



AIRPLAN

Modular wood drying kit for homemade drying kiln



AIRPLAN is a fast and cost-effective solution for wood drying, with a capacity of up to 20 m³. It's a 3-in-1, ready-to-install kit designed to be installed inside a structure you build using our drawings. It includes ventilation, water spraying, heating elements, a control unit, and an electrical cabinet. Once installed, your structure becomes a complete wood-drying kiln, capable of drying up to 20 m³ of softwood in less than 4 days.

YOURS AT

€15.800

DIY - DRY IT YOURSELF

You will have everything you need to keep investment at minimum while achieving professional drying results for lumber or pallets.

KEY FEATURES

- ✓ **POWERFUL AND FAST-DRYING**
AIRPLAN is ideal for all **wood species**, with a capacity of **up to 20 m³**. It operates at high temperatures, ensuring maximum speed and efficiency.
- ✓ **ADVANCED CONTROL SYSTEM**
Equipped with a **user-friendly, touch-screen controller** that offers multiple pre tested and pre-loaded drying cycles, for optimal quality.
- ✓ **HIGH TEMPERATURE, MAXIMUM AIRFLOW**
Enables fast and efficient drying cycles **up to 75°C**, thanks to a **36 kW heating system** and three fans and motors 1.5 kW each.
- ✓ **ONE KILN DOES IT ALL**
You can dry both **hardwood** and **softwood**, efficiently perform ISPM-15 treatment for **pallets** and packaging, and quickly dry **firewood** to below 20% moisture content.



TECHNICAL DATA SPECIFICATION

AIRPLAN	
LOAD CAPACITY	Up to 20 m ³ of softwood or hardwood – 6 meters long stacks maximum Up to 276 EPAL pallet per cycle Up to 20 IBC Firewood stacks
DRYING TIME	25 mm Green Pine – 80% to 10% in approximately 3.5 days. 25 mm Green Oak – 65% to 8% in approximately 35 days 276 EPAL pallet in 4 hours 20 IBC Firewood stacks in approximately 4 days
DRYING TEMPERATURE RANGE	10°– 75° C
HEAT TREATMENT	Yes
VENTILATION SYSTEM	N° 3 600mm circulating fans; 1.5 kW each motor; airflow 12000 m ³ /h each
WATER PRAYING PIPE AND NOZZLES	2 noozles – 15 l/h each
VENTS	2 power vent system included; 500 x 310 mm with servomotor
POWER REQUIREMENTS	41 kW – 400 V 50 Hz (3-phase)
SHIPPING WEIGHT	230 kg
DIMENSIONS (H X L X W)	230 x 150 x 244 cm

AIRPLAN DRYING KIT

CONTROL UNIT



Fully automated drying cycles, with remote control and pre-loaded drying programs.

VENT SYSTEM



Expell humidity in excess with a motorized vent sistem for a controlled air exchange in the chamber

3-IN-1 MODULE



Spraying, vents, heating kit all in one integrated module, for maximum ease-of-use and installation.



AIRPLAN CHAMBER DESIGN

OUR DESIGN, YOUR STRUCTURE

AIRPLAN offers the best value-for-money solution on the market, while requiring a simple supporting structure.

We provide you with precise specifications for the size, layout, and positioning of both the structure and the AIRPLAN system.

Build a structure with the correct dimensions: this is essential to prevent turbulence and ensure proper airflow.

With the right height, consistent airflow is guaranteed even for wood stacks up to 6 meters long.

