



Administrator,
AHAM Room Air Cleaner Certification Program
3933 US Route 11, Cortland, NY 13045
Tel: (607) 758-6366 Fax: (607) 753-0439



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 31, 2014		
Test No.	AC-14079	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.:	WACU300
Manufacturer:	Winix, Inc	Serial No.:	NA
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	197	177.6	90	PASS
Dust	197	198.1	101	PASS
Pollen	214	188.9	88	PASS

ENERGY STAR VERIFICATION

Results

Dust CADR/Watt	3.3	PASS	
Standby Power (Watts)	1.29	PASS	

NATURAL DECAY DATA

Parameter	Smoke	Dust	Pollen
Room Conditions			
Temperature, °F	70	75	75
Humidity, %	39	38	41
Background Count, part/cc	0.63	0.03	0.03
Test Data			
Initial Concentration, part/cc	33734	310.72	6.67
Decay Constant	0.0028	0.0166	0.1083
Slope Std. Deviation	0.11	1.01	3.60

EXPERIMENTAL DECAY DATA

Parameter	Smoke	Dust	Pollen
Room Conditions			
Temperature, °F	70	72	70
Humidity, %	37	37	41
Background Count, part/cc	3.79	0.02	0.03
Test Data			
Initial Concentration, part/cc	0	293.65	5.66
Decay Constant	0.1790	0.2132	0.2957
Slope Std. Deviation	1.33	1.90	6.19
Watts	61.24	60.25	59.10

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

Program Manager