

<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 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.

