

Fuel: log wood

Output 16 - 25kW

Advantages of H4EKO-D:

Same connection diameters as older boilers

H416EKO-D as (H412,H418) and H4EKO (H412 EKO, H416 EKO a H420 EKO)

H420EKO-D as (H412,H418) and H4EKO (H412 EKO, H416 EKO a H420 EKO)

H425EKO-D as H424 and H425EKO

They allow quick and easy replacement with the existing boiler.

Modern boiler design

Thanks to a clever design solution, the boiler can also be placed in smaller boiler rooms

It can be supplemented by an electric spiral (3 kW) for heating by electricity

Possibility to connect room thermostat, GSM module and Internet module

The boiler is equipped with an electronic control unit

The exhaust fan provides greater efficiency

A cooling loop is part of the boiler

The large hopper allows you to load large volumes of fuel and burn large pieces of wood

Protection against taring of the combustion chamber

Long burning time

Low costs of heating

Low fuel consumption

Long life time of the boiler

The thickness of the 5 mm sheet guarantees a long life of the heat exchanger

5 year warranty on boiler body.

Ecological operation

This boiler satisfy class 5 according to EN 303 -5 and ECODESIGN parameters.

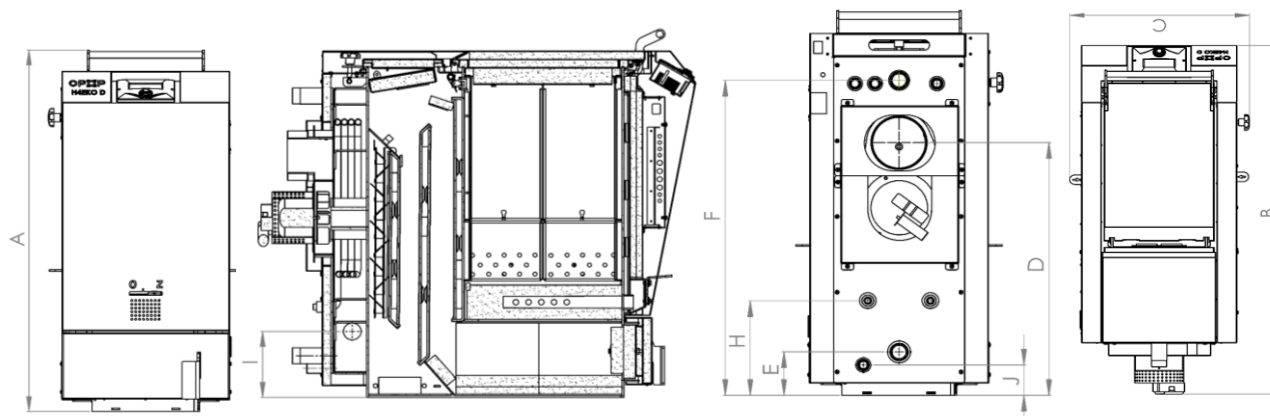




partner for your heating

WOOD GASIFYING BOILER

H4 EKO-D



Technical parameters				
Boiler type	Unit	H416 EKO-D	H420 EKO-D	H425 EKO-D
Nominal output	[kW]	16	20	25
Efficiency	[%]	90	90	90,2
Chimney draft	Pa	12	12	12
Weight	[kg]	265	317	369
Ekodesign		ano	ano	ano
Boiler class according to EN 303-5		5	5	5
Volume of water	[l]	33	33	54
Smoke diameter	[mm]	130	130	130
Fuel consumption	[kg/hod]	4,1	5,1	6
Heating water temperature range	[°C]	65 - 85	65 - 85	65 - 85
Fuel shaft volume	[l]	42	62	82
Dimensions of filling hole (dxh)	[cm]	35 x 22	35 x 32	35 x 42
Length of logs	[cm]	33	33	40
Combustion duration at nominal output	[hod]	> 4	> 4	> 4
The flue gas temperature at Nom. heat. performance	[°C]	137	130	130
Maximum overpressure of heating water	[MPa]	0,2	0,2	0,2
Testing overpressure of heating water	[MPa]	0,4	0,4	0,4
Warranty fuel		Hard wood / H2O max. 20%		
Mass flow of flue gas	[kg/s]	0,01	0,0147	0,0147
Electrical Power / Electrical Coverage	[W]	11 / IP 20	22 / IP 20	22 / IP 20
Voltage supply	[V/A]	230/2	230/2	230/2
Dimensions				
A Total boiler height	[mm]	964	964	964
B Overall depth of the boiler including the fan	[mm]	1085	1085	1085
C Boiler width	[mm]	498	598	698
D Position the flue pipe from ground to outlet center	[mm]	635	635	635
E Place the inlet water inlet pipe from the ground to the center of the outlet	[mm]	109	109	109
F Place the outlet water outlet from the ground to the center of the outlet	[mm]	791	791	791
H – place of cooling loop	[mm]	238	238	238
I – place for heating coil	[mm]	173	173	173
J – place of dump valve	[mm]	77	77	77
Thickness of the heat exchanger wall on the fire side	[mm]	5	5	5
Energy efficiency class		A+	A+	A+