

TEST REPORT

US CEC: California Code of Regulations, Title 20, Division 2, Chapter 4, Article 4.
Appliance, Efficiency Regulations, Sections 1601 through 1609

Report Reference No.: AOC251203016ER

Compiled by (print+ signature): Bruce Lin

Bruce Lin

Approved by (print+ signature): Robin Liu

Robin Liu

Lab Supervisor

Date of issue.....: 2025-12-08

Testing Laboratory.....: Shenzhen AOCE Electronic Technology Service Co., Ltd

Address.....: Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China

Testing location/address.....: Same as above

Applicant's name.....: AC Infinity Inc.

Address.....: 21880 Baker Parkway City of Industry

Manufacturer name.....: AC Infinity Inc.

Address.....: 21880 Baker Parkway City of Industry

Test Object.....: DEHUMIDIFIER

Trade Mark.....: AC INFINITY

Model / Type reference.....: AC-DHT3

Rating (s).....: Input: 100-240V~, 50/60Hz, 75W Max

Test specification:

Standard: CFR title 10, CHAPTER II, Subchapter D, Part 430, Appendix X1

Test procedure: Test report

Non-standard test method: N/A

Test Report Form No.....: TRF No. CEC

Test Report Form(s) Originator: AOCE

Master TRF.....: 2023-03-23

Summary of Testing:	
Tests performed (name of test and test clause):	Testing location:
The sample(s) tested complies with the requirements of CFR title 10, CHAPTER II, Subchapter D, Part 430, Appendix X1	Shenzhen AOCE Electronic Technology Service Co., Ltd Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
Summary of Compliance with National Differences:	
N/A	
Copy of Marking Plate:	
DEHUMIDIFIER Model: AC-DHT3 Rating: Input: 100-240V~, 50/60Hz, 75W Max   AC Infinity Inc. AC INFINITY Made in China	

Possible Test Case Verdicts:
Test case does not apply to the test object.....: N/A (Not Applicable)
Test object does meet the requirement.....: P (Pass)
Test object does not meet the requirement.....: F (Fail)
Testing:
Ambient temperature of tested: 25.0 °C
Test inputs.....: 120V~
Date of receipt of test item.....: 2025-11-24
Date (s) of performance of tests.....: 2025-11-24 to 2025-12-03
General Remarks:
Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or use in part without prior written consent from Shenzhen AOCE Electronic Technology Service Co., Ltd
General product information:
N/A

Table 1	Test result for dehumidification mode	
Item	Sampe #1	Sampe #2
Voltage (V)	120.1	120.1
Frequency (Hz)	60	60
Dry-bulb temperature of entering air °C	18.57	18.57
Wet-bulb temperature of entering air °C	13.72	13.72
Relatively humidity H_i (%)	59.82	59.82
Atmospheric pressure (kPa)	102.1	102.1
Dehumidifying capacity L/2h	0.335	0.334
Dehumidifying capacity C_t (pint/D)	8.71 pint/D	8.74 pint/D
Measured power input (W)	72.4	72.1
Off-cycle mode power input POC (W)	0.37	0.37
Inactive mode power input PIA (W)	0.31	0.31
Off- mode power input POM (W)	0	0
Calculate		
H_c (%)	59.9	59.9
C_r (pint/D)	8.68	8.61
Annual combined low-power mode energy consumption E_{TLP} (kWh)	1.114	1.111
Integrated energy factor IEF (L/kWh)	1.15	1.12

Table 1a	
Test item	IEF
Sample #1	1.15
Sample #2	1.12
Mean of sample	1.14
Sample Standard deviation	0.008
LCL(95%)	1.15
UCL(95%)	1.15
Declared value	1.02

Table 2 (CEC) Performance Criteria for Dehumidifiers: Pass	
Product Capacity (Pints/Day)	Minimum IEF (L/kWh)
=< 25.00	1.3
25.01 -50.00	1.6
>50.01	2.8

Product Photo



Fig. 1



Fig. 2



Fig. 3

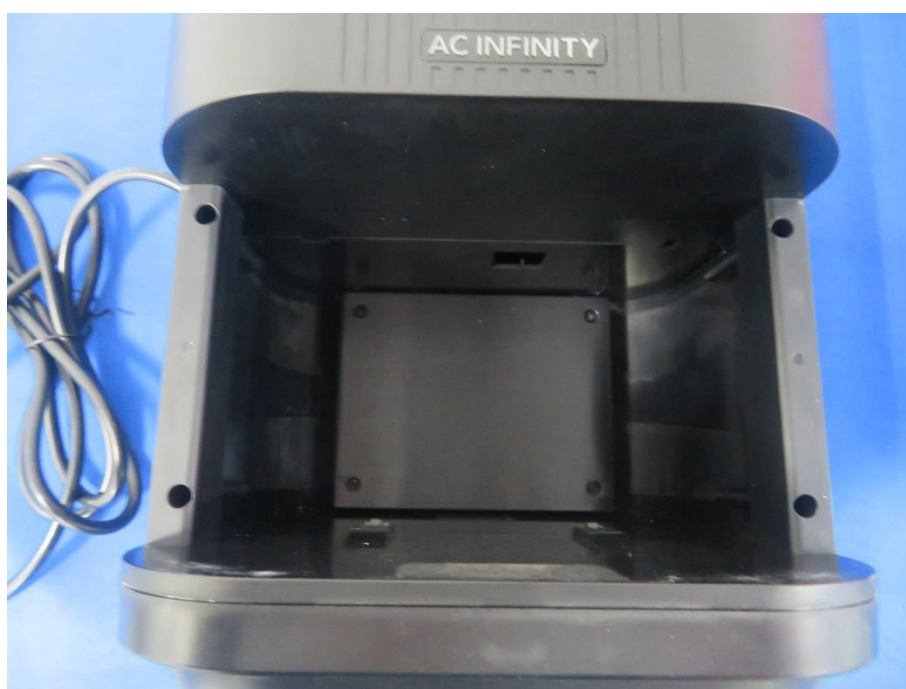


Fig. 4



Fig. 5

-- End of Report --