



DS ROASTING COFFEE

The DS Roasting purifier is designed to eliminate fumes and odours generated by coffee roasting machines.



TONDAIR
AIR PURIFIER


MADE IN ITALY

DESCRIPTION OF GENERAL FUNCTIONS:

The DS Roasting purifier is designed to eliminate fumes and odours generated by coffee roasting machines.

Roasting Coffee are mobile units that are used by coffee shops that are increasingly attentive to the needs of their customers.

These machines, during the roasting process, generate fumes and odours that need to be eliminated before they are released into the indoor environment or the atmosphere.



GENERAL INDICATIONS:

The cabinet, made of painted galvanised sheet metal, is composed of three working sections:

- a settling chamber, i.e. a 100 cm collar placed on the upper part of the DS ROASTING to which the roasting unit exhaust duct is connected;
- a filtering section consisting of a metal filter to capture coarse dust, an electrostatic filter ISO UNI 16890 for removal of PM1 - PM2.5 - PM10, oil fumes, a granular carbon filter for removal of derived odours;
- a centrifugal fan with air flow rate of m³/h 420, Pa 350, electrical absorption W 120, adjustable with a manual speed variator placed on the front of the machine.

The air outlet can be connected to a 100 cm diameter collar at the front.



TECHNICAL SPECIFICATIONS:

Control electronics complete with double filter status reporting, capable of supplying several filters at the same time, contact connection to PLC or remote control at V 0 - 30, possibility of remote viewing.

Maintenance only involves cleaning the metal filter, the electrostatic filter according to the instructions in the product's service manual.

The activated carbon filter must be replaced periodically; the spent filter is to be disposed of according to regulations and then regenerated.

TECHNICAL DATA SHEET:

Unit dimensions B 690 x H 650 x L 740

Suction surface 630 x 520 mm

Air flow rate min 120, max 420 m³/h

Electrostatic filter dimensions B 510 x H 575 x L 225

Electrostatic filter weight Kg 4

Carbon filter dimensions B 680 x H 510 x B 680 x L 48

Electrostatic filter weight Kg 19.5

Max filtration efficiency 98.5%

Air flow rate 320 m³/h

Power supply V 220

Max power consumption W 380





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