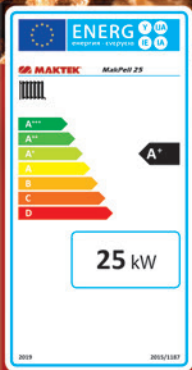


Automatic Pellet Boiler

**LOW
EMISSION
RATES**

**ULTRA THERMAL
EFFICIENCY**
CLASS 5 EN 303-5:2021
NORMS-ECO FRIENDLY



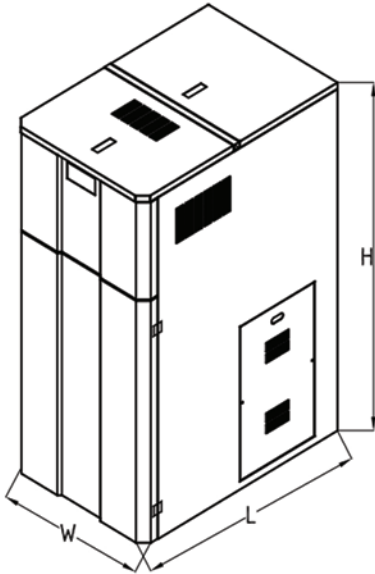
Maktek Pellet Boiler is designed for using pellet fuel with maximum efficiency. It provides optimum heating comfort while protecting the environment

- Fuel is burned easily thanks to automatic ignition feature
- Compact dimensions enable easy installation, user friendly LCD control panel
- Special cylindrical combustion chamber design
- Class 5 efficiency and emission rating in compliance with EN 303-5:2021 standards
- A+ energy efficiency class and over 124 Energy Efficiency Index
- Outputs 25 kw and 35 kw

TECHNICAL SPECIFICATIONS

		MakPell 25	MakPell 35
Heating Power	kcal/h	21500	30100
Weight	kg	215	235
Length	mm	550	550
Width	mm	910	1000
Height	mm	1285	1285
Chimney Pipe Diameter	mm	80	80
Pellet Tank Capacity	kg	40	55
Max Power Ignition	W	455	455
Max Power Operation	W	155	155
Nominal Voltage/Frequency	V/Hz	220/50	220/50
Circulation Flow/Return	"	1"	1"
Loading	"	1/2"	1/2"
Pump Flow	lt/hour	0.8 - 3.5	0.8 - 3.5
Pump Operation Height	m	1 - 7.7	1 - 7.7
Max Flue Gas Temperature	°C	135	150
Boiler Water Volume	lt	50	60
Boiler Capacity (min-max)	kW	7,5 - 25	8,75 - 35
Fuel Consumption (min-max)	kg/h	1,2 - 4,9	1,7 - 6,9
Suggested Chimney Draft	Pa	-20	-20
Suggested Pellet Class		A1	A1
Energy Efficiency	%	92	92
Enerji Efficiency Index (EEI)		124,36	124
Enerji Efficiency Class		A+	A+
Boiler Class (EN 303-5)		5	5
Noise Level	dB	58	64

General Appearance & External Dimensions



	25 MKP	35 MKP
W	550	550
L	910	1000
H	1285	1285

Makpell Pellet Boiler Features

Maktek Pellet boiler is a complete unit with chrome combustion chamber, automatic ignition, waste gas fan, integrated pellet tank, automatic pellet feeding motor, circulation pump, expansion tank, pellet feeding helzone, water and waste gas temperature sensor, integrated safety systems and LCD control panel

- It is produced with outputs 25 kw and 35 kw in our ISO 9001:2015 certified factory
- High efficiency and care free performance thanks to full automatic ignition and pellet loading
- Combustion is provided equally over all the surfaces of the combustion chamber thanks to patented cylindrical combustion chamber design for 6 mm diameter pellets and pellet intake system that distributes the pellets into the combustion chamber homogenously
- Makpell Pellet Boiler has Class 5 efficiency and emission values according to EN 303-5:2021 standarts
- A+ energy efficiency and over 124 Energy Efficiency Index
- All the boiler functions can be monitored on LCD screen
- The boiler can be operated with a single button on the electronic control panel , provides easy and practical use
- The boiler comes with multiple safety systems such as safety thermostat against over heating, back firing, operation without system water, frost protection
- Provides energy saving and low waste gas emission thanks to special case design
- Combustion air that comes from the peripheral surfaces of the combustion chamber enables homogenous fuel burning
- High temperature resistant 310 quality chrome combustion chamber minimises the corrosion during heating
- Ultra quiet cycle controlled fan provides optimum air circulation at all working power stages enabling the highest efficiency
- Erp compatible, energy efficient circulation pump enables circulation at desired flow and provides energy saving



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