



Clean. Easy. RED.

# Model MX6000

## Specifications and Technical Data

### TYPICAL APPLICATIONS

- Ambient Dust Capture
- Source Capture of Welding Smoke or Other Dusts
- Odor Control

### Features:

- 6000 CFM Nominal
- High Capacity Allows for Multiple Drops Without CFM Loss
- Built-in Silencer Plenum
- 7 1/2 HP Motor/Blower
- Motor Starter/Overload Relay Standard
- 4-Way Adjustable Exhaust Grilles
- Hinged Door for Easy Filter Access
- Cam Lock Positive Filter Sealing System Ensures No By-Pass
- Low Noise Level-76 dBA at 6' From Exhaust

### Options:

- 16" Diameter Inlet Plenum For Ducted Applications
- After-Filter Module, Which Allows For Use of Hepa and/or Carbon Afterfilters
- Remote On/Off Switch In NEMA-1 Type Enclosure

### Specifications

**OVERALL DIMENSIONS:** 36"H X 42" W X 86" L (2 MODULE)  
36"H X 42" W X 129" L(3 MODULE)

**WEIGHT:** 650 LBS - STANDARD UNIT  
950 LBS - STANDARD UNIT WITH AFTER-FILTER MODULE

**CABINET:** 14 GAUGE WELDED GALVANEAELED STEEL WITH EXTERIOR SURFACES GROUND SMOOTH.

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

**PREFILTERS:** FOUR 16" X 20" X 4" 25-35% EFFICIENT\* PLEATED PREFILTERS. EACH FILTER HAS 20 SQ. FT. OF MEDIA.

**STANDARD PRIMARY FILTER:** FOUR 16" X 20" X 36" 95% AVERAGE EFFICIENCY\* 8 POCKET BAG FILTERS. 65% EFFICIENT\* OR 95% AVERAGE EFFICIENCY\* SPECIAL OIL MIST BAG FILTERS ARE ALSO AVAILABLE.

**FILTER ACCESS:** SIDE LOAD THROUGH HINGED DOOR FOR EASY ACCESS.  
**MOTOR:** 7 1/2 HP, SINGLE SPEED, 230/460 VOLT, 60HZ, THREE PHASE, TEFC, MAXIMUM 19.8/9.9 AMPS.

**BLOWER:** 15-11 FORWARD INCLINED BLOWER, 2100 MAXIMUM RPM.

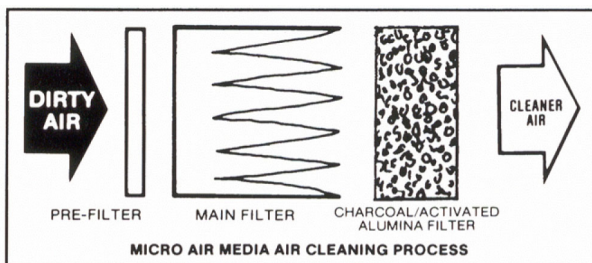
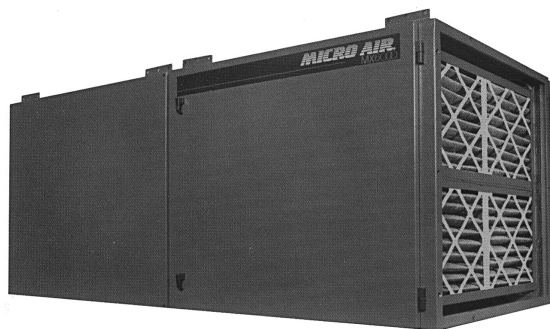
**AIR VOLUME:** 6000 CFM NOMINAL. CONSULT FACTORY FOR SPECIFIC PULLEY AND FILTER RATINGS.

**FILTER CHANGE INDICATOR:** MAGNAHELIC GAUGE IS STANDARD.

**ELECTRICAL:** 208/230/460 VOLT, 60HZ, 3-PHASE. UNIT ON/OFF CIRCUIT IS 120VAC AND REQUIRES A SPST SWITCH RATED FOR 120 VAC AT ONE AMP MINIMUM TO COMPLETE INSTALLATION. (OPTIONAL REMOTE SWITCH AVAILABLE FROM FACTORY).

**AFTER-FILTER MODULE:** OPTIONAL AFTER-FILTER MODULE IS AVAILABLE. MODULE IS CAPABLE OF HOLDING 4 EA. HEPA FILTERS, 4 EA. CHARCOAL MODULES, OF A COMBINATION OF BOTH. SIDE LOAD THROUGH HINGED DOOR FOR EASY ACCESS.

**CHARCOAL:** EACH MODULE WILL HOLD 30 LBS OF CHARCOAL(120 LBS TOTAL POSSIBLE). ACTIVATED ALUMINA IS ALSO AVAILABLE.



### HOW IT WORKS

Polluted air flows through the prefilter section. These filters effectively remove the larger particles of the pollutant. Next the air passes through the primary bag filter. This captures the smaller particles. The air that is discharged is then pollution-free.

Specifications subject to change without notice. \*All efficiencies are per ASHRAE 52-76.

**Sold and Serviced by:**

L2246-02/05