

AOD



***Clean air,
high performance.***

***The AOD series,
exhaust and filter
systems for oil and
emulsion mists.***



***Air handling equipment for environmental
and health protection***

Exhaust and filter systems for oil and emulsion mists.



AOD

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Highly productive metal working processes cannot do without the use of cooling lubricants. The vapours and mists produced in such operations contain hazardous substances in critical concentrations. Vapours will also be discharged by baths that are required by the process.

Regulations issued by the state and by professional associations require the air to be clean in metal working job environments in order to prevent harmful effects on persons, machines and working rooms.

Exhaust systems of the AOD series are especially suitable for such applications. As the air is filtered it is possible to run the system in recirculating mode which allows a decentralised operation and helps reduce energy costs.

The solutions offered are characterised by its high reliability and can be tailored to specific customer requirements. They are based on a long-year experience in theory and practice and have been used in a great many of applications.

Options:

- all units are available in special steel construction
- can be equipped with explosion-proof fans
- special voltages/special frequencies
- housings can be designed to specific customer requests

Filters used:

- impingement separator
- preliminary filter
- main filter H13
- adsorption filter (optional)

Features of the AOD series:

Low noise level, compact design, high-performance fans with low power consumption, recyclable filters with high capacity, easy to operate, uncomplicated maintenance and filter change.

Fields of application:

Metal working processes with cooling lubricants (turning, milling, drilling, grinding), eroding, deep-hole drilling, oil bath exhausting

For detailed technical data, please refer to the specific information leaflets describing the equipment or consult www.ult.ag



Series AOD 220

Flow rate: max. m^3/h
Vacuum: max. 1,100 Pa
Actual flow rate: 150 m^3/h at 1,050 Pa
Power supply: 230V/50 Hz
Power input: 0.12 kW
Dimensions: 370x370x700
Weight:



Series AOD 250 FQ

Flow rate: max. 450 m^3/h
Vacuum: max. 2,600 Pa
Actual flow rate: 250 m^3/h at 2,200 Pa
Power supply: 230V/50 Hz
Power input: 0.37 kW
Dimensions: 370x500x700
Weight: 40 kg



Series AOD 1000

Flow rate: max. 1,700 m^3/h
Vacuum: max. 2,600 Pa
Actual flow rate: 1,000 m^3/h at 1,800 Pa
Power supply: 400V/50 Hz
Power input: 1.50 kW
Dimensions: 680x750x1,225
Weight: 135 kg