



Manufacturing Forward



AUTHORIZED MIKROPOR DISTRIBUTOR

www.mikroporamerica.com



mikropor



Mikropor America Inc., headquartered in Michigan City, Indiana, a subsidiary of Mikropor Inc. offers a broad range of engineered solutions for the compressed air industry such as: **Refrigerated and Desiccant Air Dryers, Nitrogen Generators, Air/Oil Separators, Compressed Air Filtration, Air Intake Filters, Oil Filtration**, and aftermarket replacement filtration elements for compressed air. With foundation in 2011, 75,000 Sq Ft facility was established to locally serve North America's customer base of distribution and OEM partners. Mikropor America Inc. is also **a member of the Compressed Air and Gas Institute (CAGI)**.

Mikropor America Inc.

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ELM Series (150 scfm - 12000 scfm)

High Efficiency Mist Eliminator Air Filters

Applications include

- Capturing oil fog, mist, or smoke from exhaust and pressure unloading vents on oil flooded compressors, vacuum pumps and blowers
- Any application requiring Low Delta P coalescing of large air volumes
- Vacuum Freeze Drying
- Vacuum Out - Gasing and Vacuum Coating
- Food Processing
- Nailers/Staplers
- Industrial Vacuum Processes
- Cement & Paper Processing

Design

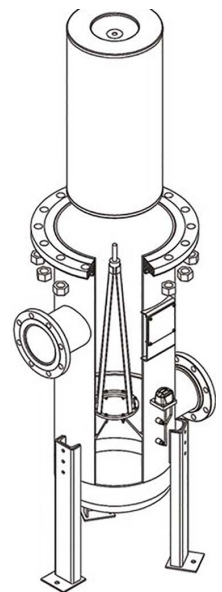
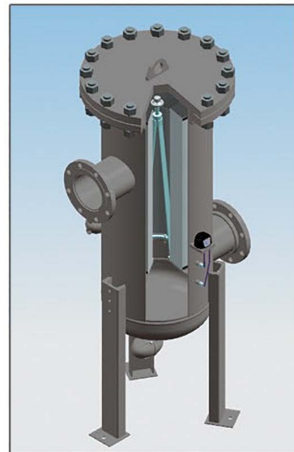
Mist Eliminators are designed to meet the demand for:

- Efficient removal of oil-mist carryover from piston or oil flooded rotary compressors
- Long service life
- Strength to withstand strenuous operating conditions
- Protection from oil slugs or compressor Air/ Oil separator failure



Features

- Very Low pressure drop
- Large oil catching efficiency
- Easy field cleaning
- Positive sealing O-rings
- Temperature (continuous) 36°F min. 176°F max.
- Auto Float Drain is Standard
- Multiple drain Style Options Available
- Pressure Rating of 200 psi
- Removal of particles down to 0.01 micron including coalesced liquid water and oil providing a maximum remaining oil aerosol content of 0.01 ppm
- Increased surface area in a given volume allows low velocity separation of ultra fine oil mist
- Elements are grounded to canister minimizing static electricity problems



Mist Eliminator Element

- Ultra low pressure drop reduces energy costs.
- Positive gasket seals eliminate media bypass
- Filter change out differential 2.5 psi
- True Air / Oil Separator
- Long service life

