



Administrator,
AHAM Room Air Cleaner Certification Program
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AHAM PORTABLE ELECTRIC ROOM AIR CLEANER CERTIFICATION PROGRAM VERIFICATION TESTING REPORT (A-5)

Conducted in Accordance with ANSI / AHAM AC-1 (latest edition)

Issue Date:	October 21, 2014		
Test No.	AC-14080	Order No.	G101659992
Test Code	FST	Program Year	2014
Rendered To:	Winix, Inc., 120 prairie Lake Rd., unit E East Dundee IL 60118 USA		
Brand Name:	Winix	Test Date:	October 6, 20, 2014
Brand Owner:	Winix, Inc.	Model No.:	WACP450
Manufacturer:	Winix	Serial No.:	WNX3A50000108
Selection Date:	September 17, 2014	Voltage:	120
Received Date:	September 18, 2014	Frequency (Hz):	60

CLEAN AIR DELIVERY RATE (CADR)

Pollutant	Certified Value	Measured Value	Measured / Certified %	Results
Smoke	291	302.2	104	PASS
Dust	298	288.7	97	PASS
Pollen	343	308.7	90	PASS

ENERGY STAR VERIFICATION

Results

Dust CADR/Watt	2.7	PASS	
Standby Power (Watts)	1.1	PASS	

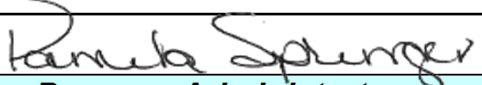
NATURAL DECAY DATA

Parameter	Smoke	Dust	Pollen
Room Conditions			
Temperature, °F	70	71	70
Humidity, %	42	41	41
Background Count, part/cc	0.32	0.01	0.02
Test Data			
	Smoke	Dust	Pollen
Initial Concentration, part/cc	30393	239.88	6.83
Decay Constant	0.0028	0.0193	0.1100
Slope Std. Deviation	0.11	1.38	2.99

EXPERIMENTAL DECAY DATA

Parameter	Smoke	Dust	Pollen
Room Conditions			
Temperature, °F	70	71	70
Humidity, %	41	38	41
Background Count, part/cc	0.63	0.02	0.02
Test Data			
	Smoke	Dust	Pollen
Initial Concentration, part/cc	0	266.49	5.80
Decay Constant	0.3026	0.3057	0.4162
Slope Std. Deviation	2.39	1.54	10.14
Watts	109.33	108.10	109.77

Comments:	This sample meets Certification Program requirements; the ratings shall remain as certified. Filter Cartridge Model: NA This sample meets Energy Star requirements.
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Program Administrator


Program Manager