

<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 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.

