

Nova Series

Hot Air Generators

“Hot air Generation with versatility”

Nova Series hot air generators are designed for the ones who are looking for products of all weather conditions, independent of installation and especially in large areas to heat.

Considering the flexibility it offers, it has become one of the best in its class in terms of variety of burner types it can utilize, ease of use and economy.

Thanks to the meticulous work of our expert engineers, Nova series become prominent with its user-friendly advanced control system, automatic feeding, automatic temperature control, automatic ignition, over-temperature protection and with its unique design, distributes the hot air to its ambient with a wide 270 degree angle.

NOVA Series has become a great solution to Greenhouse, glasshouse owners, warehouse and workshop facilities, field hospitals and field mess halls for construction sites providing hot air. The great versatility comes to work not only with biomass burner, but also with gas and oil fired burners.



Features



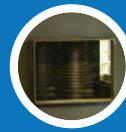
Advanced Control System

An advanced central control system regulates the system constantly with the data provided by sensors.



New Compact Design

Nova is equipped by a strong casing to withstand every environment.



Finned & Vertical Tubes

Achieving high efficiency by increasing heat transfer with finned pipes. With specially designed vertical tube instead of the horizontal tube system in its equivalents, prevents dust and dirt from adherent to the tube surfaces.



Pressure Discharge Valve

In case of gas entrapment, allows the gas to be thrown out by the pressure discharge valve, and cleaning operation carried out from this section easily.



Flexible Silo Installation

Silo installation possibility on both sides.



Fan

Three-stage radial blowing fan has a long-life usage performance with a durable structure and silent system.



Periscopic Hinge

Specially designed for easy maintenance and service of the burner.



Adjustable Ventilation

Adjustable ventilation for direction control of hot air.



Air Blow



Pellet Fuel



Changeable Burner



Ceramic Igniter



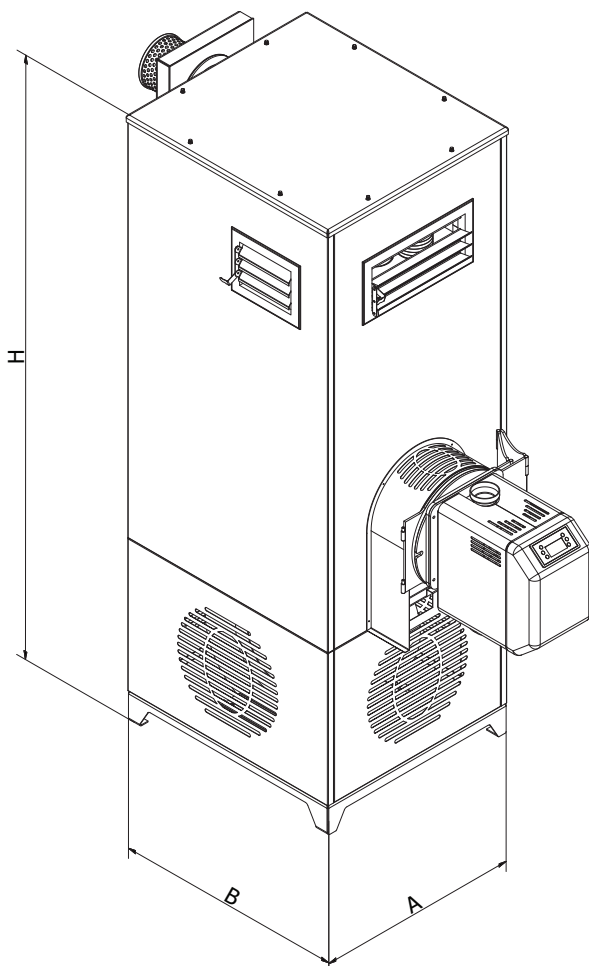
Photocell



Back Burn Control

Technical Specifications

TECHNICAL SPECIFICATION of NOVA		Unit	TYPE		
			NOVA 50	NOVA 80	
CAPACITY	Nominal - Minimum Heat Output	kW	50 - 15	80 - 24	
		kcal/h	43.000 - 12.900	68.800 - 20.640	
	Combustion Efficiency, at Full Load	%	>90%		
OPERATING CONDITIONS	Fuel Type	-	Ø6 mm Premium Quality, EN Plus A1		
	Temperature Setting Range	°C	50-100	50-100	
	Max. Hot Air Flow Rate	m³/h	3200	4000	
	Heating Air Temperature	°C	75-100		
	Electrical Connections	-	230 Vac , 50 Hz	380 Vac , 50 Hz	
	Required Stack Draught (vacuum)	Pa	-10		
	Approximate Fuel Consumption	at full & partial load	kg/h	11 - 3,3	17,8 - 5,3
	Average Power Consumption	at full load	Watt	800	950
Airborne Noise Level	at full load	dB	66	62	
MAIN DIMENSIONS	Width, A	mm	650	700	
	Depth, B	mm	718	818	
	Total Depth, C	mm	1450	1625	
	Height, H	mm	1918	1975	
	Stack Diameter (Inner - Outer), ØD1	mm	146-150	146-150	
	Flue Gas Exit Connection, D	mm	1573	1615	
	Boiler Weight & Freight Weight	kg	300-335	435-370	
	Freight Dimensions (width x depth x height)	mm	735 x 1580 x 2030	785 x 1735 x 2235	



Highlights on the Features of Nova:

- Automatic ignition and auto pellet dosage,
- User friendly control system,
- Unique software for regulation of combustion,
- Flame control,
- Easy service & maintenance design,
- Long life,
- Back burn control,
- Periscopic hinge adapter for easy assembly and cleaning,
- High efficiency & low emissions,
- Fast and homogeneous heating,
- Steel combustion chamber.

