



29-116 kW

ATLS (ATLAS) SERIES

Prismatic - Baffled - Round Pot - Mixer - Pellet Stoker

Ash Discharging - Water Grate System

Housing Heating and Central System Heating Boiler

USAGE AREAS

Housing and Mass Housing Heating

FUEL TYPES

Pomace, Wood, Coal, Rice Coal, Pellets, Hazelnut Coal

TECHNICAL DATA >>>

ATLS (ATLAS) SERIES • 29-116 kW

Prismatic - Baffled - Round Pot - Mixer - Pellet Stoker - Ash Discharging - Water Grate System Floor Heater



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COAL



WOOD



POMACE



PELET

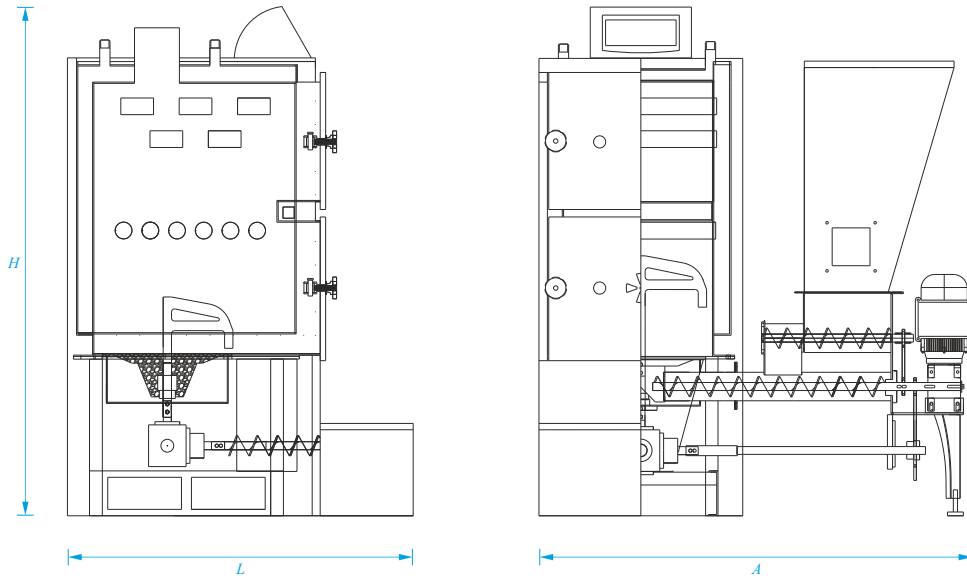


HAZELNUT COAL



BRASS COAL

- Multi-functional electronical control panel that is easy to use and elegant, increases safety and decrease consumption of electricity-fuel.
- It provides more heat transfer surface by using stacked baffle layers and water grid in place of a pipe
- It has feature of comfortable usage by means of setting the combustion air as per fuel quantity, sleep mode, connection with room thermostat in the electronical control panel.
- Adjustable fan valve helps adjust burn speed according to flue suction.
- Fan and circulation pump automatically shuts down to save energy then the fuel runs out or set temperature cannot be reached.
- High efficiency and cost saving with four-baffle conducted heat transfer surface.
- Sleep mode presents economic and comfortable heating without blowing out for all winter by means of 24-hour-programming feature.
- Large fuel tank (hopper) and fuel sieving system
- More productive combustion is obtained by means of primary and secondary air system with detachable and specially-designed casting ladle.
- Heat loss is minimized by using ceramic-based refractor on boiler's front covers and high-density insulation materials on the body's hot surfaces.
- The boiler can be cleaned easily by virtue of ash discharge system.
- Usage comfort is presented with the specially-designed and optional automatic ignition system.
- Round pot system allows to burn any kind of fuel by means of mixing arm, and easy utilization with special ash discharge system.
- Baffle is preferred on the heating surface of this product instead of pipe system.



DIMENSIONS		ATLS				
		25	40	60	80	100
Width (A)	mm	1.350			1.400	
Length (L)	mm	860		980		1.100
Boiler Height (H)	mm	1.660	1.710	1.800	1.860	1.900
Flue Diameter	Ø mm	160			250	
Min. / Max. Flue Temp	°C	170 - 210				
Boiler Input-Output	Ø inç	1	1¼		1½	
Expansion Tank Input / Output	Ø inç	1			2	
Boiler Loading-Unloading	Ø inç	1/2				
Electrical Connection	V/Hz	220V - 50Hz				

TECHNICAL DATA		ATLS				
		25	40	60	80	100
Fuel Type Used		Pomace - Pellet - Wood - Coal - Hazelnut Coal - Rice Coal				
Heating Power	kW	29	46	70	93	116
	Kcal	25.000	40.000	60.000	80.000	100.000
Combustion Chamber Height	mm	240				
Combustion Chamber Width	mm	570		590	730	900
Combustion Chamber Depth	mm	450			480	
Combustion Chamber Volume	dm ³	65		70	80	200
Fuel Loading Cap Dimension	mm	350 x 520		450 x 520	550 x 640	
Water Volume	lt	72	94	124	160	216
Boiler Weight	kg	265	298	400	470	591
Desired Traction from the Chimney	mbar	0.25 - 0.28	0.31 - 0.33	0.33 - 0.35	0.35 - 0.40	
Temp. Control Range	°C	40 - 85				
Highest Operation Pressure	bar	3				
Test Pressure	bar	4.5				





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