Pellets Burner MOC

Burner types *MOC* 20,40,60 combustion granulated wood (pellets) is optimal devices designed for use with boilers of a power 15 to 60 kW.

Burner **MOC** is designed so that during its use operation and maintenance costs are relatively low. Burner with horizontal hearth can be installed in many solid fuels boilers without serious modifications to this equipment. Through the use pellet burner we get comfort similar to oil boilers.

FUEL

Recommended Fuel is: pellet with a diameter of 6 to 8mm, a length of 5-30mm (20% up to 45mm) and a maximum ash content of up to 2%.

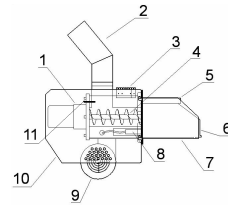Maximum humidity pellets should not exceed 10%.

The calorific value of the pellets should be greater than 17.5 MJ / kg

TECHNICAL DATA

	Unit	Type		
		MOC 20	MOC 40	MOC 60
Power burner (> 17,5 MJ/kg)	kW	25	40	60
Power range (min.-max.)	kW	8-25	15-40	20-60
Chimney pressure	Pa	10-20		
Minimum diameter of the chimney	mm	140	160	180
Minimum chimney height	m	8	8	8
The efficiency of the burner	%	92 %		
Fuel consumption for maximum power	kg/h	5,59	8,94	13,42
Fuel consumption for minimum power	kg/h	1,69	3,35	4,47
Fuel		Pellet 6-8 mm		
Power consumption	kW	0,442		

CONSTRUCTION BURNER

1. Gearmotor
2. A tube for feeding pellets
3. Electrical connection
4. Internal burner Feeder (stoker)
5. Plate thermal hearth
6. Cast iron grate burner
7. Furnace body
8. Ignition
9. Air fan
10. Burner's body
11. Fotoelement

ADVANTAGES OF THE BURNER

➢ Automatic combustion system
➢ Controlled burner power
➢ Replaceable grate of a special alloy cast iron
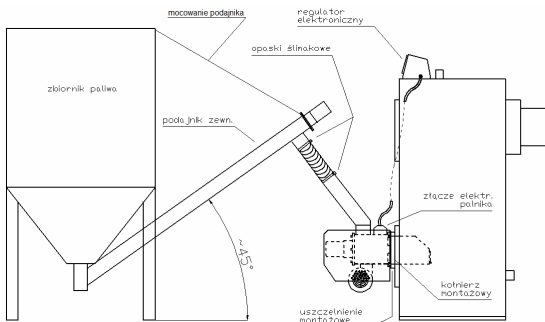➢ Expandability automation

AUTOMATION

RK 2006 LP Supports domestic hot water pomp and central heating pomp and cooperates with a room thermostat
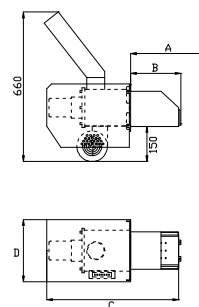
Controller FUZZY LOGIC Ecomax 800P. Supports domestic hot water pomp and central heating pomp and cooperates with a room thermostat.
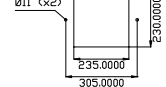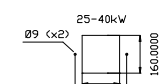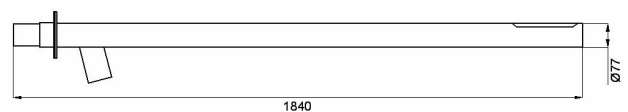
CONNECTION BURNER TO THE BOILER

DIMENSIONS BURNER

OTWORY MONTAZOWE PALNIKÓW

25-40kW
Ø9 (x2)
165
220.0000
160.0000

60kW
Ø11 (x2)
235.0000
305.0000
230.0000

	A	B	C	D
25kW	400	220	580	270
40kW	440	260	620	270
60kW	490	310	650	350

Feeder length of from 1.7 to 3.0 m