

MF2S & MF4S WOOD DRYER

SPECIFICATIONS

SPECIFICATION	MF2	MF4
Height:	48"	61"
Width:	44"	44"
Depth:	18 1/2"	18 1/2"
Weight:	281lbs	418lbs
Airflow:	1750 CFM	3500CFM
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-30amps 220V/60Hz/3ph-30amps	220V/60Hz/3ph-42amps
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 you 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 you growing needs.

OPTIMUM CAPACITY

The normal rated capacity of the MF2 when drying 1" hardwood is 5,000BF (420 cu ft), and for the MF4 10,000BF (8,400 cu ft). The units can be installed singularly or in multiples to provide drying capacity to match any need.

	MF2		MF4	
1" Hardwood	5,000BF	417 ft3	10,000BF	833 ft3
2" Hardwood	8,600BF	717 ft3	17,000BF	1,416 ft3
3" Hardwood	17,792BF	1,230 ft3	28,900BF	2,400 ft3
1" Softwood	2,500BF	208 ft3	5,000BF	417 ft3
2" Softwood	5,600BF	458 ft3	12,000BF	1,000 ft3
3" Softwood	9,300BF	777 ft3	19,200BF	1,600 ft3



PRECISION DRYING THROUGH DEHUMIDIFICATION

THE MF2 & MF4 WOOD DRYERS

The MF2 and MF4 are rugged, reliable wood drying systems designed for the larger wood retailer or sawmill 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

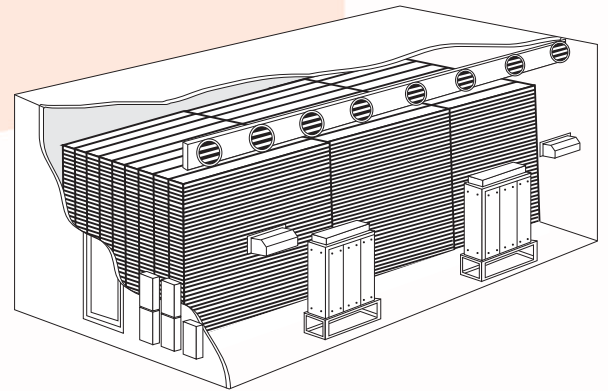
EIPL MF2 and MF4 wood dryers are installed inside the drying chamber. This means that all the heat produced as a by product of the drying functions can be recovered and re-used continually throughout the drying run. Running costs are, therefore, low, improving your profitability by reducing costs.

COMPACTNESS

Space inside the drying chamber is at a premium, so the MF2 and MF4 dryers are slim in shape to allow maximum space for the wood being dried.

PERFORMANCE

The MF2 and MF4 dryers incorporate design features which will 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. EIPL wood dryers therefore, operate in the temperature range which is the best compromise between drying speed and machine reliability.



PERFORMANCE (CONT'D)

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 EIPL MCU modular controllers, including microprocessor 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 EIPL range of supplementary equipment.

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

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



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