

Superior Boiler Hot Water Boiler for Hydronic Heating - EKO PS -

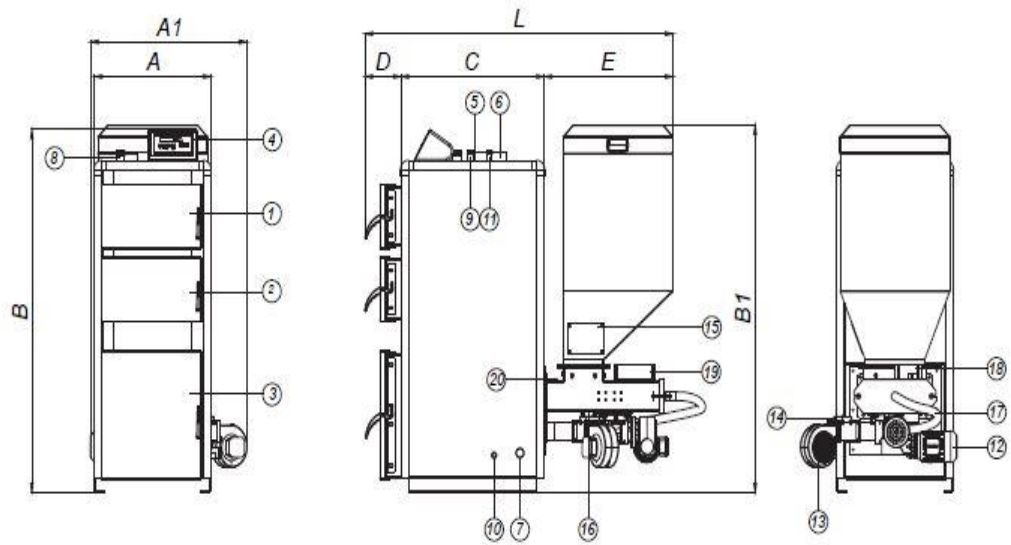


Multi Fuel Fired Industrial Boiler

The EKO PS is a versatile, multi-fuel boiler, able to burn solid hardwood or softwood, pellets, grain, nut shells, wood chips, olive pressings, or coal.

- Easy to operate digital control panel to set and monitor water temperature, adjust fan speed, and set fuel feed rate.
- Built-in lifting ring on top of boiler for ease of installation and handling
- Robust piston feed-system with built in overload and damage protection
- TEFC industrial motors on feed system and fan
- Heavy-duty hopper with large capacity
- Unique back burn prevention system
- Large and easy to empty ash pan
- Large cast iron doors for easy access and cleaning of heat exchangers, fuel feeding, and ash removal
- 4 pass heat exchanger for maximum heat transfer from fire to water

1. Cleaning Cover
2. Fuel Feeding Cover
3. Ash Taking Cover
4. Digital Control Panel
5. Lifting Hook
6. Chimney
7. Boiler Return
8. Boiler Output
9. Safety Output
10. Safety Return
11. Safety Valve
12. Reducer
13. Fan
14. Air Adjustment Clack
15. Fuel unloading Cover
16. Powder Chamber
17. The second air input
18. Switch
19. Switch Protection
20. Thermal Sensor



TECHNICAL SIZES

MODEL	A	A1	B	B1	C	D	E	L	BOILER		SAFETY		CHIMNEY DIAMETER
	mm	mm	mm	mm	mm	mm	mm	mm	OUTLET inch (")	RETURN inch (")	OUTLET inch (")	RETURN inch (")	mm
EKO PS 20	553	821	1417	1407	570	180	675	1425	1	1	3/4	3/4	130
EKO PS 30	553	821	1442	1406	663	183	675	1521	1 1/4	1 1/4	3/4	3/4	130
EKO PS 45	610	821	1585	1604	752	189	675	1616	1 1/4	1 1/4	3/4	3/4	165
EKO PS 60	670	827	1656	1616	872	191	675	1738	1 1/2	1 1/2	1	1	180
EKO PS 80	760	940	1606	1727	970	201	777	1948	2	2	1	1	200

TECHNICAL FEATURES

		EKO PS 20	EKO PS 30	EKO PS 45	EKO PS 60	EKO PS 80
HEATING CAPACITY	kW	23	35	52	70	93
	kcal/h	20.000	30.000	45.000	60.000	80.000
WATER CAPACITY	liter	46	56	84	115	152
WEIGHT	kg	390	452	555	591	678
WORKING PRESSURE (max)	bar	3	3	3	3	3
TEST PRESSURE	bar	5	5	5	5	5
MAX. BOILER OUTLET WATER TEMPERATURE	°C	90	90	90	90	90
BUNKER FUEL CAPACITY	kg	141	141	193	193	268
ASHTRAY CAPACITY	liter	12	15	20	28	39
NOMINAL VOLTAGE	V	220	220	220	220	220
WORKING FREQUENCY	Hz	50	50	50	50	50
REDUCER MOTOR POWER	W	250	250	250	250	250
FAN POWER	W	125	125	125	125	180

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