



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

# OM550DD

## Specifications and Technical Data

### TYPICAL APPLICATIONS:

SOURCE CAPTURE OF:

- MACHINE MOUNT FOR OIL MIST AND SMOKE CAPTURE
- SMALL DRY DUST APPLICATIONS
- REMOTE CAPTURE WITH 6" HOSE

### STANDARD FEATURES:

- 600 CFM NOMINAL
- EXCLUSIVE MIST-X OIL MIST FILTRATION
- MULTI-STAGE FILTRATION
- SIDE LOAD EASY FILTER ACCESS
- HEAVY DUTY DIRECT DRIVE BLOWER
- 6" DIA. INLET SIZE
- POSITIVE SEALING CABINET
- 3-STAGE FILTRATION
- BUILT IN OIL DEFLECTOR

- ANGLED INLET PLENUM TO FACILITATE COOLANT DRAINAGE
- SLOTTED RAILS FOR EASY FILTER INSTALLATION

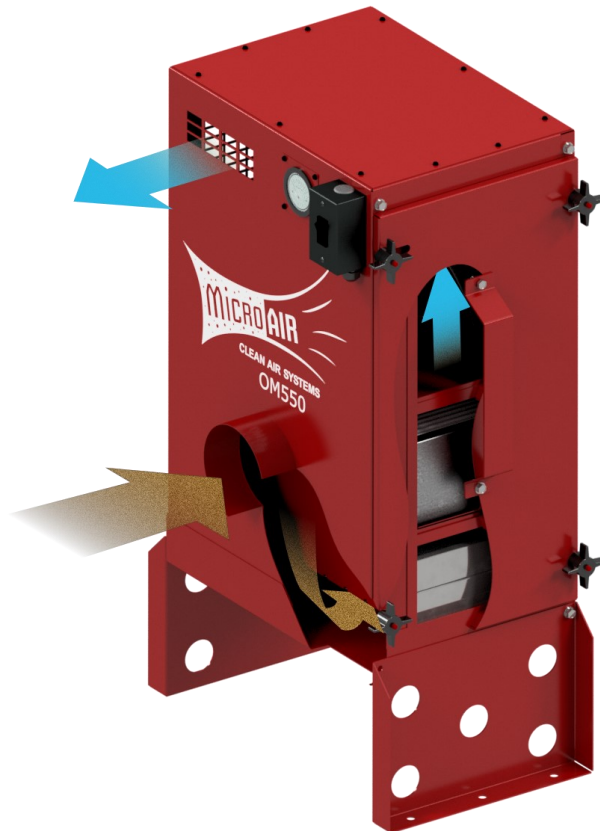
### OPTIONS:

- FLOOR STAND
- HEPA OR CARBON AFTER-FILTERS
- 3/4 HP, 120V SINGLE PHASE
- 3/4 HP, 220V SINGLE PHASE
- 3/4 HP, 208-230/460V THREE PHASE
- MINIHELIC GAUGE—0" TO 5"



### HOW IT WORKS:

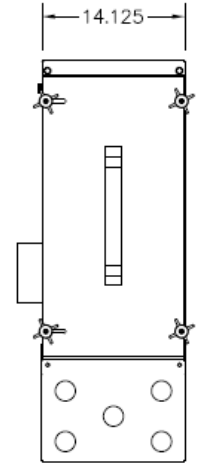
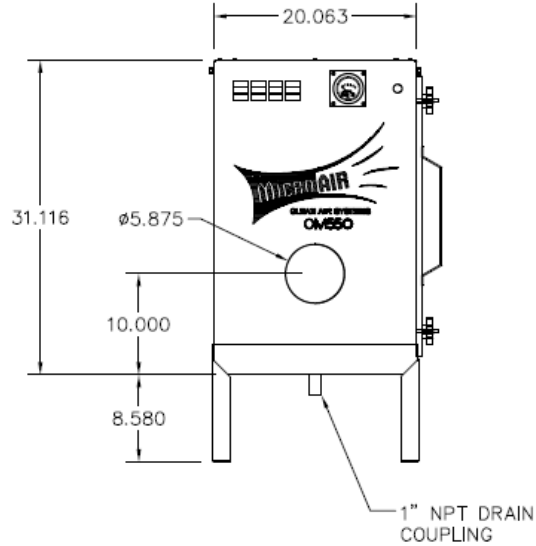
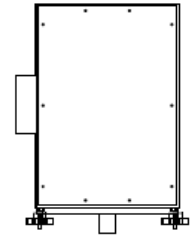
Mist laden air flows through the front inlet where it turns 90 degrees. The air then travels upward through the pre-filter section and through the 6" high efficiency mist filter. Clean air is then discharged at the front, rear, and left sides near the top of the unit.



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## OM550DD SPECIFICATIONS:

**OVERALL DIMENSIONS:**

31" H X 20.5" W X 14" D (WITHOUT MOUNTING BRACKETS)  
 340" X 20.5 W X 14" D (WITH MOUNTING BRACKETS)

**WEIGHT:**

\*135 LBS ACTUAL WEIGHT  
 \*160 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:**

- 9.5" X 19.38" X 3" MIST-X (CHEVRON) PRE-FILTER
- 9.5" X 19.38" X 2" BAFFLE PRE-FILTER
- 9.5" X 19.38" X 2" MESH PRE-FILTER
- 9.5" X 19.38" X 1" MESH PRE-FILTER
- 9.5" X 19.38" X 2" MAXI-GRID PRE-FILTER (PINK SCRIM)

\* SELECT ANY COMBINATION UP TO 4" TOTAL

**STANDARD PRIMARY FILTER OPTIONS:**

9.5" X 19.38" X 5.86" 95% ASHRAE FILTER

**FILTER ACCESS:**

SIDE LOAD THROUGH REMOVEABLE ACCESS PANEL

**NOISE LEVEL:**

66 dBA @ 5" FROM EXHAUST

**INLET**

6" DIA. COLLAR ON LOWER FRONT OF UNIT

**MOTOR OPTIONS:**

3/4 HP, 120V SINGLE PHASE, TEFC

**BLOWER:**

DIRECT DRIVE, HEAVY DUTY FORWARD INCLINED WHEEL

**AIR VOLUME:**

600 CFM NOMINALLY RATED

**ELECTRICAL:**

120V, SINGLE PHASE, 60 HZ, CORD WITH PLUG  
 208/230V SINGLE PHASE, NO PLUG  
 208.230/460B, 3 PHASE UNITS REQUIRE MOTOR STARTER AND OVERCURRENT PROTECTOR, SUPPLIED BY OTHERS

**MAX CURRENT**

3/4 HP, 120V SINGLE PH—10 AMP  
 3/4 HP 230V SINGLE PH—5.0 / 2.5AMP  
 3/4 HP 208-230/460V, 3 PH—2.8-2.4/1.2 AMP

**FILTER CHANGE INDICATOR OPTIONS:**

0-5" MINIHELIC GAUGE

**OIL DRAIN:**

1" NPT PIPE COUPLING, FEMALE THREAD

**MOUNTING:**

MACHINE MOUNT BRACKETS STANDARD / REVERSE BRACKETS FOR HANGING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE