CE 25

Smederevac

Smederevac d.o.o.
Djure Strugara 20, 11300 Smederevo, Serbia

Model:
HELLIA

Serial №

EN 16510-1:2022
Residential solid fuel burning appliances - Part 1: General requirements and test methods
EN 16510-2-6:2022
Residential solid fuel burning appliances - Part 2-6: Mechanically by wood pellets fed roomheaters

Product ID

Notified Body Identification Number: NB 1879

Type of appliance: B

Declaration of Performance Code: 014/25

Types of fuels: Wood pellets - max 30 mm x 6-7 mm

Product type identification code: 014/25 - HELLIA - B-SF - 7321190000

PARAMETERS OF THE APPLIANCE

Designation		Unit	Nominal heat output	Part load heat output
The heat output	**P**	kW	8,1	3,9
The space heat output	P_{SH}	kW	8,1	3,9
The appliance efficiency	**η**	%	91,9	93,1
Carbon monoxide emissions at 13%O_2	**CO**	mg/Nm³	31	138
Nitrogen oxide emissions at 13%O_2	**NOx**	mg/Nm³	151	154
Emissions of organic gaseous carbon at 13%O_2	**OGC**	mg/Nm³	28	55
Particulate matter emissions at 13%O_2	**PM**	mg/Nm³	19	20
Flue gas temperature	T_{fg}	°C	117	79
Minimum flue draught	**p**	Pa	11	10
Electric power consumption	**el**	kW	0,500	0,150
Standby mode power consumption	el_{SB}	kW	0,003	
Minimum distances to combustible materials:				
- from the rear wall	d_R	mm	300	
- from the side walls	d_S	mm	300	
- from the top	d_C	mm	750	
- from the front	d_P	mm	700	
- in bottom front radiation area	d_F	mm	1500	
- in side front radiation area	d_L	mm	1500	
- below the bottom - legs	d_B	mm	0	

For additional information, see the technical data sheet in the instructions!

Follow the manufacturer's instructions!
The appliance can not be used in a common chimney!
The appliance operates in intermittent mode!
Use only the recommended fuels!