SENKO

R A US For perfectly warm home!

PRODUCT CATALOG

cookers - stoves - fireplaces - electric boiler

2023/2024

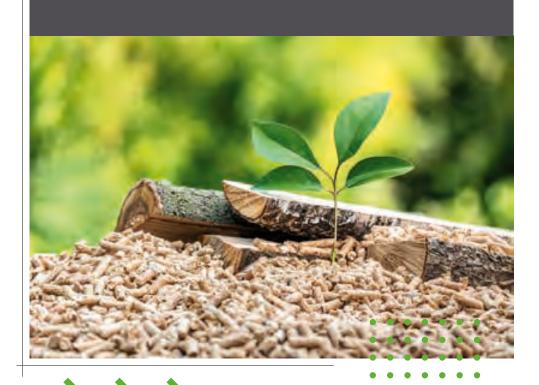
SENKC

Senko d.o.o. is a family business, founded in 1978, which has been working on the development, production and improvement of stoves, ovens and fireplaces on wood biomass for over thirty-five years. Years of continuous growth, constant investment in new technologies and complete commitment to the development of our own innovative products have resulted in the fact that today we are a modernly equipped factory that, on 4000 m² of production space, with professional and experienced employees, develops new models of stoves in accordance with EN standards.

We can guarantee our customers top product quality because within SENKO production we have a complete complete process: from our own product development department, preparation of parts by laser cutting and punching, CNC robotic welding of boilers and line assembly to a modernly equipped laboratory for quality control and product testing.

All SENKO products are manufactured in accordance with EN standards and bear the CE mark and Declaration of Properties. With our name, we guarantee the quality of our stoves, ovens, fireplaces, and in recent years also electric boilers!





Biomass heating systems (wood and pellets) are a proven and most efficient way for heating your home. It is environmentally friendly and no threat for your health. Firing with wood will give the perfect warmth, comfort and positive atmosphere to your whole environment and to your home.

WHY HEATING WITH WOOD BIOMASS?

- ENVIRONMENTALLY FRIENDLY = 100 % REUSABLE =
- SAFE AND SIMPLE USAGE EASY INSTALLATION -
- SIMPLE STORAGE; HARMLESS FOR HOUSEHOLD AND ENVIRONMENT

A well-planned restoration of forest areas is a sustainable source of thermal energy which, when burned, does not increase CO_2 emissions in the atmosphere, given that the same amount of CO_2 is needed for the regrowth of an equal amount of wood biomass.

ADVANTAGES OF SENKO COOKERS



An external combustion air supply is mounted at the rear side of the cooker.



All models are equipped with glass firedoor to enable control of fuel combustion.



SENKO cookers are coated with firebrick, which has a positive affect on the combustion quality.



Chimney / Flue connection is height adjustable to facilitate easier installation.



Intake of secondary air into the firebox provide an additional fuel efficiency and combustion of harmful gases - SENKO GREEN LABEL.



Cooking plates are 8 mm thick and ensure long operational life of the cooker.



To change the grate's summer - winter position during firing, models for central heating offer thread driven firebox grate.



POSSIBILITY! Glass-ceramic cooking plate (CERAN).













C-30

COOKERS WITHOUT OVEN





A L/D

Nominal heat output

Dimensions (W x D x H)

Flue gases exhaust

A L/D

20 - 35 kW

60×78×85/92 cm

Ø 150 mm





MAT

C-35 **CENTRAL HEATING** COOKERS WITH OVEN BASIC COLORS INOX PC-2 PC-3 MAT

» COMBINATION with existing heating system

Nominal heat output Dimensions (W x D x H) Flue gases exhaust

Α

22,6 - 35 kW 100×78×85/92 cm Ø 150 mm

L/D

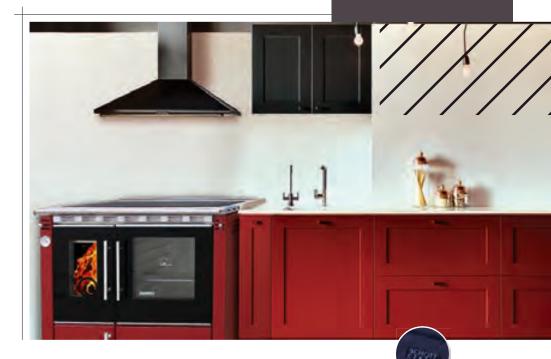




C-25
PREMIUM

CENTRAL HEATING COOKERS WITH OVEN » COMBINATION with existing heating system

A	L/D
Nominal heat output	16,2 - 25 kW
Dimensions (W x D x H)	100×64×85/92 cm
Flue gases exhaust	Ø 130 mm





» COMBINATION with existing heating system

Α	L/D
Nominal heat output	22,6 - 35 kW
Dimensions (W x D x H)	100×78×85/92 cm
Flue gases exhaust	Ø 150 mm

» POSSIBILITY Glass-ceramic cooking plate (CERAN).

COLORS



C-35
PREMIUM

CENTRAL HEATING COOKERS WITH OVEN



- SENKO PREMIUM -

BLACK EDITION

Attractive. Powerful. Versatile.

Limited edition of cookers for those who appreciate the top design and equip modern interiors.







SOLID FUEL COOKERS

•

•



Ø 120 mm

Flue gases exhaust

INOX MAT





A L/D

Nominal heat output | 6,5 km

Dimensions (W x D x H)
Flue gases exhaust

6,5 kW 60×65×85/92 cm Ø 120 mm * SG-60

PC-3

SOLID FUEL COOKERS

PC-2

INOX

22.





SG-75

SOLID FUEL COOKERS BASIC COLORS

INOX PC-2 PC-3 PC-7

A L/D

Nominal heat output 7 kW

Dimensions (W x D x H) 75×65×85/92 cm

Flue gases exhaust Ø 120 mm

BASIC COLORS

INOX PC-2 PC-3 PC-7

MAT

A L/D

Nominal heat output 7 kW

Dimensions (W x D x H) 90×65×85/92 cm

Flue gases exhaust Ø 120 mm

SG-90:

• 25

SOLID FUEL COOKERS



C-25
CENTRAL HEATING

Α

Nominal heat output Dimensions (W x D x H) Flue gases exhaust 13 - 25 kW 65×75×115 cm Ø 200 mm



Α

Nominal heat output Dimensions (W x D x H) Flue gases exhaust 20 - 35 kW 85×87×125 cm Ø 200 mm

C-35 .

CENTRAL HEATING .

FIREPLACES





» COMBINATION with existing heating system





C-25 MODERN CENTRAL HEATING

FIREPLACES

A

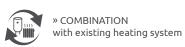
Nominal heat output Dimensions (W x D x H) Flue gases exhaust 13 - 25 kW 65×75×115 cm Ø 200 mm

A

Nominal heat output Dimensions (W x D x H) Flue gases exhaust 20 - 35 kW 85×87×125 cm Ø 200 mm













SENKO PELLET STOVES

SENKO pellet stoves are used for heating residential spaces and/or as central heating and at the same time they can be a decorative element in every ambience.

Fan blows warm air from the stove to the room through special grids on the front side of the stove. The second fan is leading the primary air to the firebox and at the same time flue gases are lead from the firebox to the chimney. SENKO pellet stoves are distinguished by their high efficiency (91-96%) as well as a very low environmental pollution level. They are designed and produced down to the last detail in order to satisfy, in the best way possible, all consumers' needs regarding functionality and safety.

SENKO PELLET STOVES FOR CENTRAL HEATING HAVE MOST EQUIPMENT ON THE MARKET:

- » high-efficiency circulation pump
- » closed expansion vessel
- » safety valve 2.5 bar
- » valve for filling-emptying the bolier
- » automatic air vent





- Dosing of pellets to the firebox is automated and programmed with an electronic switch by means of a screw feeder.
- Control panel secures a simple handling and adjusting of all required parameters - menu on 14 languages (HR-SI-RS-RO-IT-EN-FR-ES-DE-PT-NL-GR-TR-HU).
- Regulation by remote control switching on / switching off, adjusting the fan speed, heating power.
- Possibility to programme daily / weekly work schedule of the stove (6 available programs).
- Possibility to regulate space heating temperature by means of a room thermostat.
- Possibility of connecting outside air required for combustion (avoiding oxygen consumption in the room for dwelling).
- Safety devices which are automatically stopping the dosing of pellets to the firebox and reporting the alarm signal on the control panel.
- Possibility of monitoring the pellets consumption in kg/h.
- Possibility of regulation by smartphone wifi module (OPTION).
- Touch screen display ONLY at P 8 AIR SLIM and P 10
 WATER+AIR SLIM stoves.

P 10 AIR MODERN

PELLET STOVES FOR RESIDENTIAL SPACE HEATING

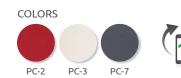
*

¥





AIR
0 kW
2×58×107 cm
80 mm





+A AIR

Nominal heat output
Dimensions (W x D x H)
Flue gases exhaust

AIR

8 kW
91×31×113 cm
Ø 80 mm

SPECIAL OFFER new design of glass plates GLASS DESIGN

• 35

P 20 WATER + AIR MODERN

PELLET STOVES
FOR CENTRAL HEATING



P 12

WATER + AIR

MODERN

PELLET STOVES
FOR CENTRAL HEATING



++A

WATER + AIR

Nominal heat output Dimensions (W x D x H) Flue gases exhaust 19 kW 66×70×126 cm Ø 80 mm



» COMBINATION with existing heating system

COLORS





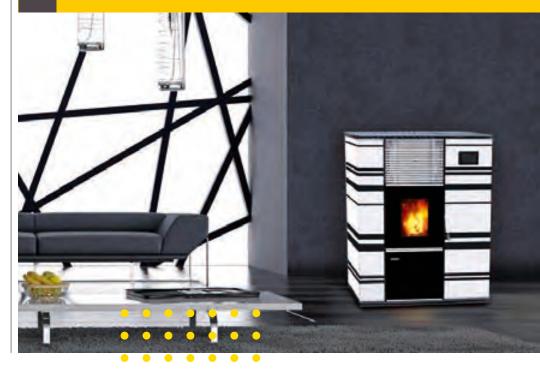
++A

WATER + AIR

Nominal heat output Dimensions (W x D x H) Flue gases exhaust 13 kW 60×70×114 cm Ø 80 mm P 10

WATER + AIR SLIM MODERN

PELLET STOVES
FOR CENTRAL HEATING



COLORS





++A

Nominal heat output Dimensions (W x D x H) Flue gases exhaust 12 kW 91×31×115 cm Ø 80 mm

WATER + AIR



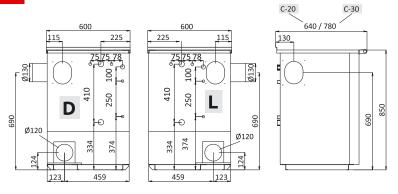
» COMBINATION with existing heating system



SPECIAL OFFER new design of glass plates

GLASS DESIGN

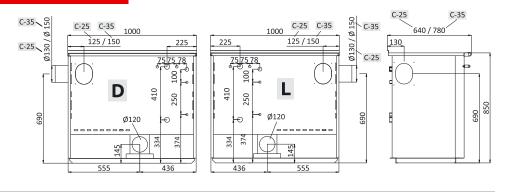
C-20 / C-30

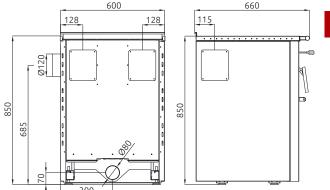


500 660

SG-50

C-25 / C-35

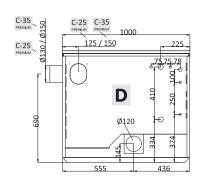


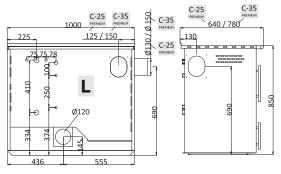


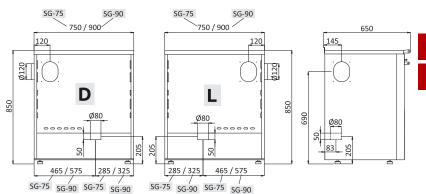
SG-60

C-25 PREMIUM

C-35 PREMIUM







SG-75

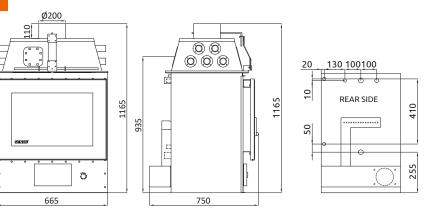
SG-90

> CENTRAL HEATING FIREPLACES

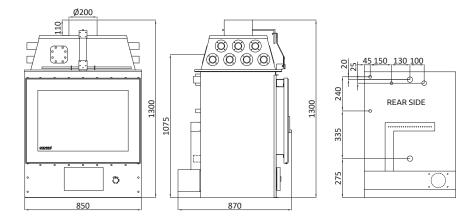
> PELLET STOVES

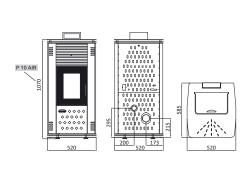


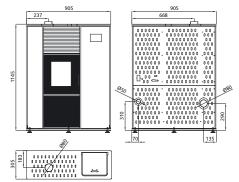
C-25



C-35

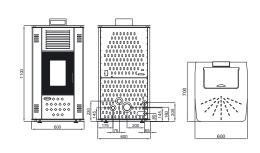


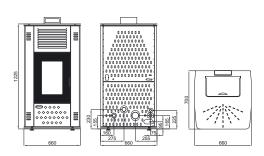




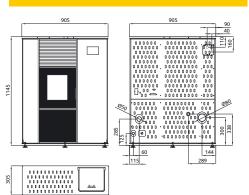
P 10 AIR MODERN

P 8 AIR SLIM MODERN





P 12 MODERN WATER + AIR

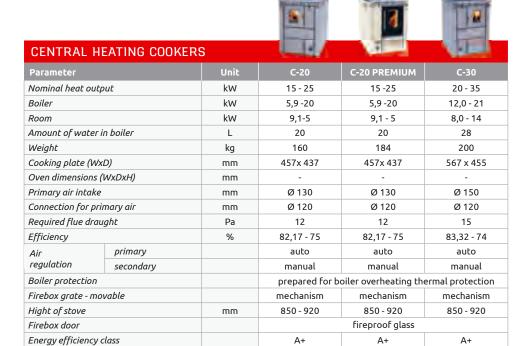


P 20 MODERN WATER + AIR

P 10 SLIM MODERN WATER + AIR



COOKERS → →



					100
SOLID FUEL COOKERS					
Parameter		Unit	SG-50	SG-60	SG-60 PREMIUM
Nominal heat outp	out	kW	6	6,5	6,5
Room		kW	6	6,5	6,5
Weight		kg	133	151	158
Cooking plate (Wx	D)	mm	390 x 440	460 x 438	460 x 438
Oven dimensions (Oven dimensions (WxDxH)		260 x 450 x 200	360 x 450 x 260	360 x 450 x 260
Primary air intake		mm	Ø 120	Ø 120	Ø 120
Connection for pri	mary air	mm	Ø 80	Ø 80	Ø 80
Required flue drau	ght	Pa	13	13	13
Efficiency		%	79,3	81,7	81,7
Air	primary		manual	manual	manual
regulation	secondary		manual	manual	manual
Firebox grate - movable			-	-	-
Hight of stove		mm	850 - 920	850 - 920	850 - 920
Firebox door			fireproof glass		
Energy efficiency class			А	A+	A+



SG-75	SG-90
7	7
7	7
151	170
640 x 480	787 x 480
330 x 440 x 270	400 x 440 x 230
Ø 120	Ø 120
Ø 80	Ø 80
12	12
81,5	82,3
manual	manual
manual	manual
movable	movable
850 - 920	850 - 920
fiгерго	of glass
A+	A+





SENKO

FIREPLACES > > >







CENTRAL HEATING FIREPLACES

Parameter		Unit	C-25	C-35	
Nominal heat o	utput	kW	13 - 25	20 - 35	
Boiler		kW	8,0 - 20,0	12,0 - 31,0	
Room		kW	5,0 - 5,0	8,0 - 4,0	
Amount of wate	er in boiler	L	32	55	
Weight		kg	171	257	
Primary air inta	Primary air intake		Ø 200	Ø 200	
Connection for primary air		mm	Ø 120 Ø 150		
Required flue di	aught	Pa	12	16	
Efficiency		%	78,6	71,5	
Air	primary		auto	auto	
regulation	secondary		auto	auto	
Boiler protectio	n		prepared for boiler overheating thermal protection		
Firebox grate			movable		
Firebox door			fireproof glass		
Energy efficiend	y class		А	Α	







MODERN CENTRAL HEATING FIREPLACES

Parameter		Unit	C-25 MODERN	C-35 MODERN	
Nominal heat o	ominal heat output		13 - 25	20 - 35	
Boiler		kW	8,0 - 20,0	12,0 - 31,0	
Room		kW	5,0 - 5,0	8,0 - 4,0	
Amount of wate	er in boiler	L	32	55	
Weight		kg	160	264	
Primary air inta	Primary air intake		Ø 200 Ø 200		
Connection for primary air		mm	Ø 120 Ø 150		
Required flue di	Required flue draught		12 16		
Efficiency		%	78,6	71,5	
Air	primary		auto	auto	
regulation	secondary		auto	auto	
Boiler protectio	n		prepared for boiler overheating thermal protection		
Firebox grate			movable		
Firebox door			fireproof glass		
Energy efficiend	cy class		А	Α	

PELLET STOVES

MODERN PELLET STOVES FOR CENTRAL HEATING







Parameter		Unit	P 12 MODERN WATER + AIR	P 20 MODERN WATER + AIR	P 10 SLIM MODERN WATER + AIR
Nominal heat outp	out	kW	13	35	12
Boiler		kW	11,5	16,7	10,3
Room		kW	1,5	2,6	1,6
Amount of water i	n boiler	L	30,5	35	/
Weight		kg	213	257	165
Fuel consumption	at nominal power*	kg/h*	2,8	4,2	2,7
Tank capacity		kg	34	54	15
Primary air intake		mm	Ø 50	Ø 50	Ø 50
Required flue drau	ight	Pa	12	12	12
Efficiency at nomi	nal power	%	94,95	94,93	90,72
Supply voltage and	d frequency	V / Hz	230 / 50	230 / 50	230 / 50
Air	primary		auto	auto	auto
regulation	secondary		auto	auto	auto
Manufactured acc	ording to standard		EN 14785	EN 14785	EN 14785
Energy efficiency of	class		A++	A++	A+

MODERN PELLET STOVES FOR RESIDENTIAL SPACE HEATING





Parameter		Unit	P 10 AIR MODERN	P 8 AIR SLIM MODERN
Nominal heat outp	ut	kW	10	8
Boiler		kW	/	/
Room		kW	10,2	8,1
Weight		kg	132	132
Fuel consumption of	at nominal power*	kg/h*	2,3	1,9
Tank capacity		kg	25	16
Primary air intake		mm	Ø 50	Ø 50
Required flue drau	ght	Pa	12	12
Efficiency at nomin	al power	%	90,85	85,71
Supply voltage and	frequency	V / Hz	230 / 50	230 / 50
Air	primary		auto	auto
regulation secondary			auto	auto
Manufactured according to standard			EN 14785	EN 14785
Energy efficiency c	lass		A+	A+

Fulfilled the requirements of the following standards:

15a B-VG (Austria) • I.BlmSchV Stufe 2 (Germany) • VKF AEAI (Switzerland) • DIN plus (Germany)

NOTES: technical data refer to the use of wood pellets of ENplus-A1 quality, lower calorific value 4.9 kWh/kg.

* variable data, may differ depending on the pellets used

44 • • 45





BOILER

FOR ELECTRIC CENTRAL **HEATING**

Automated, elegant and environmentally friendly heating.

Heat output Dimensions Mains voltage

6 - 30 kW 400×721×283 cm 230/400 V 50 Hz

COLORS







COMBI BOILER

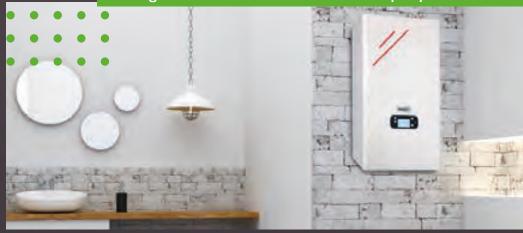
 FOR ELECTRIC CENTRAL FOR DOMESTIC HOT WATER HEATING

Heat output Dimensions Mains voltage

COMBI

6 - 30 kW 400×771×283 cm 230/400 V 50 Hz

Specification of SENel electric boiler for central heating with or without hot water preparation



- > Small device size of all models from 6 to 30 KW.
- Modern design in two colors (white and anthracite + GLASS DESIGN by orders).
- > Quality and reliable components of the well known European brands.
- Simple power reduction.
- > Easy and fast installation.
- > Selective and modulation ignition relay / heater.
- > Fully automatic power control.
- ▶ Water overheating protection, too high and too low pressure.
- Complete hydro equipment WILO electronic pump, safety valve, breather valve, pressure thermometer, expansion vessel.

- ANTIFROST function
 - frost protection system
 - switching on the device at temp. water below 5°C.
- ANTIBLOCKING function
 - pump blockage protection
 - pump activation 1 min every 23 h.
- TIMER function
- simple and automatic adjustment at a given time.
- Room control function thermostat.
- Based management function temperature in the water tank.
- WIFI management
- application with possible settings of temperature and timer.
- **MODE SUMMER WINTER** - energy saving.
- > Available models 6, 9, 12, 15, 18, 21, 22.5, 24, 28 and 30 KW -SENel for central heating and SENel COMBI for central heating and hot water preparation.





BOILER for electric central heating

Parameter	Unit	6	9	12	15
Heat output	kW	6	9	12	15
Mains voltage	Vac		230 V 50 Hz		
Electric heaters	pcs x kW	2x3	1x3-1x6	2x6	2x7,5
Max operating temperature	°C	90	90	90	90
Max operating overpressure	bar	3	3	3	3
Flow line connection	col	G3/4	G3/4	G3/4	G3/4
Outlet line connection	col	G3/4	G3/4	G3/4	G3/4
Boiler water content	l	7	7	7	7
Expansion vessel volume	l	6	6	6	6
Dimensions	mm	400x721x283	400x721x283	400x721x283	400x721x283
Device weight (without water)	kg	31	31	31	31
Energy class	D	D	D	D	D

18	21	22,5	24	28	30
18	21	22,5	24	28	30
		400 V 50 Hz			
3x6	3x7	3x7,5	4x6	4x7	4x7,5
90	90	90	90	90	90
3	3	3	3	3	3
G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
7	7	7	7	7	7
6	6	6	6	6	6
400x721x283	400x721x283	400x721x283	400x721x283	400x721x283	400x721x283
32	32	32	34	34	34
D	D	D	D	D	D

COMBI BOILER for electric central heating and for domestic hot water heating

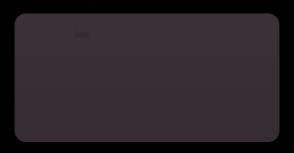
Parameter	Unit	6	9	12	15
Heat output	kW	6	9	12	15
Mains voltage	Vac		230 V 50 Hz		
Conductor cross section	mm²	5x4	5x4	5x4	5x4
Electric heaters	pcs x kW	2x3	1x3-1x6	2x6	2x7,5
Max operating temperature	°C	90	90	90	90
Max operating overpressure	bar	3	3	3	3
Flow line connection	col	G3/4	G3/4	G3/4	G3/4
Outlet line connection	col	G3/4	G3/4	G3/4	G3/4
Boiler water content	l	7	7	7	7
Expansion vessel volume	l	6	6	6	6
Dimensions	mm	400x771x283	400x771x283	400x771x283	400x771x283
Device weight (without water)	kg	35	35	35	35
Energy class	А	А	А	А	Α

18	21	22,5	24	28	30
18	21	22,5	24	28	30
400 V 50 Hz					
5x4	5x6	5x6	5x6	5x10	5x10
3x6	3x7	3x7,5	4x6	4x7	4x7,5
90	90	90	90	90	90
3	3	3	3	3	3
G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
7	7	7	7	7	7
6	6	6	6	6	6
400x771x283	400x771x283	400x771x283	400x771x283	400x771x283	400x771x283
36	36	36	37	37	37
А	А	А	А	А	А



SENKO





There may be possible differences in colors hues of displayed products. Hues may differ from those in reality. All relevant technical data have been obtained in the laboratory (ideal) conditions. Variations are possible. We reserve the right to change the technical details and colors of the products listed in this catalog, without prior notice.