

Model MA4210 Specifications and Technical Data

TYPICAL APPLICATIONS-Source Capture

- Welding Smoke and Fumes
- Grinding Dust
- Solvent Odor Control
- Source Capture of Welding Smoke or Other Dusts/Fumes/Mists
- Odor Control

Features:

- Externally Supported Arm
- Side Load, Easy Filter Access
- Filter Change Light Or Magnahelic Gauge
- Heavy-Duty Blower
- Cam-Lock Positive Filter Sealing
- Portable, Easy To Move
- Rotating Arm and Capture Hood
- Positive Sealing Cabinet and Door
- Full Range of Options

Options:

- 24" x 24" x 12" Refillable Modules Which Will Hold up to 40 Lbs. of Charcoal(80 Lbs With Dual Modules).
- 95% or 99.97% DOP HEPA Filter.
- Big Wheel Kit.
- 6" and 8" Diameter Arms.
- Light Kit for Hood.
- Dual Arm Capability—6" Dia. Arms Only.
- Explosion Proof Motors.

Specifications

OVERALL DIMENSIONS: 56"H X 26" W X 41" L

WEIGHT: 322 LBS ACTUAL
364 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 PRE-FILTER 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.

ARM OPTIONS: 6" AND 8" DIAMETER, 8' OR 10' LENGTH. SINGLE OR DUAL ARM CAPABILITY. FULL 360 DEGREE ROTATION AT BASE.

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.

AIR VOLUME: 800-1600, DEPENDING ON OPTIONS SELECTED. CONSULT BLOWER CURVES FOR DETAILS.

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: 71 DBA MEASURED 6' FROM THE EXHAUST GRILLE.

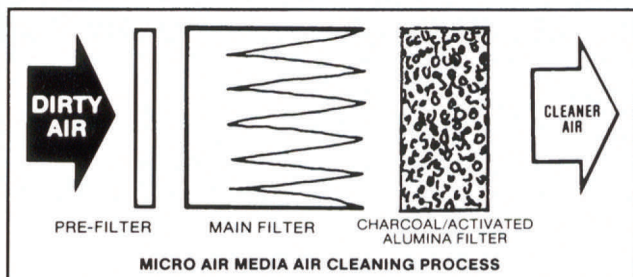
CONTROLS: ON/OFF PANEL MOUNTED SWITCH ON 120 V SINGLE PHASE UNITS. WIRING EXTENDED THROUGH CABINET FOR EASY HOOKUP BY ELECTRICIAN ON ALL 3-PHASE UNITS. MOTOR CONTROLS BY OTHERS



HOW IT WORKS

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.

HOW IT WORKS



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

Sold and Serviced by:

L2236-02/05