



Room Air Conditioners

ANSI/AHAM RAC-1-2015



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PREFACE

The Association of Home Appliance Manufacturers develops standards in accordance with AHAM's "Policy and Procedures Governing Technical Standards" which states:

"AHAM Standards shall be in the best interest, mutually, of consumers who use appliances, the industries which provide and service appliances, and other interested parties. They shall relate to actual use conditions, be technically and scientifically sound."

Use or observance of AHAM standards is voluntary.

This standard contains

Test procedures that may be applied to any brand or model of room air conditioner.
Results of tests in accordance with this standard may be publicly stated.

Recommended levels of performance which are considered important to include but which, necessarily, are recommendations only.

AHAM standards are presented to the American National Standards Institute (ANSI) for recognition as American National Standards. This standard was so recognized on May 13, 2015 and bears the American National Standard designation ANSI/AHAM RAC-1-2015.

The test results may be compared with AHAM's recommended level of performance, if any, for a particular product characteristic.

With regard to safety, AHAM recommends that all appliance products--both major and portable--manufactured or marketed in the United States be submitted to an appropriate independent laboratory such as Underwriters Laboratories, Inc., or the American Gas Association Laboratories, Inc., for inspection and listing in conformance with the safety standards and procedures followed by such laboratories. The relevant standards for room air conditioners are UL 484, *Room Air Conditioners*, and this standard, AHAM RAC-1, *Room Air Conditioners*.

AHAM welcomes comments and suggestions regarding this standard. Any standard may be reviewed and improved as needed. All standards must be updated or reconfirmed at least every five years. Any interested party, at any time, may request a change in an AHAM standard. Such request should be addressed to AHAM's President, and should be accompanied by a statement of reason for the request and a suggested alternate proposal.

When metric units are not specified, conversion from customary units should be done in accordance with the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) Metric Practice Guide, and the AHAM SI Metric Practice Guide for the Appliance Industry.

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CONTENTS

1.	PURPOSE	1
2.	SCOPE	1
3.	DEFINITIONS	1
3.1.	Room Air Conditioner	1
3.2.	Cooling Capacity	1
3.3.	Moisture Removal Capacity	1
3.4.	Heating Capacity	1
3.5.	Recirculated Air	2
3.6.	Ventilating Air	2
3.7.	Exhaust Air	2
3.8.	Standard Air	2
3.9.	Energy Efficiency Ratio	2
3.10.	Active mode	2
3.11.	Inactive mode	2
3.12.	Off mode	2
3.13.	Standby mode	3
3.14.	Rounding	3
4.	TESTING CONDITIONS	3
4.1.	General	3
4.2.	Active Mode	3
4.3.	Standby and Off Modes	4
5.	STANDARD MEASUREMENT TEST	5
5.1.	Standard Measurements	5
5.2.	Standard Test Conditions	5
5.3.	Nameplate	6
6.	PERFORMANCE TESTS - COOLING UNITS	6
6.1.	Cooling Capacity Test	6
6.2.	Electrical Input Test	6
6.3.	Standby and Off Mode Test	7
6.4.	Standby and Off Mode Annual Energy Consumption (E_{TSO})	7
6.5.	Energy Efficiency Ratio (EER)	8
6.6.	Average Annual Energy Consumption (E_{AAC})	8
6.7.	Combined Annual Energy Consumption (E_{CAE})	8
6.8.	Combined Energy Efficiency Ratio (CEER)	8
6.9.	Moisture Removal Capacity Test	8
6.10.	Recirculated Air Quantity Test	9
6.11.	Ventilating Air Quantity Test and Exhaust Air Quantity Test	9
6.12.	Maximum Operating Conditions Test	9
6.13.	Freeze-Up Tests	11
6.14.	Enclosure Sweat Test	13
6.15.	Condensate Disposal Test	14

7.	PERFORMANCE TESTS HEATING-COOLING UNITS.....	15
7.1.	Heating-Cooling Units.....	15
7.2.	Heating Capacity Test.....	15
7.3.	Electrical Input Test.....	15
7.4.	Application Heating Capacity Test.....	15
7.5.	Maximum Operating Conditions Test	16
7.6.	Outside Coil De-Icing Test	17
8.	SAFETY.....	18
APPENDIX A		19
APPENDIX B		23