OVENS



Drying Oven - mod. FA1





This is an **oven structure** with forced convection and indirect exchange with hot air recirculating around the electric resistances. The structure is made with bars and panels in carbon steel and galvanized steel inside, with thermic insulation with rock wool and gaskets in glass fiber. Air recirculating inside, through a helical electric fan, goes over a stretched shaft motor which is useful for high temperatures. The oven consists of swing doors with a blocking device and limit switch for when heating is occurring. The oven can be supplied with trolleys for supporting the processed products.

The **heating system** is equipped with stainless steel electrical heaters, useful for recirculated air, finned and properly arranged for an optimal thermic exchange. Checking and adjusting of temperatures are obtained by a digital thermo-regulator on the control board.

The **electrical board & PLC** have a metallic control board, equipped with a door-lock general switch, warning lights, and all the necessary requirements for the correct functionality of the machine. The checking and adjusting of the temperature, as far as utilities managing, are managed by PLC.

TECHNICAL DATA	
Working temperature	min 80°C, max 200°C
Internal / External walls	galvanized steel / painted steel
IInsulation	90 mm. of roak wool
Door	1 or 2 - silicone joint
Heating	electric - power from 12 to 36 kW
Regulator	microprocessor PID action
Extraction	1 extraction intake diam. 100 mm.
Suction	1 intake for recirculation with metallic net filter
Electric board	feeding tension 3x400V 50Hz Auxiliary tension 24VDC

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