

PELLET COMFORT WATER BOILER

TYPE working with RK 2006-SPGM controller

PELLET COMFORT 12

PELLET COMFORT 25

Technical details

Power nominal/max.	12,2	23,6
Power partial/min.	3,3	7,3
Dust emission class due to EN 303-5:2012 (O ₂ =10%) mg/m ³	10	36
CO emission class due to EN 303-5:2012 (O ₂ =10%) mg/m ³	20	142
OGC emission class due to EN 303-5:2012 (O ₂ =10%) mg/m ³	3,5	6
NO _x emission due to EN 303-5:2012 (O ₂ =10%) mg/m ³	205	201
Class according 303-5:2021-09	5	5
Energy Class EEI	114 A+	114 A+
Seasonal energy efficiency	77	78
Efficiency for power max (%)	91,2	88,7
Efficiency for power min (%)	88,6	87,2
Voltage (V)	230	230
Water capacity (l.)	59	94
Max. working temperature (°C)	80	80
Max. working pressure (bar)	1,5	1,5
Waste gas stream at nominal power (g/sek)	6,65	16,23
Waste gas stream at partial power (g/sek)	2,95	7,55
Security heat exchanger	o	o
Fuel consumption at nominal power (kg/h)	2,45	5,58
Waste gas temperature for power max. (°C)	82	115
Waste gas temperature for power min. (°C)	67	75
Temperature safety limit (°C)	80	80
Chimney draught needed for power max. (Pa)	25	25
Required protection (A)	5	5
Frequency (Hz)	50	50
Safety Systems	6	6
The minimal amount of air required to proper combustion of the fuel (m ³)	100	150

Boiler dimensions

Height (mm)	1095	1216
Boiler width (mm)	390	490
Width of boiler and hopper (mm)	970	1141
Depth with burner (mm)	1400	1500
Weight (kg)	360	520
Water connection in/out	G1 ½ external thread	G1 ½ external thread
Exhaust pipe out (mm)	159	159
Chimney profile (cm)	14 x 14	14 x 14

Fuel type

Pellets, class A1 according EN ISO 17 225-2:2014	s	s
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Hopper

Standard - next to the boiler (kg)	100	150
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safety
systems



6-8mm
pellets



services



WiFi/GSM



efficiency

STANDARD PELLET COMFORT 12-25 EQUIPMENT

RK-2006 SPM

BURNER	MEASURING INPUTS	CONTROL OUTPUTS	FUNCTIONS
Cilindric burner	Boiler temperature sensor	Feeder	Memory for 4 types of pellets 1)
Furnace made of heat-proof steel	Return temperature sensor	Burner feeder (stocker)	Two water circuits
Automatic ash removing	Temperature sensor after the valve	Stream fan	Weather steering
Stream fan	Outside temperature sensor	Mixing valve	Data transmission 2)
Gear motor x 2 pieces	Feeder/auger temperature sensor	Central heating pump	Internet service 3)
Photocell – flame detection control	Photocell	Hot water pump after the valve	
Grill for pellet burning	Room temperature sensor	Hot water pump or return pump	
	Hot water sensor		



**Pellet i innowacyjne
urządzenia grzewcze**

pellets and innovative
heating appliances



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