

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

SPECIAL NOTES:

SPECIFICATIONS: MODEL SC 150

Overall Dimensions: 11¼" h x 14¾" w x 27" l.

Arm Length: 3'.

Weight: SC 150A (Single Arm): 45½ lbs. actual; 53½ lbs. shipping.
 SC 150B (Dual Arm): 47 lbs. actual; 55 lbs. shipping.

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

Finish: Attractive gray and black combination. State-of-the-art graphics in red and black.

Plastic Component: Arm attaching manifold 2¾" h x 4¾" w x 12¾" l, made from ¼" thick vacuum formed heavy duty ABS plastic.

Prefilter: 10" x 14" x 1" washable foam prefilter.

Standard Primary Filtration: 10" x 13⅞" x 3" Hepa-type filter constructed with 95% DOP filter media material within a steel frame and 10" x 13⅞" x 3" disposable partial by-pass charcoal/activated alumina filter. Total weight of material 3.2 lbs.

Filter Access: Through end of unit via access panel.

Air Flow: Through arm and out exhaust of unit.

Arm: Self-supported 3-foot arm, 3" I.D., easily maneuverable. Made from virgin ribbon lock PVC, self-supporting.

Nozzle: ¼" thick vacuum formed ABS plastic nozzle, 7" opening.

Motor: Single-speed, ¼ hp, 120 volt, 60 Hz, ball-bearing motor, thermally protected, fan-cooled, maximum 2.4 amps.

Blower: Direct drive blower, 9⅞" high, 8¾" diameter, 4¼" wide, 3600 RPM.

Air Volume: 150 CFM* Single Arm
 200 CFM* Dual Arm (100 CFM per hose)

Transfer Velocity Through Hose: 3056 fpm - single arm
 2041 fpm - dual arm (per hose)

Average Pick-Up velocity at Hood: 560 fpm - single arm
 375 fpm - dual arm (per hose)

Electrical: 120 volt, 60 Hz, cord with standard plug.

Noise Level: 57 dBA single arm - inlet grille
 58 dBA dual arm - inlet grille
 62 dBA single arm - exhaust grille
 63 dBA dual arm - exhaust grille

Note: All noise levels measured at 6' distance.

Control: On/Off lighted switch.

* All efficiencies are per ASHRAE 52-76.

