SPECIFICATIONS-MODEL MC 2500

Overall Dimensions: One filter module - 20" h x 36" w x 68" l
Two filter modules - 20" h x 36" w x 104" l
Blower Module Weight: 220 lbs.
Filter Module Weight: 280 lbs.
Arm Weight: 6" fixed arm - 44 lbs. (8'); 47 lbs. (10'); 52 lbs. (14')
   6" powered arm - 56 lbs. (8'); 59 lbs. (10'); 64 lbs. (14')
   8" fixed arm - 56 lbs. (8'); 61 lbs. (10'); 68 lbs. (14')
   8" powered arm - 68 lbs. (8'); 73 lbs. (10'); 80 lbs. (14')
Cabinet: 16-gauge welded steel with exterior surface ground smooth.
Structure is reinforced with 16-gauge, 1" square steel tubing throughout.
Finish: Industrial grade crimson red textured baked enamel, inside and outside.
Filters: High efficiency, flame retardant cartridges, two per module.
   Each cartridge has 214 square feet of media material. Finger grip handles for easy removal.
Filter Cleaning: Automatic, self-cleaning, Roto-Pulse™ system. Uses 80-100 PSI of shop air.
Cleaning Frequency: Timer is variable to be set by end-user. Timer does pulse unit after blower has stopped turning.
Air Consumption: 1.0 SCF at 80 PSI per second of pulse. Factory set at 2.7 SCFM.
Roto-Pulse™ Cleaning System: Unique rotating tube with pre-drilled holes. As air is pulsed into the tube, it rotates and air exits the pre-drilled holes. This combination provides a highly efficient and total cleaning of the cartridge.
Filter Access: End load through hinged door for easy access.
Spark/Dust Tray: Two each dust holding trays per module.
Air Flow: Through arms, through filter modules and out side of blower module.
Arm Assembly: Two galvanized steel tubes connected via flex hose and two external supports at the middle joint. Cable protection system is standard to protect power cable.
Arm Diameter: 6" or 8".
Arm Length: 8', 10', 14'.
Capture Hood: Twenty-four gauge steel with 50-watt halogen light standard. Mesh guard prevents large objects from entering the arm.
Controls: All controls mounted on hood for easy operation.
Motor: Single speed, 5 hp, 208/230/460, three-phase, 60 Hz, TEFC motor. Dual shaft, 3450 rpm, 150 amps.
Impeller: 12.5 inch diameter, backward inclined, high air flow wheel. One or two used depending in number of filter modules.
Air Volume: 650 CFM per 6" arm.*
   1200 CFM per 8" arm.*
   *Nominal CFM rating, consult factory for more information.
Electrical: 208/230/460 volt, three-phase, 60 Hz. Maximum 15.0/7.5 amps.
   Unit on/off and light on/off switches are 12/24 VAC for operator safety.
Motor starter: Standard.
Noise Level: 75 DBA at 6' from exit grille.