

Report No. 3126675crt-001

June 22, 2007

Report Scope	Performance testing of a Portable Household Room Air Cleaner
Limitation Statement	The test data and results contained in this report are provided for client information and evaluation. No conclusions are drawn by Intertek.
Authorization	The tests were authorized signed Intertek Quote No. 500033514 dated May 18, 2007.
Standards Used	ANSI/AHAM AC-1-2006 entitled, "Association of Home Appliance Manufacturers Method for Measuring Performance of Portable Household Electric Room Air Cleaners"
Sample Description	One unit: Brookstone Pure-Ion Advanced 561274 was supplied by the client and received on June 12, 2007 and appeared to be in good condition.
Dates of Tests	June 22, 2007

Test Method:

Tests were performed in accordance with ANSI/AHAM AC-1-2006 entitled "Association of Home Appliance Manufacturers Method for Measuring Performance of Portable Household Electric Room Air Cleaners ". This standard method has defined limits of measurability. The practical limits of measurability are: Dust 10 to 400 CADR, Tobacco smoke 10 to 450 CADR and Pollen 25 to 450 CADR. The statistical validity of test results outside of the stated practical limits is questionable and unevaluated. Clean Air Delivery Rates (CADR's) were determined using Tobacco Smoke, AC Fine Test Dust, and Paper Mulberry Pollen. Monitored particle size ranges for the three particulates were as follows: Smoke - 0.10-1.0 microns; Dust - 0.5-3 microns; Pollen - 5-11 microns.

Test Equipment List:

<u>Equipment Used</u>	<u>Model Number</u>	<u>Intertek Control #</u>	<u>Cal. Due Date</u>
Laser Aerosol Spectrometer	HSLAS 0.065	N829	6/15/08
Aerodynamic Particle Sizer	3321	A-261	1/31/08
Fluidized Bed Aerosol Generator	340000	--	--
Temperature/Humidity Sensor	HMW30YB	T680	1/19/08

Device Under Test Description

The device tested for this report was Model Number 561274 Air Cleaner. Following is a photo of the unit as well as the unit ratings label or other identifier. The following device settings were used during testing: High fan speed.

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Results of Performance Tests:

Model/Configuration	Test Particulate	CADR	Power (Watts)
Pure-Ion Advanced 561274, high speed	Smoke	185.3	34.2
	Dust	226.6	32.8
	Pollen	254.1	31.5

Conclusion:

The results reported above do fall within the minimum and maximum limits of measurability of the ANSI/AHAM AC-1-2006 "Association of Home Appliance Manufacturers Method for Measuring Performance of Portable Household Electric Room Air Cleaners " Test Method.