



Increasing Production Through Waste Reduction

Ph. (800) 242-0525 (USA) * local Ph. (440) 647-3300 * Fax (440) 647-2400 * E-mail: edjetechn@edjetechn.com

ELIMINATE MIST IN THE SHOP!

**Proud
Distributor
Of**

AEROEX[®]
OIL MIST SEPARATORS



Aeroex Oil Mist Eliminators

Aeroex systems efficiently and cost effectively solves environmental problems associated with oil mist emissions in the metalworking industry, as well as other applications where aerosols must be captured. The units feature a unique patented mechanical pre-separation and a permanent self-draining media that maintains constant high separation efficiency. There are **no consumables** and maintenance is minimal to none.

What does the oil mist separator remove?

Aerosols ~ Liquids ~ Oils ~ Water ~ Emulsions

The Aeroex axial oil separation product line features a unique patented mechanical pre-separation and permanent self-draining media, called agglomerator that maintains constant high separation efficiency.

The first stage of mechanical separation, coaxial tubes forming 3 stages of separation, separates 75-85% of the oil mist, particles above 1 micron. The agglomerator media captures the smaller oil droplets down to 0.5 microns, producing a total system efficiency of up to 98%. The oil droplet agglomerator functions best once wet oil, using the oil bath principle, fine droplets are absorbed into the oil in the media.

The Aeroex axial mist separator is one of few that is truly self-draining, designed for 24/7 operation. The cylinder design creates a high media surface area to air flow ratio thus a low air velocity preventing mist to be carried off the media. The oil drains down vertical and not into the airflow like many flat media filters.

For more information

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3nine® Oil Mist Separators



LINA – 350 cfm



CLARA-700 cfm



EMMA-1,800 cfm

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- **Cleaning efficiency up to 99.9%**
- **Very high separation performance – >50 times more efficient than a cyclone**
- **Continuous, maintenance free operation – no filters to change**
- **Continuous removal/recirculation of separated media**
- **Insensitive to contamination load – no pressure drops and clogged filters**
- **Handles liquid and solid particles** in one operation – suits most processes
- **Significantly reduced evaporation** compared to filters
- **Small footprint**
- **No duct work** – no obstacle for lifting devices. Easier to rearrange machine locations
- **Easy installation** – a couple of bolts, that is all
- **No cleaning of pipes** – reduced leakage in workshop
- **Continuos recirculation** of separated media to metalworking machine
- **Clean In Place (CIP)** System available