

# MC3000 Specifications and Technical Data

#### TYPICAL APPLICATIONS

- Grinding Dust
- Sanding / Polishing Dust
- Welding Smoke & Fumes
- Powders
- Other Dry Dusts



## STANDARD FEATURES:

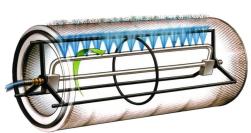
- Revolutionary Roto-Pulse Filter Cleaning System
- High Capacity Allows for Multiple Drops without a Loss in CFM
- Modular Design
- Built-In Silencer Plenum
- Hinged Door for Easy Filter Access
- Motor Starter/Overload Relay Standard
- After Pulse Cleaning Standard
- 2" Mesh Pre-Filter
- Magnahelic Gauge

## **OPTIONS:**

- Hopper with Blast Gate or Dust Tray
- Optional Inlet Plenum
- Optional After-Filter Module with HEPA or Carbon Modules—Available with or without Magnahelic Gauge
- Optional Side Exhaust Plenum
- Variety of Cartridge Filter Options
- Remote on/Off Switch Kit (NEMA-1)
- 7.5 HP Motor

## **HOW IT WORKS:**

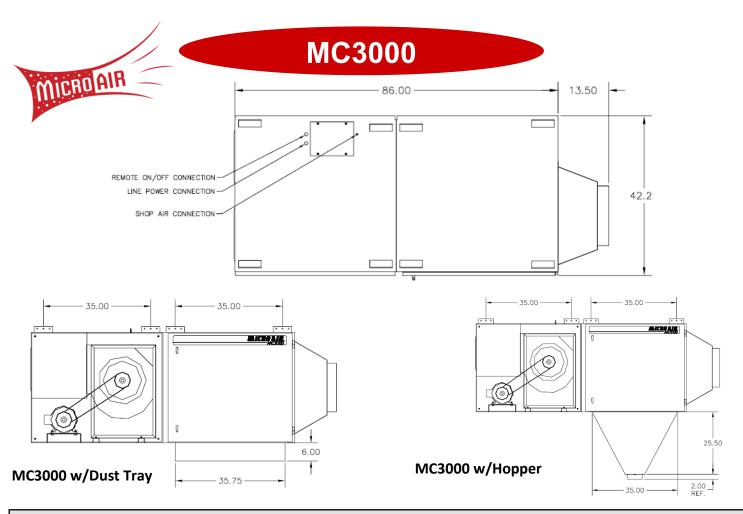
**Roto-Pulse**® Cartridge cleaning system provides for 30-40% better cleaning of the cartridges. Air is pulsed into a specially designed aluminum rotating tube equipped with pre-drilled holes. As the air enters this tube, the force of the pulse causes the tube to rotate. As the tube spins, air exits the pre-drilled holes resulting in air hitting the entire inside length of the cartridge, pulsing dirt particles away from the filter for a



much more efficient cleaning cycle and increased filter life.



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



## MC3000SPECIFICATIONS:

## **OVERALL DIMENSIONS:**

36" H X 42" W X 86" L 36"H X 42" W X 99.5" L w/ Inlet Plenum

#### **WEIGHT:**

950 LBS - ACTUAL-VARIES DEPENDING ON OPTIONS SELECTED

#### **CABINET:**

14 GA. WELDED GALVANEAL STEEL W/EXTERIOR SURFACES GROUND SMOOTH

#### FINISH:

INDUSTRIAL GRADE TEXTURED BAKED CRIMSON RED ENAMEL PAINT—INSIDE AND OUT

#### **FILTRATION:**

2" MESH PREFILTER
FOUR EA. FIRE-RETARDANT CARTRIDGE,
200-348 SF MEDIA—DEPENDENT ON MEDIA
SELECTED—MERV 11—16 AVAILABLE

#### **ROTO-PULSE® CLEANING SYSTEM:**

REVOLUTIONARY CLEANING SYSTEM, THAT CLEANS THE ENTIRE SURFACE OF CARTRIDGE, FOR CLEANER FILTERS & EXTENDED FILTER LIFE

#### **FILTER ACCESS:**

SIDE LOAD THROUGH HINGED DOOR FOR EASE OF ACCESS

#### **AIR VOLUME:**

3,000 CFM NOMINAL—CONSULT BLOWER CURVES FOR SPECIFIC CONFIGURATIONS

## **FILTER CHANGE INDICATOR:**

MAGNAHELIC GAUGE

#### **EXHAUST:**

STRAIGHT THROUGH / SIDE EXHAUST OPTIONAL

#### MOTOR:

5 HP, 230 / 460V, 3 PHASE, TEFC 7.5 HP, 230 / 460v, 3 PHASE, TEFC

#### **MAX CURRENT:**

5 HP—13.6 / 6.8 AMP 7.5 HP—19.6 / 9.9 AMP

## **BLOWER:**

BELT DRIVEN, FORWARD INCLINED BLOWER

#### FILTER CHANGE INDICATOR:

0-5" MINIHELIC GAUGE

#### **ELECTRICAL**:

230 /460V, 3 PHASE– INCLUDES FACTORY WIRED ON/OFF SWITCH, LIGHT SWITCH, & PULSE PUSH BUTTON

## **NOISE LEVEL:**

76 Dba @ 6" FROM EXHAUST

#### **CONTROLS:**

ON/OFF SWITCH WITH STARTER AND OVERLOAD RELAY

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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