

ECOWARMER MINI - SPECIFICATION SHEET

Ecowarmer Mini



Ecowarmer is a steel one funktion boiler. Equipped with an automatic fuel feed system, and additional emergency grate.

FUEL

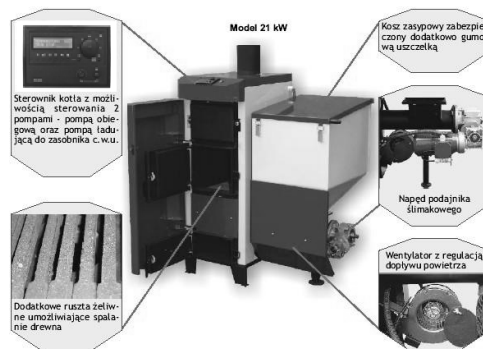
At working with feeder recommended fuel is:
coal having a diameter of 8-25 mm. During the burning on grates: wood.

TABELE SPECIFICATION

Model			Ecowarmer mini 16	Ecowarmer Mini 24
Power range	coal having a diameter of 8-25 mm	kW	5-16	8-24
The efficiency on the burner		%	82%	
Water capacity		dm ³	75	105
Max. working pressure		bar	2	
Min. outlet temperature		°C	55	
Min. Outlet temperature		°C	90	
min. inlet temperature		°C	240-260	
Water-side resistance; Δt=10K		°C	100-150	
Water-side resistance; Δt=20K		mbar	2-20	
flue gas temperature			0,5-5	
Chimney pressure		Pa	20	
Recommended chimney height		m	8	
Recommended chimney section		cm ²	400	
Fuel tank capacity		dm ³	140	
Fuel consumption at nominal power	Coal 26MJ/kg	kg/h	2,7	3,5
		h		
Power		kW	0,19/0,27	



BOILER CONSTRUCTION



AUTOMATION



Standard RK 2006 L2
Supports domestic hot water pump and central heating pump and cooperates with a room thermostat.



Optional Controller Ecomax 250 Supports domestic hot water pump and central heating pump and cooperates with a room thermostat.



Optional Controller Ecomax 800R Supports domestic hot water pump and central heating pump, mixer and mixing pump. Cooperates with a room thermostat.



OPTIONS

Standard in the boiler is installed steel retort burner



Optional iron retort burner

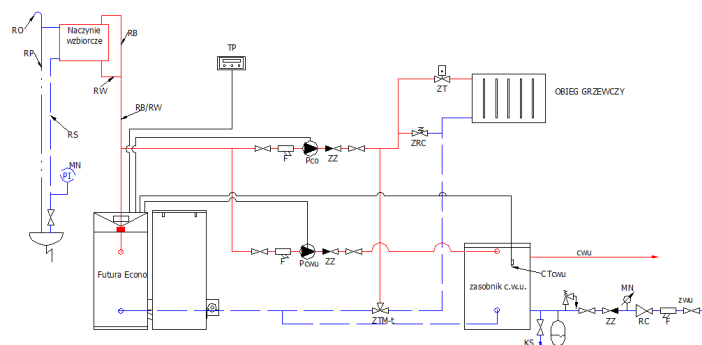


Optional multifuel gutter burner

EMISSION

Model	Unit	Ecowarmer Mini (coal 8-25 mm)
CO Emission (O2=10%)	mg/m3	1145
OGC Emission (O2=10%)	mg/m3	35
Dust Emission (O2=10%)	mg/m3	40

Installation diagram domestic hot water and central heating with thermostatic valve

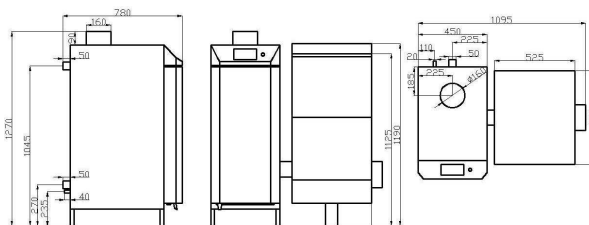


ADVANTAGES OF THE BOILER

- Automatic combustion
- Combustion time 2-7days for one load
- Expandable automation
- Simple installation

DIMENSIONS OF BOILER

Ecowarmer Mini 16 kW



Ecowarmer Mini 24 kW

