TECHNICAL SHEET

CLEAN AIR 800

OIL & SWARF

The CLEAN AIR 800 industrial vacuum has been designed to purify the air in working environments and recover the oil, allowing recycling. The applications can be lathes for multiple applications, threading machines, gear cutters, grinders, cold printing machines, vegetable oil sprayers, and also typographic rotary presses (ink mists). The filtered oil is collected at the bottom of the separator and comes out of the discharge outlet. Depureco's CLEAN AIR 800 industrial vacuum is extremely compact with reduced dimensions because the electric ventilator is installed internally. This allows it to adapt to any tooling machine. Filtration is guaranteed by a special cartridge with high filtering surface (IFA-BGIA certified, M Class, 98% efficiency, Directive DIN 60335-2) coated with a brand new regenerable coalescent mattress. A combination of the two components can capture the remaining micro-mists, guaranteeing very long maintenance intervals and fewer filter replacements. The double discharge system of the recondensed lubricant-coolant ensures a perfect and effective discharge in any situation it is applied.

POWER

0,37 kW

SURFACE

60.000 cm2

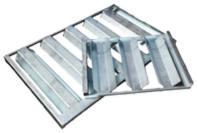
HIGHLIGHTS

BACKWARD BLADES IMPELLER

The backward curved impeller blades, specifically designed to generate a powerful coalescent effect, are primarily conceived to avoid, along all the machine's life, any phenomenon of imbalance and the subsequent vibrations. The impeller silently conveys the air flow towards the interior of the machine.

CELLULOSE FILTER CARTRIDGE

After the labyrinth pre-filter, there is a special cartridge with high filtering surface (IFA-BGIA certificate, classification M, efficiency 98%, directive DIN EN 60335-2), surrounded by a washable coalescent mat which can be regenerated via washing. The two components are able to capture the remaining micro-mist which may have accumulated inside the cartridge thus guaranteeing longer maintenance intervals and less filter replacements



LABYRINTH PRE-FILTER

After going through the impeller, the fluids go through an efficient labyrinth pre-filter. Thanks to the particular angle at which it is settled, it increases the impact area of the intake air by 20% and its subsequent separating performance.
At this stage the most of the oily mist has already been removed.

OIL DRAIN SYSTEM

The dual drainage system of the condensed coolant, provides perfect and efficient drainage in any application.

TECHNICAL DATA

ENGINE

Suction type	fan
Voltage	400 V
Maximum air flow	800 m3/h
Noise level - (EN ISO 3744)	66 dB(A)
Frequency	50/60 Hz

PRIMARY FILTER

Type	cartridge
Class EN 60335-2-69	M Class
Media	cellulose

MACHINE

Inlet	150 Ø mm
Dimensions	550 x 570 mm
Height	550
Weight	40 Kg

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS

POST H
Post-Cartridge

PRE H
Pre-Cartridge