

Plamen

- (HR)** Tehnička uputa za štednjak na kruta goriva
- (D)** Technische Anleitung für Feststofföfen
- (GB)** Tehnical instruction for solid fuel burning cookstove
- (CZ)** Technický návod k sporáku na tuhá paliva
- (SLO)** Tehnično navodilo za štedilnik na trda goriva
- (SRB)** Техничко упутство за штедњак на чврста горива
- (PL)** Instrukcja techniczna kuchenki na paliwa stałe
- (BG)** Технически инструкции за готварска печка на твърдо гориво
- (SK)** Technicky navod na sporak na pevne palivo

Plamen 850 Glas



16.01.2020.

GB DECLARATION OF COMFORMITY

We hereby declare that this product meets all relevant criteria of the standard

EN 12815:2001/A2:2004/AC:2007-08, and has **CE** marking affixed to it in accordance with the Council Directive EU 305/2011.

Požega, 02.02.2018

 **Plamen** d.o.o.

HR-34000 Požega, Njemačka 36



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Uređaj je predviđen za nekontinuirano loženje. Intermittent burning appliances.

EN 12815:2001/A2:2004/AC:2007-08

Štednjak na kruta goriva

Residential cookers fired by solid fuel

Tip/Typ: **Plamen 850 Glas**

Minimalna udaljenost od zapaljivih materijala:

Minimum distance to adjacent combustible materials: [mm]

Ispred/front: **800** Bočno/side: **400** Straga/back: **250** Iznad/top: **800**

Koncentracija CO svedenih na 13%O₂:

Emission of CO in combustion products calc. to 13%O₂: **0,09 [%]**

Temperatura dimnih plinova: *Flue gas temperature:* **194 [°C]**

Nazivna snaga: *Nominal output:* **8 [kW]**

Stupanj iskorištenja (gorivo): *Energy efficiency (fuel):* **83,7 [%]**

Drvo *Wood*

Tvornički broj: *Serial No:*

Proučite uputstvo za uporabu.

Koristite preporučena goriva.

Read and follow the operating instructions.

Use only recommended fuels.

Gore spomenute vrijednosti vrijede samo u ispitnim uvjetima.

The above mentioned values are valid only in proof conditions.

Zemlja podrijetla: R. Hrvatska

Made in Croatia

Godina proizvodnje/year of production:

Broj Izjave o svojstvima/Number of the DoP: 0058-CPR-2019/12/19

Broj laboratorija za testiranje/Number of the notified test laboratory: NB 1015

Uređaj ne može biti korišten sa zajedničkim dimnjakom.

Do not use the appliance in a shared flue.

 **Plamen**

HR-34000 Požega, Njemačka 36

tel.: +385 (0)34 254 600, 254 602, fax: +385 (0)34 254 710

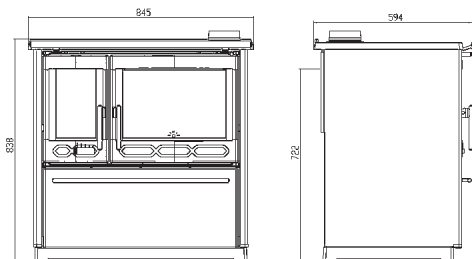
www.plamen.hr

Plamen 850 Glas residential cookers fired by solid fuel are only a small part of our assortment of Plamen cookers which can completely satisfy your needs. In order to achieve the best performance of the cookers, please READ THESE INSTRUCTIONS CAREFULLY.

The appearance of the cooker is shown on the cover page. The basic parts are made of enamelled and galvanized steel sheet and of high quality cast iron. The cookers with a right and left side flue connection are both available. This should be specified when ordering the entire appliance or spare parts thereof. A right side flue connection cooker is the one which has the connection on the right viewed from the front side of the cooker and vice versa in terms of left side flue connection cookers.

Technical Data

Measurements: W x H x L	84,5x83,8x59,4 cm
Weight:	121 kg
Nominal output:	8 kW
Flue connection (top and rear):	Ø 120 mm
Required negative pressure in the chimney:	10-20 Pa
Flue gas flow at the above nominal output:	7,7 gr/sek
Recommended fuel loads regarding the above nominal output:	
-wood and wood briquettes	2 - 3 kg/h
Optimum log size:	
-perimeter	20-30 cm
-length	25-35 cm



Installation Instructions

When installing the cooker, make sure that relevant local, national and European regulations are fully observed.

After having unpacked the cooker, inspect it carefully for possible damages in transport. Any such damages should be immediately reported, because late claims will not be taken into consideration.

In the log drawer, you will find a handrail and accessories, which should be fixed to the top frame as shown in Figure 1.

Install the flue collar in its position making sure that the connection between the cookstove and chimney is firm and tight. The cooker is connected to the chimney with a standard flue pipe dia. 120 mm.

The flue pipes should have adequate rise at all places. Do not connect the cooker to a chimney to which another appliance has already been connected. Make sure that the chimney is free from any cracks and damages.

The cooker should be installed in a room with sufficient fresh air to support the combustion. If an exhaustor (hood) or similar air-consuming unit is installed in the same room, regular inflow of fresh air should be provided through a separate opening, protected with a non-clogging grid.

Make sure that the cooker is installed in a place allowing easy access for flue and chimney cleaning operations.

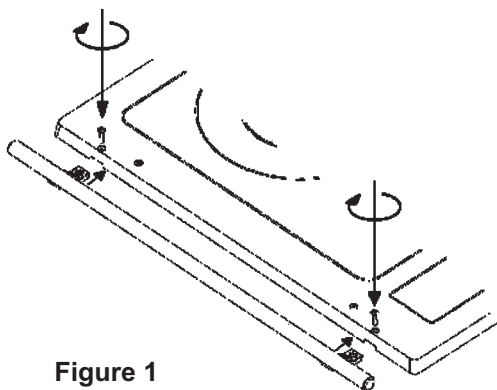
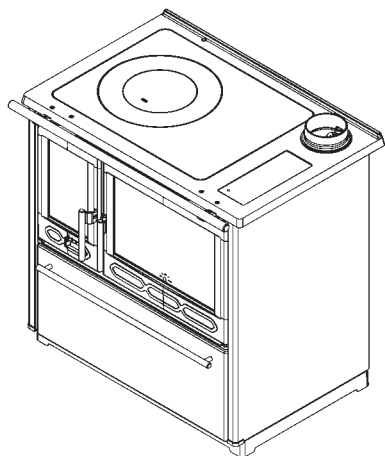


Figure 1

Make sure that there are no combustibles in the immediate vicinity of the cooker. The cooker may be installed only in a room where there is no risk of fire or explosion. In case of presence of potential risk, the cooker must be unplugged.

Minimum clearances between the cooker and combustibles, such as wood, chipboard, corkboard etc. should be strictly observed. Please refer to the data from the Technical Data.

In case of highly inflammable materials, such as PVC, polyurethane, pressed wood fibreboards etc., or materials of unknown inflammability, these clearances should be doubled.

If the cooker is to be installed in a room with combustible or heat sensitive flooring, it shall be placed on a solid, non-combustible floor protector. The floor protector must be dimensioned to extend at least 800 mm to the front of the cooker and 400 mm to other directions.

Operating Instructions

Before the first firing, wipe all enamelled surfaces and cooking plate first with a wet and then with a dry cloth. Check the air supply control and flue damper for proper operation.

The cooker parts are painted with a heat resistant paint. With the first firing, this paint gradually sets and some fumes of a characteristic odour may be given off in the process. Therefore ventilate the room during this phase.

Warning! The paint might be damaged if the first firing is not at moderate heat.

Therefore, with first firing of the stove (at least 10 hours), burn moderate fire (charging should not be more than half the recommended amount of fuel for the rated power).

WARNING! Do not use alcohol and petrol or for ignition or re-ignition.

The cooker performance and combustion depend on the fuel quality, adequate chimney design and maintenance, proper flame adjustment, cleanliness of the cooker and correct firing and reloading. The cooker is designed to burn wood and wood briquettes. Use only well-seasoned, dry wood with low moisture content to reduce the likelihood of greasy soot (creosote) built-up on the chimney walls, which may cause clogging of the chimney. Do not burn the household waste, especially not any plastic material. Many waste materials contain substances that are harmful to the cooker, the chimney and the environment.

For best performance, i.e. to achieve the above nominal output, add two logs or briquettes every half hour and set the air control to the position that suits best the desired flame level. Empty the ash pan regularly. Start the fire with a small amount of crumpled newspaper and well-seasoned dry kindling.

Set the air control to fully open position and pull out the damper rod. At outdoor temperatures above 15°C there might be some problems with the firing due to insufficient negative pressure within the chimney (poor draught). In that case, try to achieve the sufficient negative pressure by firing the chimney directly. Never use spirit, petrol or similar fuel to start the fire. Do not keep inflammable liquids near the cooker.

Keep the firebox door always firmly shut, except when reloading the cooker. The cooker should be regularly cleaned and inspected by a chimney sweeper or some other qualified person. The chimney, the flue channels and pipes shall be cleaned at least 6 times a year. Clean the cooker with maximum caution and only when completely cooled down. Remove and clean the top plate and flue pipe. Brush off the soot built up on the internal walls and pull the oven bottom plate out to discharge soot and ash. Clean and inspect the cooker every time after a prolonged suspension of operation.

To control the flame, add fuel as necessary and control the air supply by means of the air control. Minimum output (low flame) is achieved by setting the air supply to minimum. In case of overload (flame too high), set the air control to minimum and wait for the flame to abate gradually.

When using the oven, particularly for bread and other leavened dough baking, proceed, in order to avoid **burning on top**, as follows:

- Flue damper rod shall be pushed inwards
- Pre-heat the oven to 170-190 °C
- Add only one smaller log at a time to keep the fire at a moderate level for even baking on all sides. It is recommendable to turn the baking pan once during the baking.
- Fast boiling and better cook plate heating is achieved with the flue damper in open position, i.e. with the knob being pulled out.

Always bear in mind that the cooker parts, and particularly the top plate, INOX knobs, firebox door, handrail and damper rod, are hot and that only adults may operate the cooker. **FOR THAT PURPOSE USE A PROTECTIVE GLOVE!**

The cooker must not be subject to any unauthorised repairs and/or modifications. Such operations may be performed only by qualified persons and only original spare parts should be used.

During normal operation, particularly if the cooker is fired with wet wood, soot and tar build up, posing a risk of fire in the chimney if it is not regularly inspected and cleaned. If the chimney catches fire, proceed as follows:

- Do not use water to extinguish the fire
- Close all air inlets to the cooker and chimney
- After the fire has gone out, call a chimney sweeper to inspect the chimney
- Call authorised service, i.e. the Manufacturer to inspect the cooker.**

It's used for cleaning enamel and painted parts using soap and water, non-abrasive or chemically non-aggressive detergents.

Spare Parts - Accessories, Page 48:

Pos. No.	DENOMINATION	Pos. No.	DENOMINATION
12	Flue gas outlet cover	218	Ashtray
13.1	Flue collar	219	Crossbar mask
14	Partition	220	Back of the drawer
15	Flue dumper	222	Drawer mounting tray
16	Cover	226	Secondary air sheet
17	Ring	227	Mantle safety
19	Rectangular insert	303	Handrail – damper rod
20	Plate	313	Thermometer
46	Flue dumper lever	317	Side wall protection cap
57	Ashtray guide	401	Firebox glass
62	Partition for smoke	402	Oven glass
63	Drawer cloak	01-000	Oven assembly
66.1	Drawer cover, outer	06-000	Door handle left
87	Baking pan	07-000	Door handle right
88	Drawer cover, inner		
94	Drawer		
98	Side drawer		Accessories:
104	Firebox door	801	Poker
108	Air control	803	Cleaning shovel
109	Frame	804	Serving handle
116.1	Firebox rear plate	806	Protective glove with an attached PLAMEN logo-red
118.1	Firebox side wall, outer		
120	Firebox side wall, inner		
128	Grate		
129	Platform		
130	Frame flue collar		
134	Front plate		
135	Oven door		
155	Main handrail		
156	Main handrail holder		
157	Log drawer handrail - IR		
200	Glass holder		
201.1	Cloak		
203	Central sheet of the cooker		
211	Oven protection		
213	Cover of the cleaning opening		
214	Air control sheet		
216	Side plate		

**WE RESERVE THE RIGHT TO ANY MODIFICATION NOT AFFECTING
THE FUNCTIONALITY AND/OR SAFETY OF THE COOKSTOVE.**

**Rezervni dijelovi - pribor; Ersatzteile - Zubehör; Spare Parts - Accessories;
 Náhradní součásti - příslušenství; Części zamienne i przyrządy; Rezervni deli - pribor;
 Пезервни делови - прибор; Резервни части - аксесоари; Náhradné diely, nástroje**

