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EP Series Firewood heaters



MET MANN



"EP" Series

Firewood heaters (hot air and heat radiation)

"EP" series firewood heaters are equipments addressed to manufacturer sector in which solid fuel - as for example **coal, wood waste, shell, etc.** - is used as energy source for heating.

These equipments are designed with the aim of taking benefit of these kinds of fuel for producing hot air and heat radiation for conditioning premises or working areas.

Their design has been thoroughly developed so that they become effective and durable equipments with an easy maintenance.

Its basic operation is that one of taking the most of the heat produced by the combustion for carrying out a thermal transference in the thermal exchanger module, in which air flows driven by a fan. Once the thermal exchange is carried out, the air is driven to the premises precincts that must be conditioned with a suitable temperature for conditioning the premises. As well as driving hot air, the equipment makes a heat contribution by means of the radiation of the parts exposed to internal heat, so we take the most of the carried out combustion.

The range is composed of two models which differ from each other basically on the kind of installed fan. The EP-050 model incorporates a helicoidal fan and the EP-100 model incorporates a centrifugal fan.

THERMAL PROTECTION CAGE

MET MANN has developed a rectangular metal cage which carries out the function of thermal protection for avoiding possible burners when touching the equipment while in operation.

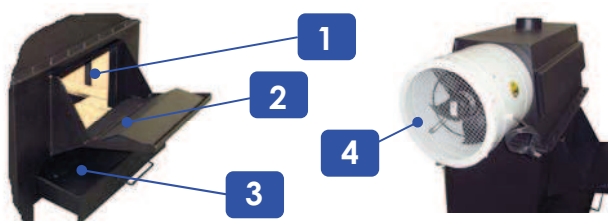
Its design has been made for being able to be easily assembled and dismantled. It has been taken into account the possibility of having access to the loading and unloading areas, and cleaning and air impulsion areas. All this with no need of dismantle for carrying out whatever function previously described.



New (Protection cage)



Constructive details and technical features



- 1- Refractory bricks placed in a perimetral way.
- 2- Loading and unloading holding doors with opening handle.
- 3- Completely sliding ashes collecting box.
- 4- Fan group with external rotor motor and IP-55 protection, protection grid which is completely collapsible for its cleaning or maintenance.

Model	Calorific power		Airflow	Tension	Motor power	Dimensions (Width x Length x Height)	Loading mouth (Width x Height)	Chimney Ø	Weight
	KW	Kcal/h							
EP-050	50	43.000	1.400 m ³ /h	230V/50Hz	0,16 kW	0785x1395x1190	510x280	150	235 kg
EP-100	100	86.000	3.400 m ³ /h	230V/50Hz	0,55 kW	1005x2105x1635	835x280	200	440 kg

Protection cages

Model	Applicable model	Dimensions (Width x length x height)
JP-050	EP-050	890x1320x1260
JP-100	EP-100	Consult us

EP-100 Model





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