

AMCA INTERNATIONAL CERTIFIED RATINGS PROGRAM

The International Authority on Air System Components Since 1917

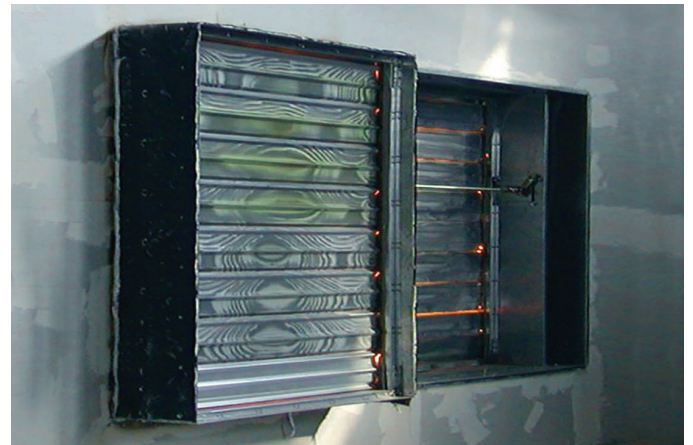


ABOUT **AMCA**

The Air Movement and Control Association (AMCA) International, a not-for-profit association of air system equipment manufacturers, is regarded worldwide as the authority on air system components.

Upon its creation in 1917, AMCA articulated a mission: to advance the health, growth and integrity of the air systems industry. A century later, that mission remains the same. In fact, AMCA now works harder than ever to effect positive change. The association offers third-party testing to bolster market integrity. It provides thought leadership to code councils and regulatory bodies. And it evaluates new technologies as they emerge, allowing system designers to more accurately predict performance in the field.

What has changed since AMCA's inception is its regional focus. Though the organization was founded in the United States, AMCA has expanded to become truly international. It now has over 360 member companies, which includes 172 in the Americas, 135 in Asia, 26 in Europe and 23 in the Middle East. So while AMCA's mission remains unchanged, its potential to advance the industry is greater than it has ever been.



CERTIFIED RATINGS PROGRAM

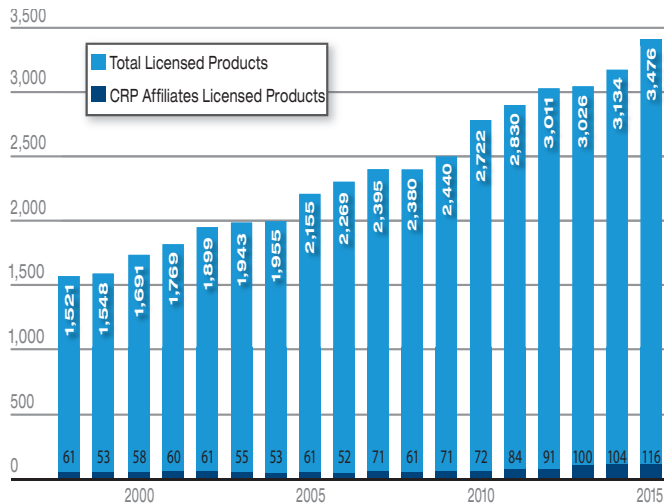
The AMCA Certified Ratings Program (CRP) benefits the air movement and control industry on the manufacturer end and the user end. AMCA tests participating companies' products in its lab to make sure reported data is within a set tolerance. This way, buyers have the assurance that manufacturers' ratings are accurate. Since AMCA reports how the product was tested and what appurtenances were included during the test, specifiers know they've made the proper selection for their project. And manufacturers can boast ratings that have been tested to industry-vetted standards by an impartial authority—AMCA.

01. Tests are conducted in laboratories approved by the AMCA Laboratory Accreditation Program. Tested units are sent for precertification.

03. AMCA maintains an online, publicly available directory of licensed products, enabling easy assurance that products are AMCA certified.

02. Licensed products are open to challenge tests initiated by competing manufacturers.

04. Each licensed product line is subject to continuing check tests in AMCA laboratories.



PRODUCT CERTIFICATION

To participate in the CRP, manufacturers must complete AMCA's process. Participants sign a license agreement, test products, submit test data and catalog data to AMCA staff for review and undergo periodic check tests.

AMCA reviews manufacturers' catalogs to ensure that all program requirements have been met and that published performance data is within the required tolerances when compared against the test data submitted with the application. AMCA reviews all catalogs the manufacturer makes publicly available, including electronic selection software programs.

AMCA-CERTIFIED PRODUCTS

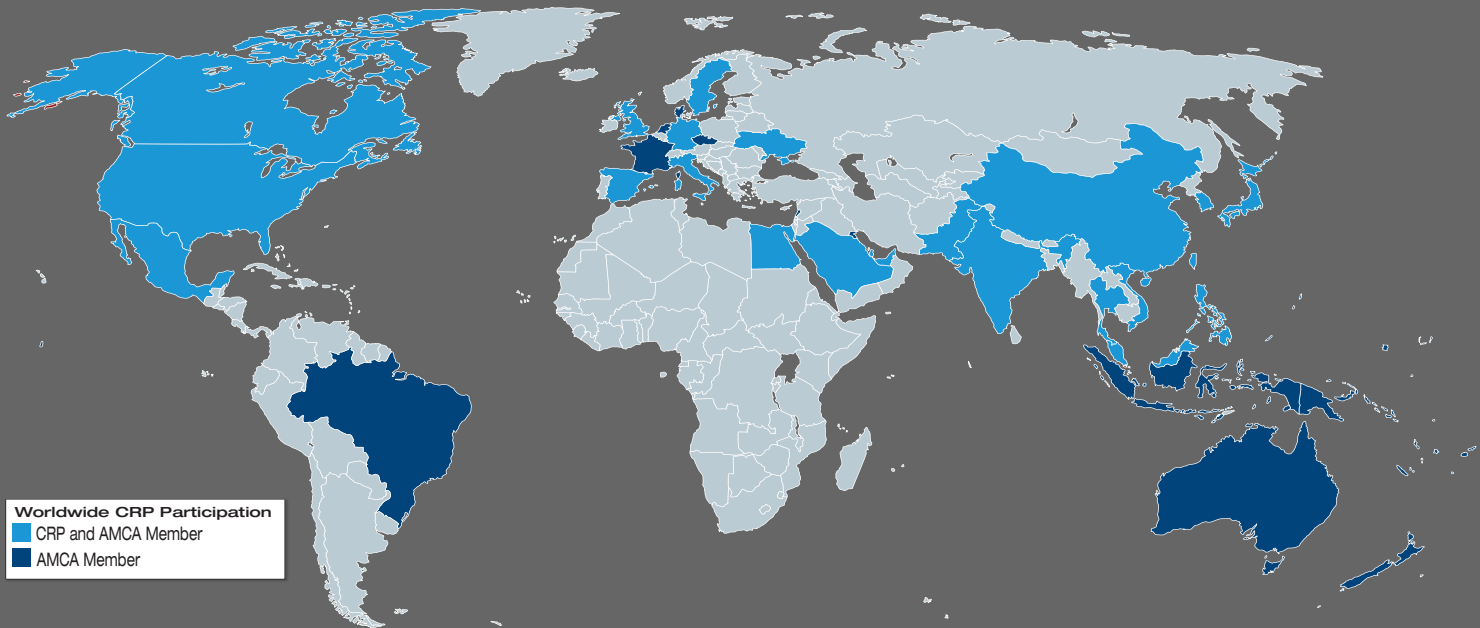
Trustworthy. Experienced. Knowledgeable. Impartial. AMCA is known for these qualities, and the association's Certified Ratings Program (CRP) seal is synonymous with integrity. Therefore, there is a vigorous vetting process in place. Not every product can bear the CRP seal.

Just because a product was tested to an AMCA standard does not mean the product is AMCA-certified. The CRP seal signifies much more about the product upon which it is placed. AMCA tests in accredited labs and performs periodic check tests of certified products, reviewing catalog data and confirming it is based on test report data. Uncertified products accompanied by claims to have been "tested in accordance with" an AMCA test standard undergo no direct observation by AMCA. Only a product that passes AMCA checks is licensed to bear the program's seal.

There are 22 product categories covered by the AMCA CRP:

- Agricultural Fans
- Axial Fans
- Ceiling Ventilators
- Centrifugal Fans
- Energy Recovery Ventilators
- Evaporative Coolers
- Jet tunnel Fans
- Mixed Flow Fans
- Power Roof Ventilators
- Propeller Fans
- Air Circulation Fans
- Air Curtain Units
- Induced Flow Fans
- Positive Pressure Ventilators
- Airflow Measurement Stations
- Dampers
- Louvers
- Sand Louvers
- Gravity Ventilators
- Spiral Duct
- Transverse Duct Connectors
- Acoustic Duct Silencers

The CRP continues to expand throughout the world, with over 3400 certified products from 241 companies spanning 27 countries. Any company or corporation—whether an AMCA member or not—is eligible to participate in the CRP. To learn more, visit www.amca.org/certified.



AMCA CERTIFIED RATINGS PROGRAM SEAL

Once a product is licensed, Certified Ratings Program (CRP) seals can be affixed to equipment, and the image of the seal can be shown in catalogs and sizing/selection software. But seals can only be applied according to the rules laid out in AMCA's CRP publications. For example, they must be directly and specifically associated with a currently licensed product. Seals cannot be displayed on the cover of a catalog containing both licensed and unlicensed products.

Some products can earn more than one certification. In such cases, their seals usually show the combined certifications.



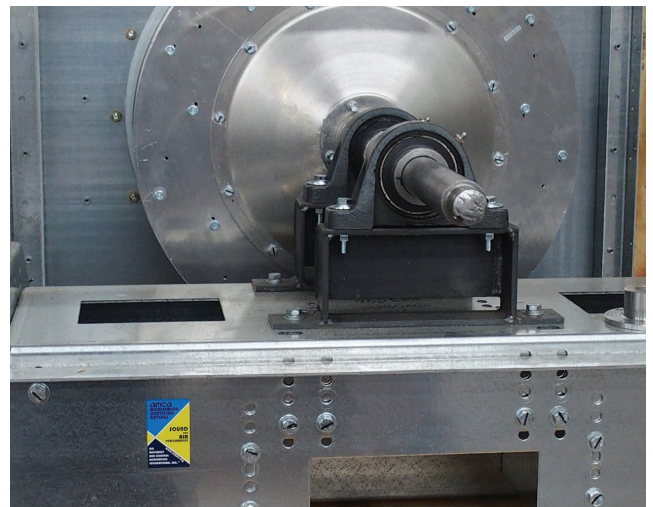
In some cases, performance seals can be used for several product types. For example, the seal for air performance can be issued for both fans and dampers.



Multiple certifications can be combined into a single label, like this seal for a louver certified for water penetration, air performance and wind-driven rain.

MAINTAIN CERTIFICATION

For certification, AMCA requires an initial verification check test soon after the license appendix is issued. For prototype samples, the test must occur within a year. For production samples and alternate manufactured products, that time frame is three years. After that, verification check tests are performed on a three-year cycle. Once the manufacturer passes consecutive verification tests, the testing interval increases. If a product line produces unsatisfactory test results, however, it must be check tested every year until it begins to pass consecutive tests.



www.amca.org/certified

RESOURCES

AMCA International Headquarters and Laboratory

www.amca.org

AMCA White Papers

www.amca.org/whitepapers

CRP Publications (no cost) and Standards (cost)

www.amca.org/store

Searchable CRP Database of AMCA Certified Products

www.amca.org/certified-listed/cpsearch.php



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