



MIST ELIMINATORS

NOTHING ESCAPES

REX - 500 / 700 / 1100



REX - 2000 / 4000



Mist eliminators at the best... Engineered to overcome many of the short falls of other technologies and designs. The design minimizes the reliance on filters, provides exceptional fluid drainage, suitable for high mist applications, exceptional air quality, low maintenance and life-cycle cost.

Mist eliminators that will contribute to the bottom line... After all, an unclean plant is an expensive plant, both to employees and operating costs. Contaminated air causes health problems, absenteeism, increased equipment maintenance and housekeeping, all translates to productions and profit losses.

Mist eliminators that exceeds plant limits by broad margins... Don't be mislead by efficiency claims, it is easy to be 99% efficient by removing large droplets, yet exhaust air remains above today's air quality demands. Exhaust mist measurement is what matters!

Aeroex units are... typically less than 0.020 mg/m³, recommended plant limit 0.5 mg/m³... Let our sales experts show you.



Aeroex Advantages

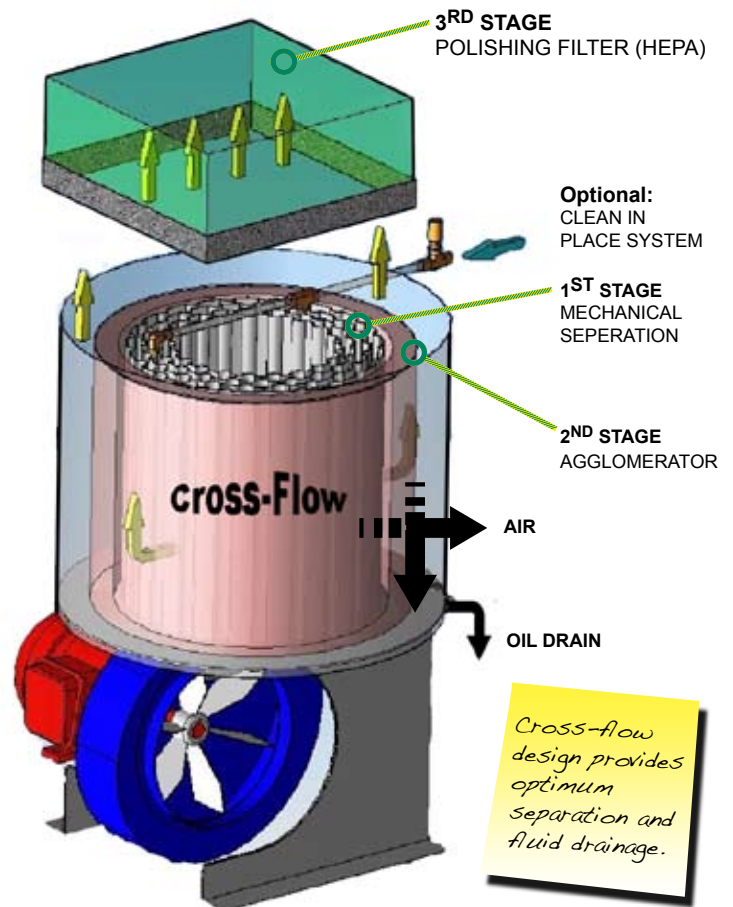
- ◆ Removes mist, smoke and bacteria.
- ◆ Over 90% of mist is separated without filters.
- ◆ Unique permanent 2nd stage agglomerator filter.
- ◆ Fluid readily drains to reduce evaporation & odors.
- ◆ High solids tolerance.
- ◆ 24/7 operation - no down time.
- ◆ Low life-cycle costs.
- ◆ Machine mount and Central systems.



Leading metalworking emissions solutions

Aeroex Mist Eliminators Features Cross Flow Design

The cross flow design provides optimum separation and oil drainage, which is more efficient than up-flow filter designs. The dirty air flows horizontally in stages 1 and 2 allowing the oil to drain downward. In up-flow design, the oil must drip directly into the air flow and even onto filters below.



The 1st stage innovative mechanical elements separates over 90% of the mist and solids. The fluid quickly drains out of the air flow, reducing evaporation and odors.

The 2nd stage agglomerator is a unique depth filter, layers of stainless steel wire mesh weaved with oil attracting fibers. Efficiency is high as the air travels through a bed of coarse and fine fibers at a low velocity. Channels between each layer provide exceptional fluid drainage. Optional is a Clean In Place (CIP) system for flushing out congealed coolant concentrate and fine solids. Alternatively, the media can be cleaned in place with coolant or water hose. On most applications, cleaning is only every 2 years. The media is very durable, lasting up to 10 years.

The 3rd stage polishing filter or HEPA is a polishing filter to capture sub-micron mist, smoke and bacteria. Typical life is 1 – 3 years.

Model	cfm	hp	Voltage	Dimensions	Weight	Duct Conn
REX-500	500	0.5	115/230/460/575	24"x24"x41" ht	160 lbs.	6"
REX-700	700	1.0	230/460/575	24"x24"x47" ht	210 lbs.	6"
REX-1100	1100	3.0	230/460/575	29"x29"x51" ht	300 lbs.	8"
REX-2000	2000	5.0	230/460/575	55"x32"x50" ht	380 lbs.	10"
REX-4000	4000	7.5	230/460/575	82"x45"x37" ht	650 lbs.	12"

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