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

Protecting People
Cleaner, safer, more productive workshops

Filtermist Customers Include

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

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An Absolent Group Company

EN 2.00

Grinding
EDM / Spark Erosion
Machining Centres
Industrial Saws

Food Processing
Parts Washing
Lathes

The compact S series with airflows from 180m³/hr to 950m³/hr

<table>
<thead>
<tr>
<th>Model</th>
<th>Model No.</th>
<th>Airflow m³/hr</th>
<th>Motor 1</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
<th>Weight (kg)</th>
<th>Noise (dBA)</th>
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</thead>
<tbody>
<tr>
<td>S200</td>
<td>S200</td>
<td>180 @ 50Hz</td>
<td>0.18kW</td>
<td>260</td>
<td>302</td>
<td>30</td>
<td>73</td>
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<tr>
<td></td>
<td></td>
<td>215 @ 60Hz</td>
<td>0.18kW</td>
<td>260</td>
<td>302</td>
<td>30</td>
<td>73</td>
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<td>62</td>
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<tr>
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</tbody>
</table>

The Filtermist FX series has four models with airflows from 1250m³/hr to 2750m³/hr

<table>
<thead>
<tr>
<th>Model</th>
<th>Model No.</th>
<th>Airflow m³/hr</th>
<th>Motor 1</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
<th>E (mm)</th>
<th>F (mm)</th>
<th>Weight (kg)</th>
<th>Noise (dBA)</th>
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<tbody>
<tr>
<td>FX400</td>
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<td>1250 @ 50Hz</td>
<td>1.1kW</td>
<td>357</td>
<td>544</td>
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<td>148</td>
<td>309</td>
<td>398</td>
<td>25.8</td>
<td>70</td>
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<tr>
<td></td>
<td></td>
<td>1500 @ 60Hz</td>
<td>1.5kW</td>
<td>357</td>
<td>544</td>
<td>35</td>
<td>148</td>
<td>309</td>
<td>398</td>
<td>25.8</td>
<td>70</td>
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<tr>
<td></td>
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<td>200v, 220v, 380v, 400v, 415v</td>
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<tr>
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<td></td>
<td>1675 @ 50Hz</td>
<td>1.5kW</td>
<td>357</td>
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<td></td>
<td></td>
<td>2000 @ 60Hz</td>
<td>2.2kW</td>
<td>357</td>
<td>634.5</td>
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<td>198</td>
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<td>398</td>
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<td>200v, 220v, 230v, 440v, 460v, 480v</td>
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<td>2750 @ 50Hz</td>
<td>2.2kW</td>
<td>438</td>
<td>638.5</td>
<td>35</td>
<td>198</td>
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<td>485</td>
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<td>73</td>
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<tr>
<td></td>
<td></td>
<td>2400 @ 60Hz</td>
<td>2.2kW</td>
<td>438</td>
<td>638.5</td>
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<td>198</td>
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<tr>
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<td>438</td>
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<td>35</td>
<td>198</td>
<td>432</td>
<td>485</td>
<td>36.8</td>
<td>73</td>
</tr>
</tbody>
</table>

Filtermist Customers Include

IE3 MOTOR
INTERNATIONAL EFFICIENCY

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

Compact | Quiet | Efficient
Why Use Filtermist Units

- Oil mist is hazardous to 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 around the world
- Filtermist units help to reduce energy and heating costs by recycling clean air back into the factory
- No expensive media filters to replace meaning 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. Oil mist is removed to machine filter
4. Oil mist is removed to workplace
5. Oil mist is reduced to a reasonable level designed to make servicing simple.

Proven Experience

UK manufacturer, Filtermist International Ltd, has almost 50 years’ experience in providing effective oil mist extraction systems.

Filtermist has worked alongside government research institutes and global machine manufacturers to develop the most robust 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 and automotive, to food processing and medical device manufacture.

Filtermist units are trusted by world leading manufacturers to protect people from harmful airborne oil mist particles.

Floor Local support in more than 60 countries worldwide

Mounting Options

Direct Mounting

The compact and lightweight design of Filtermist units means they can also be directly mounted on enclosed machine tools - saving valuable floor space and removing the need for additional brackets.

Machine Tool Stands

Three useful stands are designed to fit directly onto the machine tool where floor space is at a premium. Each stands takes the location, application, and suitability for the machine into account. Machine Tool Stands are available for S Series and FX Series units.

Compact Cyclone

Filtermist cyclones are designed to reduce dust and sweat before it enters the extraction unit.

Afterfilters

Afterfilters are designed for the removal of oil smoke and any residual fine particles. Afterfilters are sometimes used in conjunction with the Filtermist unit to reduce air pollution levels where a dust extraction system is already installed.

Accessories

The Filtermist system is complemented by numerous accessories to suit your installation.

Maintenance Kits

Filtermist provides a range of easy to fit, low cost service and maintenance kits. Filtermist's monitoring system uses colour coded warning lights to alert operators when filters need servicing, or if any of the filters are blocked. Filtermist advises that its units should be serviced every 1000 hours they are in use.

If Monitor can be retro-fitted to the complete Filtermist range and is an optional accessory on all Filtermist units. As well as being compatible with all Filtermist oil mist and cyclone units, Monitor can also be used to monitor air flow in other types of air extraction and filtration systems.