

Project:
Location:
Architect:
Engineer:
Contractor:
Submitted by:
Date:

Special Notes:

SPECIFICATIONS: MODEL MC1500

Overall Dimensions: 48" h x 36 1/2" w x 35" l

Weight: 475 lbs.

Cabinet: 16 gauge welded galvanized steel with external surfaces ground smooth

Finish: Industrial grade, textured baked crimson red enamel paint, inside and out.

Filtration: Two each, high efficiency flame retardant cartridges. Each cartridge has 214 sf of media material (428 sf total) and finger grip handles for easy removal.

Filter Cleaning: Self-cleaning reverse pulse jet backflush system. Uses 80-120 PSI and 2 SCF of shop compressed air. Pipe fitting located on front of cabinet, 1/4" NPT male nipple.

Cleaning Tubes: Heavy duty tubes with predrilled air exit holes allows for total backflushing of cartridges for better cleaning.

Filter Access: Side load through hinged door for easy access.

Spark/Dust Tray: Two each dust holding trays, 2 5/8" x 5 3/4" x 27 1/4", easily removed through side door for cleaning.

Airflow: Portable source capture model. Air flows through hose and out of the bottom of unit.

Arm Length: 7' and 9'

Handle: Solid, preformed coated handle for operator convenience.

Arm Assembly: Two galvaneal steel tubes connect via flexhose and two external supports at the middle joint. Unique shock absorber at base of arm provides support and easy up and down movement.

Capture Hood: 24-gauge steel with 50 watt halogen light standard. Mesh guard prevents large objects from entering the hose. Light and blower controls located on hood.

Motor: Single-speed, 5 hp, 230/460volt, 60 Hz, TEFC motor. Maximum 14.0 / 7.0 amps.

Impeller Wheel: 14-inch diameter, backward inclined, high airflow wheel, 3500 maximum rpm.

Electrical: 230/460 volt, 3-phase electrical plug included with 10-foot power cord. Control cord for light in hood mounts flush to top of cabinet. Unit on/off and light on/off switches operator at 12/24 VAC for operator safety.

Motor Starter: Motor starter contractor and overload relay are standard equipment.

Noise Level: 79 dBA at 6' from exhaust.

Controls: Hood-mounted, motor/blower on/off switch and light on/off switch, cartridge backflush toggle valve mounted on front of cabinet for easy access and protection from breaking.

Gauge: Magnahelic gauge is standard.

