

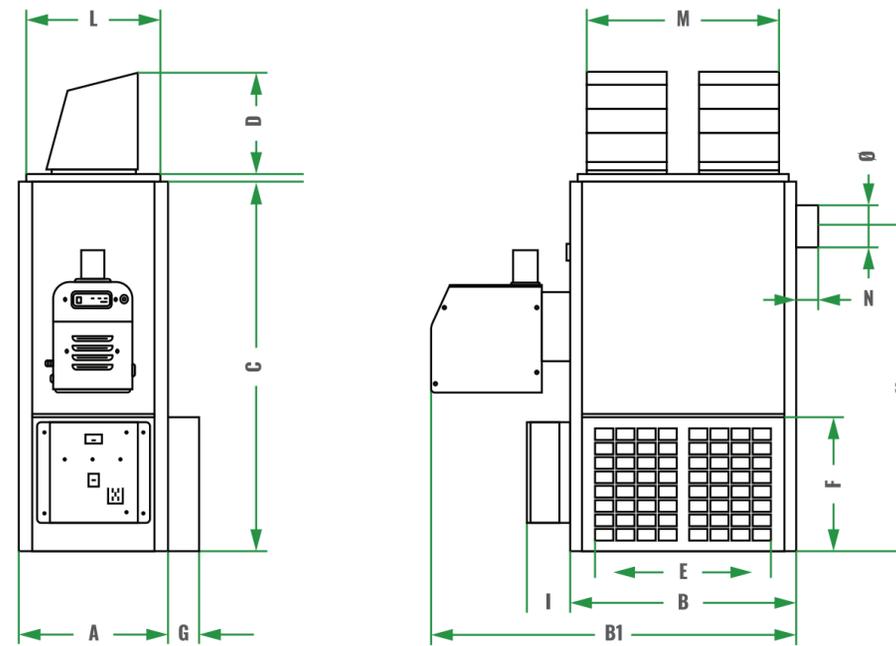
# NATURALLY STRONG



## PELLET HOT AIR GENERATORS

EBH 50 – 100 – 200 – 300

## TECHNICAL DETAILS



MODEL	A [mm]	B [mm]	B1 [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	L [mm]	M [mm]	N [mm]	Ø [mm]	weight (Kg)
EBH 50	760	950	1493	1730	425	730	500	120	1250	200	800	500	90	160	320
EBH 100	760	1150	1835	1830	425	930	600	120	1490	200	1000	500	90	160	425
EBH 200	1160	1760	2620	2360	530	1540	800	180	2035	200	1490	800	130	250	955
EBH 300	1160	2160	3470	2360	530	1940	800	180	2035	200	1990	800	130	300	1150

MODEL	GENERALS			DIRECT THROW					DUCTED INSTALLATION			
	Nominal power kW min-max	hourly consumption* Kg/h min-max	Electric power kW	AIR FLOW (m3/h)	Δt AIR max (°C)	AIR THROW (m)	N° OF HEADS	Level of Noise at 1.5mt (dBA)	AIRFLOW (note 2) (m3/h)	NET STATIC PRESSURE (Pa)	Δt AIR max (°C)	Level of Noise at 1.5mt (dBA)
EBH 50	15-50	2,8 - 9,5	1,40	3.900	40,4	17	2	69	4.300	100	36,7	64
EBH 100	40-100	7,5 - 19	2,40	6.800	44,3	24	3	72	7.800	180	38,6	67
EBH 200	60-200	11,6 - 38	4,37	19.000	47,9	65	3	76	20.250	180	44,9	74
EBH 300	100-300	19 - 57	5,87	25.200	48,1	75	4	76	31.000	240	39,1	74

\* consumption calculated with certified wood pellets UNI EN 14961-2 con P.C.I. 5,2 kW/kg

### ECO FRIENDLY

Wood pellet represents a neutral impact energy source. This means that, during the combustion process, they release a quantity of CO2 equal to that which the plant has absorbed during its growth through the photosynthesis process.

### RENEWABLE

Wood pellets have a definite advantage over fossil fuels as they are produced with renewable materials.

### COST-EFFECTIVE

Starting from the same energy requirement, the use of wood pellets involves half the costs compared to fossil fuels.

### SAFETY

Wood pellet systems are not subject to the risk of gas leaks such as fossil fuel-fired systems.



## Fuels comparison:

1 liter of LPG = 1,3 Kg of pellets

1 liter of oil = 2 Kg of pellets

1 mc of methane = 2 kg of pellets



# YOUR SYSTEM AT YOUR FINGERTIPS



## FEW AND SIMPLE STEPS TO MANAGE YOUR SYSTEM



1 Download the APP



2 Connect your Smartphone



3 Manage our heating system

[www.b-max.com](http://www.b-max.com)

# PELLET HOT AIR GENERATORS

High efficiency and reliability

Low running cost

Great versatility

Hot air generators are used to heat civil and industrial environments. They are characterized by a **fully automatic operating system**. The combustion chamber is designed with **high quality materials** in order to obtain the maximum heat exchange between the incoming air and the outgoing air, and to guarantee the **longevity of the system, high efficiency and energy savings**.

1. Air discharge heads with regulating fins
2. Heat Exchangers
3. Flame control glass
4. Burner mounting flange
5. Combustion chamber
6. Electrical control panel
7. Double suction centrifugal fan
8. Filter with protection net
9. Filter box
10. Suction grill



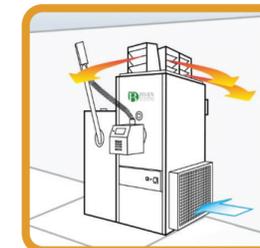
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# INSTALLATION OPTIONS

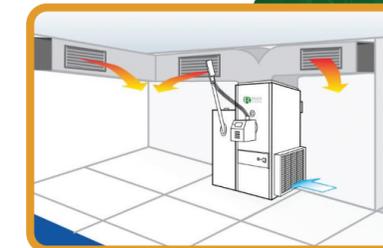


The range of hot air generators offers solutions for every requirement. The generators are available for indoor or outdoor installation, direct diffusion or through channels, with innovative burners capable of handling wood pellets and other types of biomass.

## INDOOR INSTALLATIONS

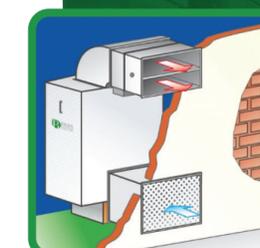


Direct throw with Plenum for air discharge with **movable revolving discharge heads**

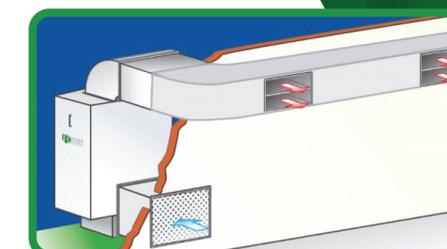


Ducted installation with **multiple hot air outlets**

## OUTDOOR INSTALLATIONS



External installation with **direct throw**



External installation with **ducted throw with multiple hot air outlets**

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