

# ScandMist R Series

## Applications



## Filter Class

H



## KEY FACTS

- Effective removal of oil smoke
- For air flows from 400 – 4000 m<sup>3</sup>/h
- Final HEPA filter stage for clinically clean air
- Long filter life
- Versatile, modular system
- Energy efficient EC motor
- Harting connectors for simple electrical installation
- Remote power on/off
- Signal output for filter life analysis

## DESIGN

A fan driven by an EC motor pulls the contaminated air through one or two coalescer stages, before a final high efficiency phase. Pressure manometers monitor the performance of each stage and an optional integrated pump returns the oil for reuse. The durable, metal housing is powder-coated inside and outside in RAL 9010.

## APPLICATIONS

For the removal of oil smoke in industrial environments, such as turning, grinding, milling and other CNC applications.

# ScandMist R Series

## PERFORMANCE DATA

Article No.	Nominal Flow	Coalescing Stages	Input/Output Signal	Fan/EC Motor Power
	<b>m<sup>3</sup>/h</b>			<b>kW</b>
70R OEM	700	1 + Demister	✓	1.18
100R OEM MD	1000	1 + Demister	✓	3.7
100R	1000	2	✓	3.7
100R OEM	1000	2	✓	3.7
200R	2000	2	✓	3.7 x 2
350R	4000	2	✓	5.5 (IE3)

## SCANDMIST HIGH CAPACITY SYSTEMS

ScandMist high capacity platforms manage the oil mist and smoke emissions from a number of CNC machines, and are particularly popular in high-volume manufacturing environments that require filtration systems for entire production lines.

These high capacity systems are designed to operate as part of a local ventilation system and can handle air flows from 6,000 m<sup>3</sup>/h to over 100,000 m<sup>3</sup>/h.

