

Pellet Compact Unit (100-160.000 kcal/h)

Pellet compact unit, with automatic pellet burner



Advantages

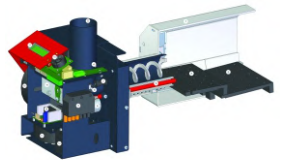
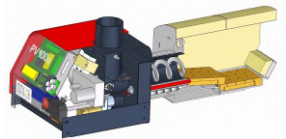
- ✓ Complete pellet combustion unit, with boiler specially designed for use with pellet
- ✓ Pellet burner with automatic function and ignition
- ✓ External auger
- ✓ Large fuel silo
- ✓ New type INOX turbulators
- ✓ Possibility to function with oil or gas by simply replacing the burner

The price includes:

- Pellet compact boiler with metallic jackets and insulation
- Automatic pellet burner
- External auger
- Control panel EN-1
- Metallic silo for pellet storage
- Flange for fitting oil burner
- Cleaning tools



Καυστήρας Megatherm



Pellet Boiler Type	M.M	PLC 100	PLC 120	PLC 140	PLC 160
Output	kcal/h	100.000	120.000	140.000	160.000
	kW	116	140	163	186
Boiler chimney	mm	195	195	195	245
Boiler external dimensions	mm	795x1110x1550	795x1110x1700	950x1240x1600	950x1240x1850
Door opening		To the right side with handles for easy opening			
Pelltech pellet burner	Type	PV-100	PV-100/180	PV-180	PV-180
Megatherm pellet burner	Type	MPB-80	MPB-150	MPB-150	MPB-150
Silo volume	litres	780	780	1000	1000
Silo dimensions	mm	700x1500x1200	700x1500x1200	800x1600x1500	800x1600x1500
Necessary chimney draught	Pa	20	20	20	20
Inlet/Outlet	inches	2"	2"	2 1/2"	2 1/2"
Flue gas temperature	°C	160-200	160-200	160-200	160-200
Working temperature	°C	60/80	60/80	60/80	60/80
Maximum temperature	°C	95	95	95	95
Working pressure	bar	2	2	2	2
Test pressure	bar	5	5	5	5
Auger	mm	1500	1500	1500	1500
Fuel	Type	Wood pellet A' quality			
Consumption	kg/h	11-18	13-22	15-24	18-26
Ignition		Automatic with electric resistance			
Silo autonomy	days	3-6	3-6	3-6	3-6

Note: The PV-100, PV-180 are with self-cleaning, ceramic furnace

Burner advantages:

- ✓ Automatic output regulation based on heat demand
- ✓ Feeding with internal screw
- ✓ Battery for proper shut down in case of black-out
- ✓ Versions with automatic furnace cleaning (Plus version)
- ✓ Smart safety systems and malfunction self-diagnose tools for
- ✓ Easy installation and regulation



-The most reliable and easy to use pellet burner!

The boiler thermal output, is calculated for pellet combustion. For use with oil, the output is **increased by 30%**