



**AIR MOVEMENT AND CONTROL  
ASSOCIATION INTERNATIONAL, INC.**

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**CHECKLIST: LOUVER CATALOGS**

CATALOG IDENTIFICATION \_\_\_\_\_ DATE OF CATALOG \_\_\_\_\_

**I. SEAL USAGE IN CATALOGS**

**A. Pick the Correct Seal: [check all that apply]**

- Air Performance
- Water Penetration and Air Performance
- Air Performance and Wind Driven Rain
- Air Leakage
- Air Leakage, Air Performance
- Wind Driven Rain
- Water Penetration, Air Performance, Wind Driven Rain
- Water Penetration, Sound and Air Performance

**B. Placement of Seal: [check all that apply]**

- 1. If the catalog contains all licensed products, the seal and qualifying statement shall be prominently displayed either on the cover or in the catalog.
- 2. If the catalog contains both licensed and unlicensed products, the seal and qualifying statement shall not be shown on the outside cover.
- 3. In addition, the seal may be shown on any page with licensed performance data.

**C. Reproduction of Seal**

- 1. Size: No reproduction of the AMCA International Certified Ratings Seal in published material shall be larger than 42 mm x 70 mm (1 5/8 inches x 2 3/4 in.), unless the AMCA International staff gives specific permission.
- 2. Color: When using one color reproduction, black is preferred. If light colored paper is used, regard it as white for this purpose. The full color AMCA Seal may be used. The CRP Manager will email reproductions of the seal for use in the catalog upon request.

**D. Member Logo**

- Other than the AMCA International Certified Ratings Seal, no logo or mark incorporating the acronym AMCA International or initials A.M.C.A. such as the member logo shall be reproduced in any catalog or publication containing performance ratings of any kind.



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## **II. QUALIFYING STATEMENT ADJACENT TO THE SEAL**

In catalogs containing ratings of licensed products, the following statement shall be printed prominently and immediately adjacent to the reproduction of the AMCA Certified Ratings Seal as required by I B:

(Licensee's name as shown on License Agreement) certifies that the (product description) shown herein is (or are) licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

## **III. CATALOG IDENTIFICATION REQUIREMENTS**

Catalogs containing performance ratings of licensed products shall be provided with a catalog identification reference, and the month and year of publication shall be spelled out, e.g. "November 2004," on the outside front or outside back cover of the product catalog.

The catalog identification may be any combination of letters and/or numbers. Where ratings are on separate sheets or on loose leaf that may be removed from the cover, each sheet or loose leaf shall be identified and dated as above. The final printed catalog shall have a current date.

## **IV. REQUIRED STATEMENTS**

### **A. Statement Following the Qualifying Statement**

Immediately following the seal and qualifying statement there should be statement identifying the type of performance that is licensed. The sentence should say "The AMCA Certified Ratings Seal applies to XXXXX only." As an example "The AMCA Certified Ratings Seal applies to water penetration and air performance ratings only." or "The AMCA Certified Ratings Seal applies to Wind Driven Rain ratings only."

### **B. Water Penetration Statement**

Published ratings of water penetration performance of louvers shall be a statement of the free area velocity at which the beginning of water penetration occurs. Published ratings may also be shown as a curve of water penetration provided the curve is in accordance with the regression formula.

### **C. Air Leakage Statement**

Published air leakage data shall state that air leakage is based on operation between 10°C – 40°C (50°F – 104°F).

## **V. ADDITIONAL REQUIREMENTS**

### **A. Test Size of Louver and Duration of Test**

The test size of the louver and the duration of the test shall be included on published results of each catalog series.



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### **B. Water Penetration Graph**

- The water penetration graph shall be in equal increments (linear) and the grid shall be from 0 to 0.3 ounces per square foot of water.
- The minimum abscissa velocity shall start on an even 100 fpm more than 60 fpm below the velocity at the beginning of water penetration; the maximum abscissa velocity shall be up to 100 fpm past the 0.3 oz of water per ft<sup>2</sup> of free area.
- The starting point of the curve shall be marked and/or labeled as the beginning point of water carryover.

### **C. Tested Mode**

- Published data shall indicate the mode tested (intake or exhaust) or the test data will be provided to AMCA that indicates that the data published is the worst case.

### **D. Air Leakage Ratings**

- The method of torque or force calculation shall be clearly identified in the published data.

### **E. Acoustical Ratings**

- Published acoustical ratings shall include pressure drop ratings on the louver.
- Acoustical ratings shall be stated as free field noise reduction (dB) in the 2<sup>nd</sup> thru 7<sup>th</sup> octave bands. Free field noise reduction shall be determined by adding 6 dB to the transmission loss (dB).
- Published ratings for air performance shall be a statement of the maximum  $\Delta P$ s for a specified airflow rate at standard air density and the AMCA figure or figures tested to.
- Pressure drop information shall be presented rounded to the nearest Pascal if using SI units in literature or presented with a maximum of two digits after the decimal point if using Inch-Pound units (I-P).
- The portion of the curve obtained by extrapolation shall be charted with a broken line and must be a smooth continuation of the adjacent portion of the curve. The static pressure drop shall not be extrapolated more than 50 percent of the range of the test either upwards or downward.

### **F. Free Area Chart**

- Published ratings shall include a table of louver free area for the product line using a maximum increment of 305 mm (12 in.).



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**VI. MISCELLANEOUS ITEMS FOR ALL CATALOGS**

- Where the ratings of licensed products are on the same page or "spread" as nonlicensed products, a clear physical separation and statement shall differentiate licensed products from nonlicensed products.
- The maximum and minimum stated louver size in the construction description shall be the same as the largest and smallest sizes on the free area chart as well as the CRP form.
- The use of asterisks or similar marks to distinguish licensed products from nonlicensed products is unacceptable.
- In connection with nonlicensed products, the use of any phrase that is liable to be misinterpreted to mean that such products are licensed to use the AMCA International Certified Ratings Seal shall be prohibited. Phrases such as "tested and rated to AMCA International standards" or "rated to AMCA International standards" shall not be used.
- There shall be no unauthorized use of AMCA International copyrighted material. See the AMCA International website for the policy on using AMCA copyrighted material.