

Orlan Pellet Technical Specifications

Work mode	Time	Value
30 K Btu power output	Hrs.	90
50 K Btu power output	Hrs.	55
100 Btu power output	Hrs.	30
Description		Value
Boiler power	BTU	100
Power range	Btu	k
Power consumption	W	250
Max water temp.	°F	190
Flue temp.	°F	300
Water capacity	Gal.	16
Weight	Lbs	660
Fuel hopper capacity	Gal.	35
Chimney flue diameter	Inch.	6
Max pressure	PSI	35
Required chimney draft	Inch/water	0.04- 0.08
Boiler efficiency	%	87
Heated space	Sq/foot	Up to 4000
Hydraulic resistance	mbar D T=20K	4
	mbar D T=10K	17
Flue pipe diameter	Inch.	6"
Boiler category	EN 303-5	3
Min returning temperature	°F	140
Min pressure of cooling water	PSI	30