

SPECIFICATIONS

SPECIFICATION	MF4	MF4S
Model No.	1330900	1330500
Height (mm)	1,535	1,535
Width (mm)	1,100	1,100
Depth (mm)	460	460
Weight (kg)	180	190
Voltage	415	415
Phase	3	3
Frequency (Hz)	50	50
Current (A)	15	15
Drying Power (kW)	6.0	6.0
Heating Power (kW)	9.0	9.0
Total Power (kW)	16.0	16.0
Airflow (m3/hr)	6,000	6,000
Refrigerant	R407c	R134a
Maximum Operating Temperature (°C)	60	60
Maximum Water Extraction (l/d)	300	300
Maximum Wood Load - Depending on species and thickness (m3)	40	40

FEATURES	MF4	MF4S
Model No.	1330900	1330500
Compatible Controller	BC	BC
Twin Axial Fan	Y	Y
Stainless Steel Evaporator Coil	N	Y
Stainless Steel Drain Tray	Y	Y
Stoved Epoxy Finish	Y	Y
All Steel Construction	Y	Y
Plastic Coated Covers	Y	Y

TYPICAL DRYING CAPACITIES	MF4	MF4S
Model No.	1330900	1330500
25mm Hardwood (m3)	20	20
50mm Hardwood (m3)	48	48
70mm Hardwood (m3)	78	78
25mm Softwood (m3)	5	5
50mm Softwood (m3)	12	12
70mm Softwood (m3)	20	20

COMPETENCE IN WOOD DRYING

Drying requirements are individual, therefore, EIPL supplies custom made drying systems incorporating the MF timber dryers, which can be tailored to match your needs. The flexibility of the EIPL range means that whether your requirements are for basic system or a large industrial kiln we can provide an effective solution at a competitive price.

MF4 & MF4S TIMBER DRYER

The EIPL MF timber dryer systems utilize technology for economy, performance and longevity. Components and materials have been specially selected for corrosion resistance (tannic acid) which becomes particularly important if for instance beech or oak are being dried. EIPL dryers quickly recover their investment costs, earning you profits

The MF4 and MF4S are rugged reliable timber 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 a drying capacity to match any need.

The MF4 and MF4S dryers incorporate design features which allows operation in the temperature range of 60°C. At this temperature the wood will release its moisture quickly and safely. Operation at significantly higher temperatures requires specialized refrigerants and inevitably frequent servicing. EIPL wood dryers therefore operate in the temperature range which is best compromise between drying speed and machine reliability

The design of the MF4 and MF4S allows each unit to operate effectively at low relative humidity levels. This means you can be sure your wood is thoroughly dried to low moisture contents, ie 8% or less



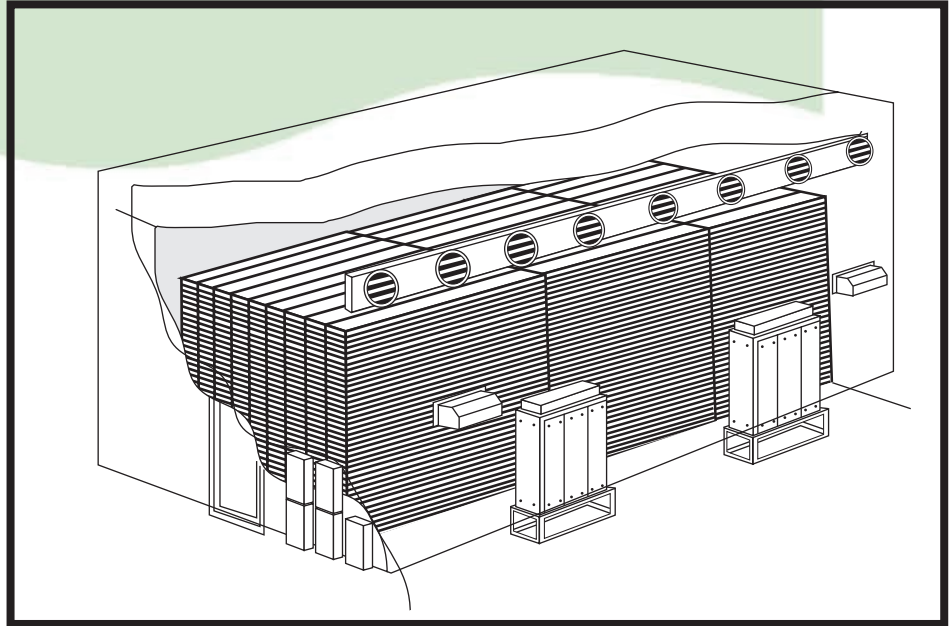
MF4 & MF4S TIMBER DRYER

ILLUSTRATED TYPICAL SYSTEM

The illustration shows a typical full drying system incorporating twin MF4 dryers. This typical system has been implemented by many sawmills and moderate sized furniture production facilities. In practice most drying systems do not require all the supplementary equipment shown.

EIPL will recommend the most appropriate equipment for each installation on a case by case basis.

Inside the drying kiln space is a premium, therefore the slim shape of the MF4 & MF4S allows the maximum possible space for wood being dried.



FLEXIBLE AND PRECISE

All MF4 and MF4S dryers are able to produce the very chamber conditions you require. To avoid degradation if must, of course, not be too harsh but just right for quick yet gentle drying. Even fresh sawn wood and difficult to dry species, such as Oak, can be dried without damage

The flexibility of EIPL technology means that almost any wood processor can take advantage of the benefits. Using the MF4 or MF4S older drying facilities can be modernized to the latest technical standard. With the help of EIPL during the planning and installation phases, drying equipment can be integrated into a "self built" chamber.

EIPL drying systems offer the correct solution at reasonable cost, together with a comprehensive back-up service.

FULL FEATURE SYSTEMS

In addition to the basic drying and heating functions, the MF4 and MF4S systems can incorporate a number of optional features from eth EIPL range of supplementary equipment. If a source or economically generated heated water is available on site, this energy can be used to heat the wood stack using a model from our range of supplementary heaters.

To minimize further the modest running costs of MF4 & MF4S drying systems, 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 wood stack, it is necessary to install supplementary fans inside the drying chamber. EIPL can supply suitable fans from a range of specially selected high temperature models.

