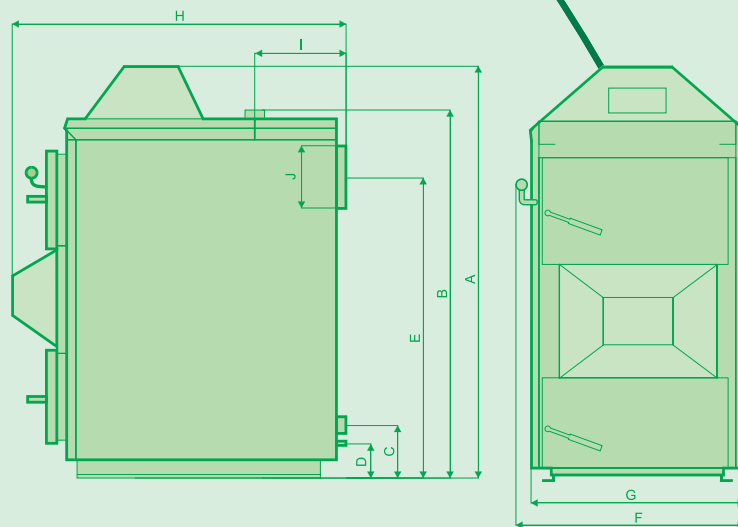


Boiler dimensions



Boiler dimensions scheme

Boiler type	ORLAN	18	25	40	60	80
Power range	kW	4 ÷ 18	5 ÷ 31	8 ÷ 40	15 ÷ 60	25 ÷ 80
Efficiency	%	85	85	85	85	85
Weight	Lb	794	1080	1212	1808	2315
Height	A inch	44	51.5	59	60.5	60.5
Height of heating water exit	B inch	40	48.5	56	56.5	56.5
Height of heating water entry	C inch	4.3	8.3	6.0	7.9	7.9
Height of outlet valve	D inch	2.3	5.1	2.7	5.1	5.1
Height of chimney flue	E inch	30.0	37.4	50.0	45.7	45.7
Width including handle	F inch	22.8	24.8	24.8	30.3	30.3
Width including casing	G inch	21.6	23.6	23.6	29.1	29.1
Depth	H inch	37.4	41.1	41.1	53.5	52.7
Hot water exit	I inch	13.3	12.6	12.6	24.0	24.0
Diameter of chimney flue	J mm	7.1	7.8	7.8	8.2	8.2
Diameter of hot water exit	inch	2.0	2.0	2.0	2.5	2.5
Diameter of hot water entry	inch	2.0	2.0	2.0	2.5	2.5
Kind of connection	-	thread	thread	thread	flange	flange
Diameter of drain valve	inch	0.5	0.5	0.5	0.5	0.5
Water capacity	Gal	15	20	25	47	54
Volume of loading chamber (gasification)	Gal	22	31	49	82	123
Power consumption	W	35	35	35	55	55
Moisture of wood:						
- recommended	%			15 - 25		
- acceptable	%			10 - 35		
Maximum log diameter	inch	7	7	7	7	7
Maximum length of logs	inch	20	20	20	25	39
Average temperature of flue gas	F			460		
Max. working pressure	PSI			25		
Required chimney draught	Pa			15 - 20		
Voltage / frequency	V/Hz			12V/60Hz		