

Summary of Particulate Removal Capacity
(Obtained from Independent Test Laboratories)

Room Test

Room Size: 11,000 cu. Ft. (311,5 cu. M)
 Air Flow Rate: 270 CFM (0,13 M3/sec.)
 Particle Size Measured: 0.3 -0.5 Microns
 Filter Used for Test: Panel Air Cleaner with carbon
 center pad 12" x 24" x1"
 (305mm x 610mm x 25.4mm)

Decrease in Particle Count in One Hour: 80%
 Decrease in Particle Count in Two Hours: 82%

House Test

Test House Size Air: Estimated at 10,000 cu. ft. (283 cu. M)
 Flow Rate: Standard Domestic Central Heater Air
 Flow Rate Estimated at 1200 CFM (0.556 M3/second)
 Filter Used for Test: Panel Air Cleaner with carbon
 center Pad, 20" x 20" x1 "
 (508mm x 508mm x 25.4mm)

Particle Size (Microns):	0.3-0.5	0.5-1.0	1.0-5.0	7.5<
Initial Count:	700,000	425,000	100,000	9,000
Count After Stabilization: (About 10 Hours)	18,000	6,000	<1,000	<1,000
Percent Reduction:	97.8%	<99.7%	<99.7%	<99.99%

Chamber Test

Chamber Size: 7 cu. Ft. (.20 cu. M)
 Air Flow Rate: 270 CFM
 Particle Size Measured: 0.3 Microns
 Filter Used for Test: Panel Air Cleaner 12"x24"x1"
 (305mmx610mmx25.4mm)

Decrease in 0.3 Micron Particles in One Minute: 80% (Average of Three Tests at 46% Relative Humidity)
 82% (Average of Three Tests at 59% Relative Humidity)

Particle removal comparison to 99.97% HEPA filter

Room Size: 260 cu. ft.
 Air Flow Rate: 270 CFM
 Filter Used for Test: Panel Air Cleaner 12"x24"x1"
 (305mmx610mmx25.4mm)

HEPA Filter Removed: 94% of 0.3 Micron Size Particles in 15 Minutes

Electro Breeze Filter Removed: 89% of 0.3 Micron Size Particles in 15 Minutes

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