EXTRUDED ALUMINUM, 7” DEEP, HORIZONTAL FIXED TYPE BLADE FOR WIND DRIVEN RAIN

MODEL LE-73
STANDARD SPECIFICATIONS

FRAME: 7” DEEP CHANNEL, .081” THICK 6063-T5 EXTRUDED ALUMINUM ALLOY.

BLADES: .081” THICK 6063-T5 EXTRUDED ALUMINUM ALLOY.

FINISH: MILL.

SILL PAN: .050 THICK FORMED ALUMINUM.

SCREEN: 1/2” REMOVABLE EXPANDED ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR.

MAXIMUM PANEL SIZE: 96” X 96”.

MINIMUM PANEL SIZE: 12” X 12”.

DIMENSIONS: “A” (WIDTH) AND “B” (HEIGHT) ARE OPENING SIZES. LOUVERS ARE MADE 1/2” UNDERSIZE.

American Warming and Ventilating certifies that the model LE-73 louver shown herein is 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. The AMCA Certified Ratings Seal applies to Air Performance, Water Penetration and Wind Driven Rain only.
Water Penetration: 0.01 oz (3.0 g) at 834 fpm (4.17 m/s) recommended free area velocity
Pressure Drop: 0.28 in wg (71.0 Pa.) at 834 fpm (4.17 m/s) and 6140 scfm (2.9 scm/s)
Free Area: 7.36 sq ft (0.684 sq m) = 46.0% for 48" x 48" (1.22m x 1.22m) test size

Wind-Driven Rain
Penetration Classes: C
Discharge Loss Coefficient Classes:

- Class Effectiveness Class Coefficient
  - A 100% to 99% 1 0.4 & above
  - B 98.9% to 95% 2 0.3 to 0.399
  - C 94.9% to 80% 3 0.2 to 0.299
  - D Below 80% 4 0.199 & below

AMCA Figure 5.5 Test Setup

Intake Discharge Loss Coefficient Class = 4
Ratings include the effect of a drain pan.

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