

## AIR OUTLETS

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### 1. GENERAL

#### 1.1 Scope

- .1 Outside louvers

#### 1.2 Quality Assurance

- .1 Outside louvres shall bear AMCA seal for free area and water penetration.

#### 1.3 Project Conditions

- .1 Review requirements of outlets as to size, finish and type of mounting prior to submitting Shop Drawings and schedules of outlets.
- .2 Positions indicated are approximate only. Check locations of outlets and make necessary adjustments in position to conform with Architectural features, symmetry, and lighting arrangement.

#### 1.4 Submittals

- .1 Submit Shop Drawings with complete catalogue information, materials of construction, dimensions and accessories for all, louvres and components in this Specification Section, and as scheduled.
- .2 Submit colour selection charts of finishes for approval prior to fabrication.

### 2. PRODUCTS

#### 2.1 Outside Louvers

- .1 Louvers 100 mm (4 in) deep with stationary blades on 43° slope.
- .2 Each louver shall be fitted with 13 mm ( $1/2$ " ) x 1.60 mm (0.063") aluminum bird screen in a non-rewirable U-frame.
- .3 Fabricate of 2.0 mm (0.081 in) extruded aluminum (6063T5) blades and frame. Provide welded assembly.
- .4 Louvers shall be factory primed and finishes after assembly with a clear coat of Duranar resin coating. Primer and Duranar resin coating shall be oven baked in accordance with the coating Manufacturer's instructions.
- .5 Louvers shall bear AMCA Certified Ratings Seals for air performance and water penetration ratings.

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.6 Provide aluminium insect screen to the exterior frame of the louvre in a removable frame.

**3. EXECUTION**

**3.1 Louver Schedule**

<b>Tag</b>	<b>Manufacturer Model No.</b>	<b>Frame</b>	<b>Core</b>	<b>Size – mm (in) Width x Height</b>	<b>Cap. – l/s (cfm)</b>	<b>Fast.</b>	<b>Finishes</b>	<b>Options</b>
L-1	Airolite K638X		Storm- proof	See Dwgs.	See Dwgs.	Mtg angle	2	1,2

Finishes:                      1. Baked enamel                      3. Duranar XL  
   2. Duranar                              4. Match adjacent panelling

Options:                        1. Formed metal sill                      3. Aluminum bird screen  
   2. Aluminum insect screen              4. Removable access door

**END OF SECTION**