ZeroMist™ OM1200

Specifications

CLEAN AIR AMERICA, INC.

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Filter Cartridges:
(1) First stage fiber bed filter with self-draining media
(1) Second stage fiber bed filter with self draining media
(1) Third stage HEPA H13 filter, 99.95% efficient at 0.3 microns

Filter Media: (2) Deep Fiber Bed Filters, (1) 99.995% Efficiency HEPA

Air Flow: 1,200 CFM

Motor Power: 3 HP

Weight: 950

Ergonomics

- Easy access controls and display per OSHA specifications
- Low maintenance requirements
- No tools required for maintenance
- Quiet enough for normal conversations
- Easy access filter doors with keyless / tooless access
- NEMA 12 Electrical Enclosure

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 = no outside venting
- Economizer Option: Automatic starting and shut down feature
- Premium efficiency motor
- Variable Frequency Drive (VFD) Option: Reduced power consumption with integrated soft starting feature

· Maximum efficiency is achieved through proper air spead control using the VFD

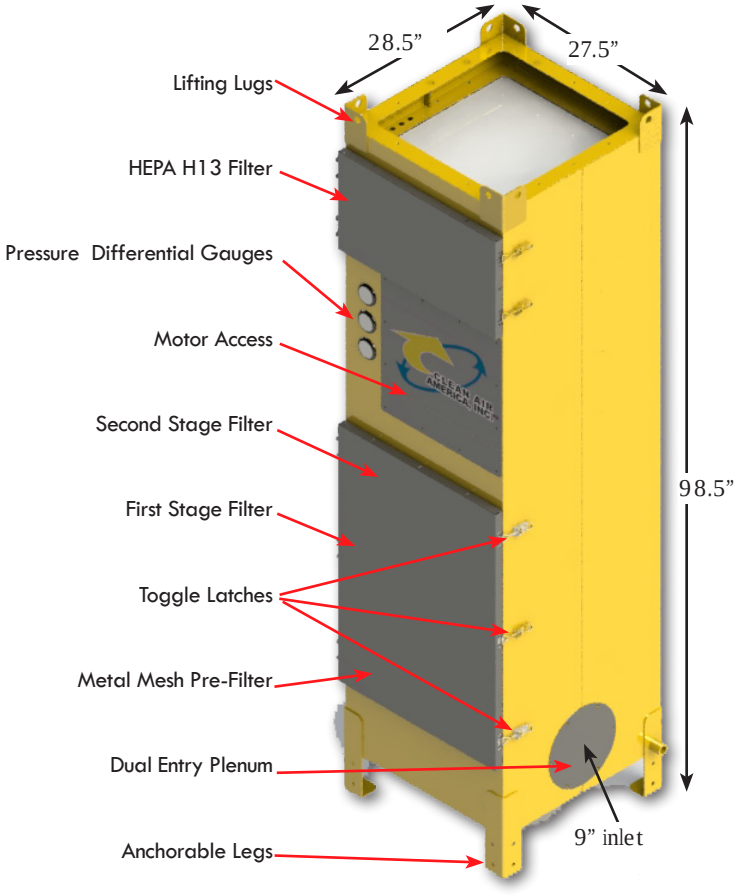
· Optional return pump for automatic lubricant recycling

Options

- Return Pumping System with 22" leg extentions
- Custom Color Powder Coating Finish
- Variable Frequency Drive

Options

- 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 (11A), 230V (10A), 460V (5A)
  1 Ph: 120V (34A), 208V (19A), 230V (17A). Other voltages available
- 3 HP
- 3,450 RPM motor
- Air volume of 1,200 CFM



True Fiber Bed Technology. Health and safety are the main reasons to have a mist filtration system. Fiber bed technology allows the mist to condense on the fibers of the filters and form micro-droplets. These micro-droplets grow until the liquid has condensed into a large enough droplet to drip off the filters and drain to the bottom of the plenum and reservoir areas. This keeps the filters from clogging and allows the system to operate for extremely long times without maintenance. The key to keeping this system operating is air flow rates. By constantly measuring the air speed through the filters, the optional Variable Frequency Drive (VFD) is able to keep the air speed at peak efficiency for maximum air cleaning with the minimum power consumption.

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