

MIST CAPTURE

OIL MIST & SMOKE FILTRATION



HIGH EFFICIENCY MIST COLLECTORS

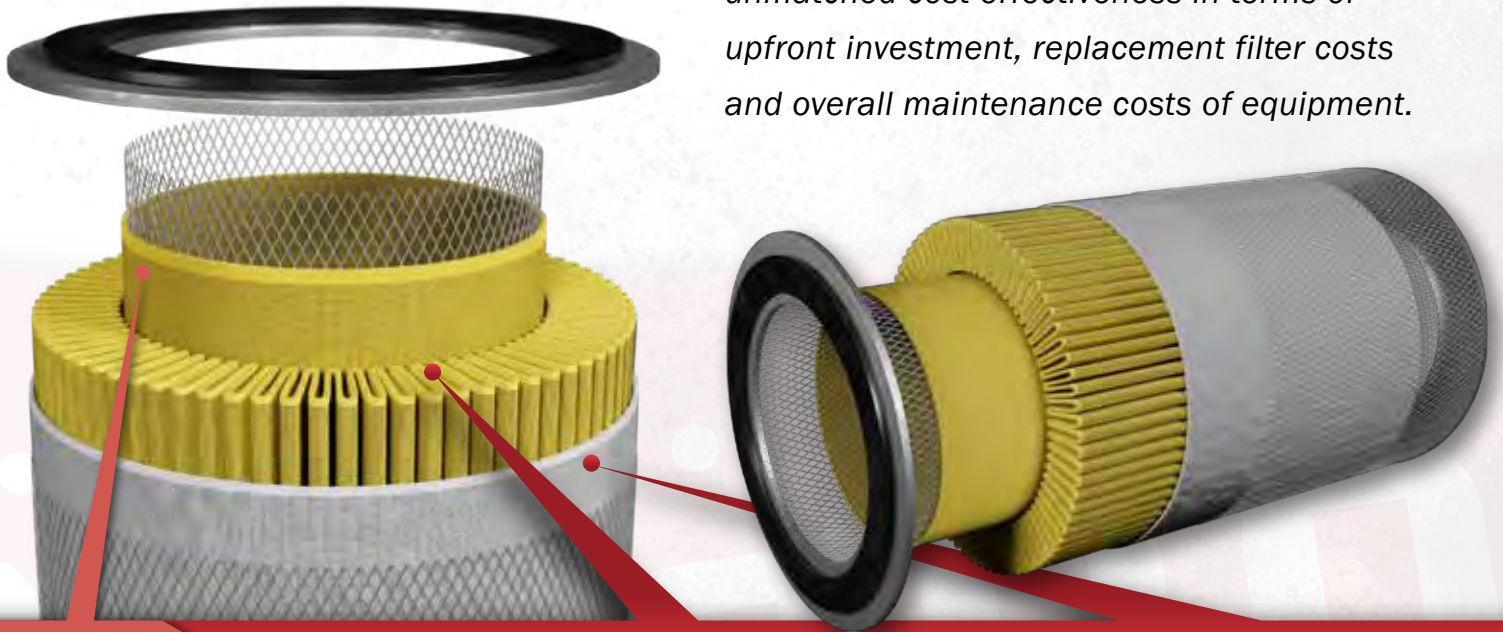
MICRO AIR

CLEAN AIR SYSTEMS

®

Mist Capture, Machining Smoke & Filtration

Our proprietary MISTMax™ filter technology utilizes a combination of Brownian Diffusion (smaller particles randomly combine to form larger, more easily removed particles) and conventional oil mist filtration techniques to provide a highly efficient filter, yet also offers unmatched cost effectiveness in terms of upfront investment, replacement filter costs and overall maintenance costs of equipment.



PROPRIETARY INNER CORE

INNER DRAIN LAYER

OUTER DRAIN LAYER

**High Efficiency
Oil Mist Filtration**

Mist Capture, Machining Smoke & Filtration

Model MM400



Features

- 400 CFM Actual
- Longer Filter Life than Traditional Filter Technologies
- New MISTMax™ Proprietary Filter Technology Competes with European Technology
- Heavy Duty Cabinet - Rugged Construction
- Mist-X Prefilter
- Up to 99.98% Efficiency Without Additional HEPA Filters
- Minihelic Gauge Indicates Filter Loading
- Front Load, Easy Filter Access
- High Capacity Direct Drive Blower
- Start/Stop Switch std.
- Side Inlet with Pre-Separation Champer
- Bottom Coolant Drain

Model MM800



Features

- 800 CFM Actual
- Longer Filter Life than Traditional Filter Technologies
- New MISTMax™ Proprietary Filter Technology Competes with European Technologies
- Heavy Duty Cabinet - Rugged Construction
- Up to 99.98% Efficiency Without Additional HEPA Filters
- Dual Gauges Track Static Pressure on both the Pre-Filter and the Primary Filter
- Front Load, Easy Filter Access
- High Capacity Direct Drive Blower
- Start/Stop Switch std.
- Cam Lock Positive Filter Seal System Ensures No By-Pass

Mist Capture, Machining Smoke & Filtration

Model MM1200



Features

- 1200 CFM Actual
- Longer Filter Life than Traditional Filter Technologies
- New MISTMax™ Proprietary Filter Technology Competes with European Technology
- Heavy Duty Cabinet - Rugged Construction
- Up to 99.98% Efficiency Without Additional HEPA Filters
- Dual Gauges Track Static Pressure on both the Pre-Filter and the Primary Filter
- Front Load, Easy Filter Access
- High Capacity Direct Drive Blower
- Cam Lock Positive Filter Seal System Ensures No By-Pass
- Start/Stop Motor Controls
- 3 ea. 10" dia. Inlet Collars std. Located Left, Right and Back

Model MM2400



Features

- 2400 CFM Actual
- Longer Filter Life than Traditional Filter Technologies
- New MISTMax™ Proprietary Filter Technology Competes with European Technology
- Heavy Duty Cabinet - Rugged Construction
- Up to 99.98% Efficiency Without Additional HEPA Filters
- Dual Gauges Track Static Pressure on both the Pre-Filter and the Primary Filter
- Front Load, Easy Filter Access
- High Capacity Direct Drive Blower
- Cam Lock Positive Filter Seal System Ensures No By-Pass
- Start/Stop Motor Controls
- 3 ea. 14" dia. Inlet Collars std. Located Left, Right and Back

Mist Capture, Machining Smoke & Filtration

Model MM3600



Features

- 3600 CFM Actual
- Longer Filter Life than Traditional Filter Technologies
- New MISTMax™ Proprietary Filter Technology Competes with European Technology
- Heavy Duty Cabinet - Rugged Construction
- Up to 99.98% Efficiency Without Additional HEPA Filters
- Dual Gauges Track Static Pressure on both the Pre-Filter and the Primary Filter
- Front Load, Easy Filter Access
- High Capacity Direct Drive Blower
- Cam Lock Positive Filter Seal System Ensures No By-Pass
- Start/Stop Motor Controls
- 3 ea. 14" dia. Inlet Collars std. Located Left, Right and Back



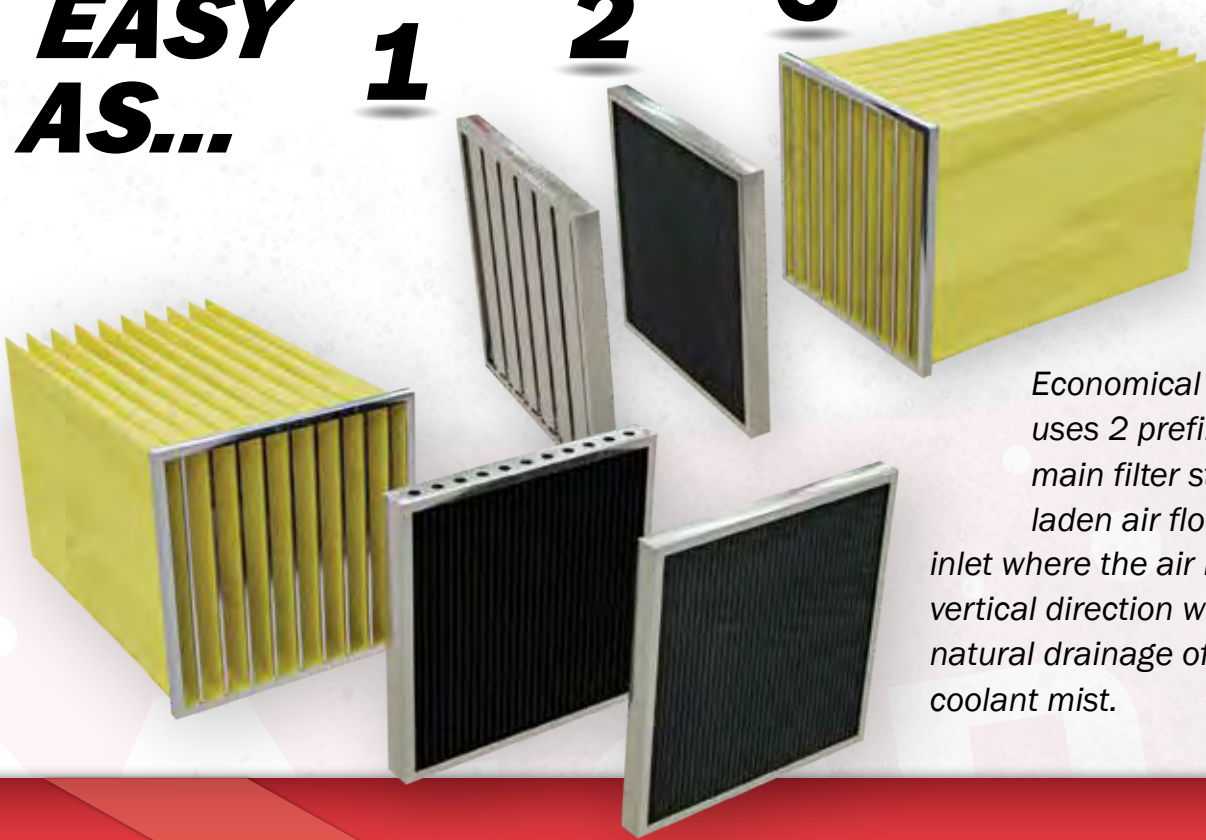
Mist Capture, Machining Smoke & Filtration

**EASY
AS...**

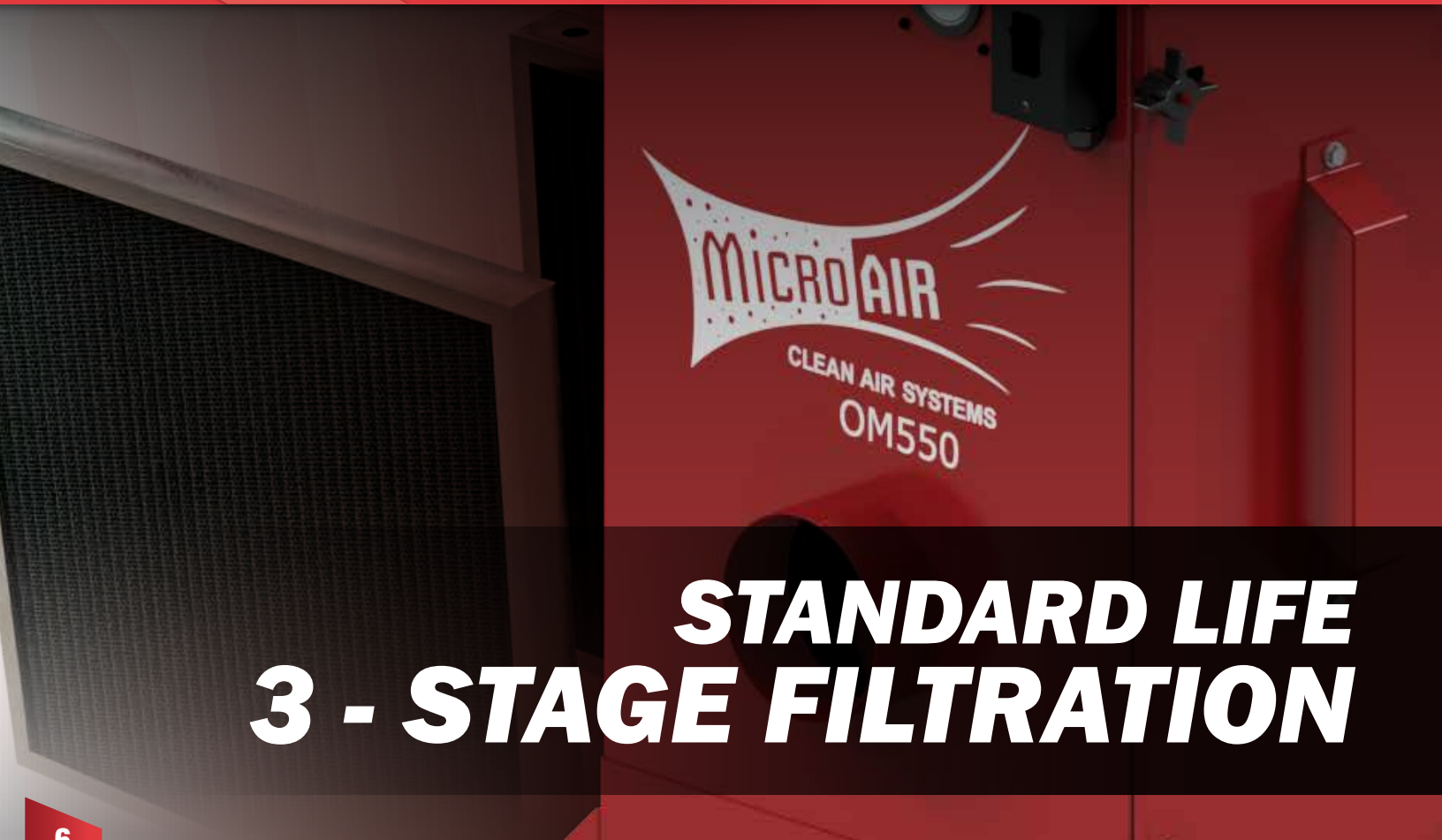
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Economical 3-Stage filtration uses 2 prefilter stages and a main filter stage. Oil mist laden air flows through the inlet where the air is turned in vertical direction which allows for natural drainage of accumulated coolant mist.



**STANDARD LIFE
3 - STAGE FILTRATION**

Mist Capture, Machining Smoke & Filtration

Model OM550DD



Features

- 600 CFM Actual
- Exclusive Mist-X Oil Mist Filtration Option
- Multi-Stage Filtration
- Side Load, Easy Filter Access
- Heavy Duty Direct Drive Blower
- 6" Inlet Size
- Up to 3 Stage Filtration
- Built-In Oil Deflector
- Angled Inlet Plenum to Facilitate Coolant Drainage
- Slotted Rails for Easy Filter Installation
- Start/Stop Motor Controls

Model OM3510



Features

- Up to 3000 CFM
- Side Load and Hinged Door for Easy Filter Access
- Up to Four-Stage Filtration
- Cam-Lock Positive Filter Sealing
- Filter Change Light or Magnahelic Gauge
- Side Exhaust Capability
- Exclusive Mist-X Oil Mist Filtration Option
- Full Range of Optional Accessories
- Up to Four-Stage Filtration

Mist Capture, Machining Smoke & Filtration

Model OM6000DD



Features

- Up to 6000 CFM
- High Capacity Allows for Multiple Pickups
- Exclusive Mist-X Oil Mist Filtration Option
- Up to Four-Stage Filtration
- Hinged Door for Easy Filter Access
- Heavy-Duty Blower
- Variety of Inlet Sizes
- Cam Lock Positive Filter Seal System Ensures No By-Pass
- Full Range of Optional Accessories

Model OM6000



Features

- Up to 5000 CFM
- High Capacity Allows for Multiple Pickups
- Exclusive Mist-X Oil Mist Filtration Option
- Up to Four-Stage Filtration
- Hinged Door for Easy Filter Access
- Variety of Inlet Sizes
- Cam Lock Positive Filter Seal System Ensures No By-Pass
- Full Range of Optional Accessories

Mist Capture, Machining Smoke & Filtration

Model MX3510



Features

- Up to 2200 CFM
- Exclusive Mist-X Oil Mist Filtration Option
- Hinged Door for Easy Filter Access
- Filter Change Light or Magnahelic Gauge
- Up to Four-Stage Filtration
- 4-Way Adjustable Outlet Louvers
- Cam Lock Positive Filter Seal System Ensures No By-Pass
- Full Range of Optional Accessories

Model MX6000



Features

- Up to 4500 CFM
- Exclusive Mist-X Oil Mist Filtration Option
- Up to Four-Stage Filtration
- Full Range of Optional Accessories
- Motor Starter/Overload Relay Standard
- 4-Way Adjustable Exhaust Grilles
- Hinge Door for Easy Filter Access
- Cam Lock Positive Filter Seal System Ensures No By-Pass

AIR SYSTEMS

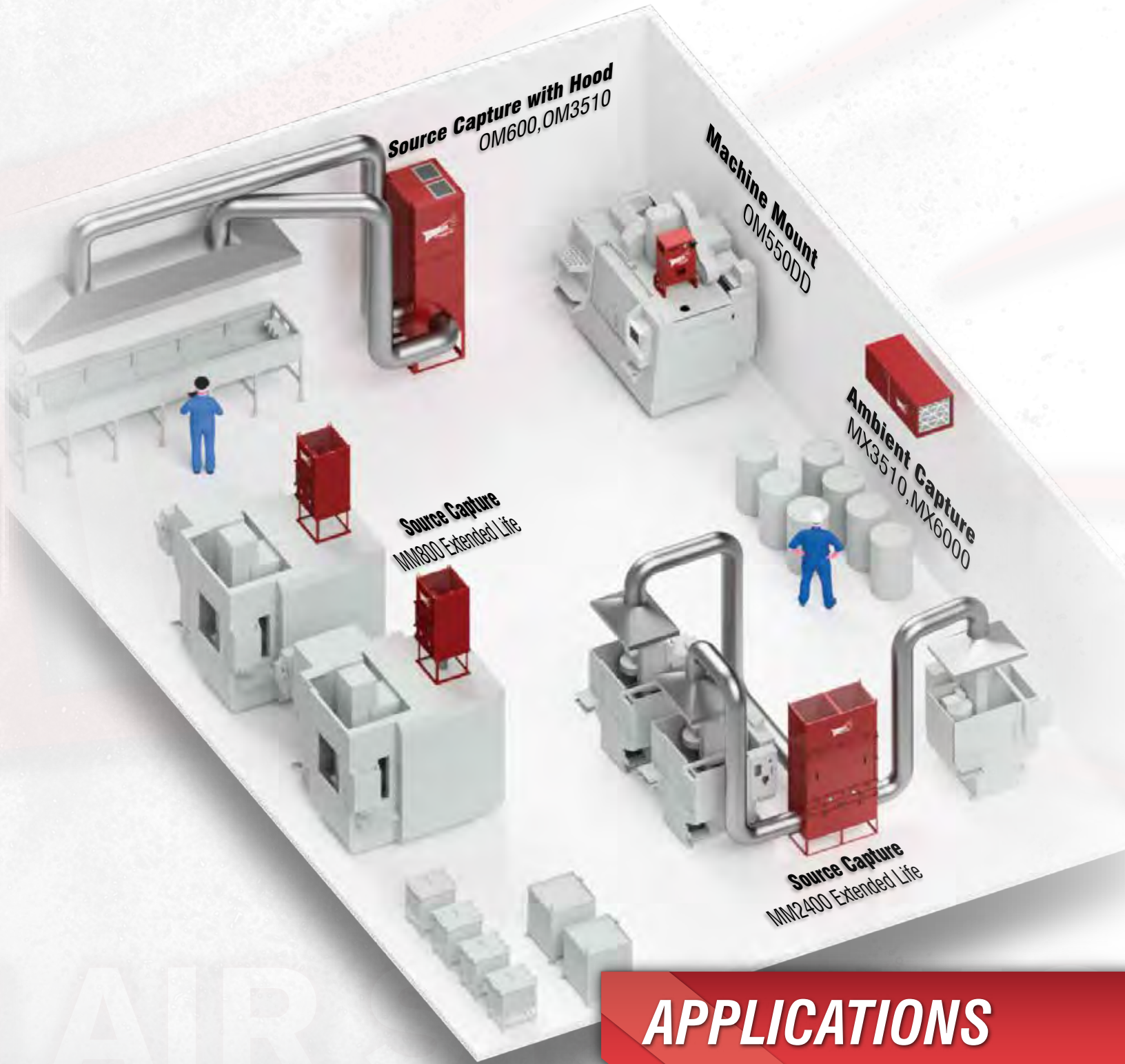
Standard Life



Extended Life



Mist Capture, Machining Smoke & Filtration



Source Capture with Hood
OM600, OM3510

Machine Mount
OM550DD

Ambient Capture
MX3510, MX6000

Source Capture
MM800 Extended Life

Source Capture
MM2400 Extended Life

AIR

APPLICATIONS



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