

ScandMist MA

METALWORKING FLUID MIST COLLECTOR



ScandMist supplies a range of heavy-duty Industrial Air Cleaners that efficiently separate oil fumes, oil mists and emulsion mists during continuous operation, and even under extreme operating conditions.

ScandMist products can be used in numerous production processes. In most cases, the polluted air is so efficiently cleaned it can be re-circulated into the production area.

Several designs and sizes of ScandMist MA are available.

ScandMist MA meets the requirements for CE-marking in the following Machine Directive: 89/392 EEG, 89/336 EEG and 73/23 EEG.

- Can be connected to several machine tools
- Designed to work continuously
- Simple and low cost to install



KITAGAWA
— EUROPE LTD —

Description

The primary and secondary free-draining filters consist of various types and combinations of filter media, and are designed specifically to handle the most demanding operating applications and processes. The unique structure of the filters allows for extreme loading of oil-fumes and oil-mist. The first filter is washable, which can contribute to low operating costs. All ScandMist units are fitted with a HEPA filter rated H13. Servicing all the filters is made easy using a secure front hatch, and a system which employs a parallelogram, ensuring repeatable airtight sealing.



Differential Pressure Gauges for each filter step indicate the filter's condition. ScandMist units are equipped with a superior all-welded Radial Fan with backward bent blades. (Sizes 70D and 100R/200D built-in).

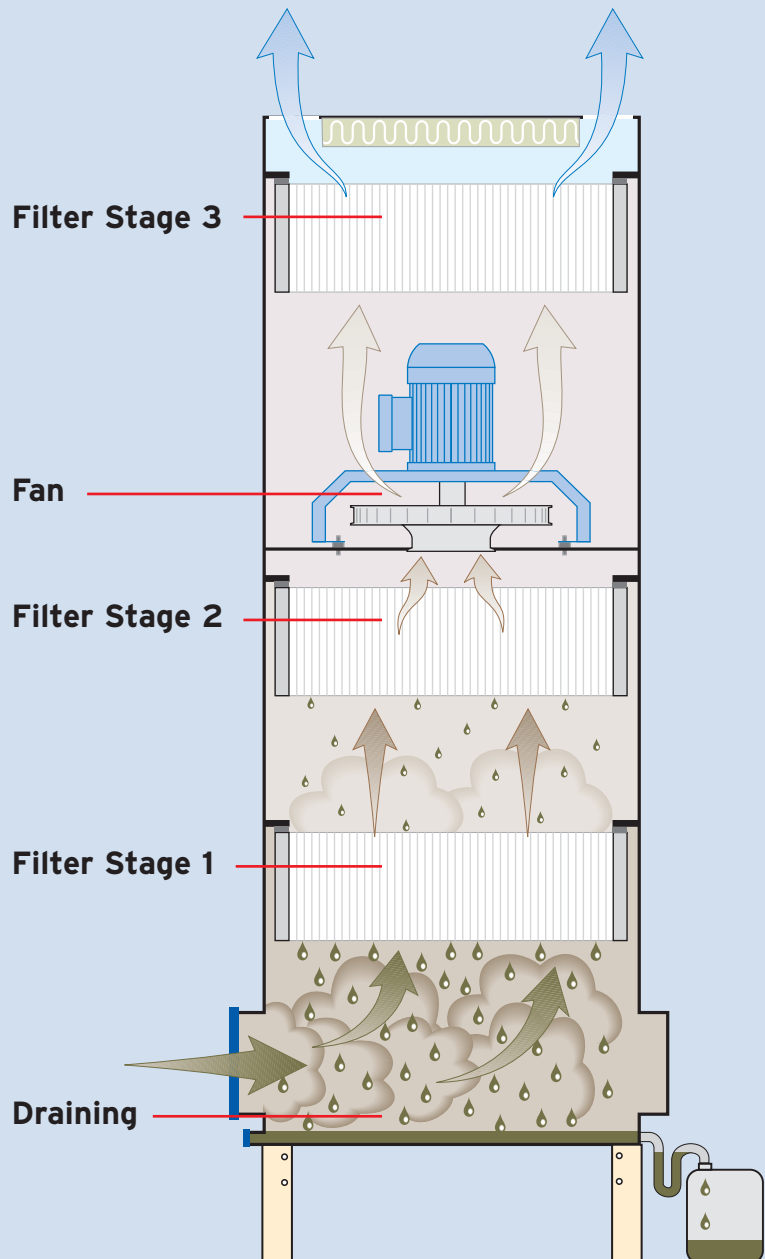


Options

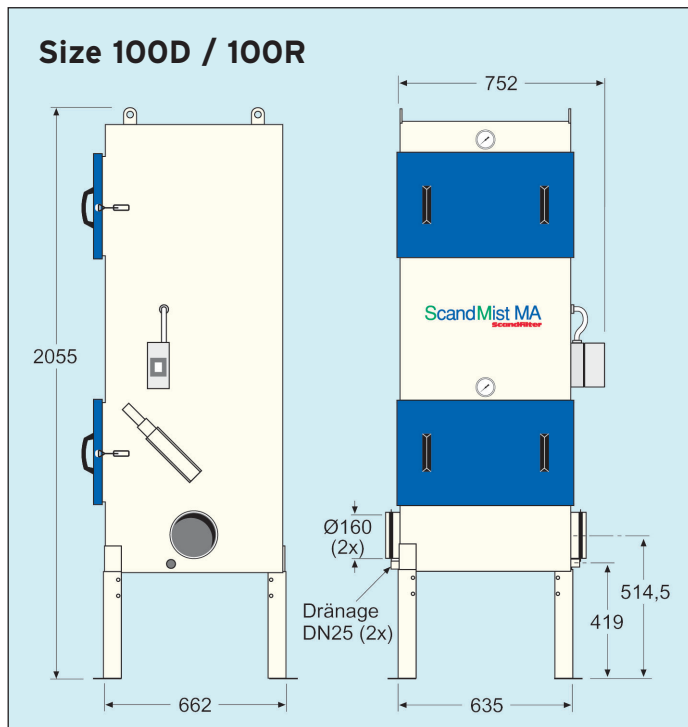
- Silencer on the Fan Exhaust
- Drain Pump and liquid level switch for separated liquid
- Module designed separators for bigger air volumes
- Can with oil/water trap



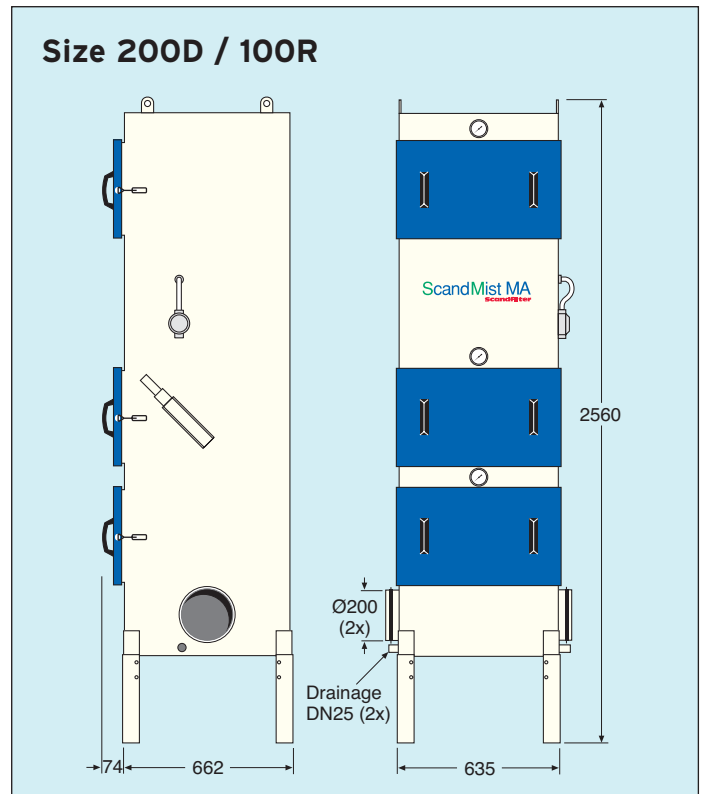
OPERATING PRINCIPLE FOR SCANDMIST 200D/100R



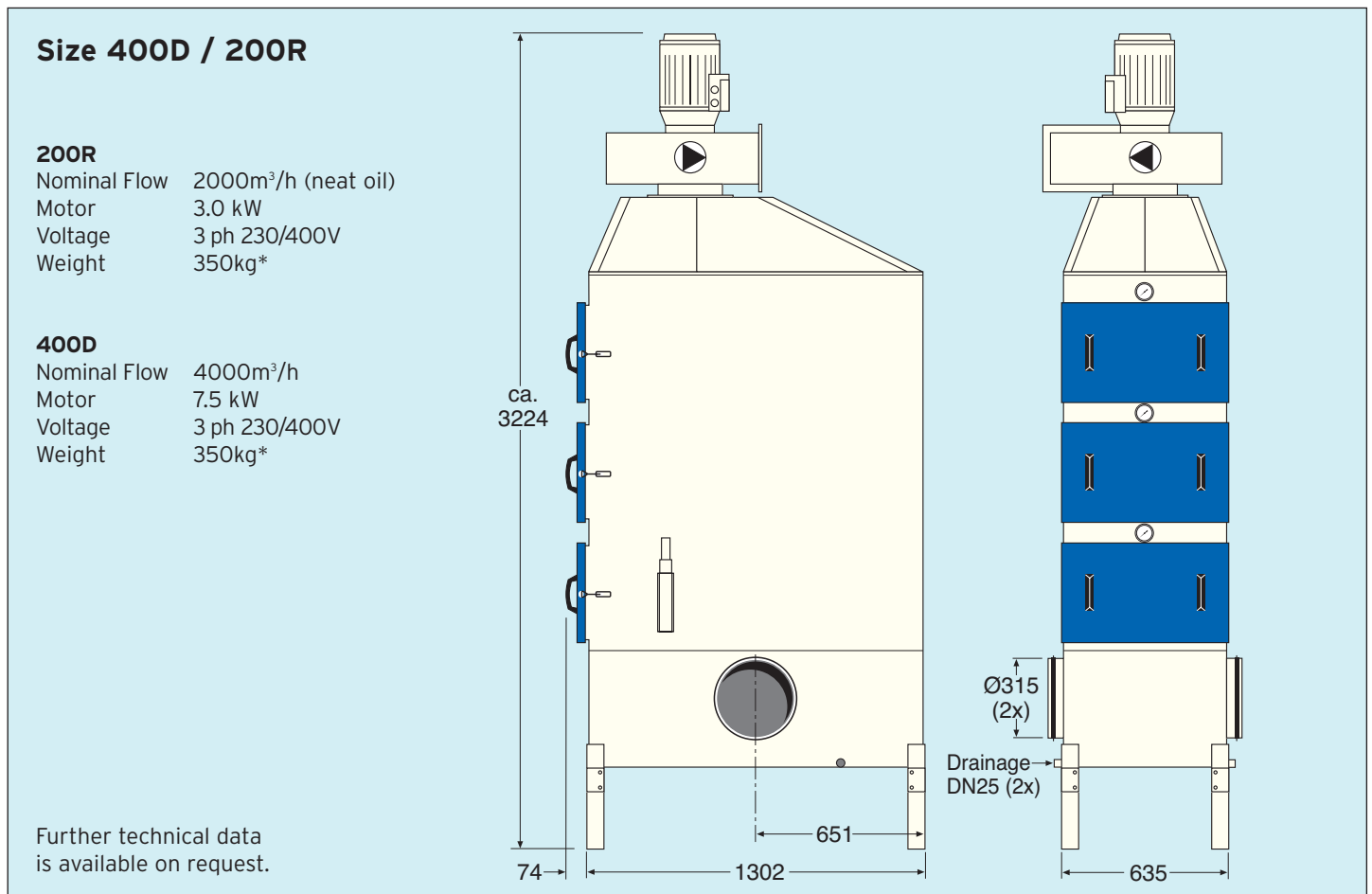
Technical Data



Nominal Flow	1000m ³ /h (oil mist and neat oil)	Voltage	3 ph 230/400V
Motor	1.1 kW	Weight	180kg*



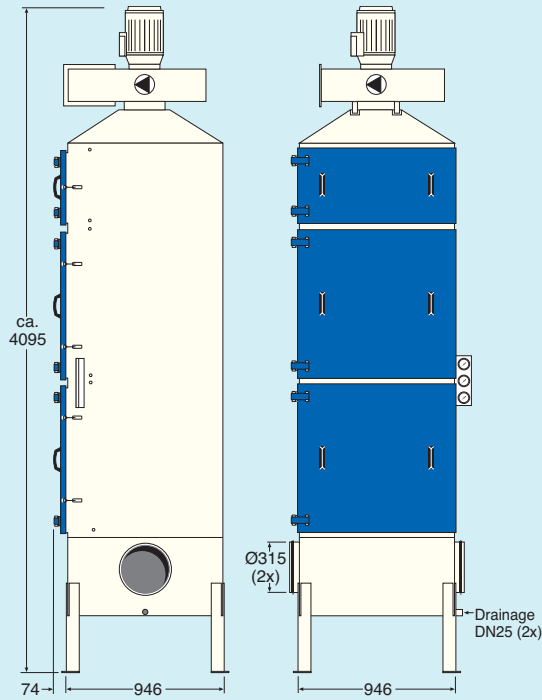
Nominal Flow	2000/1000m ³ /h (neat oil)	Voltage	3 ph 230/400V
Motor	2.2 / 1.1 kW	Weight	290kg*



Further technical data is available on request.

* All weights are quoted with dry (unused) filters

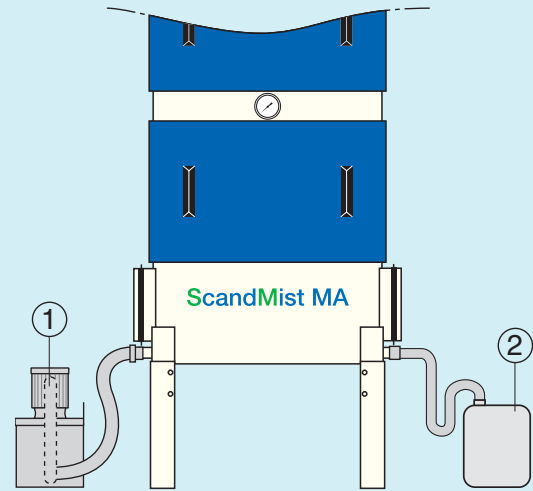
Size 350R



Nominal Flow 4000m³/h (neat oil)
Weight 600kg*

350R is available both with added or separate fan.

* All weights are quoted with dry (unused) filters



- All cleaners are delivered with inlet as well as drainage on both left and right hand side.
- Alternative with internal fan has the electric motor wired to a junction box on outside.
- Drainage can be provided with the following:
 - ① Pump and liquid level switch for removal of separated liquid.
 - ② Can with oil/water trap for separated liquid.

ScandMist MA Module Design

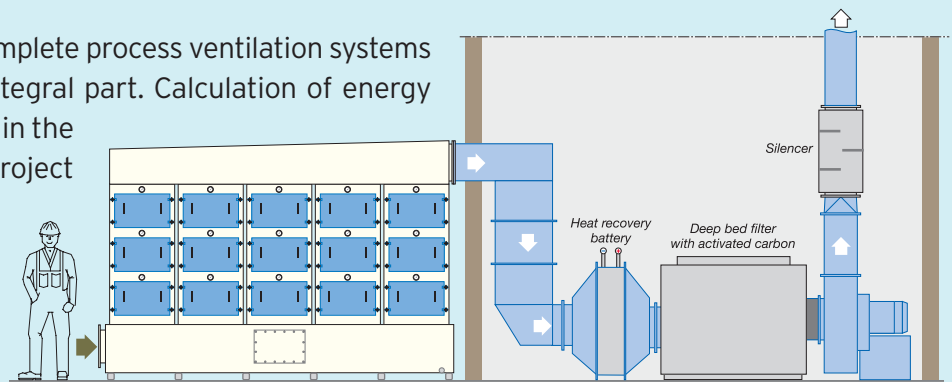
At larger air volumes or when more machine tools are connected to one central cleaner, a number of ScandMist MA modules can be installed to one common inlet. In the same way, the outlets are connected to one common fan.



Systems

In addition to products, we also offer complete process ventilation systems where the ScandMist constitutes an integral part. Calculation of energy savings and heat recovery are included in the system. We take full responsibility for project management, manufacturing, delivery, installation and final adjustment.

Please contact us for proposals and quotations.



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