



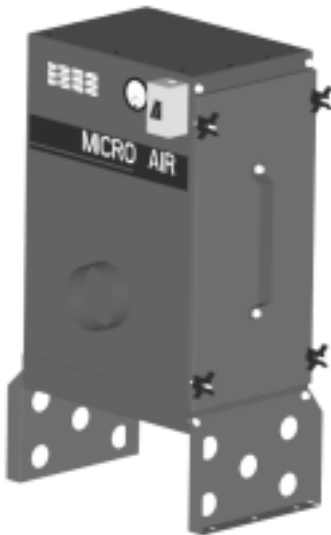
Clean. Easy. RED.

# Model OM550DD

## Specifications and Technical Data

### TYPICAL APPLICATIONS

- Machine Mount for Oil Mist and Smoke Capture
- Small Dry Dust Applications
- Remote Capture with 6" Hose



### Features:

- 600 CFM Nominal
- Exclusive Mist-X Oil Mist Filtration
- Multi-Stage Filtration
- Side Load Easy Filter Access
- Heavy Duty Direct Drive Blower
- 6" 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 Afterfilters
- 1/2 hp, 120 Volt Single Phase
- 3/4 hp, 120 Volt Single Phase
- 3/4 hp, 220 Volt Single Phase
- 3/5 hp, 208m230/460 Volt Three Phase
- Minihelic Gauge 0" to 5"

### Specifications

**OVERALL DIMENSIONS:** 27"H X 20" W X 13.25" D

**WEIGHT:** 135 LBS ACTUAL / 160 LBS. SHIPPING.

**CABINET:** 16 GAUGE WELDED GALVANEALD STEEL WITH EXTERIOR SURFACES GROUND SMOOTH.

**FINISH:** INDUSTRIAL GRADE TEXTURED BAKED CRIMSON RED ENAMEL PAINT INSIDE AND OUT.

**PREFILTERS:** 10" X 20" X 2" MESH FILTER, 10" X 20" X 2" BAFFLE FILTER.

**STANDARD PRIMARY FILTER:** 10" X 20" X 6" 95% ASHRAE RATED FILTER.

**FILTER ACCESS:** SIDE LOAD THROUGH REMOVABLE ACCESS PANEL.

**INLET OPENING:** 6" COLLAR ON LOWER FRONT OF UNIT.

**MOTOR:** 1/2 HP, 120 VOLT, SINGLE PHASE, TEFC

**BLOWER:** DIRECT DRIVE, HEAVY DUTY FORWARD INCLINED WHEEL

**AIR VOLUME:** 600 CFM NOMINALLY RATED

**TRANSPORT VELOCITY:** 3056 FPM

**ELECTRICAL:** 120 VOLT, SINGLE PHASE, 60 HZ, CORD W/PLUG, 208/230 VOLT SINGLE PHASE; NO PLUG, 3 PHASE UNITS REQUIRE MOTOR STARTER AND OVERLOAD PROTECTOR SUPPLIED BY OTHERS.

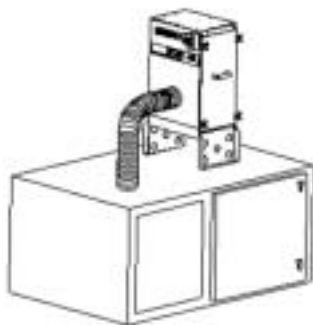
**CONTROLS:** OFF / ON PANEL MOUNTED POWER SWITCH ON SINGLE PHASE UNITS.

**OIL DRAIN:** 1" NPT PIPE COUPLING, FEMALE THREAD

**MOUNTING:** MACHINE MOUNT BRACKETS STANDARD / REVERSE BRACKETS FOR HANGING.

### HOW IT WORKS

Oil mist laden air flows through the front 6" inlet where it is turned 90 degrees to the bottom of the cabinet. The air goes up through the mesh and baffle prefilters and through the 6" high efficiency mist filter. Clean air is then discharged out the front, rear, and left sides near the top of the unit.



Specifications subject to change without notice.

**Sold and Serviced by:**

L2249-02/05