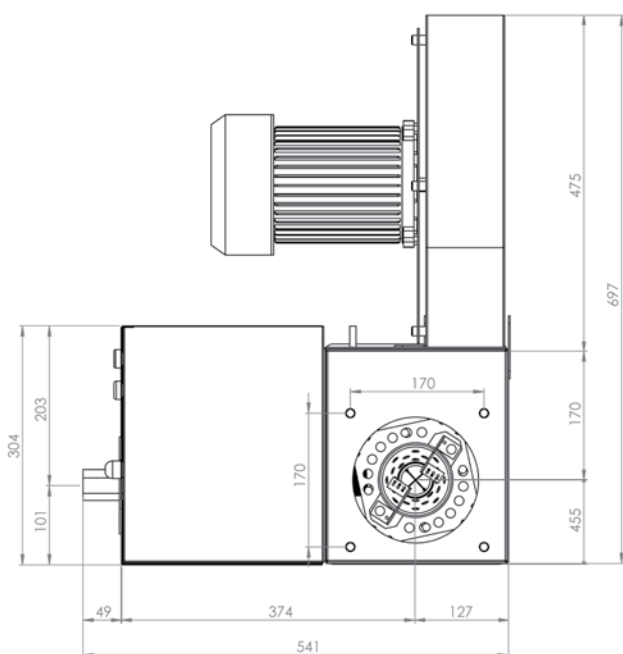


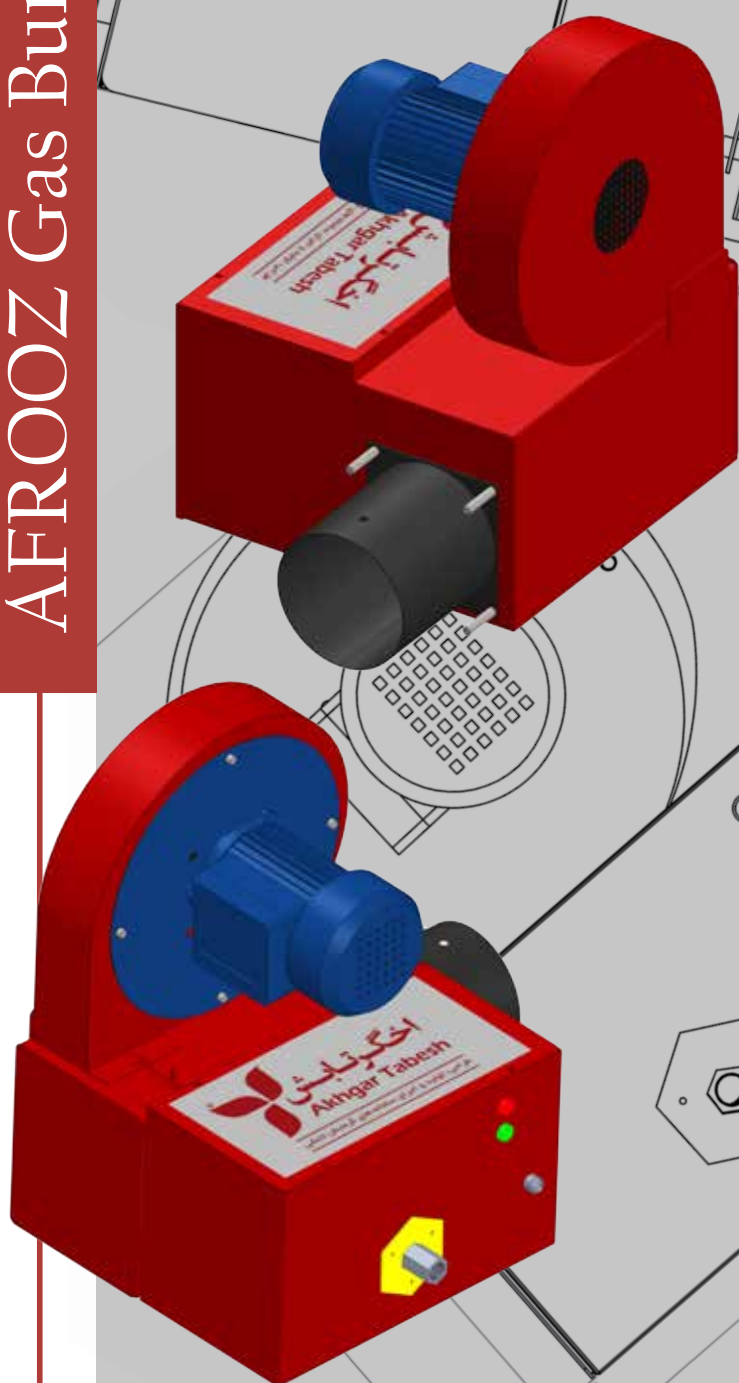


AFROOZ

Gas burner



AFROOZ Gas Burner



AFROOZ Gas burner

A burner to heat different kinds of furnaces, pools, and reservoirs

Technical Specifications

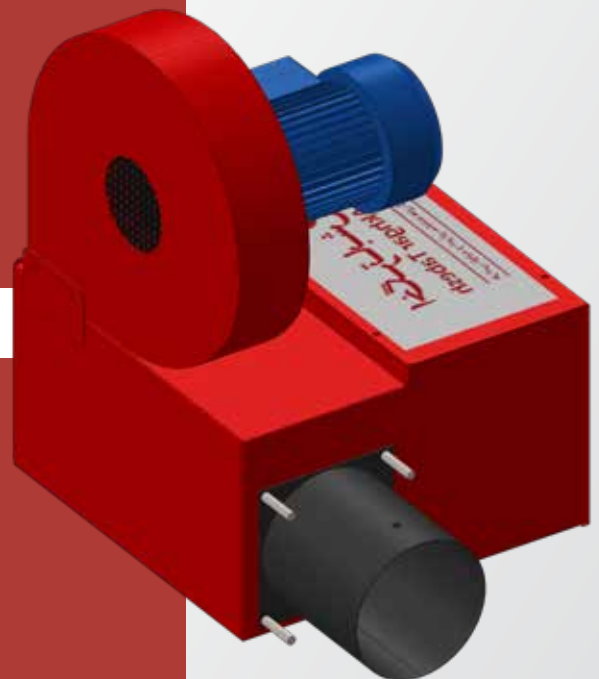
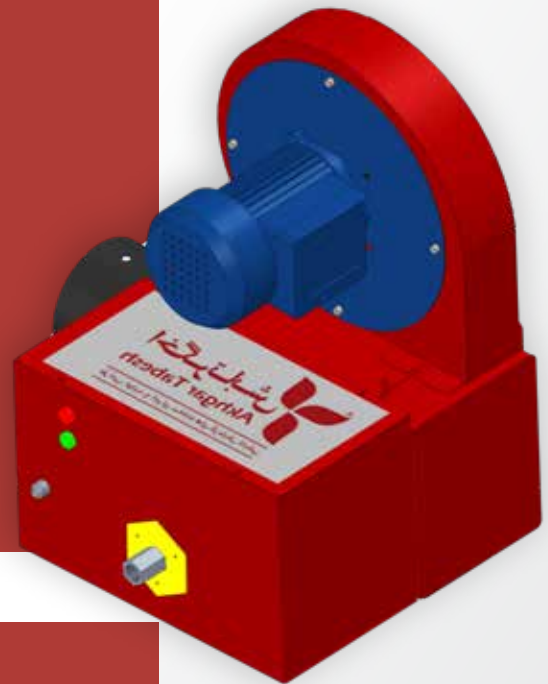
- 90% combustion efficiency
- Burner electronic control system
- Flame detection safety system
- Radiant band with different dimensions and lengths
- Full combustion with minimum contamination
- Convective and radiative heating

Applications:

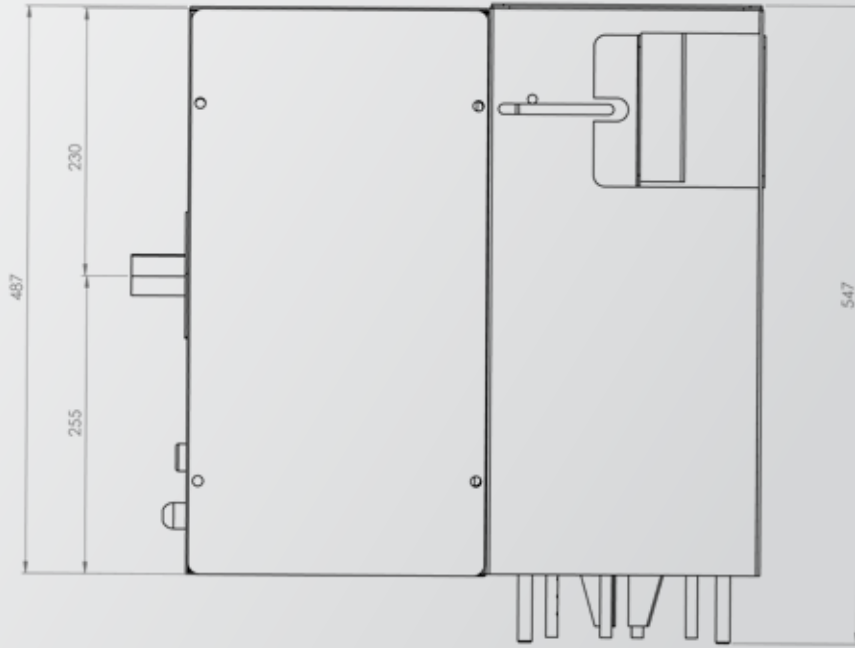
- hot-air furnaces such as drying oven, kiln, etc
- in the food industry for producing steam
- Fluid Reservoirs heater
- Fluid pools heater

AFROOZ features:

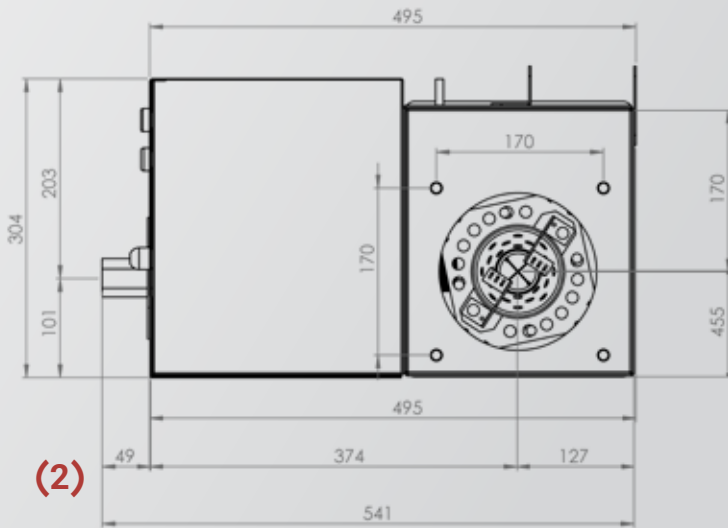
- Variable thermal power
- Burner capacity adjustability and temperature control according to the requirements
- Gas consumption reduction up to 50%
- Ability to install at various places due to different lengths and diameters of the pipes
- Using steel pipes in corrosive conditions



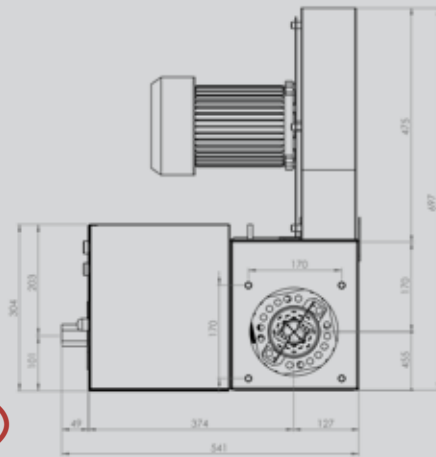
(1)



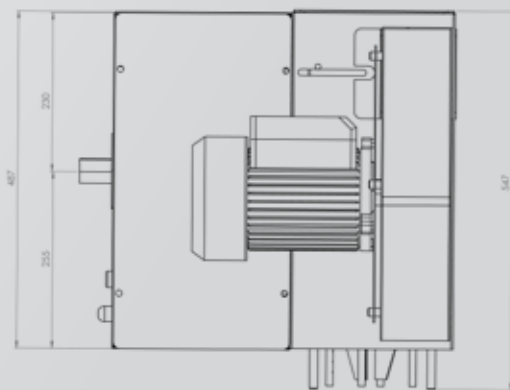
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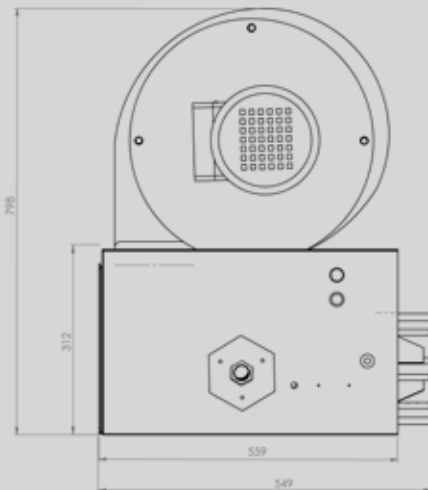
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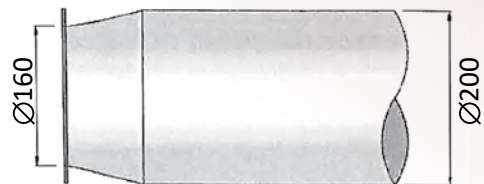
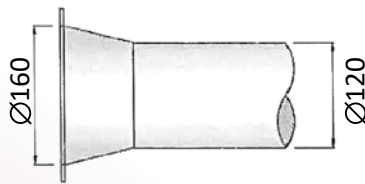
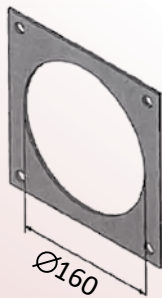
(5)



Dimensional specifications of AFROOZ

Technical specifications of AFROOZ

Model		BAF 100	BAF 200	BAF 300	
Thermal capacity	kCal/hr	86000	172000	25800	
	kW	100	200	300	
Combustion performance		%			
		87			
Gas consumption	Natural Gas	m3/h	10.5	21.2	31.1
Electrical power supply		V/Hz			
		380 V / 50 Hz 3/N/PE			
Gas connection		Inches	$\frac{3}{4}$	1	1
Required gas pressure		mbar	20	30	30
Electromotor power		W	550	1100	1500



.....Radiation tube flange Minimum pipe diameter..... Maximum pipe diameter

Dimensions of AFROOZ heating system pipe

Model	Minimum pipe diameter (mm)	Minimum pipe length (mm)
BAF 100	120	3000
BAF 200	160	4000
BAF 300	180	6000

The length and diameter of the pipe are determined based on the project conditions and limitation.



Design, Production, Installation of Radiant Heating Systems



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