

TECHNICAL DATA SHEET

CLEAN AIR 1200

INDUSTRIAL VACUUM

SUMP VACUUM CLEANERS FOR OIL AND CHIPS

The **CLEAN AIR 1200 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 1200 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**

0,55 kW

**SURFACE**60,000 cm²

HIGHLIGHTS



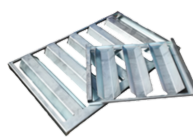
BACKWARD BLADES IMPELLER

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

MOTOR

Type	fan
Voltage	400V
Maximum air flow	1,200m ³ /h
Noise level	67dB(A)
Frequency	50/60Hz

PRIMARY FILTER

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

MACHINE

Suction inlet	150Ø mm
Dimensions	550 x 570mm
Height	550mm
Weight	41Kg

OPTIONS



AVAILABLE FILTER CLEANING SYSTEMS



POST H
Post-Cartridge



PRE H
Pre-Cartridge