

SOLID FUEL BOILER **WITH FOUR PASS**



Maximum fuel efficiency, controlled combustion standards, economic warming up and comfort is at your home with smoke duct design of Maktek 4 Pass Solid Fueled Boiler.

- » 4-pass smoke duct interior design provides maximum efficiency from the solid fuel used
- » Possibility to use with wood, coal, brine and all other kinds of solid fuel.
- » Combustion chamber capacity that meets daily coal needs
- » Thanks to the moving grill shaking arm, ashes are easily poured into the lower tray, reduce of the combustion quality is prevented.
- » Automatic anti-blocking function that protects the system during summer months when the boiler is not used.
- » Speed-controlled fan that keeps the ambient temperature constant and provides controlled combustion.

Wood, Coal, Brine, Solid Fuel
Maximum Efficiency
Automatic Anti-blocking
Speed-controlled Fan
Easily Poured

TECHNICAL SPECIFICATIONS

BOILER TYPE	18 MKB	25 MKB	40 MKB	60 MKB
Capacity (kcal/h)	18000	25000	40000	60000
Heating Capacity (kw)	21	29	46	69
Boiler Temperature Setting Range (°C)	35 – 90	35 – 90	35 – 90	35 – 90
Weight (kg)	238	284	300	426
Boiler Water Volume (lt)	50	59	81	124
Fuel Capacity (kg)	40	55	75	105
Working Pressure (Bar)	3	3	3	3
test Pressure (Bar)	4,5	4,5	4,5	4,5
H (mm)	1300	1490	1525	1708
L (mm)	890	1090	1090	1336
W (mm)	550	550	580	668
a (mm)	-	226	226	306
b (mm)	735	711	711	850
c (mm)	180	180	180	180
h (mm)	155	155	155	155
cap (mm)	130	160	160	200
Circulation Return - Flow (inch)	1”	1”	1 ¼ “	1 1/2” “
Safety Flow - Return (inch)	1”	1”	1 “	1 ¼ “
Loading -Disposal (inch)	1/2”	1/2”	1/2”	1/2”
Open Expansion (lt)	45	60	100	150

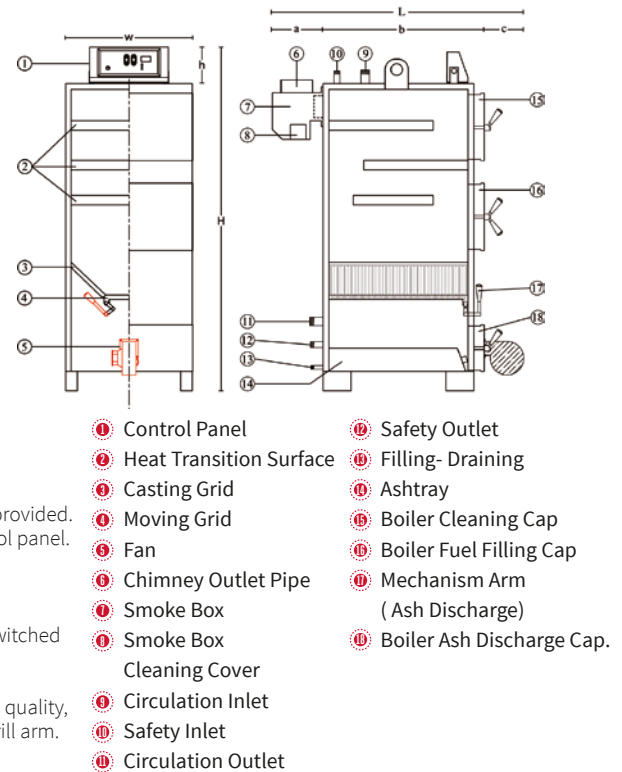
ELECTRIC CIRCUIT

Voltage/ Frequency (V /Hz)	230 / 50	230 / 50	230 / 50	230 / 50
Power (W)	160	160	188	188
Elektric Isolation Rate IP)	14 A	14 A	14 A	14 A

Circulation pump is installed by the installer or company in 60.000kcal/h capacity boilers.
The boiler power values may vary according to the usage circulation pump power

- » Solid Fuel Boiler With Four Pass Standarts
- » 21 kw – 69 kw capacity Options
- » With the integrated electronic circuit system, the fan speed is automatically adjusted according to the chimney status.
- » The water temperature in the system is adjusted from the screen on the device.
- » The ambient temperature is kept constant at the set temperature with thermostat control.
- » The safe operating system protects the system against overheating.
- » When the fuel in the boiler is completely exhausted and the system temperature drops below 25 degrees, the unit switches itself off automatically.
- » The ergonomic design of loading, cleaning and discharge flaps provides ease of use.
- » As the input and output of the boiler are controlled by the electronic circuit system, possible faults are minimized.
- » Superior technology.
- » The air sent by the fan to the combustion chamber ensures clean, controlled and complete burning of the coal.
- » Energy-saving
- » 3 year warranty, widespread service organization.
- » Possibility of cleaning the boiler in short time with practical ash cleaning mechanism.
- » Safe operation in the event of a power failure (assuming that the connection has been made correctly under the conditions specified in the installation manual)
- » Easy boiler cleaning with special design covers.
- » Wet rotor, 3 speed step circulation pump provides the desired circulation and energy saving is provided.
- » Ability to set the device's temperature and display use information with the digital display control panel.
- » High efficiency with smoke duct design.
- » Economical and efficient combustion adjustment with chimney flap.
- » CE certified
- » In summer months when the heater is not used for a long time, the circulator is automatically switched on every 24 hours and runs 15 seconds and stops to prevent the circulator from being blocked.
- » The circulation pump automatically switches on when the boiler temperature reaches 40 ° C.
- » The ash formed during combustion reduces the combustion quality.To improve the combustion quality, ash can be easily poured into the bottom plate thanks to the shaking function of the movable grill arm.

Note: All specified specifications are subject to proper chimney installation



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