
PART 1 GENERAL

1.1 SECTION INCLUDES

- .1 System consists of the supply and installation of 2 prefinished circular louvres in the gable ends of the apparatus bay. All other masonry mechanical louvres are supplied and installed by Section 15 but colour matched with the circular louvre in this section.

1.2 RELATED SECTIONS

- .1 Section 04200 Unit Masonry
- .2 Section 07900 Joint Sealers
- .3 Section 15000 Mechanical

PART 2 PRODUCTS

2.1 MANUFACTURERS

- .1 4" Extruded Aluminum Louvre, standard blade, model:1604SB.a Manufactured by NAILOR INDUSTRIES INC.
- .2 Model 1604SB, Standard Blade type, is an architecturally styled 4" (102) deep louvre design with smooth, clean lines that visually compliment any structure's exterior styling. Available in channel or flanged type, the 4" (102) deep frame installs easily in most common wall configurations. The drainable head feature utilizes a top gutter that collects the water running down the building face and channels it out the concealed downspouts in the side frame, thus preventing it from flowing down into the airstream. Suitable for use in exhaust and low to medium velocity intake applications, the blade design features a rear water baffle and provides good protection against general weather conditions, with low pressure drop characteristics and a high free area. Reinforcing bosses run the full length of each blade for superior strength. Model 1604SB is AMCA Licensed and is engineered to be architecturally appealing as well as mechanically enduring.
- .3 Standard Construction:
 - .1 Frame: 4" (102) deep. Type 6063-T5 extruded aluminum, .080" (2.03) nominal wall thickness. Integral caulking slot provided.
 - .2 Blades: Type 6063-T5 extruded aluminum, .080" (2.03) nominal wall thickness, with reinforcing bosses.
 - .3 Blade Angle: Fixed at 37 degrees.

- .4 Blade Spacing: Approx. 4" (102) on centre.
- .5 Blade Support Brackets: Concealed type, factory installed on rear of louvre on maximum 48" (1219) centres. Reinforced with 1" x 1" (25 x 25) angle (adds approx. 1" (25) to overall louvre depth).
- .6 Mullions: Concealed architectural type. See Note #1.
- .7 Screen: ½" x ½" x 19 ga. (13 x 13 x 1.0) galvanized bird screen.
- .8 Finish: Mill.
- .9 Minimum Size: 12" wide x 12" high (305 x 305).
- .10 Maximum Size: 120" wide x 96" high (3048 x 2438).
- .4 Options:
 - .1 Custom Round 3'- 2 (970 mm) Nominal Frame
Refer to arch and mech drawings.
- .5 Optional Finishes:
 - .1 Baked Enamel. Colour: Red (Match red brick colour)
Sample colour chart required for architect approval.
- .6 Notes:
 - .1 For standard shipping purposes, maximum section size is limited to 120" wide x 84" high (3048 x 2134) or 84" wide x 120" high (2134 x 3048). Painted or anodized louvres may require smaller sections as dictated by process limitations. Larger sizes will be manufactured in sections with hidden architectural style rear mullions for assembly in the field.
 - .2 Birdscreen adds 3/8" (10) to louvre depth.
 - .3 All mounting hardware, clip angles, etc. by others.

PART 3 EXECUTION

3.1 PREPARATION

1.1 Coordinate the work with the masonry and mechanical subtrades.

1.2 Clean louvre blades and protect from masonry work that occurs above louvre.

END OF SECTION