



**BREATHE EASY...Solutions for Clean, Safe Air**

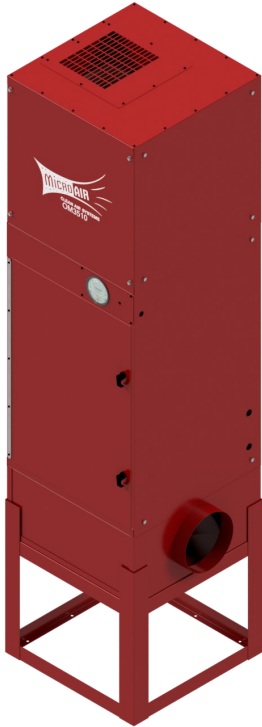
# OM3510

## Specifications and Technical Data

### TYPICAL APPLICATIONS:

#### SOURCE CAPTURE OF:

- OIL / MACHINING MIST
- WELD SMOKE AND FUMES
- DRY DUSTS
- ODORS AND VAPORS



### STANDARD FEATURES:

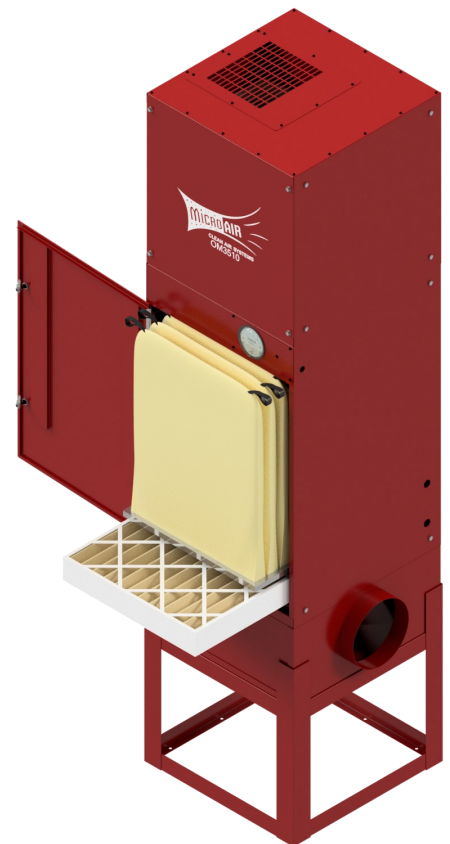
- SPECIAL SCRIM LIN ED OIL MIST FILTERS
- UP TO FOUR-STAGE FILTRATION
- SIDE LOAD, EASY FILTER ACCESS
- CAM-LOCK POSITIVE FILTER SEALING
- HEAVY DUTY BLOWER
- POSITIVE SEALING CABINET
- FULL RANGE OF OPTIONS

### OPTIONS:

- 24" x 24" x 12" REFILLABLE MODULES WITH CAPACITY UP TO 40 LBS CARBON
- 95% OR 99.97% DOP HEPA FILTER
- HIGH EFFICIENCY MIST-X PREFILTER
- PULLEY OPTIONS FOR VARIOUS STATIC REQUIREMENTS
- SIDE EXHAUST CAPABILITY
- MOTOR CONTROLS FOR 3 PHASE UNITS

### HOW IT WORKS:

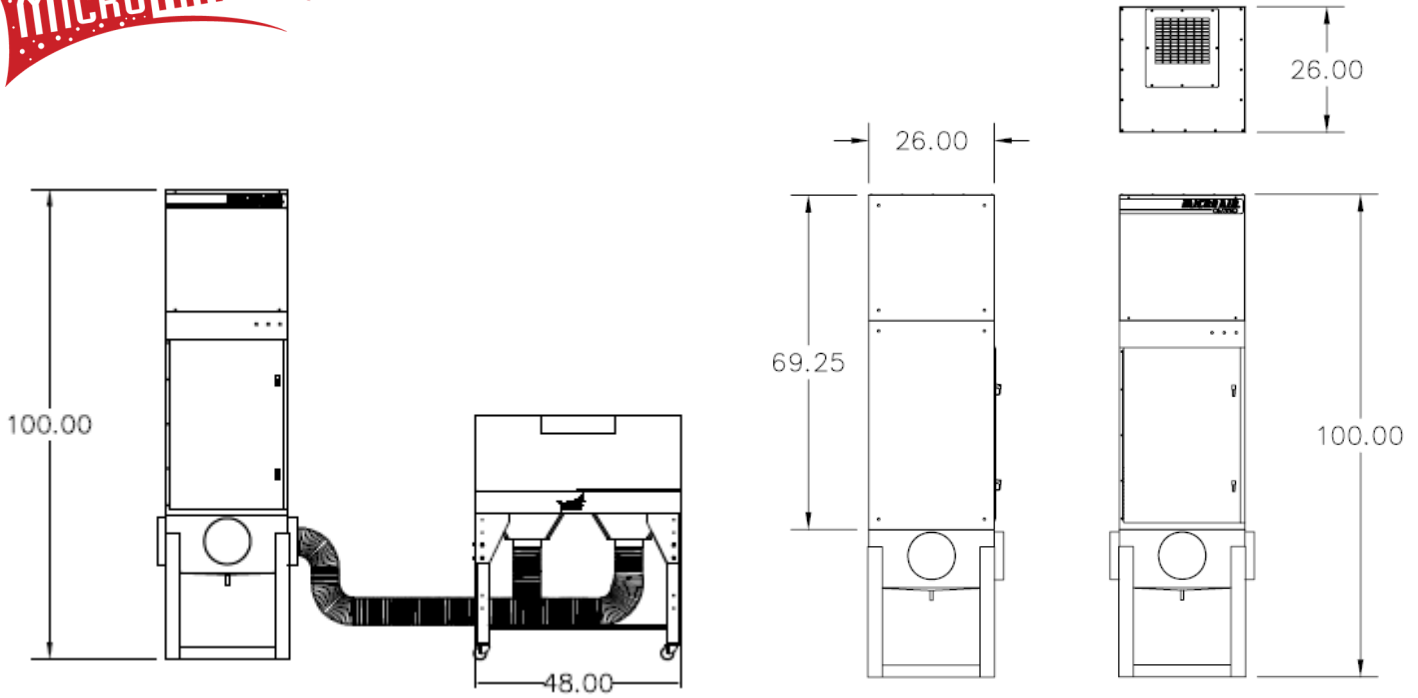
Mist laden air flows through the inlet into the bottom of the unit where it turns 90 degrees. The air goes upward through the impinge, then the mesh pre-filter and finally through the special oil mist bag. Clean air is then discharged at the top of the unit. Oil drains out the bottom of the unit.



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# OM3510



**OM3510 Ducted to DDT4830**

## OM3510SPECIFICATIONS:

**OVERALL DIMENSIONS:**

100" H X 26" W X 26" D WITH FLOOR STAND  
 126" H X 26" W X 26" D WITH FLOOR STAND AND SILENCER

**WEIGHT:**

\*300 LBS ACTUAL WEIGHT  
 \*340 LBS SHIPPING WEIGHT  
 \*WEIGHT VARIES DEPENDING UPON OPTIONS SELECTED

**CABINET:**

HEAVY DUTY 16 GA. WELDED GALVANEAL STEEL W/EXTERIOR SURFACES GROUND SMOOTH

**FINISH:**

INDUSTRIAL GRADE TEXTURED BAKED  
 CRIMSON RED ENAMEL PAINT—INSIDE AND OUT

**PREFILTER OPTIONS:**

- 24" X 24" X 4", 35% EFFICIENCY PLEATED PRE-FILTER WITH 28 SF MEDIA.
- 24" X 24" X 2" PLEATED PRE-FILTER
- 24" X 24" X 2" ALUMINUM MESH PRE-FILTER
- 24" X 24" X 2" BAFFLE IMPINGER
- 24" X 24" X 3" MIST-X (CHEVRON) PREFILTER
- 24" X 24" X 2" MAXI-GRD (PINK SCRIM) PREFILTER

**STANDARD PRIMARY FILTER OPTIONS:**

- 24" X 24" X 32" 55% BAG FILTER
- 24" X 24" X 32" 95% BAG FILTER
- 24" X 24" X 15" 55% BAG FILTER—USE W/ HEPA OR CARBON MODULE
- 24" X 24" X 15" 95% BAG FILTER—USE W/ HEPA OR CARBON MODULE
- 24" X 24" X 32" 95% OIL MIST BAG FILTER
- 24" X 24" X 15" 95% OIL MIST BAG FILTER—USE W/HEPA OR CARBON
- 24" X 24" X 12" 99.97% DOP HEPA FILTER
- 24" X 24" X 12" REFILLABLE CARBON MODULE—40 LBS CAPACITY EA

**FILTER ACCESS:**

SIDE LOAD THROUGH HINGED DOOR FOR EASY ACCESS

**CONTROLS:**

WIRING EXTENDED THROUGH CABINET FOR EASY HOOK-UP BY ELECTRICIAN ON ALL 3-PHASE UNITS. SINGLE PHASE, 120V MODELS ARE EQUIPPED WITH 10' POWER CORD AND ON/OFF TOGGLE SWITCH

**NOISE LEVEL:**

70 dBA @ 5" FROM EXHAUST

**INLET / EXHAUST:**

INLET AT BOTTOM OF UNIT THROUGH INLET PLENUM / EXHAUST OUT TOP OF UNIT

**MOTOR OPTIONS:**

1-1/2 HP, 120V, 60HZ, 1-PHASE, TEFC MOTOR  
 3 HP, 230/460V, 60 HZ, 3 PHASE, TEFC MOTOR

**BLOWER:**

BELT DRIVEN, 12-9 BLOWER

**DRIVE SYSTEM:**

LOW, MEDIUM, OR HIGH STATIC PULLEY COMBINATIONS ARE AVAILABLE. CONSULT FACTORY

**INPUT VOLTAGE OPTIONS:**

1-1/2 HP — 120V, 60 HZ, 1-PHASE  
 3 HP — 230/460V, 60 HZ, 3-PHASE

**MAX CURRENT**

1-1/2 HP, 120V — 16 AMPS  
 3 HP 230/460V — 8.4 / 4.2 AMPS

**AIR VOLUME:**

800—3,000 CFM NOMINAL , DEPENDENT ON OPTIONS SELECTED. CONSULT FACTORY

**FILTER CHANGE INDICATOR OPTIONS:**

0-5" MAGNEHELIC GAUGE  
 FILTER CHANGE LIGHT

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE