



## Architectural Extruded Aluminum Louvers For Scholar and GeoScholar Heat Pumps and Air Conditioners

The Scholar and GeoScholar heat pumps and air conditioners provide a superb learning environment for the classroom. But the advantages of these Marvair® HVAC units are also evident on the exterior of the school. Marvair offers a full selection of architectural louvers specifically designed for the Scholar and GeoScholar units. These louvers provide your school with both outstanding performance and a pleasing appearance.

In addition to a full offering of standard louvers, Marvair® can provide a louver custom made to your requirements and needs.

**Finishes.** Whether your facade is brick, stucco or another type of material, Marvair® offers a full range of finishes. A finish can be selected to match or complement adjacent window trim or structure.

**Paint Finishes.** Our paint finishes were selected because they match or enhance the most popular window trim or exteriors. All paint finishes are factory applied and are available in the following grades:

- Baked Enamel Finishes - Our most popular finish. Meets or exceeds the requirements of AAMA\* 2604-98. Contains 50% KYNAR®. Twelve standard colors. Computerized color matching done routinely to meet the aesthetic requirements of the design community.
- TRINAR® - All TRINAR coatings are 70% formulations of KYNAR 500® fluoropolymer finish. The TRINAR finish provides extra protection in corrosive environments, e.g. schools in coastal sites. Meets or exceeds the AAMA\* 605.2. Twelve standard colors. Color is guaranteed for 20 years. Computerized color matching done routinely.
- TRINAR® with Top Coat. Our most durable finish. A clear top coat is applied over the TRINAR finish for a three step - primer, TRINAR and top coat - finish.

**Anodized Finishes.** Louvers receive electrolytically deposited color anodized finish complying with C22A44. Finish is applied to .7 mils (.018 mm) minimum thickness onto chemically etched and pretreated aluminum. Available in clear, lite bronze, medium bronze, dark bronze and black.

\*American Architectural Manufacturer's Association



*Dark Bronze Anodized Louver Matches Window Trim*



*Clear Anodized Finish Complements Window Style*



*Brick Red Louver Blends into Brick and Matches Doors*



*Dark Red Fresh Air Louvers of the GeoScholar Heat Pump Blend into Brick*

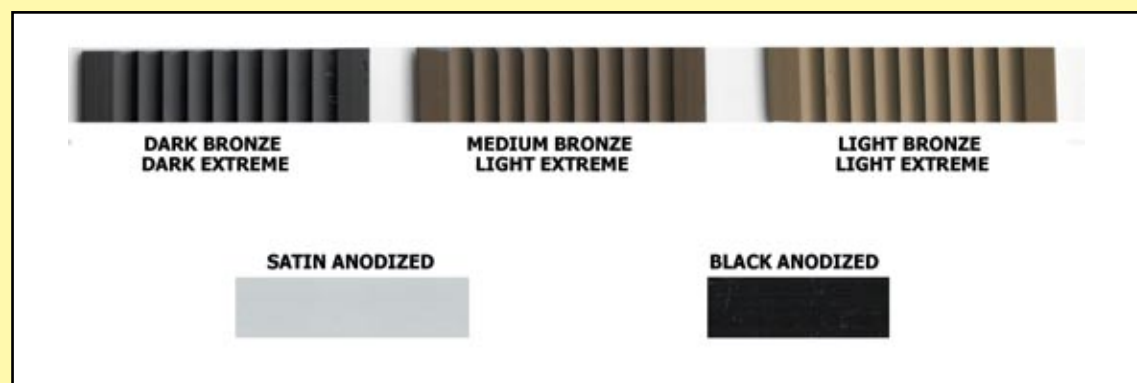
### Baked Enamel Finish Standard Colors



### TRINAR® Painted Finish Standard Colors



### Anodized Finish Standard Colors



We can match virtually any color. Send a color chip or sample to our Customer Service Department or to your Marvair® Representative. A color sample chip will be returned to you for your approval.

Note: Colors shown on page are printed representations of the aluminum finishes and are not exact color matches of the finish.

For more information on Marvair® louvers, contact your Marvair Sales Representative or the Marvair factory at 229-273-3636. For a list of Marvair Sales Representatives visit our website at [www.marvair.com](http://www.marvair.com). As part of the Marvair continuous improvement program, specifications are subject to change without notice.



P.O. Box 400 · Cordele, Georgia 31010  
156 Seedling Drive · Cordele, Georgia 31015  
Ph: 229-273-3636 · Fax: 229-273-5154  
Email: [marvair@airxcel.com](mailto:marvair@airxcel.com) · Internet: [www.marvair.com](http://www.marvair.com)

**Size.** The size of the louver can be increased to match adjacent windows.

**Style.** To blend with adjacent windows, the louver can be built in various styles. For example, the louver can be constructed with horizontal or vertical dividers to mimic muntin bars in windows.



*Green Louver Matches Height of Windows*



- Burgundy Louvers Match Window Frame and Muntin Bars
- White Blades Match White Venetian Blinds



- White Dividers in Louver Match White Muntin Bars
- Color of Louver Complements Brick
- Windows and Louvers are Same Height to Match Fenestration



*Gray Louvers Complement Brick Facade and Match Upper Building and Roof*



- Green Dividers in Louver Mimic Muntin Bars in Window
- Trim of Window and Louver Color are Identical
- Both Window and Louver are Recessed into Wall
- Window and Louver are Same Height

**Configuration.** The standard louver consists of an outside frame or collar and the horizontal blades and is typically used when the louver is flush mounted on the exterior wall. The two inch beveled collar allows the louver to be sealed to the wall to prevent water intrusion.

In addition to the 2" beveled collar, other collar options are available. These include increasing the width of the collar, eliminating the bevel (recommended only for louvers that are inset into the wall) and changing the depth of the collar.



*Green Inset Frame*



*Two Inch Beveled Frame Tampers into Brick for Smooth Transition*



*Brick Red Louver Recessed into School's Facade*

**Construction.** The Marvair louver is constructed of 6063-T5 alloyed aluminum extrusion with 42° blade angles. The louvers are designed not to hinder the intake and exhaust of the condenser air and the outside ventilation air and to separate the air streams. The spacing, design and angle of the blades is also designed to minimize the possibility of water intrusion. 1/2" x 1/2" galvanized hardware cloth is standard on all active areas of the louver. As an option, aluminum hardware cloth may be specified.

