





# Louvers

| Model                               | Best Available Program |
|-------------------------------------|------------------------|
| Recessed Mullion Stationary Louvers | 3 Days                 |
| Painted Finishes                    | 10 Days                |
| All Other Stationary Louvers        | 1 Day                  |
| Painted Finishes                    | 5 Days                 |

## Stationary Louvers



Stationary extruded aluminum louvers are used in applications that require intake and exhaust ventilation with moderate protection from rain and weather infiltration. Non-drainable and drainable models available.

| Product Type  | Model   | Description   |
|---|---|---|
|  <p>Drainable Blades</p>       | EDD-401, 601<br>ESD-202, 403, 435, 603, 635             | Designed with a drainable head and drainable blades to protect air intake and exhaust openings in a building's exterior walls by minimizing water penetration. Drain gutters are located on every blade to capture water which is dispersed to the jambs and drained out of the sill. The Dual Drainable (EDD) louvers have an additional rain gutter on each blade to provide additional water and weather protection. |
|  <p>Drainable Head</p>        | EDJ-202, 401, 430, 601<br>EDK-402, 430, 602<br>ESID-430 | Design includes a drainable head member with either J or K style blades and optional 30° blades to maximize free area. The ESID-430 design allows intake and discharge ductwork to be connected to the back of the louver and prevents the short cycling of air. This unit can be either a combination intake/discharge louver or discharge only louver.  |
|  <p>Non-Drainable Blades</p> | ESJ-202, 401, 602<br>ESK-402, 602                       | Designs incorporate traditional non-drainable J or K style blades with sloped sill. The K style blade has an additional offset "rain hook" in each blade to provide extra protection against water penetration. High free areas provide minimum resistance to airflow. Design incorporates hidden mullions when multi-wide sections are needed.   |
|  <p>Recessed Mullion</p>     | ESJ-401RM, 602RM<br>ESK-402RM, 602RM<br>EHM-601         | The traditional non-drainable J and K style blades with recessed mullion. Design offers better blade alignment for a continuous blade appearance. Provides more structural integrity between multi-wide sections.   |

## Thinline Louvers

Thinline extruded aluminum louvers are commonly used for interior or exterior applications where high free area and low airflow resistance is required. The narrow depth makes this product ideal for installation into curtainwalls, windows and doors.



| Model                | Best Available Program |
|----------------------|------------------------|
| All Thinline Louvers | 1 Day                  |
| Painted Finishes     | 10 Days                |

| Product Type  | Model                   | Description  |
|---|-------------------------|--|
|  <p>Framed Models</p>    | ESJ-155<br>ESU-153, 154 | The narrow depth makes this product ideal for installation into curtainwalls, windows, doors or as air conditioning grilles. Flat or J style blades available depending on model selected. |
|  <p>Frameless Models</p> | ESU-153S, 154S          | Frameless models with extruded aluminum vertical supports are ideal for use as a Packaged Terminal Air Conditioning (PTAC) grille.   |

## Sightproof Louvers

Sightproof extruded aluminum louvers designed to prevent visual see-through and security. Can be applied as air intake or discharge louvers or can be applied as louvered equipment screens. Chevron drainable and non-drainable blades available, as well as a vertical blade configuration.




| Model                  | Best Available Program |
|------------------------|------------------------|
| All Sightproof Louvers | 1 Day                  |
| Painted Finishes       | 5 Days                 |

| Product Type   | Model   | Description  |
|--|---|--|
|  <p>Horizontal Blades</p> | SES-202, 401<br>SEH-202, 401<br>SED-202, 401, 501 | SES models incorporate a horizontal chevron blade preventing visual see-through.<br>SEH models incorporate a drainable head member for increased protection against water penetration.<br>SED models offer both drainable head member and drainable blades for maximum protection against water penetration. |
|  <p>Vertical Blades</p>   | SEV-401, 501                                      | Incorporates chevron style blades in a vertical blade configuration preventing visual see-through.   |

| Model                          | Best Available Program |
|--------------------------------|------------------------|
| EAC, EACA, ECD, EACN, GCE, GCI | 1 Day                  |
| Painted Finishes               | 5 Days                 |
| EACC                           | 10 Days                |
| Painted EACC                   | 15 Days                |

## Combination Louver/Damper Louvers



Extruded aluminum combination louver/dampers incorporate operable and stationary blades into one common frame member. Design maintains a stationary appearance when adjustable blades are closed. A tight seal is created to prevent the passage of air.

| Product Type  | Model   | Description  |
|---|---|--|
|  <p>Drainable Blades</p>     | EAC-401, 601<br>EACC-401, 601<br>EACA-601<br>ECD-401, 601 | All models include drainable stationary blades and a drainable head member. Drainable adjustable blades have either concealed blade linkage or exposed on-blade linkage. Design of EACA-601 incorporates airfoil adjustable blades for less airflow resistance. EACC models incorporate a concealed actuator.                                  |
|  <p>Non-Drainable Blades</p> | EACN-601  | Non-drainable stationary blades are combined with non-drainable center pivot adjustable blades. The design does include a drainable head member and concealed blade linkage.   |
|  <p>Gravity Louvers</p>     | GCE-202, 402<br>GCI-202, 402                              | Combination weather louver and gravity backdraft dampers designed to protect air exhaust openings in building exterior walls. Design incorporates a drainable head member, J style stationary louver blades, pressure/gravity operated damper blades.<br><i>Recommended application is in close proximity to an exhaust or intake air fan.</i> |

| Model            | Best Available Program |
|------------------|------------------------|
| EAD, EAH         | 1 Day                  |
| Painted Finishes | 5 Days                 |
| EADC             | 10 Days                |
| Painted EADC     | 15 Days                |

## Adjustable Louvers



Extruded aluminum operable blade louvers are designed to be open or closed to protect air intake and exhaust openings in exterior building walls. Louver blades are center pivoted and can be operated manually or by any commonly specified damper actuator.

| Product Type  | Model                              | Description  |
|---|------------------------------------|--|
|  <p>Drainable Blades</p>     | EAD-401, 601, 635<br>EADC-401, 501 | Model EAD offer concealed blade linkage. Model EAD-635 offers 35° blade angle. EADC models incorporate a concealed actuator. |
|  <p>Non-Drainable Blades</p> | EAH-401, 690                       | EAH models offer concealed blade linkage. Model EAH-690 provides 70% free area when blades are in full 90° open position.    |

| Model                              | Best Available Program |
|------------------------------------|------------------------|
| EHV-901                            | 5 Day                  |
| Painted Finishes                   | 10 Days                |
| All Other Wind Driven Rain Louvers | 1 Day                  |
| Painted Finishes                   | 5 Days                 |

## Wind-Driven Rain Louvers



Wind-driven rain louvers are Greenheck's most effective louvers in minimizing water penetration through wall openings. Designed to protect air intake and exhaust openings in building exterior walls that are sensitive to the penetration of wind-driven rain.

| Product Type   | Model                                     | Description   |
|--|---|---|
|  <p>Horizontal Blades</p> | EHH-201, 401, 501, 601, 701               | Horizontal blades offer the traditional louver look and excellent protection against wind-driven rain.              |
|  <p>Vertical Blades</p>   | EVH-201, 301, 401, 501, 602, 801, EHV-901 | Vertical blades offer the best protection against wind-driven rain although the vertical blade look is not typical. |

| Model   | Best Available Program |
|---|------------------------|
| ESD-635DE<br>12x12, 18x18, 24x24, 30x30, 36x36, 48x48<br>Mill Finish Only (Miami Warehouse) | In Stock               |
| ESD-435X, ESD-635X, EHH-501X, EVH-602X  | 3 Days                 |
| Painted Finishes, <i>models above</i>   | 10 Days                |
| EACA-601D, ESD-635D, ESD-635DE, EHH-601D, EHH-601DE, EHV-901D, ESS-502D, EVH-501D, EVH-660D | 5 Days                 |
| Painted Finishes, <i>models above</i>   | 10 Days                |
| AFJ-601D, AFJ-601X, ESD-635PD, EHH-601PD  | 10 Days                |
| Painted Finishes, <i>models above</i>   | 15 Days                |

## Florida Product Approved Louvers Miami-Dade Qualified Louvers and Penthouses




These louvers have been designed to meet the stringent criteria established by the Florida Building Code. Whether your application calls for louvers to meet a high wind-load, impact resistance, or be resistant to the penetration of wind-driven rain, Greenheck has the solution.

| Product Type  | Model  | Description   |
|---|--|---|
|  <p>Florida Product Approved</p> | AFJ-601X, ESD-435X, ESD-635X, EHH-501X, EVH-602X   | Approved for use in Florida's High Velocity Hurricane Zone if Miami-Dade Notice of Acceptance is not required. All mechanically fastened models comply with TAS-202 Uniform Static Pressure Test (ASTM E330). Models also comply with TAS-201 Large Missile Impact Test (ASTM E1996), TAS-203 Cyclic Wind Pressure Load Test with optional welded construction. |
|  <p>Miami-Dade Qualified</p>     | <p>Louvers:<br/>AFJ-601D, EACA-601D, ESD-635D, ESD-635DE, EHH-601D, EHH-601DE, EHV-901D, ESS-502D, EVH-501D, EVH-660D</p> <p>Miami-Dade Penthouses:<br/>EHH-601PD, ESD-635PD</p> | For use within Florida's High Velocity Hurricane Zone when a Miami-Dade Notice of Acceptance is required. All models comply with Miami-Dade structural test protocols TAS-201 Large Missile Impact Test (ASTM E1996), TAS-202 Uniform Static Pressure Test (ASTM E330) and TAS-203 Cyclic Wind Pressure Test.   |

| Model                  | Best Available Program |
|------------------------|------------------------|
| All Acoustical Louvers | 10 Days                |
| Painted Finishes       | 15 Days                |

## Acoustical Louvers



Acoustically insulated louver blades provide sound absorption for escaping noise. Available in either formed aluminum or steel material and in a variety of blade styles such as airfoil, sightproof or J blade.

| Product Type  | Model             | Description  |
|---|-------------------|--|
|  <p>Airfoil Blades</p>     | AFA-801           | Acoustical airfoil blades offer the highest free area and lowest airflow resistance.                           |
|  <p>J Blades</p>           | AFJ-120, 601, 801 | Acoustical J style blade series offers the best balance of economics, airflow resistance and sound absorption. |
|  <p>Sightproof Blades</p> | AFS-120           | Acoustical sightproof blades prevent visual see-through while providing sound absorption.                      |

| Model                  | Best Available Program |
|------------------------|------------------------|
| All Fabricated Louvers | 3 Days                 |
| Painted Finishes       | 10 Days                |

## Fabricated Louvers

Fabricated from 20, 18 or 16 gauge galvanized steel and available in stainless steel material. Units are low cost compared to extruded aluminum models. Stationary and adjustable blades are available, as well as drainable and non-drainable blades.



| Product Type   | Model                             | Description   |
|--|-----------------------------------|---|
|  <p>Adjustable Blades</p> | FAD-402, 602, 635<br>FAJ-402, 602 | Operable drainable (FAD) or J (FAJ) blades can be closed for tight air shut off. Provide similar features as the EAD extruded aluminum models. Can be operated manually or by any commonly specified damper actuator. |
|  <p>Stationary Blades</p> | FDS-402, 602<br>FSJ-402, 602      | FDS models incorporate stationary drainable blades for excellent resistance to water penetration and FSJ models include traditional J style blades.   |

**Best Available Program**

Shipment time is determined by size and finish type chosen

## Brick Vents

A permanent means of ventilation for crawl spaces, hung ceilings, incinerator rooms, chimney flues, foundations, pipe spaces and corridors. Many standard sizes and finishes available.

| Product Type   | Model | Description  |
|--|-------|--|
|  <p>Extruded Aluminum</p>         | BVE   | Extruded construction provides a quality finished appearance. The units are designed with deep louvered overlapping blades with storm drips on the rear of the blades. The units also have a high water stop at the rear of the unit.  |
|  <p>Flanged Extruded Aluminum</p> | BVF   | Extruded construction with an aesthetically pleasing flanged frame for easier installation in existing walls. The units are designed with deep louvered overlapping blades with storm drips on the rear of the blades. The units also have a water stop at the rear of the unit. |

|                       | BVE   |                                    |  |  |             | BVF       |
|-----------------------|---|------------------------------------|--|--|-------------|-----------|
|                       | 8 <sup>1</sup> / <sub>8</sub> x 7 <sup>3</sup> / <sub>4</sub> | 12 x 7 <sup>3</sup> / <sub>4</sub> | 15 <sup>5</sup> / <sub>8</sub> x 7 <sup>3</sup> / <sub>4</sub> | 16 <sup>1</sup> / <sub>2</sub> x 7 <sup>3</sup> / <sub>4</sub> | Other sizes | All sizes |
| Anodized <sup>^</sup> | In Stock <sup>^</sup>   | In Stock <sup>^</sup>              | In Stock <sup>^</sup>  | In Stock <sup>^</sup>  | 10 Days     | 10 Days   |
| Mill Finish           | In Stock  | In Stock                           | In Stock   | In Stock   | 10 Days     | 10 Days   |
| Anodized <sup>*</sup> | 5 Days  | 5 Days                             | 5 Days   | 5 Days   | 15 Days     | 15 Days   |
| Painted <sup>**</sup> | 10 Days   | 10 Days                            | 10 Days  | 10 Days  | 15 Days     | 15 Days   |

<sup>^</sup> 204 R1, clear

<sup>\*</sup> 204 R1, medium, dark, by others

<sup>\*\*</sup> Primer, Baked Enamel, Acroflur®, Kynar®, Mica - all done at Greenheck


<sup>\*\*\*</sup> Baked Enamel paint only

| Model                      | Best Available Program |
|----------------------------|------------------------|
| Sizes up to 48 x 48 inches | 5 Days                 |
| All models and Sizes       | 10 Days                |
| Painted Finishes           | 15 Days                |

## Louver Penthouses

Greenheck penthouses offer clean lines, mitered corners, all aluminum construction and removable hoods.

*For complete product information on Model WIH Intake and WRH Relief, refer to Greenheck's Gravity Ventilators catalog, or contact your local representative.*

| Product Type   | Model      | Description   |
|--|------------|---|
|  <p>Penthouse</p> | WIH<br>WRH | The low silhouette louvered penthouses are designed for intake (WIH) or relief (WRH) applications with either natural gravity or positive pressure systems. These units feature a storm-proof aluminum louver with mitered corners and clean horizontal lines. The design affords lower pressure drops while maintaining low hood heights. Removable cover is lined with fiberglass to prevent condensation. Maximum throat dimension is 60 x 120 inches. |