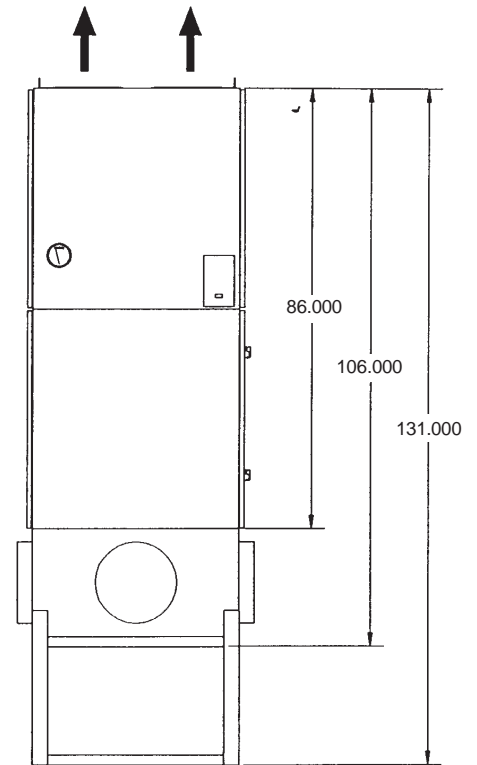
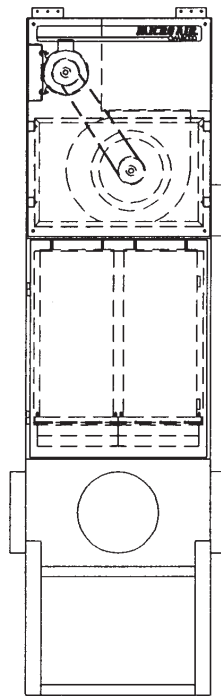
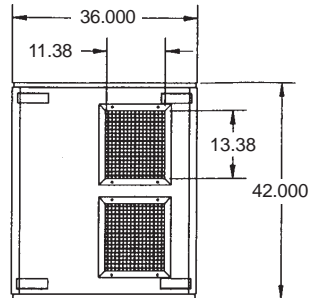


Model OM 6000

CLEANER AIR FOR INDUSTRY



- High capacity oil mist filtration unit allows for multiple pick-ups
- Special oil mist filters
- Three-stage filtration
- Side load, easy filter access
- Heavy-duty blower
- Variety of inlet sizes
- Positive sealing cabinet
- Full range of options
- Magnehelic gauge

MICRO AIR®
AIR CLEANERS

SPECIFICATIONS - OM 6000

Overall Dimensions: 106" h x 36" w x 42" d.

131" h x 36" w x 42" d with stand.

Weight: 750 lbs. actual; 825 lbs. shipping.

Cabinet: 14-gauge welded galvanized steel with exterior surfaces ground smooth.

Finish: Industrial grade, textured, baked crimson red enamel paint, inside and out.

Prefilters: Four 16" x 20" x 2" baffle-type oil impinger, and four 16" x 20" x 2" aluminum mesh filters.

Standard Primary Filter: Four 19½" x 16½" x 36", 8 pockets, 95% average efficiency* special oil mist filter bag. Each bag has 64 sq. ft. of media material (256 sq. ft. total). Bag design includes special inner liner of oil resistant material to facilitate oil collection and drainage.

Filtration Support: Filter supported by rod through heavy-duty loops, front and back.

Filter Access: Side load through hinged door for easy access.

Inlet Plenum: Standard plenum features three each 16" diameter openings. Each opening is furnished with a cap should the user choose to utilize only one or two openings. Reducers for 14", 12" and 10" diameter openings are available.

Air Flow: Through inlet openings, then turned 90 degrees up through filtration and out top of unit. (See diagram).

Motor: Single speed, 7½ hp, 208/230/460 Volt, 60 Hz, TEFC motor. Maximum 19.8/9.9 amps.

Blower: 15-11 forward inclined belt driven blower, 2100 maximum RPM.

Motor Starter/Overload Protector: Optional

Air Volume: 6000 CFM Nominal

Performance curves are available upon request. High static capability is available.

Electrical: 208/230/460 volt, 60 Hz, 3-phase. Wiring extended via conduit to side of unit for easy installation.

Gauge: Magnehelic gauge is standard.

Oil Drain: 1/2" NPT pipe coupler (female).

Mounting: Heavy duty ceiling mounted brackets are standard. Optional floor stand also available.

Additional Standard Features:

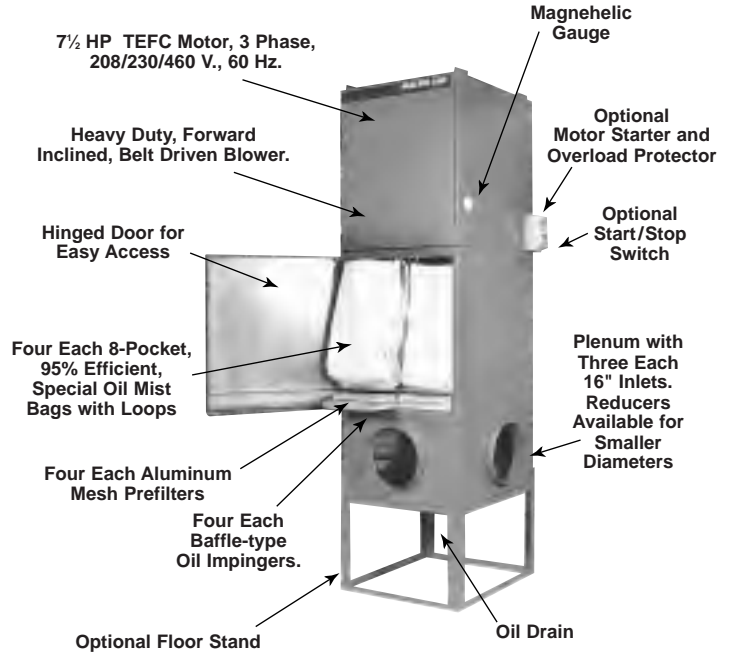
- Special 95% oil bag.
- Built-in bottom plenum, angled to facilitate oil drainage.
- Support rods and bag loops.
- Positive sealing door to eliminate leakage.

Options:

- Multiple size of inlets
- Floor stand
- HEPA filtration
- Charcoal module
- Motor starter and overload protector
- Start/stop switch

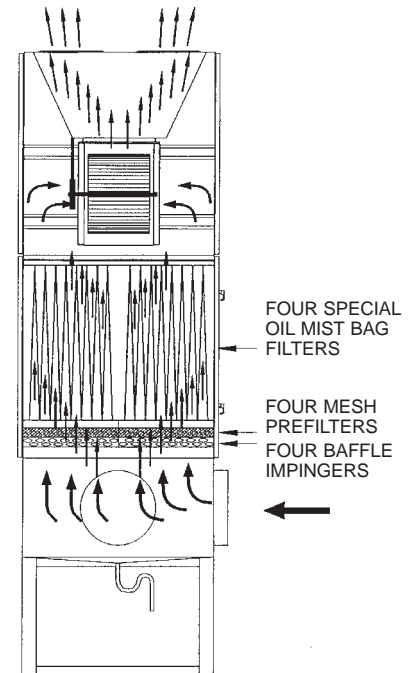
*All efficiencies are per ASHRAE 52-76.

Specifications subject to change without notice.



HOW IT WORKS

Oil mist laden air flows through the inlet or inlets into the bottom plenum. The air then turns 90° and goes upward through the four baffle impingers and then the four aluminum mesh prefilters. These filters remove most of the oil. Finally, the air goes through the four 95% oil mist bags. These special filters remove any remaining mist and smoke. The filters are lined with a special media that facilitates draining of the oil back into the plenum. Clean air is then discharged at the top of the unit. Oil drains out the bottom of the plenum.



SOLD AND SERVICED BY:

MICRO AIR
AIR CLEANERS

Products of Metal-Fab, Inc.

P.O. Box 1138 • Wichita, KS 67201
(316) 943-2351 • FAX (316) 943-2717