM ACCUM.	l	>1200÷2000		>1200÷2000	
DIMENSIONS (LxPxA)	mm	660x1285x1610		660x1285x1610	
BOILER WEIGHT (DRY)	kg	557		557	

(*) Output obtained with wood logs /pellet according to ISO 17225-2, class A1-A2

High performance dual fuel (wood / pellet) boiler thanks to the reverse flame technology and the aspirated pellet burner. The wood storage is in special carbon steel with a thickness of 8 mm.

OHP 34

PLUS PRODUCT



DUAL FUEL
WOOD LOGS-PELLET
FIRED BOILER



INVERSED
FLAME



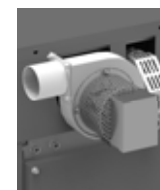
POWER
MODULATION



SOLAR CIRCUIT
MANAGEMENT



ADJUSTABLE
SMOKE OUTLET





OH S 34

WOOD LOGS-FIRED BOILER • INVERSED FLAME



**ECO
DESIGN**
2020



OH S		34
NOMINAL OUTPUT (*)	kW	31,22
NOMINAL INPUT	kW	34,64
ENERGY CLASS		A+
ENVIRONMENTAL CERTIFICATION		★★★★
EFFICIENCY AT NOMINAL OUTPUT	%	90,12
CO ₂	%	14,7
MAXIMUM WORKING PRESSURE	bar	3
MINIMUM DRAUGHT required at chimney base	Pa	17
CH FLOW TEMPERATURE (min.-max.)	°C	70 / 85
CH RETURN TEMPERATURE (min.)	°C	55
AUTONOMY	h	4
WOOD STORAGE VOLUME	l	100
WOOD LOGS LENGTH	cm	50
SMOKE TEMPERATURE at Pn & Pmin	°C	161
SUGGESTED VOLUME OF THERM ACCUM.	l	>1200÷2000
DIMENSIONS (LxPxA)	mm	660x1285x1610
BOILER WEIGHT (DRY)	kg	557

(*) Output obtained with wood logs /pellet according to ISO 17225-2, class A1-A2

High performance wood fired boiler thanks to reverse flame technology, equipped with gasification adjustment through an optimized control. The large wood store ensures long autonomy with a single charge.

OH S 34

PLUS PRODUCT



WOOD LOGS-FIRED
BOILER



INVERSED
FLAME



POWER
MODULATION



SOLAR CIRCUIT
MANAGEMENT



ADJUSTABLE
SMOKE OUTLET





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