

Technical data

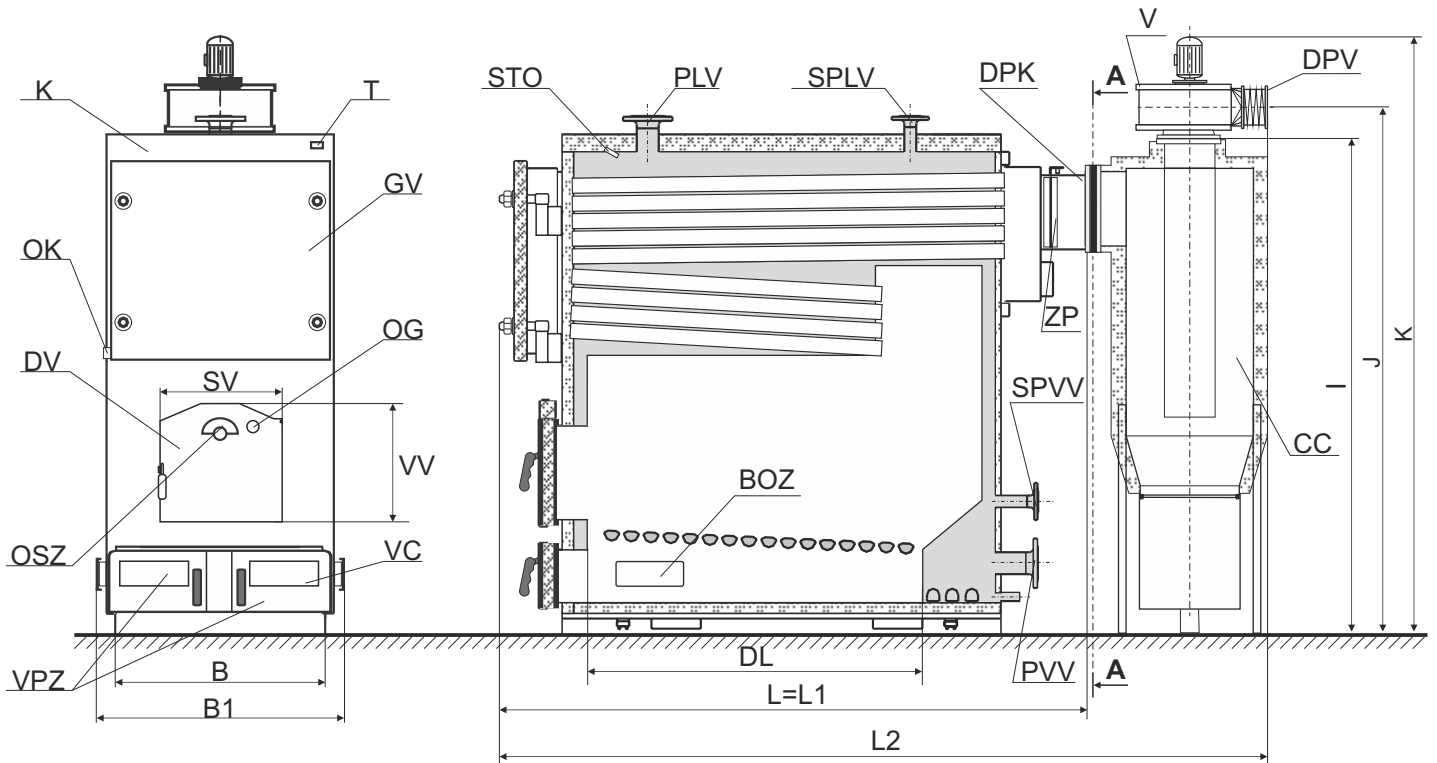
TECHNICAL DATA

TYPE		EKO-CKS 500	
Rated thermal output		kW	380-500
Dimensions of the boiler body	Depth (L)	mm	2665
	Width (B)	mm	1245
	Height (H)	mm	2540
Total boiler dimensions	Total depth (L1)	mm	2665
	Total width (B1)	mm	1391
	Total height (H1)	mm	2540
Boiler body mass		kg	2850
Total boiler mas (firing boiler body with insulation & regulation)		kg	2920
Boiler water content		l	1700
Max. operating pressure		bar	4
Boiler connections	Main / return flow	DN	100
	Safety line	DN	50
	Filling / drainage	G	5/4"
	Safety line dimensions	G	2"
	Safety pump suggestions	TIP	like Grundfos TYPE UPS-32-80
Flue gas connection (on boiler)		□ mm	430 x 170
Flue gas connection (on fan)		⊕ mm	202

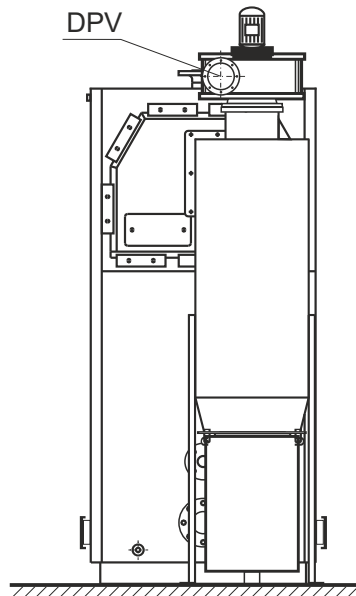
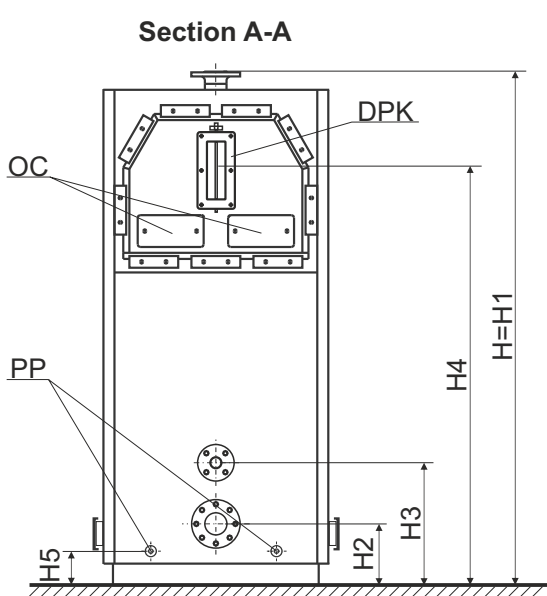
Dimensions

Type		EKO - CKS 500
H2	mm	670
H3	mm	920
H4	mm	2080
H5	mm	600
DL	mm	1613
SV	mm	782
VV	mm	654

Type		EKO - CKS 500
Total boiler lenght with cyclone L2	mm	3510
Total height of the cyclone with the fan K	mm	2560
Height of the flue gas exh. conn. of the fan J	mm	2505
Height of the cyclone I	mm	2355



Section A-A



Flue gas connection
DPV-dimensions

Legend:

DPK	- Boiler flue gas exhaust (boiler to cyclone)	SPVV	- Safety outlet line
DPV	- Fan flue gas exhaust (fan to the chimney)	STO	- Temperature sensor probe
OC	- Opening for cleaning	T	- Thermometer
OSZ	- Secondary air door	OK	- Condensate exhaust connection
PLV	- Inlet	DV	- Lower boiler door
PP	- Filling/Draining	GV	- Upper boiler door
PVV	- Outlet	OG	- Visual control opening
SPLV	- Outlet	VPZ	- Primary air door/opening for cleaning
VC	- Door for cleaning	ZP	- Opening for under pressure regulator
V	- Fan	BOZ	- Side opening for the primary air
K	- Hot water boiler EKO-CKS 500	CC	- Cyclone