



Clean. Easy. RED.

# Model MAR1200

## Specifications and Technical Data

### TYPICAL APPLICATIONS

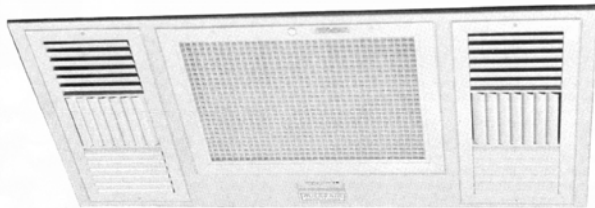
- Paper Dust
- Cigarette Smoke
- Odor Removal

### Features:

- State-of-the-art Quiet Operation
- 550-1000 CFM Standard
- Two-Stage Filtration
- Three-Way Adjustable Grilles
- Direct Drive Blowers
- Flush Mounted Into Ceiling
- Attractive Finish

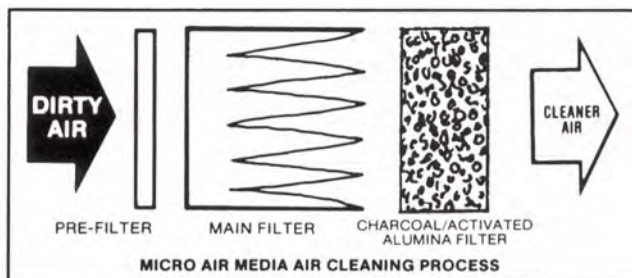
### Options:

- Charcoal Afterfilter
- Remote Wall Mount Switch
- Washable Prefilter
- Refillable Charcoal Module



### How It Works

Polluted air flows through the pleated or foam prefilter. This effectively removes the large particles. Next, the air passes through the main filtration system. It can be a pleated filter, charcoal module or a combination of the two. This portion contains the primary filter media and captures minute particles of airborne impurities and absorbs gases and odors. The air that is discharged is then pollution-free.



### Specifications

**OVERALL DIMENSIONS:** 15 1/2" H X 23 1/2" W X 48" L  
COVER-23 1/2" W X 48" L

**WEIGHT:** 78 LBS ACTUAL / 90 LBS SHIPPING

**COVER:** PRECISION MOLDED LUSTRAN ABS PLASTIC WITH SCRATCH RESISTANT FINISH.

**CABINET:** 20 GAUGE WELDED GALVANEAELED STEEL WITH EXTERIOR SURFACES GROUND SMOOTH.

**INLET GRILLE:** PREPAINTED ALUMINUM WITH REMOVABLE EGG CRATE PLASTIC INLET GRILLE.

**EXHAUST GRILLES:** TWO EACH THREE-WAY PREPAINTED ALUMINUM ADJUSTABLE EXHAUST GRILLE WITH VARIABLE POSTIION CURVED VANES FOR TRUE 180 DEGREE COVERAGE.

**PREFILTER:** 15 1/2" X 20 3/16" X 1/2" ALUMINUM MESH PREFILTER.

**STANDARD PRIMARY FILTERS:** TWO EACH 20" X 10" X 6" 95% AVERAGE EFFICIENCY\* PLEATED BOX FILTERS.

**FILTER ACCESS:** PREFILTER THROUGH HINGED DOOR. PRIMARY FILTERS THROUGH REMOVAL OF EXHAUST GRILLES.

**AIR FLOW:** THROUGH CENTER INLET AND OUT ADJUSTABLE DIFFUSERS.

**MOTOR:** TWO EACH THREE-SPEED, 1/10 HP, SINGLE PHASE, 120 VOLT, 60 HZ, BALL-BEARING, THERMALLY PROTECTED MOTORS. MAXIMUM 2.2 AMPS.

**THROW:** THROW DISTANCE 18' ON HIGH WITH 70 FPM TERMINAL VELOCITY.

**BLOWER:** DUAL DIRECT DRIVE 6" DIAMETER X 7" WIDE. 1265-1650 RPM, WITH LOW RESITANT DIRECTIONAL BAFFLES.

**AIR VOLUME:** 550 CFM ON LOW; 800 CFM ON MEDIUM; 1000 CFM ON HIGH.

**ELECTRICAL:** 120 VOLT, 60 HZ, SINGLE PHASE. WIRING EXTENDED THROUGH CABINET FOR EASY WIRING TO EXISTING POWER SYSTEM.

**NOISE LEVEL:** 52 DBA AT HIGH, 50 DBA AT LOW MEASURED AT 6' FROM EXHAUST GRILLE.

**CONTROLS:** FOUR POSITION PUSH BUTTON SWITCH WITH ON/OFF, HIGH, MEDIUM, AND LOW SETTINGS.

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

**Sold and Serviced by:**

L2238-02/05