

<b>Project:</b>
<b>Location:</b>
<b>Architect:</b>
<b>Engineer:</b>
<b>Contractor:</b>
<b>Submitted by:</b>
<b>Date:</b>

<b>SPECIAL NOTES:</b>

## SPECIFICATIONS: MODEL MC 3000

**Overall Dimensions:** 36" h x 42" w x 86" l.

**Weight:** 950 lbs.

**Cabinet:** 14-gauge welded galvanized steel with external surfaces ground smooth.

**Finish:** Industrial grade crimson red, textured baked enamel, inside and outside.

**Prefilter:** Spark resistant, wire mesh prefilter with aluminum frame, 32½" h x 2" w x 29½" l.

**Primary Filter:** High efficiency, flame retardant cartridges, four total. Each cartridge has 240 sq. ft. of media material. Finger grip handles for easy removal.

**Cleaning Frequency:** Solid-state timer is standard. Pulse time ranges between 0.05 seconds to 0.35 seconds. Time between pulses ranges between 5 seconds and 180 seconds. Timer can continue to pulse after unit is turned off by adding optional after-pulse timer kit.

**Roto-Pulse Cleaning System:** Unique rotating tube with pre-drilled holes: As air is pulsed into the tubes, it rotates and air exits the pre-drilled holes. This combination provides a highly efficient and total cleaning of the cartridges.

**Filter Cleaning:** Automatic, self-cleaning, reverse pulse jet backflush system. Uses 80-120 psi and three SCF of shop air per pulse.

**Filter Access:** Side-load through hinged door for easy access. Hinges are heavy duty and designed for lift-off door removal without use of tools.

**Air Flow:** Enters right side, exits left side as viewed from filter access door.

**Motor:** Single-speed, 5 hp, 208/230/460 volt, three-phase, 60 Hz, TEFC motor, 1740 RPM, 14.4 AMP at 230 volts, 1.15 service factor.

**Blower:** 15-11 forward inclined blower, maximum RPM 1700.

**Air Volume:** 3000 CFM\* at 0" to 3.6" added static pressure.  
\*Nominal CFM rating. Consult factory for more information.

**Noise Level:** 76 dBA 6' from exhaust.  
65 dBA 6' from inlet.  
67 dBA 6' from side.

**Electrical:** 208/230/460 volt, three-phase, 60 Hz, maximum 15.9/14.4/7.2 amps. Unit on/off circuit is 120 VAC and requires a SPST switch rated for 120 VAC at one amp minimum to complete installation. (Optional remote switch available from factory.)

**Motor Starter:** Standard equipment, overload current sensing included.

