

Keпо Energreen 35 - Technical Characteristics



Weight	kg	AC 470
Height	mm	1600
Width	mm	820
Depth	mm	1250
Flue pipe diameter	mm	120
Draft	mbar	0,1
Pellet tank capacity	kg	150
Electricity consumption at start	W	675
Electricity consumption during operation	W	153
Standby power consumption	W	4
Nominal voltage	Vac	220-240
Nominal frequency	Hz	50
Water pipe diameter	"	5/4
Safety valve pipe diameter	"	1/2
Pump flow rate	l/h	1400
Expansion dish	l	24
Exhaust gas temperature in nominal mode	°C	134,6
Exhaust gas temperature in minimum operating mode	°C	84,2
Amount of water in the boiler	l	86
Boiler power	kW	min 11 - max 36,4
Pellet consumption	kg/h	min 2,58 - max 8,47
Energy utilization	%	min 90,0 - nominal 90,5
Water temperature setting range	°C	min 60 - max 80
Minimum return water temperature	°C	50
Boiler water pressure	bar	min 0,6 - max 2,5
Recommended pellet class	EN303-5 EN plus	C1 - A1
Boiler class	-	5
Boiler energy efficiency	-	A ⁺
Heating surface	m ²	170-330

NOTE—The table shows the recommended boiler power according to the heating surface. Factors influencing the determination of boiler power are the average outdoor temperature during winter, building insulation, temperature that is set inside the building, calculation related to the central heating system inside the building. All buildings and all user needs are unique and based on that, your designated expert is obliged to calculate energy losses, assess existing installations and determine the boiler power adequate for your quarters based on that.