



Oil Mist Collectors

SERIES
FX SERIES



Filtermist units efficiently remove oil & coolant mist, fume and steam in thousands of manufacturing operations around the world

Compact | Quiet | Efficient



**MACHINE
TOOLS**
www.AMTmachine.com

Why use Filtermist units ▶

- Oil mist is hazardous to your health.
- Oil mist causes slippery floors and can cause damage to electrical switchgear and circuitry.
- Oil mist can lead to coating of ventilation pipes, a potential fire risk.
- Official regulations are becoming increasingly stringent.
- Reduce energy and heating costs by recycling clean air back into the factory.
- No expensive media filters to replace results in low maintenance costs.

How Filtermist units work ▶

- 1 Oil mist is removed at source
- 2 Oil mist is removed from the air by centrifugal impaction
- 3 Clean oil is returned to machine
- 4 Clean air is returned to workplace
- 5 Smoke and fume can be removed and efficiency increased with the addition of a clip-on afterfilter

A perforated drum with specially designed vanes rotates at high speed. Oil mist is drawn into the unit and impacts on its vanes at high velocity. Special drum pads assist the coalescing process and filter out stray solid particles.

Centrifugal force pushes oil to the unit's outer case where it drains back to the machine for re-use or collection and clean air is returned to the workshop through the top of the unit.



Proven experience ▶

Filtermist International has over 40 years experience in providing oil mist extraction systems around the world.

Filtermist has worked alongside government research institutes and global machine manufacturers to develop the most well-known and well-used oil mist extraction system in the world.

Filtermist units are in operation on tens of thousands of applications, from high precision CNC machining centres to traditional open grinders.

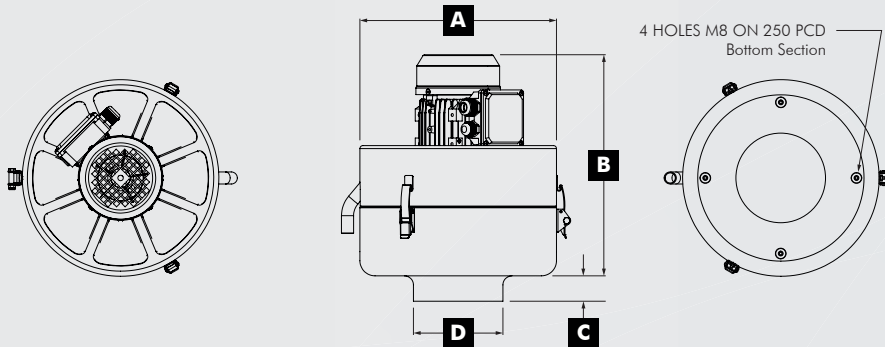
Filtermist is an industry standard from aerospace to medical and automotive to food processing.

Units are available in mild steel and stainless steel with dozens of installation accessories to create turnkey solutions for almost any type of oil mist problem.

With over 150,000 units in daily use, Filtermist is backed up by an extensive spares and support network, with 35 distributors covering over 50 countries.

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Over 150,000 units are in daily use

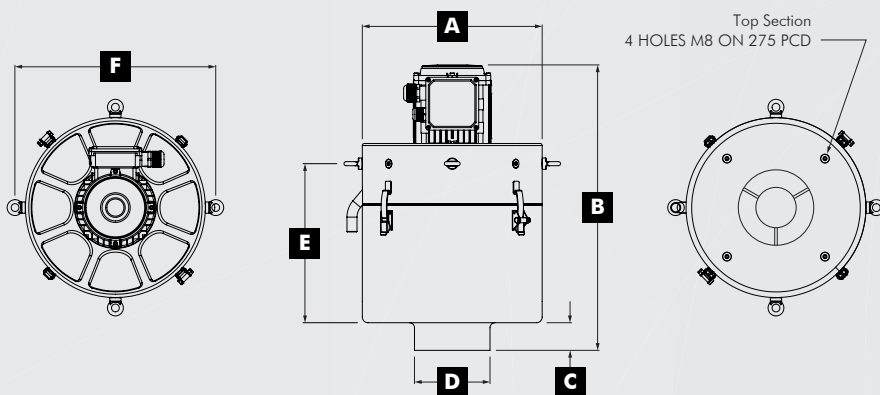
Compact | Quiet | Efficient



The new compact S series with airflows from 125 cfm to 550 cfm



Model	Airflow cfm	Motor ¹	A mm	B mm	C mm	D mm	Weight kg	Noise ² dBA
S200	125	0.18kW 60Hz 220v, 230v, 240v, 440v, 460v, 480v	260	302	30	73	9	62
S400	295	0.55kW 60Hz 220v, 230v, 240v, 440v, 460v, 480v	325	401	35	148	14	65
S800	550	0.55kW 60Hz 220v, 230v, 240v, 440v, 460v, 480v	325	453	35	148	15	67

FX SERIES


The Filtermist FX series has 3 models from 900 cfm to 1400 cfm



Model	Airflow cfm	Motor ¹	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg	Noise ² dBA
FX4002	900	1.5kW 60Hz 200v, 220v, 230v, 440v, 460v, 480v	357	540	35	148	309	398	24	70
FX5002	1200	2.2kW 60Hz 200v, 220v, 230v, 440v, 460v, 480v	357	639	35	198	378	398	29	71
FX6002	1400	2.2kW 60Hz 200v, 220v, 230v, 440v, 460v, 480v	438	643	35	198	432	485	34	73

¹ Motors to be used on specified voltages only.

² Results are in test conditions ± 3% tolerance. Local variations and in use conditions may affect readings.



Efficient oil mist removal

Proven reliability since 1969



EDM / Spark Erosion



Grinding



Machining Centres



Industrial Saws



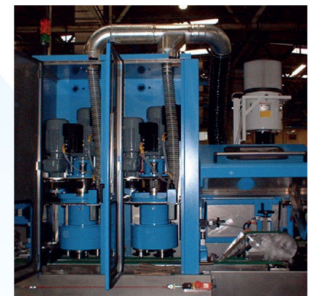
Food Processing



Lathes



Parts Washing



Special Purpose

Filtermist Customers Include

- | | | |
|---------------------|----------------|----------------|
| ABB | GE | Okuma |
| AEG | General Motors | Panasonic |
| Airbus Industrie | Hardinge | Phillips |
| BAE Systems | Honda | Peugeot |
| Black & Decker | Hyundai | Renault |
| BMW | Ingersoll Rand | Rolls Royce |
| Borg Warner | John Deere | Samsung |
| Bosch | Kawasaki | Siemens |
| Caterpillar | Koyo | Timken |
| Cincinnati Milacron | Lufthansa | Toyota |
| Dana Corporation | Makino | TRW |
| Doosan | Mercedes Benz | Volkswagen |
| Eaton Corporation | Mitsubishi | Yamazaki Mazak |
| Fiat | Nissan | Zanussi |
| Ford | NSK | Zeiss |

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