

## **AC420/CB420 - RECOMMENDED SPECIFICATION**

### **GENERAL**

Furnish and install where indicated on plans or described in schedules Louver Type AC420 (or CB420) as designed and manufactured by The Airolite Company LLC, Marietta, Ohio. Louvers shall be furnished with bird screen, insect screen, supports, installation hardware and finishes as specified and as required for a complete installation.

### **SUBMITTALS**

Manufacturer shall submit shop drawings incorporating key plans, elevations, sections and details showing profiles, angles and spacing of louver blades and frames; unit dimensions related to wall openings and construction; and, anchorage details and locations. Provide samples of manufacturer's finish and color charts showing the full range of colors available.

### **PRODUCTS**

Louvers shall be Airolite Louver Type AC420 with visible vertical mullions (or Louver Type CB420 with concealed vertical mullions). Louvers shall be 1-1/2-inches (38.1 mm) deep and assembled entirely from extruded aluminum components. Blades and frames shall be 0.063-inch (1.60 mm) thick extruded aluminum, alloy 6063-T5. Blades shall be stationary, horizontal and spaced 0.75-inch (19.05 mm) on center.

### **STRUCTURAL DESIGN CRITERIA**

Louvers larger than 96-inches wide x 48-inches high will be fabricated and installed in multiple sections, but limited to one section high.

### **PERFORMANCE RATINGS**

|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| FREE AREA:                               | 7.40 Square Feet (0.69 m <sup>2</sup> ) |
| 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                               |
| MAXIMUM STATIC PRESSURE                  |                                         |
| at Beginning Point of Water Penetration: | not rated                               |