



Clean. Easy. RED.

# Model MX3510

## Specifications and Technical Data

### TYPICAL APPLICATIONS

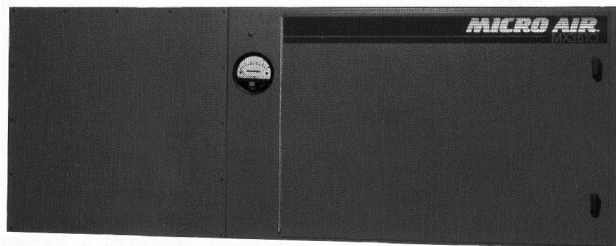
- Ambient Dust or Mist Capture
- Source Capture of Welding Smoke or Other Dusts/Fumes/Mists
- Odor Control

### Features:

- 2000-3500 CFM
- Heavy-Duty Blower
- Side Load, Easy Filter Access
- Filter Change Light Or Magnahelic Gauge
- Cam-Lock Positive Filter Sealing
- Side Exhaust Capability
- Positive Sealing Cabinet
- Full Range of Options

### Options:

- Wrap Around Prefilter Module.
- 24" x 24" x 12" Refillable Modules Which Will Hold 40 Lbs. of Charcoal.
- 95% or 99.97% DOP HEPA Filter.
- Oil Impinger.
- Oil Drain Kit.
- Pulley Options For High Static Applications.
- Source Capture Module With One, Two or Three Inlets.
- Motor Controls for 3-Phase



### Specifications

**OVERALL DIMENSIONS:** 26"H X 26" W X 69" L

**WEIGHT:** 268 LBS ACTUAL  
300 LBS SHIPPING

**CABINET:** 16 GAUGE WELDED GALVANEAL 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 32" 10 POCKET WITH 107 SQ. FT. OF MEDIA. AVAILABLE IN 65% OR 95% AVERAGE EFFICIENCY\* CONFIGURATIONS. OTHER OPTIONAL FILTERS AVAILABLE.

**FILTER ACCESS:** SIDE LOAD THROUGH HINGED DOOR FOR EASY ACCESS. EXHAUST: MODULAR DESIGN ALLOWS BLOWER MODULE TO BE TURNED IN ANY DIRECTION. 4 WAY ADJUSTABLE GRILLE IS STANDARD.

**MOTOR:** SINGLE SPEED, 3HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 8.6 AMPS(4.3 AMPS 460V)  
SINGLE SPEED, 2HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 6.2 AMPS(3.1 AMPS 460V)  
SINGLE SPEED, 1 1/2 HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 4.6 AMPS(2.3 AMPS 460V)  
SINGLE SPEED, 1 1/2 HP, SINGLE PHASE, 120V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 17.2 AMPS.

**BLOWER:** BELT DRIVEN 12-9 BLOWER.

**PULLEYS:** LOW, MEDIUM OR HIGH STATIC PULLEY COMBINATIONS ARE AVAILABLE. CONSULT BLOWER CURVES FOR PERFORMANCE.

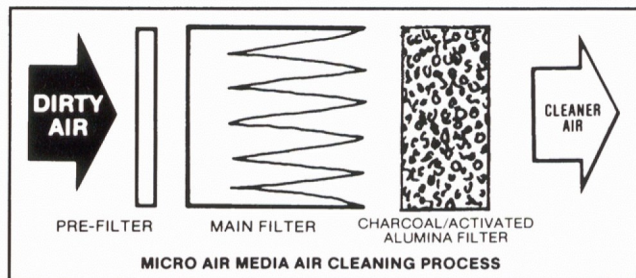
**FILTER CHANGE:** FILTER CHANGE LIGHT OR MAGNAHELIC GAUGE.

**ELECTRICAL:** DEPENDING ON MOTOR, 120V, SINGLE PHASE, 60 HZ OR 208/230/460 V, 3-PHASE, 60 HZ. OPTIONAL 575V ALSO AVAILABLE.

**NOISE LEVEL:** 79 DBA MEASURED 6' FROM THE EXHAUST GRILLE.

**CONTROLS:** WIRING EXTENDED THROUGH CABINET FOR EASY HOOKUP BY ELECTRICIAN ON ALL 3-PHASE UNITS. SINGLE PHASE, 120 V MODELS COME STANDARD WITH 10' POWER CORD AND ON/OFF TOGGLE SWITCH.

### 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, HEPA 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:**

L2245-01/17