
AC153 - RECOMMENDED SPECIFICATION**GENERAL**

Furnish and install where indicated on plans or described in schedules Louver Type AC153 as designed and manufactured by The Airlite Company LLC, Schofield, Wisconsin. Louvers shall be furnished with bird screen, insect screen, supports, installation hardware and finishes as specified and as required for a complete installation.

PRODUCTS

Louvers shall be architectural blade Louver Type AC153 with visible vertical mullions. Louvers shall be 1-1/2-inches (38.1 mm) deep and assembled entirely from aluminum components. Blades shall be 0.050-inch (1.27 mm) thick aluminum, alloy 5052-H32 and frames shall be 0.063-inch (1.6 mm) thick aluminum, alloy 6063-T5. Blades shall be stationary, horizontal and spaced 3/4-inches (19.1 mm) on center.

STRUCTURAL DESIGN CRITERIA

Maximum single section size for model AC153 is 96 in. W x 48 in. H. Larger openings require field assembly of multiple louver panels to make up the overall opening size. Structural reinforcing members may be required to adequately support and install multiple louver panels within a large opening. Structural reinforcing members along with any associated installation hardware is not provided by Airlite unless indicated otherwise by Airlite. Additional information on louver installation may be found in AMCA Publication #501, Louver Application Manual.

PERFORMANCE RATINGS

FREE AREA: 11.20 Square Feet (1.04 m²)

MINIMUM FREE AREA VELOCITY
at Beginning Point of Water Penetration: not rated

MINIMUM AIR VOLUME FLOW RATE
at Beginning Point of Water Penetration: not rated

PRESSURE DROP
at Beginning Point of Water Penetration: not rated