

# Louvers

## The Right Solution for Warehouse & Distribution Centers

Are you designing or specifying exterior weather louvers for Warehouse/Distribution Center projects? When it comes to the selection of louver products there are seemingly endless styles and configurations you may consider. Design professionals must consider both protection from extreme weather elements along with aesthetics. Fortunately, Airolite manufactures an industry leading line of high performance louvers that will meet both the function and the form for your next Warehouse/Distribution Center project.

*\*For product specifications see reverse side.*



## Louver Selection

### ADJUSTABLE LOUVERS



#### **T6796**

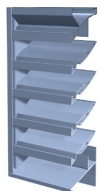
- 6 inch frame depth
- Adjustable drainable blades
- AMCA Certified
  - Air Performance and Water Penetration
- 55% free area
- **Highest intake volume capacity in its class**
- Ideally suited for conventional intake and exhaust applications



#### **T6636**

- 6 inch frame depth
- Adjustable blades, 90 degree full open
- AMCA Certified
  - Air Performance and Water Penetration
- 68% free area
- **Ideally suited for high volume emergency exhaust applications**

### COMBINATION LOUVERS



#### **K8206A**

- 6 inch frame depth
- Combination louver/damper
- Drainable stationary blades, airfoil adjustable blades
- AMCA Certified
  - Air Performance and Water Penetration
- 48% free area
- **Extremely high intake volume capacity with extremely low airflow resistance**
- Ideally suited for conventional intake and exhaust applications



#### **K8206AMD**

- Dade County and Florida Building Code Approved
- 6 inch frame depth
- Combination louver/damper
- Drainable stationary blades, airfoil adjustable blades
- AMCA Certified
  - Air Performance and Water Penetration
- 48% free area
- **Ideally suited for conventional intake and exhaust applications in the Hurricane Prone Region and Wind Borne Debris Region**

## Suggested Specifications

### T6796 Suggested Specification

Louvers shall be adjustable style. Frame shall be 6 in. deep with 0.125 in. nominal 6063-T5 extruded aluminum wall thickness. Blades shall be operable drainable style positioned on 35 degree angles and approximately 4.5 in. centers with 0.081 in. nominal 6063-T5 extruded aluminum wall thickness. Louvers shall be provided with dual-durometer extruded vinyl blade seals and compressible stainless steel jamb seals. Axles shall be 0.5 in. dia. zinc plated steel. Bearings shall be synthetic sleeve type. Blade linkage shall be out of airstream (concealed in frame). Louver performance shall be certified in accordance with the AMCA 511 Certified Ratings Program for AMCA 500-L Air Performance and Water Penetration and shall be licensed to bear the AMCA Seal. Free area for a size 48 in. x 48 in. louver shall not be less than 8.73 Sq. Ft. (54.6%). Static pressure drop shall not be greater than 0.130 in. wg at 1000 fpm free area intake or exhaust velocity. Beginning point of water penetration shall not be less than 1107 fpm free area intake velocity. Design professional shall determine and specify factory supplied actuator type accordingly.

### T6636 Suggested Specification

Louvers shall be adjustable style. Frame shall be 6 in. deep with 0.125 in. nominal 6063-T5 extruded aluminum wall thickness. Blades shall be operable J style positioned on 90 degree angles and approximately 4 in. centers with 0.081 in. nominal 6063-T5 extruded aluminum wall thickness. Louver blades shall not pivot beyond the plane of the louver frame when in the full open position. Louvers shall be provided with dual-durometer extruded vinyl blade seals and compressible stainless steel jamb seals. Axles shall be 0.5 in. dia. zinc plated steel. Bearings shall be synthetic sleeve type. Blade linkage shall be out of airstream (concealed in frame). Louver performance shall be certified in accordance with the AMCA 511 Certified Ratings Program for AMCA 500-L Air Performance and shall be licensed to bear the AMCA Seal. Free area for a size 48 in. x 48 in. louver shall not be less than 10.87 Sq. Ft (67.9%). Static pressure drop shall not be greater than 0.130 in. wg at 1000 fpm free area intake or exhaust velocity. Design professional shall determine and specify factory supplied actuator type accordingly.

### K8206A Suggested Specification

Louvers shall be combination louver-damper style. Frame shall be 6 in. deep with 0.125 in. nominal 6063-T5 extruded aluminum wall thickness. Stationary blades shall be drainable style positioned on 45 degree angles and approximately 5 in. centers with 0.081 in. nominal 6063-T5 extruded aluminum wall thickness. Operable blades shall be airfoil style with 0.063 in. nominal 6063-T5 extruded aluminum wall thickness. Louvers shall be provided with dual-durometer extruded vinyl blade seals and compressible stainless steel jamb seals. Axles shall be 0.5 in. dia. zinc plated steel. Bearings shall be synthetic sleeve type. Blade linkage shall be out of airstream (concealed in frame). Louver performance shall be certified in accordance with the AMCA 511 Certified Ratings Program for AMCA 500-L Air Performance and Water Penetration and shall be licensed to bear the AMCA Seal. Free area for a size 48 in. x 48 in. louver shall not be less than 7.68 sq. ft. (48%). Static pressure drop shall not be greater than 0.12 in. wg at 1000 fpm free area intake or exhaust velocity. Beginning point of water penetration shall not be less than 1221 fpm free area intake velocity. Design professional shall determine and specify factory supplied actuator type accordingly.

### K8206AMD Suggested Specification

Louvers shall be combination louver-damper style with Miami-Dade Notice of Acceptance and Florida Product Approval. Louver jambs shall be 6 in. nominal depth with 0.25 in. nominal 6005-T5 extruded aluminum wall thickness. Stationary blades shall be drainable style positioned on 45 degree angles and approximately 5 in. centers with 0.081 in. nominal 6063-T5 extruded aluminum wall thickness. Operable blades shall be airfoil style with 0.081 in. nominal 6005-T5 extruded aluminum wall thickness. Louvers shall be provided with dual-durometer extruded vinyl blade seals and compressible stainless steel jamb seals. Axles shall be 0.5 in. dia. zinc plated steel. Bearings shall be synthetic sleeve type. Blade linkage shall be out of airstream (concealed in frame). Louver performance shall be certified in accordance with the AMCA 511 Certified Ratings Program for AMCA 500-L Air Performance and Water Penetration and shall be licensed to bear the AMCA Seal. Louvers shall be AMCA 540 Listed for Basic Protection Impact Resistance. Free area for a size 48 in. x 48 in. louver shall not be less than 7.27 Sq. Ft. (45.4%). Static pressure drop shall not be greater than 0.130 in. wg at 1000 fpm free area intake velocity. Static pressure drop shall not be greater than 0.090 in. wg at 1000 fpm free area exhaust velocity. Beginning point of water penetration shall not be less than 1125 fpm free area intake velocity. Louvers shall be tested and certified for compliance with Florida test protocols TAS 201, TAS 203 and TAS 203. Louvers shall be capable of withstanding both positive and negative wind pressure loads up to 110 PSF when installed in accordance with the manufacturer's published installation instructions. Design professional shall determine and specify factory supplied actuator type accordingly.

**For more information regarding the Airolite Louvers for Warehouse & Distribution Centers, visit [www.airolite.com](http://www.airolite.com) or consult your local Airolite sales representative.**



Workmanship. Partnership. Leadership.

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