

# ZeroMist™ OM600

## Specifications



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- (1) First/Second stage fiber bed filter with self-draining media
- (1) Third stage HEPA H13 filter, 99.95% efficient at 0.3 microns
- Self draining filters allow for capture and reuse of oil
- Integrated 1 in NPT drain on bottom of plenum
- Optional return pumping system
- (1) 3/4" EMT conduit electrical connection standard
- NEMA 12 Electrical Enclosure (optional)
- System height of 85"
- Weight of unit: 450 lbs
- Industrial powder-coat paint finish
- Built in acoustical lining.
- 62 dB Noise at OSHA standard at 5ft.
- UL 508A Approved control panel (optional)
- CSA C22.2 No. 14 Approved control panel (optional)

### Ergonomics

- Easy access controls and display per OSHA specifications
- Low maintenance requirements
- No tools required for maintenance
- Integrated Silencer, Quiet enough for normal conversations
- Removable filter doors with lift off hinges and keyless / tool-less access

### Green Features

- Longest filter life in the industry
- Cleanest air in the industry: fiber bed filter design combined with H13 HEPA filtration cleans the air beyond OSHA standards
- Powder Coating has no VOCs or off gasing
- 100% Recycled Steel
- True air cleaning means no ventilation to the outside
- Economizer Option: automatic starting and shut down feature
- Motor Option: Upgrade to a premium efficiency motor
- Variable Frequency Drive (VFD) Option: Reduced power consumption with integrated soft starting feature
- Maximum efficiency is achieved through proper air speed control using the Variable Frequency Drive
- Optional return pump for automatic lubricant recycling

### Options

- Return Pumping System with 12" leg extensions
- Premium Efficiency Motor
- Custom Color Powder Coating Finish
- Central Control Panel
- Variable Frequency Drive
- UL 508A approved control panel
- CSA C22.2 No. 14 approved control panel
- NEMA 12 Electrical Enclosure

### Blower & Motor

- Blower: Backward inclined, air foil high efficiency plug type
- Direct drive, no belts or chains
- Three phase or single phase input power
  - 3 Ph: 208V (6.6A), 230V (6A), 460V (3A)
  - 1 Ph: 120V (20A), 208V (13.2A), 230V (12A), other voltages available
- 1.5 HP
- 3,450 RPM motor
- Air volume of 600 CFM



- 1 HEPA H13 Filter
- 2 Motor/Blower Noise Abatement
- 3 Stage 1/2 Coalescing Fiber Bed Media
- 4 Large Handle Compression Latches and Removeable Door
- 5 Dual Entry Plenum
- 6 Anchorable Legs