



BA PLUS

Vertical cabinet warm air heaters for direct air diffusion complete with diesel oil tank

BA PLUS warm air heaters are the ideal solution for heating of small and medium-sized industrial environments such as workshops, laboratories, warehouses and so on, where direct diffusion of warm is requested, without duct diffusion system.



HEATING	SUPPLY	HEATING CAPACITY	AIR FLOW RATE	EFFICIENCY
	 oil	kW from 27 to 99	m³/h from 2.760 to 8.800	 ~ 93%

Peculiarity:

- Simple installation and quick start-up heaters.
- Complete with pre-assembled plenum for direct air diffusion, diesel oil burner , built-in tank and integrated thermostat.
- Range of 3 models with heating capacity from 27,1 kW to 99,3 kW.
- Low noise level centrifugal fan.
- Ideal for heating of small and medium-sized industrial environments such as workshops, laboratories, emergency facilities where a reliable, autonomous, rapid and easy installation is required.

Description

BA PLUS warm air heaters are the ideal solution for heating of small and medium-sized industrial environments where direct diffusion of warm is requested, without duct diffusion system.

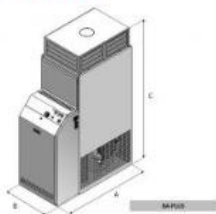
Heaters are powered by diesel single-stage burner. The standard supply of air diffusion plenum with adjustable outlet fins on all four sides and a fixed transmission fan unit helps to make installation particularly economical, quick and simple.

The centrifugal fan, with motor directly coupled to the impeller and with low noise emission level, allows the installation of the heater directly into the environment to be treated.

The burner is contained in a special compartment, where the diesel tank is also housed. On the control panel there is a room thermostat to ensure fully automatic operation of the heater. The heater is complete with electrical panel and control and safety devices and, during summer season, it is set up to provide only ventilation of the environment.

- **Heat exchanger** with three smoke rounds; combustion chamber in stainless steel, smoke pipes in high quality steel, complete with inspection doors, chimney connection and burner mounting plate with insulation.
- **External casing** painted with thermosetting powders, complete with external cabinet for burner and oil tank protection with radiation-proof heat insulation.
- **Fan section** with one centrifugal fan, equipped with one electrical single phase motor directly coupled to the fan wheel.
- **Electrical board** for control and protection of the warm air heater designed for single phase electrical motor supply 230V / 50 Hz complete with FAN-LIMIT double-thermostats and a room thermostat.
- **Diesel tank** integrated in the heater and provided with a connection for the load of fuel.
- **Air outlet diffusion plenum** with air delivery openings on the four sides and horizontal individually adjustable precut fins.
- **Oil burner** complete with electronic devices, nozzle, flexible pipes and filter.

▼ Dimensions



BA PLUS

Model	Overall dimensions mm			Chimney Ø mm	Weight* Kg	Weight (with package) Kg
	A	B	C			
BA 30 PLUS	1.020	500	1.600	120	140	150
BA 60 PLUS	1.120	540	1.700	150	180	190
BA 100 PLUS	1.400	760	2.000	180	315	325

▼ Technical features

AEREAULIC SECTION

Model	Unit	BA 30 PLUS	BA 60 PLUS	BA 100 PLUS
Air flow rate	Nm ³ /h	2.760	5.300	8.800
Standard motor power	Pa	0,245	0,560	2,2

HEATING SECTION

GAS HEAT EXCHANGER

Model	Unit	BA 30 PLUS	BA 60 PLUS	BA 100 PLUS
Heating capacity input	kW	27,1	61,3	99,3
	kcal/h	23.300	52.720	85.400
Max. useful heating capacity output	kW	25,2	56,7	92,3
	kcal/h	21.650	48.760	79.400
Temperature deviation	K	27	32	31
Storage tank	l	75	90	-

ELECTRICAL SPECIFICATION

Model	Unit	BA 30 PLUS	BA 60 PLUS	BA 100 PLUS
Electrical supply	V-50Hz	230 1 N~	230 1 N~	400 3 N~