



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 20, 2014		
Test No.	AC-14078	Order No.	G101659992
Test Code	FST	Program Year	2014

Rendered To:	Winix, inc. 120 Prairie Lake Rd., Unit E East Dundee IL 60118
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Brand Name:	Winix	Test Date:	October 20, 2014
Brand Owner:	Winix, Inc	Model No.:	WACP150
Manufacturer:	Winix, Inc	Serial No.:	WNX1ZB0000241
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	98	99.7	102	PASS
Dust	98	107.4	110	PASS
Pollen	103	93.7	91	PASS

ENERGY STAR VERIFICATION

Results			
<i>Dust CADR/Watt</i>	3.8	PASS	
<i>Standby Power (Watts)</i>	1.29	PASS	

NATURAL DECAY DATA

Parameter	Smoke	Dust	Pollen
Room Conditions			
Temperature, °F	74	71	73
Humidity, %	39	41	41
Background Count, part/cc	3.88	0.02	0.03
Test Data	Smoke	Dust	Pollen
Initial Concentration, part/cc	29945	211.38	5.13
Decay Constant	0.0030	0.0147	0.1051
Slope Std. Deviation	0.06	0.31	7.01

EXPERIMENTAL DECAY DATA

Parameter	Smoke	Dust	Pollen
Room Conditions			
Temperature, °F	72	71	71
Humidity, %	41	42	42
Background Count, part/cc	2.91	0.03	0.03
Test Data	Smoke	Dust	Pollen
Initial Concentration, part/cc	0	224.45	5.60
Decay Constant	0.1020	0.1212	0.1980
Slope Std. Deviation	0.85	0.70	9.31
Watts	28.51	28.15	28.19

Comments:	This sample meets Certification Program requirements; the ratings shall remain as certified. Filter Cartridge Model: This sample meets/does not meet Energy Star requirements.
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Renee Spurger
Program Administrator

Libby
Program Manager