Model TM1000
Specifications and Technical Data

TYPICAL APPLICATIONS
- Welding Smoke
- Grinding Dust
- Dry Particulate

Features:
- Dual Self-Cleaning Cartridges
- High Capacity Cleaning
- Compact Design
- Wide Range of Filter Options
- Low Power Requirements
- 120V Single Phase
- Broad Choice of Attachments to adapt to any application or process
- Improved Source Capture Arm—designed for ease of movement, less restriction, and powerful collection at the source.

Options:
- 2 hp 208/230 volt, 3 phase motor
- 2 hp 460 volt, 3 phase motor
- Light Kit with hood mounted switch
- Auto-Pulse Cartridge Cleaning
- 99.97% Hepa Afterfilter
- Refillable Module—Charcoal or Purasorb
- Big Wheel Kit (Required with 8” x 9’ Arm Option)

Specifications
OVERALL DIMENSIONS—Base Unit: 25 1/2” W, 32 1/2” L, 44 1/2” H
BASE WEIGHT: 300 LBS.
SHIPPING WEIGHT: 350 LBS.
CABINET: 16 GAUGE WELDED STEEL
FINISH: INDUSTRIAL GRADE TEXTURED BAKED CRIMSON RED ENAMEL PAINT INSIDE AND OUT.
CASTERS: 5” INDUSTRIAL GRADE—TWO SWIVEL AND TWO FIXED FOR EASY MOBILITY.
ATTACHMENT CONNECTION: ADAPTER COLLAR BOLTS TO TOP OF POWER MODULE.
FILTRATION: TWO HIGH EFFICIENCY 80/20 CARTRIDGES, 284 SF MEDIA
CARTRIDGE FILTER CLEANING: MANUALLY ACTIVATED, SELF-CLEANING ROTO-PULSE SYSTEM—REQUIRES 80 PSI AIR CONNECTION
ROTO-PULSE CLEANING SYSTEM: AIR IS PULSED THROUGH A UNIQUE ROTATING TUBE WITH PRECISION DRILLED EXHAUST PORTS, PROVIDING A HIGHLY EFFICIENT AND COMPLETE CLEANING OF THE CARTRIDGES
FILTER ACCESS: SIDE LOAD THROUGH HINGED DOOR FOR EASY ACCESS
MOTOR: 1 1/2 HP, 120 VOLT, 60 Hz, TEFC MOTOR, THERMALLY PROTECTED
BLOWER: HIGH PRESSURE DIRECT DRIVE BLOWER, 3450 RPM
AIR VOLUME: 1000 CFM NOMINAL
NOISE LEVEL: 72—76 dba @ 6 FT. FROM BASE OF UNIT
CONTROLS: FRONT, CABINET MOUNTED ON/OFF SWITCH, MANUAL PULSE BUTTON FOR CARTRIDGE CLEANING
GAUGE: MINIHICEL PRESSURE GAUGE FOR FILTER CLEANING NOTIFICATION
OPTIONAL ATTACHMENTS: BACKDRAFT HOOD; DOWNDRAFT TABLE; SOURCE CAPTURE ARMS WITH HOODS — 6” X 7”, 6” X 9’, 8” X 7’ OR 8" X 9’; - w or w/o LIGHTS
DUAL 4” X 5’ or 4” X 7’ SOURCE CAPTURE ARMS W/ HOODS; 8” X 15’ FLEX HOSE W/ MAGNETIC HOOD; 8” X 25’ FLEX HOSE W/ MAGNETIC HOOD.

HOW IT WORKS
Roto-pulse Cleaning System

Air is pulsed into a specially designed stainless steel rotating tube with pre-drilled holes. As the air enters this tube, the force of the pulse causes the tube to rotate. While spinning, air exits the pre-drilled holes. The result is that air hits the entire inside of the cartridge, pulsing dirt particles away from the filter for an efficient cleaning cycle.

Specifications subject to change without notice.

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Sold and Serviced by:

Micro Air Clean Air Systems
PO Box 1138
Wichita, KS 67201

www.microaironline.com

Toll-Free: 866-566-4276
Phone: 316-946-5875
Fax: 316-219-2995