

VAPOUR AND COOLANT MIST FILTER



**The easiest way to eliminate
Vapour mist at source**

Cost effective
oil mist
removal



Easy to install
and maintain



Low energy
consumption



Best in quality
and prices



Made in India





Vaporx

Stainless Steel Vapor Mist Collector

Airpel stainless steel version of its VAPORX mist filter has been developed to cope with high temperatures and the volume of steam produced by applications such as front loading parts washers. The rotary washer heats a water based detergent solution to around 75 degrees and pumps it through distribution to spray-clean the parts as they are rotated inside the washer.

When an operative needs to open the machine, the heat and steam needs to be safely removed first. At the end of the wash cycle the mist filter unit starts up and extracts the heat and steam through the side of the washer. As the steam is drawn through the unit it impacts against rotating impellers, while cool air is pulled in through an open vent to aid the condensing process. The collected water is returned to the machine chamber, whilst the heat is dispersed through the top of the filter.

"the very first mist filters we tested couldn't withstand the temperature or corrosiveness of the vapor. The current stainless steel version performs well and has proved to be reliable."

The mist collector exhaust system removes steam from the interior of the machine and vents directly to room atmosphere. Cooler room air is mixed with air from the wash system to assist in reducing moisture in exhaust air. Mist collectors can be used in place of conventional exhaust fans and do not require external ducting.



Application

Heat and steam needs to be removed from washing and degreasing equipment to prevent it from entering the workshop atmosphere.

Washing, degreasing and ultrasonic equipment

Airpel has supplied a high temperature, corrosion resistant version of its renowned mist filter unit for the fast removal of steam from powerful aqueous cleaning machines.

Food Processing

Stainless Steel VAPORX oil mist eliminators are available to extract vegetable and food oils from Food Processing applications.

Solution

Stainless steel VAPORX mist filters remove the heat and steam at source and successfully withstand the highly corrosive environment.

Airpel filters are available in three sizes



VX - 1000

Designed for small to medium sized machines and has an airflow of 1000 CMH



VX - 1500

Designed for medium sized machines and has an airflow of 1500 CMH



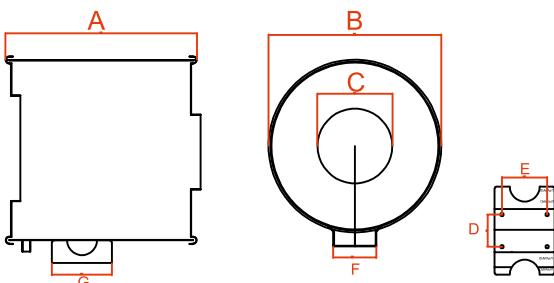
VX - 2000

Designed for small to large sized machines and has an airflow of 2000 CMH

Technical Data

Model	Air Flow M ³ /Hr.	Motor	A	Dimension Diameter X Height	Intake DIA	Weight KG	Noise DBA
VX- 1000	1000 CMH	0.55 kw	450	465 mm X 300 mm	160 mm	25 kg	70 dBA
VX- 1500	1500 CMH	0.75 kw	450	465 mm X 410 mm	160 mm	28 kg	72 dBA
VX- 2000	2000 CMH	1.1 kw	450	465 mm x 500 mm	200 mm	32 kg	72 dBA

VaporX Mist Collector Dimensions



Model No.	A	B	C	D	E	F	G
VX-1000	340	460	160	80	80	110	110
VX-1500	420	460	160	85	120	115	160
vx-2000	520	460	200	85	120	115	160

AIR PEL TECHNIC
BREATHE GREEN

www.airpeloilmist.com



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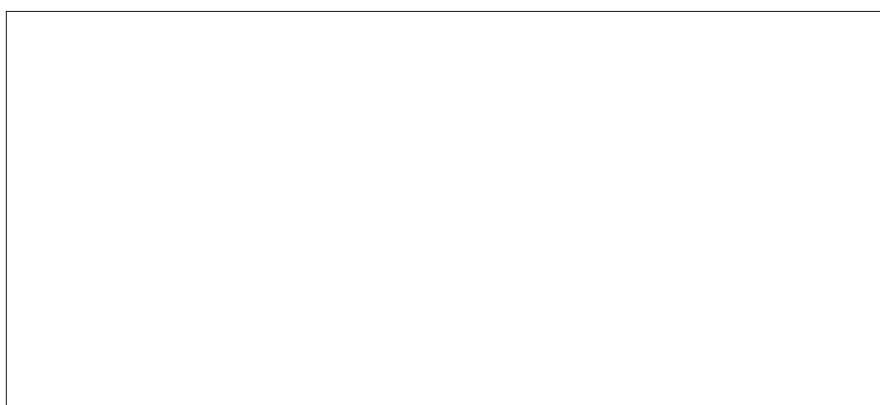


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for a range of
manufacturing
operations

- | COMPONENT WASHER
- | PICKLING PROCESS
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