

# AMCA 550

## Test Method for High Velocity Wind-Driven Rain Resistant Louvers

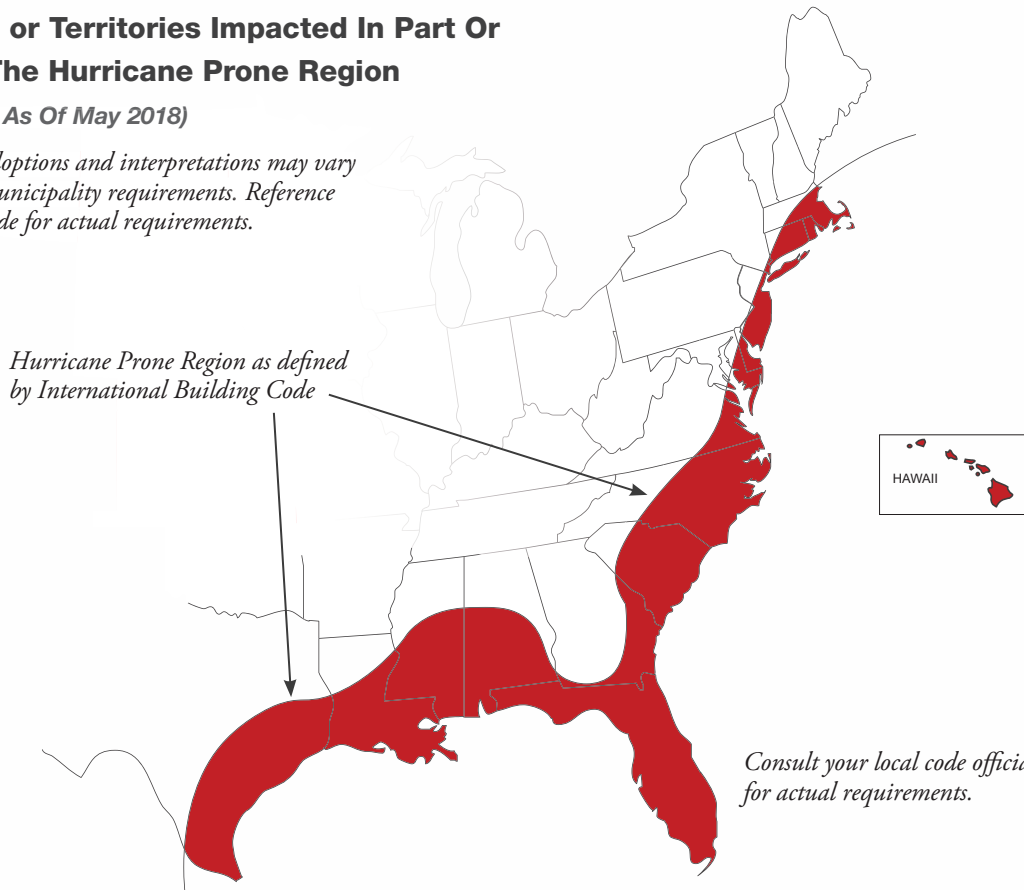
Did you know that, if located in the Hurricane Prone Region, **all intake and exhaust louvers must comply with AMCA 550** (Test Method for High Velocity Wind Driven Rain Resistant Louvers) per the International Mechanical Code? The AMCA 550 test standard simulates external wind speeds up to 110 MPH with an external rainfall rate of 8.0 in. per hour. To pass AMCA 550, no more than 1% of the total sprayed water volume may penetrate the louver. If your state has adopted International Building Code 2012, 2015 and 2018 now is the time to ensure that all intake and exhaust louver specifications call for an AMCA 550 Listed louver, if located in the Hurricane Prone Region.



### U.S. States or Territories Impacted In Part Or Whole By The Hurricane Prone Region

*(IBC Adoption As Of May 2018)*

*Building code adoptions and interpretations may vary based on local municipality requirements. Reference local building code for actual requirements.*



# Louver Selection

Greenheck offers a complete line of AMCA 550 Listed louvers, ranging from high performance vertical blade products, dual-module horizontal front/vertical rear louvers and combination louver-dampers that will not only meet the function required, but the form desired.



## EVH-501D

- 5-inch frame depth
- Vertical blades
- 54% free area
- Miami-Dade Notice of Acceptance and Florida Building Code Approved
- AMCA 500-L Certified
  - Air Performance, Water Penetration and Wind Driven Rain
- **AMCA 540 and 550 Listed**

## EVH-660D

- 6-inch frame depth
- Vertical blades
- 46% free area
- Miami-Dade Notice of Acceptance and Florida Building Code Approved
- AMCA 500-L Certified
  - Air Performance, Water Penetration and Wind Driven Rain
- **AMCA 540 and 550 Listed**



## EHV-550 & EHV-550D

- 5.5-inch frame depth
- Horizontal front blades/vertical rear blades
- 50% free area
- Miami-Dade Notice of Acceptance and Florida Building Code Approved
  - *EVH-550D only*
- AMCA 500-L Certified
  - Air Performance, Water Penetration and Wind Driven Rain
- **AMCA 540 and 550 Listed**

## EHV-901D

- 9-inch frame depth
- Horizontal front blades/vertical rear blades
- 54% free area
- Miami-Dade Notice of Acceptance and Florida Building Code Approved
- AMCA 500-L Certified
  - Air Performance, Water Penetration and Wind Driven Rain
- **AMCA 540 and 550 Listed**



## EVH-302 & EVH-302D

- 3-inch frame depth
- Vertical blades
- 51% free area
- Miami-Dade Notice of Acceptance and Florida Building Code Approved
  - *EVH-302D only*
- AMCA 500-L Certified
  - Air Performance, Water Penetration and Wind Driven Rain
- **AMCA 540 and 550 Listed**

## EHH-601D with VCD-40

- 6-inch louver frame depth
- Horizontal blade louver with factory attached control damper
- 45% free area
- Miami-Dade Notice of Acceptance and Florida Building Code Approved
- AMCA 500-L Certified
  - Air Performance, Water Penetration and Wind Driven Rain
- **AMCA 540 and 550 Listed**
  - *AMCA 550 with dampers in fully closed position*



## EACA-601D

- 6-inch frame depth
- Horizontal blade combination louver/damper
- 48% free area
- Miami-Dade Notice of Acceptance and Florida Building Code Approved
- AMCA 500-L Certified
  - Air Performance, Water Penetration
- **AMCA 540 and 550 Listed**
  - *AMCA 550 with dampers in fully closed position*

**For more information on the Hurricane Prone Region or louver requirements in the Hurricane Prone Region please contact your local Greenheck representative or Greenheck directly at [louvers@greenheck.com](mailto:louvers@greenheck.com).**

