



Clean. Easy. RED.

# Model MX1800 HP

## Specifications and Technical Data

### TYPICAL APPLICATIONS

- Weld Smoke
- Wood Dust
- Any Ambient Air Cleaning Application

### Features:

- 1400-2500 CFM
- Direct Drive Blower
- Front Load, Easy Filter Access
- Filter Change Light
- Four-Way Adjustable Grille
- Two-Stage Filtration

### Options:

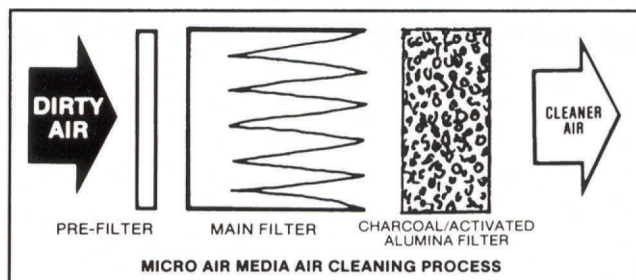
- Wrap Around Prefilter Module
- Silencer
- 3/4 HP Motor
- Variety of Filter Options



### Specifications

- OVERALL DIMENSIONS:** 24"H X 24" W X 45" L  
**WEIGHT:** 143 LBS ACTUAL; 163 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:** 24" X 24" X 4" 35% AVERAGE EFFICIENCY\* PLEATED PREFILTER WITH 28 SQ. FT. OF MEDIA. OTHER OPTIONAL PREFILTERS AVAILABLE.  
**STANDARD PRIMARY FILTER:** 24" X 24" X 22" 8 POCKET BAG FILTER WITH 66 SQ. FT. OF MEDIA. AVAILABLE IN 65% OR 95% AVERAGE EFFICIENCY\* CONFIGURATIONS. OTHER OPTIONAL FILTERS AVAILABLE.  
**FILTER ACCESS:** FRONT LOADED FOR EASY ACCESS.  
**EXHAUST:** STRAIGHT THROUGH.  
**MOTOR (HP UNIT):** 2 SPEED, 3/4 HP, 120 VOLT, 60 HZ, THERMALLY PROTECTED BALL BEARING MOTOR.  
**BLOWER (HP UNIT):** 10" DIAMETER X 10" WIDE DIRECT DRIVE BLOWER. AIR VOLUME: 1400 CFM ON LOW, 2500 CFM ON HIGH (NOMINAL RATING)  
**FILTER CHANGE LIGHT:** FACTORY PRESET FOR EASY NOTIFICATION OF FILTER CHANGE REQUIREMENTS.  
**ELECTRICAL:** 120 VOLT, 60 HZ CORD WITH STANDARD PLUG, MAXIMUM 9 AMPS.  
**NOISE LEVEL:** 76 DBA ON HIGH, 66 DBA ON LOW, MEASURED 6' FROM THE EXHAUST GRILLE.  
**CONTROLS:** 3 POSITION, CENTER OFF SWITCH.  
**GENERAL:** 4-WAY ADJUSTABLE GRILLE, FILTER CHANGE LIGHT, CAPTIVE MOUNTING NUTS-FOUR POSITIONS.

### HOW IT WORKS



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Polluted air flows through a pleated or foam prefilter. This effectively removes the larger particles of the pollutant. Next, the air passes through the main filtration system. This portion contains the primary filter media. It can be a bag filter, charcoal module or a combination. This system captures minute particles of airborne impurities and absorbs gases and odors. 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:**

L2244-08/06