



Stove

STROPUVA

User

Manual





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1 INTRODUCTION

The stove uses the same air supply method as the one used in Stropuva central heating boilers which are manufactured by us. The stove can hold 15-20 kg of firewood, which, if the combustion mode is properly set with the bi-thermal draft regulator, is enough to heat a room of 20-50 m² or a greenhouse for 6-20 hours.

If placed in the living room, the stove should be connected to the chimney with 160 cm diameter steel pipes. If placed in the greenhouse, a corrugated aluminium pipe of the same diameter that is able to withstand 250C° can be used to connect the stove. The corrugated pipe is attached to the edge of the greenhouse roof with joints after replacing the glass part with tin and is stretched vertically down to the stove.

Before loading firewood, the cable on the right side of the stove can be pulled down, which raises the air distributor and lets the firewood to be loaded into the stove. After loading, firewood is set on fire through the upper loading door. Afterwards, the door should be closed, and the air distributor can be released from the hook.

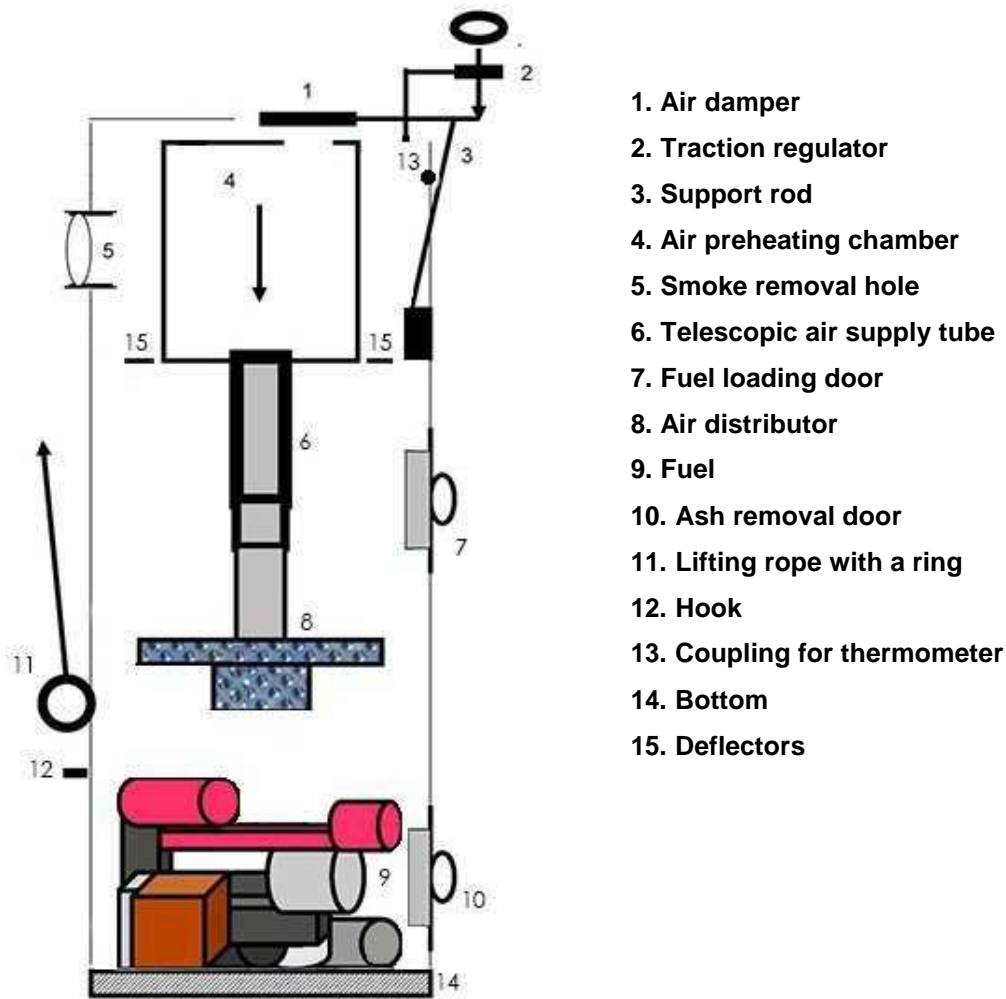
During the first time of starting the fire, the position of the draft regulator should be determined while monitoring the heat of the stove (it is not necessary to heat it above 150C°) and the heat of the rooms, which should not be changed during subsequent tries to start a fire. The stove expands as it heats up, while the bar stays colder, therefore the damper closes to prevent the stove from overheating, and when the stove cools, it opens the air damper by contracting.

2 TECHNICAL DATA

Fuel used: firewood, wood waste, briquettes. Recommended fuel humidity – up to 30 %

Power (kw)	7
Heated area (m ²)	20-50
Fuel capacity (dm ³)	90
Maximum amount of firewood (kg)	20
Burning time of a load of firewood in hours under the minimal mode	28
(according to laboratory inspections) maximum mode	5.6
Firewood length up to	35
Efficiency ratio (%)	84.2
Chimney thrust (Pa)	10-20
Minimum chimney opening diameter (cm ²)	150
Chimney diameter (mm)	160
Distance from the bottom of the stove to the chimney (mm)	991
Overall dimensions h (mm)	1330
Overall dimensions d (mm)	450
Weight (kg)	100

3 STOVE CONSTRUCTION



1. Air damper
2. Traction regulator
3. Support rod
4. Air preheating chamber
5. Smoke removal hole
6. Telescopic air supply tube
7. Fuel loading door
8. Air distributor
9. Fuel
10. Ash removal door
11. Lifting rope with a ring
12. Hook
13. Coupling for thermometer
14. Bottom
15. Deflectors

Fig. 1

4 GENERAL REQUIREMENTS

The stove must be installed on a surface with a sufficient permissible load. If the floor of the room is flammable, it is necessary to lay a non-combustible base (tin, ceramics, tempered glass, stone) in the place where the stove will be placed. Adequate access must be provided to clean the stove, flue and chimney during operation.

5 MINIMUM DISTANCE AND FLAMMABILITY OF MATERIALS

The recommended minimum distance may differ from the following distance in different countries. It can be found out by asking the installer or chimney sweep.

- The minimum distance from the stove and chimney to hard or medium flammable materials should be 1000 mm.



- The minimum distance to combustible materials should be at least 1000 mm. If it is not possible to maintain the specified distances in order to avoid starting a fire, it is necessary to take care of heat-resistant curtains, non-combustible upholstery, etc.

Flammability of materials	
A – non-flammable	Asbestos, stones, bricks, ceramic tiles, fired clay, building mortar, plaster (without organic additives)
B – not easily flammable	Plasterboard panels, basalt felt mats, panels AKUMIN, IZOMIN, RAJOLIT, lignos, VELOX andHeraclitus
C1 – hardly flammable	Felt mats covered with beech and oak wood, panels HOBRE, VERZALIT, Formica
C2 – moderately flammable	Pine, larch and spruce wood, as well as their coated products
C3 – flammable	Asphalt, cardboard, cellulose materials, bituminous paper, hard boards, cork, polyurethane, polystyrene, polypropylene, polyethylene, hay

6 CLEANING

It is recommended to remove the ash after each time of starting a fire in the stove. Place the ashes in a closed non-combustible container. Be extremely careful when removing hot ash.

7 SAFETY REQUIREMENTS

Be very careful when starting a fire. Before starting a fire after a long break, it is necessary to check whether the flues are not blocked. Only adults can start the fire in the stove! Do not let children do this. When starting the fire in the stove, touch all handles and knobs only with special tools, i.e. tongs, hook or gloves, in order to avoid burns! It is necessary to ensure that there is sufficient room ventilation and fresh air inflow during operation of the stove.

8 CLEANING TOOLS

In order to maintain the stove, you need the usual tools used at home, for example, a scoop, a broom, a shovel. When cleaning the stove, you need to use a brush, a fire iron, a scraper, and an ash pump.

9 WARRANTY

The stove is a high-quality product.

We provide 1 (one) year warranty for the stove, which starts counting from the date of sale.

The manufacturer does not assume liability for damage caused by improper use of the stove, as well as damage caused by errors in installation and connection to the chimney.



10 STOVE PASSPORT

The stove passport must be carefully filled. If the passport is not completed, the warranty is considered to be void. In case of device failure, a copy of this passport must be sent to the seller or distributor. The original of the passport is presented to the authorised specialist eliminating the deficiency.

Model stove S7
Serial No.
Rated power 7 kw
Date of purchase
Seal and signature of the seller
Seal and signature of the installer who carried out the installation work
Installation date
First launch date
Technical maintenance work