

R-MK Series

Solid Fuel Fired Boilers



“Ease in Comfort”

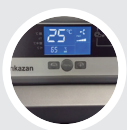
RMK series has been created for ease of use and cleaning ease on focus. These models are a good choice when solid fuels are the only alternative available or other options are not feasible.

With 3 pass baffle plate heat exchanger system inside the combustion chamber, Unlike the tubed models in the market, heavy accumulation of soot in the heat exchange area is eliminated by this system. Moreover, Cleaning has been simplified more than ever. Large loading doors allow fast reloading and ease in cleaning. With its Compact size and weight installation process is made fast and convenient.

Powerful draft fan, draft regulator, rotative grills are some of the features of Robus series.

Despite its size, The Armadillo packs a strong punch through its many features:

Features



Control Panel:

Advanced control panel regulates the boiler by thermostatically controlling the fan by set temperature.



Air Fan:

High capacity air fans provides the air required by the combustion efficiently and quietly.



Large Loading Doors:

Loading, Refueling and servicing made extremely easy thanks to the large opening doors of the Robus series.



Chimney Regulator:

Strong draft could distort the combustion process therefore must be regulated. A standard feature in Robus series, the draft regulator set during commissioning by the installer eliminates this problem..



Special Grates:

These rotative grills are rotated by an external handle allows breaking down any cinders and accumulations ossified on the grill.



Draft Limiter:

A small lid prevents air intake when the boiler reaches to the set temperature and the fan stops. This enables the fuel to hibernate for long times and flame up when the fan starts again.

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ADDITIONAL FEATURES:

Special grate: Design for maximum fuel & air mixture.

Cover jackets: Easy assembling & de-assembling. Quality paint (COLORCOAT®)

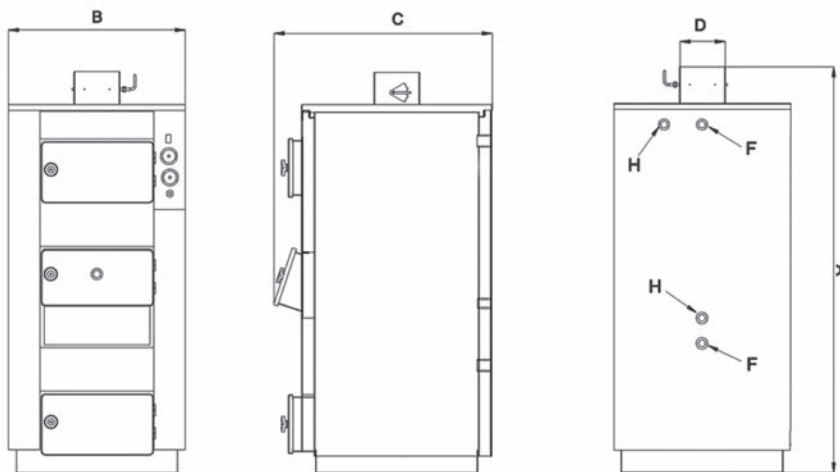
Chimney: Adjustment lever allows precise flue gas setting thus attaining maximum efficiency by capacity.

Body: Automated weldings. Leak free; %100 hydrolic tested.

Safety: Limit thermostat for overheating situations.

Ease: An ash tray and externally actuated movable grates allows ease of ash removing & cleaning.

Fuel: Coal, wood, pellet, chip wood* or any other non-petroleum products could be used as fuel.



Baffle Plate Heat Exchanger System

	UNIT	RMK-25	RMK-40	RMK-60
Product Capacity	kWh	29	47	70
Operating Pressure	bar	3	3	3
A Height	mm	1350	1350	1410
B Width	mm	590	590	740
C Length	mm	780	780	935
D Chimney Connection Diameter	mm	125	180	180
H, F Boiler Inlet / Outlet Connections	inch	1"	1 1/4"	1 1/2"
Safety valves	inch	1"	1"	1"
Net Weight	kg	205	235	365
Fuel Load (Coal)	kg	25	25	45
Water Content	lt	40	45	75