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# **AMCA 211-13 (Rev. 10-18)**

## **Certified Ratings Program Product Rating Manual for Fan Air Performance**



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# **AMCA Publication 211-13 (Rev.10-18)**

## **Certified Ratings Program Product Rating Manual for Fan Air Performance**

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## AMCA Publications

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# Certified Ratings Program—Product Rating Manual for Fan Air Performance

## 1. Purpose and Scope

The purpose of this manual is to prescribe technical procedures to be used in connection with the AMCA Certified Ratings Program for fan air performance.

Products that can be licensed by AMCA to bear the AMCA certified ratings seals are those defined in ANSI/AMCA Standard 99, Section 0068; ISO 13349; and IEC 60335-2-80 and are within the product scope of AMCA International.

The program applies only to fans and axial impellers.

## 2. Normative References

AMCA Publication 11, Certified Ratings Program Operating Manual  
ANSI/AMCA Standard 99, Standards Handbook  
AMCA Publication 111, Laboratory Accreditation Program  
AMCA Publication 200, Air Systems  
ANSI/AMCA Standard 205, Energy Efficiency Classification for Fans  
ANSI/AMCA Standard 207, Fan System Efficiency and Fan System Input Power Calculation  
ANSI/AMCA Standard 208, Calculation of the Fan Energy Index  
ANSI/AMCA Standard 210, Laboratory Methods of Testing Fans for Certified Aerodynamic Performance Rating  
ANSI/AMCA Standard 220, Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating  
ANSI/AMCA Standard 230, Laboratory Methods of Testing Air Circulating Fans for Rating and Certification  
ANSI/AMCA Standard 240, Laboratory Methods of Testing Positive Pressure Ventilators for Aerodynamic Performance Rating  
ANSI/AMCA Standard 250, Laboratory Methods of Testing Jet Tunnel Fans for Performance  
ANSI/AMCA Standard 260, Laboratory Methods of Testing Induced Flow Fans for Rating  
AMCA Publication 311, Certified Ratings Program Product Rating Manual for Fan Sound Performance  
ISO 5801, Industrial Fans — Performance Testing Using Standardized Airways  
ISO 13350, Industrial Fans — Performance Testing of Jet Fans  
Appendix U to Subpart B of Part 430 — Uniform Test Method for Measuring the Energy Consumption of Ceiling Fans, 10 CFR Part 430, Subpart B — Test Procedures  
10 CFR Part 429, Subpart B — Certification  
IEC 62301, Ed. 2 2011-01, Household electrical appliances — Measurement of standby power

## 3. Definitions

All definitions in AMCA Publication 11, ANSI/AMCA Standard 99, as well as the following, apply to this program:

### 3.1 AMCA Certified Ratings Program air performance

A program for certifying a product's aerodynamic performance ratings, as defined in this document.

### 3.2 Appurtenance (accessory)

Any item in or on the inlet or discharge airstream that affects the performance of the fan. An accessory/appurtenance is henceforth referred to as an appurtenance.