



**EBAC
WOOD
DRYING
SYSTEMS**

THE MAINFRAME 2 MAINFRAME 4 WOOD DRYERS



The MF2 and MF4 are rugged, reliable wood drying systems designed for the larger wood retailer or saw-mill needing regular supplies of thoroughly dried wood with minimal delay. The units can be installed singularly or in multiples to provide drying capacity to match any need.

DURABILITY

The rigid tough frames are designed to cope with drying chamber conditions. Specially treated heat exchangers are used to prevent corrosion when drying species containing concentrations of acids, notably Oak.

EFFICIENCY

Ebac MF2 and MF4 wood dryers are installed inside the drying chamber. This means that all the heat produced as a by-product of the drying functions can be recovered and re-used continually throughout the drying run. Running costs are, therefore, low, improving your profitability by reducing costs.

COMPACTNESS

Space inside the drying chamber is at a premium, so the MF2 and MF 4 dryers are slim in shape to allow maximum space for the wood being dried.

PERFORMANCE

The MF2 and MF4 dryers incorporate design features which optimize operation in the temperature range up to 140°F (60°C). At this temperature the wood will release its moisture quickly and in safety. Operation at significantly higher temperatures requires specialized refrigerants and inevitably frequent servicing. Ebac wood dryers therefore, operate in the temperature range which is the best compromise between drying speed and machine reliability.

The design of both the MF2 and MF4 allows each unit to operate effectively at low relative humidity levels. This means that you can be sure your wood is thoroughly dried to low moisture contents, 6% if required.

EXPANDABLE

If you need for dried wood grows, so can your drying system. Users can start with a single MF unit and add more later. This arrangement means less strain on your cash flow without the danger of installing a drying system which becomes too small.

CONTROL

MF2 and MF4 wood drying systems are controlled by the Ebac MCU modular controllers, including micro-processor driven, fully programmable systems. This means that drying is accurately controlled, and you can be certain of high quality dried wood.

FULL FEATURE SYSTEMS

In addition to the basic drying and heating functions, MF systems can incorporate a number of optional features from the Ebac range of supplementary equipment, such as supplementary heaters.

To minimize further the modest running costs of MF units, drying chambers should be very well insulated. Overheating in warm weather is prevented using the Ebac venting unit.

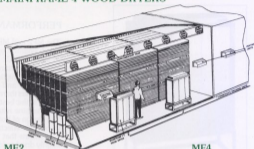
To insure even distribution of heat throughout the woodstack, it is necessary to install supplementary fans inside the drying chamber. Ebac can supply suitable fans from our range of specially selected models.



THE MAINFRAME 2 AND MAINFRAME 4 WOOD DRYERS

OPTIMUM CAPACITY

The nominal rated capacity of the MF2 when drying 1" hardwood is 5000BF (420 cu ft) and for the MF4, 10000BF (840 cu ft). The units can be installed singularly or in multiples to provide drying capacity to match any need.



SPECIFICATION

Height:	48"	(1190 mm)	61"	(1190 mm)
Width:	44"	(1100 mm)	44"	(1100 mm)
Depth:	18 1/2"	(460 mm)	18 1/2"	(460 mm)
Weight:	281 lbs.	(128 kg)	418 lbs.	(187 kg)
Airflow:	1750CFM	(3000 m ³ / hr)	3500CFM	(6000 m ³ / hr)
Drying Power:	3.5Kw (Maximum)		7.5Kw (Maximum)	
Heating Power:	4.5Kw (Used Intermittently)		9.0Kw (Used Intermittently)	
Total Power:	8.0Kw		16.5Kw	
Power Requirements:	220V / 60HZ / 1PH-30 amps 220V / 60HZ / 3PH-30 amps		220V / 60HZ / 3PH-42 amps	
Maximum Operating Temperature:	140°F	(60°C)	140°F	(60°C)
Control:	MCU Modular Control System		MCU Modular Control System	
Finish:	Epoxy / Vinyl		Epoxy / Vinyl	
Optional Equipment:	1. Venting Unit 2. Supplementary Fans		1. Venting Unit 2. Supplementary Fans	
Special Features:	1. Stainless steel drain tray for corrosion resistance. 2. Stainless steel evaporator coils. 3. Slim shape takes up little space inside the drying chamber. 4. Expandable to meet your growing needs.		1. Stainless steel drain tray for corrosion resistance. 2. Stainless steel evaporator coils. 3. Slim shape takes up little space inside the drying chamber. 4. Expandable to meet your growing needs.	



Ebac Lumber Dryers

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• Specifications subject to change without notice •