



# ARM-R-LITE

www.arm-r-lite.com

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## ALUMINUM OVERHEAD SECTIONAL DOORS

Major League  
Ballparks &  
Sports Stadiums

Automotive  
Showrooms

Car Care  
Centers

Parking  
Garages

Service  
Stations

Loading  
Docks

Cafes/Restaurants

Greenhouses

Fire Houses

Hospitals

Car Washes

Residential

Interior Partitions



**Arm-R-Lite Aluminarc Model**

U.S. Patent No. D498303, Installed by Edison Overhead Door, Edison Fire Department, N.J.



Photo by Grant Mudford for the New York Times

**Private Residence of Barton Myers, Architect**

Montecito, CA.



Photo by Grant Mudford for the New York Times

**Private Residence of Barton Myers, Architect**

Montecito, CA.



**Titan® Model**

BJ's Wholesale Club, N.J.



Pass Door

## ABOUT ARM-R-LITE!

The Arm-R-Lite Door Manufacturing Company, Inc., was founded in 1958 by John J. Dourney, Jr. to fill the need in the sectional overhead door industry for aluminum doors. Arm-R-Lite pioneered the use of aluminum doors on the many types of modern, prestigious buildings being erected then and now. From the start, the name Arm-R-Lite has become synonymous with quality aluminum sectional doors everywhere. Arm-R-Lite has carefully guarded this reputation through the years, and has never compromised its position on quality.

Our 32,000 square foot plant on six acres allows us to produce doors, track, spring and hardware components in an efficient and competitive manner. You are assured that in the Arm-R-Lite tradition, every door produced will be a quality product. Our doors are field tested for easy installation and engineered for trouble-free service.

Our large variety of designs and sizes makes possible the fulfillment of any sectional door requirement. Since the customizing of any job to fit a particular installation is our specialty, we welcome special challenges and are at your constant service to provide expert advice in reaching a practical and economical solution.

## OPTIONS AND FEATURES

These options and features are available on all Arm-R-Lite Aluminum & Glass Roll-up Doors

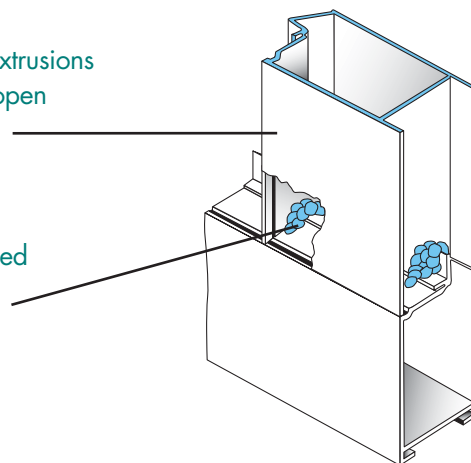
- 20 year welded aluminum section warranty
- Pedestrian pass doors (see left)
- Windload Testing to 93PSF - 190 mph
- Designer glass, panels, polycarbonates, louvers, screens, metal fabric, perforated metal, etc.
- Finishes in thousands of colors
  - Doors featuring Kynar 500® PVDF resin-based coatings. Kynar 500® is a registered trademark of Arkema Inc., Duranars (20 year warranty)
  - Powder Coat (1 year warranty)
  - Champagne, dark, medium, light and black anodized finishes available
  - Faux Wood Finishes

## CONSTRUCTION METHOD

Lengths of 6063-T5 alloy hollow aluminum are cut to size for rails and stiles. Stiles are then contour-milled and accurately joined to the rails by concealed welding to produce flush hairline joints and a framework unequalled in strength and durability.

Our four-sided or tubular extrusions exceed the three-sided or open extrusions of competitors.

Arm-R-Lite's unique all-welded construction outperforms the thru-bolted models year after year.



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# ELECTRA MODEL APPLICATION

The ELECTRA model was specially designed to produce a door of exceptional beauty, superior strength, maximum visibility and high light transmission. Extra-strong, narrow sight line hollow aluminum extrusions shaped and welded together produce this effect.

Only the eyes of the trained professional can detect those details of construction that indicate superior quality. While the architect's client and the general public may be impressed by appearance, the architect knows that the unseen details will determine the life of the door and degree of satisfaction to be expected. These considerations are the focus of our manufacturing standards.

**Maximum size limits: Width 16'2" Height 14'6"**

## Suggested uses:

- **Service Stations**
- **Car Washes**
- **Car Care Centers**
- **Fire Stations**
- **Workshops**
- **Greenhouses**
- **Cafes/Restaurants**
- **Residences**

## SPECIFICATIONS

Arm-R-Lite Door Manufacturing Company's Electra model doors—aluminum sectional upward acting doors—embody the following particulars:

**RAILS AND STILES:** To be joined by heli-arc welds in unexposed locations. Rails and stiles to be extruded from 6063-T5 alloy. Door thickness 1 3/4". Bottom rails—2 3/4" through 10'2" wide doors and 4 1/2" over 10'2" wide. Meeting rails—2 1/2". End stiles—3 3/8". Center stiles—1 3/16".

**FINISH:** Anodized per Aluminum Association specification A-21. Clear Anodized, dark bronze and baked-on white—stock colors. See KustomColor Palette.

**PANELS:** 051 anodized aluminum sheet. Insect screen, grilles, louvers and metal fabric available.

**GLASS:** 1/8" glass set in continuous vinyl channel and held in place with a rigid plastic snap-in bead. 1/4" glass also available. Designer glazing available.

**BOTTOM WEATHER SEAL:** Cold-weather rubber astragal.

**SIDE WEATHER SEAL:** Wood jambs—positive seal aluminum stops. Steel jambs—vinyl perimeter seal.



Private Residence  
Beverly Hills, California



Milford Fire Dept., Milford, MA



Camp Blue Bay, Long Island, New York

# TITAN MODEL APPLICATION

TITAN model doors are built to withstand the daily rigors of the most demanding installations and still perform admirably. These doors, produced from rugged hollow aluminum shapes welded together into frames of exceptional strength and integrity, continue to operate year in and year out under extremely harsh conditions. Arm-R-Lite's Titan model doors are oblivious to mistreatment and hold up to the demands of constant performance requirements.

**Maximum size limits: Consult factory**

See our Titans here:

- **The Smithsonian Institution**, Washington, DC.
- **Columbus Center**, Baltimore, MD
- **Central Artery Tunnel Project**, Boston, MA
- **MTV Studios**, NYC
- **Mashantucket Pequot Fire & Rescue at Foxwoods Casino**, Ledyard, CT

## Suggested uses:

- **Fire Stations**
- **Truck Service Facilities**
- **Loading Docks**
- **Manufacturing Plants**
- **Cafes and Restaurants**
- **Interior Partitions**
- **Hospitals**

**Fire Department Installations in 40 states.**



International Pavilion, 5th Ave., NY, NY  
 Installed by Reggio Garage Door



Quincy Marketplace at Faneuil Hall,  
 Boston, MA



Private Residence, Beverly Hills, CA

## SPECIFICATIONS

Arm-R-Lite Door Manufacturing Company's Titan heavy-duty model doors—aluminum sectional upward acting doors—embody the following particulars:

**RAILS AND STILES:** To be joined by heli-arc welds in unexposed locations. Aluminum alloy 6063-T5. Door thickness 1 3/4". Bottom rail 4 1/2". Meeting rails 3 3/8". Top rail 2 3/4" up to 16'2" wide, 4 1/2" over 16'2". End stiles 3 3/8". Center stiles are 3 1/2".

**FINISH:** Anodized per aluminum Association specification A-21. Clear anodized, dark bronze, and baked-on white—stock colors. See KustomColor Palette.

**PANELS:** .051 Anodized aluminum sheet. Insect screens, grilles, louvers, vents and metal fabric available.

**GLASS:** 1/8" glass set in continuous vinyl channel and held in place with a rigid plastic snap-in bead. 1/4" and 7/16" insulated glass also available. Designer glazing available.

**BOTTOM WEATHER SEAL:** Cold-weather rubber astragal.

**SIDE WEATHER SEAL:** Wood jambs—positive seal aluminum stops. Steel jambs—vinyl perimeter seal.

**TRACK:** Arm-R-Lite galvanized 2" or 3" track as required by door size, vertical track bracket or angle mounted, horizontal track angle mounted.

**HARDWARE:** Stamped 14-gauge galvanized steel.

**ROLLERS:** Heavy-duty full ball bearing with hardened inner race.

**COUNTERBALANCE:** Torsion springs, cast aluminum drums, aircraft cable.

**LOCKING DEVICE:** Interior slide bolt.

**REINFORCING:** Steel U-bar struts on doors over 14'3" wide.

**WIND LOAD:** All doors constructed to meet or exceed standards established by DASMA (Door & Access Systems Manufacturers Association). Special wind loading available for high-wind applications.

# CUSTOM C.I. APPLICATION

Custom C.I. Model Aluminum Upward Acting Sectional Doors are designed for many commercial and industrial applications. This incredibly strong door provides high light transmission and visibility. **LIMITATIONS:** High wind load applications are achieved with this spectacularly engineered product. Consult factory for details. Whether you need a very large door or want to use  $\frac{5}{8}$ " insulated glass, the Custom CI can handle it all.

**Maximum size limits: Width up to 32'**

## Suggested uses:

- **Fire Departments**
- **Warehouses**
- **Truck Terminals**
- **Municipal Buildings**
- **Maintenance Garages**
- **Salt Storage Facilities**
- **Truck Service Areas**
- **Loading Docks**
- **Outdoor Cafés**
- **Restaurants**
- **Gardens**
- **Retail Shopping Centers**
- **Parking Garages**
- **Airports**



Private Residence Installed by Advanced Door Sales, Franklin, NJ



Chase Field, Arizona Diamondbacks Stadium, Phoenix, AZ

## SPECIFICATIONS

Aluminum sectional upward acting doors shall be ARM-R-LITE Door Mfg. Co. Custom C.I. Heavy Duty Model doors of sizes shown on plans and shall embody the following particulars:

**RAILS AND STILES:** To be joined by heli-arc welds in unexposed locations. Aluminum alloy 6063-T6. Door thickness:  $1\frac{3}{4}$ " Bottom rail:  $4\frac{1}{2}$ " or  $7\frac{1}{2}$ ". Meeting rails:  $3\frac{7}{8}$ ". Top rail:  $4\frac{1}{2}$ ". End stiles:  $4\frac{1}{2}$ " or  $7\frac{1}{2}$ ". Center stiles:  $3\frac{3}{8}$ ".

**FINISH:** Anodized per alum. Assoc. spec A-21.

**PANELS:** 051 Anodized aluminum sheet.

**GLASS:**  $\frac{1}{8}$ " glass set in continuous vinyl channel and held in place with a rigid plastic snap-in bead.  $\frac{1}{4}$ ",  $\frac{7}{10}$ " and  $\frac{5}{8}$ " insulated glass also available. Designer glazing available.

**BOTTOM WEATHER SEAL:** Cold weather vinyl astragal.

**SIDE WEATHER SEAL:** Wood jambs: positive seal aluminum stops. Steel jambs: vinyl perimeter seal.

**Track:** **ARM-R-TITE** galvanized 2" or 3" track as required by door size, vertical track bracket or angle mounted, horizontal track angle mounted.

**Hardware:** Stamped 14 gauge galvanized steel.

**Rollers:** Heavy duty full ball bearing with hardened inner race.

**Counter Balance:** Stamped 14 gauge galvanized steel.

**Locking Device:** Interior slide bolt.



Private Residence, California

# NEW FAUX WOOD DOOR FINISHES

If you want the look of wood, but not the maintenance, then Arm-R-Lite has the perfect answer. A new technology from Italy has made it possible for Arm-R-Lite to coat any of our custom made aluminum doors with a maintenance free faux wood finish. This finish will not fade in sunlight and is warranted to be free from defects for a period of 10 years. Available finishes include Cherry Flame, Dark Walnut, Medium Oak, Light Oak, Douglas Fir, and Acacia Wood.



Above: Residential Carriage House

Middle: Residential Recessed Panel

Below: Residential Arched Top Carriage House



## **Benefits:**

- **Cost Effective**
- **High Durability**
- **Choice of Six Finishes**
- **Unlimited Styles**
- **Fast Turn Around**
- **Coatings Resistant to:**
  - Heat**
  - Acids**
  - Humidity**
  - Detergents**
  - Salts**

# NEW FAUX WOOD DOOR FINISHES



Picture Caption

## Finishes

1. 9061 Cherry Flame DS 403  
2. 9053 Douglas DS 402

3. 9128 DK Walnut DS 403  
4. 9052 Oak Assi DS 402

5. 9052 Oak Assi DS 403  
6. 9017 Acacia DS 406



# Special Application Arm-R-Lite Models

## ARM-R-THERM H-16 insulator



Any size up to 28'6" wide in stock.

Full views up to 24'2" wide.

20 gauge skins available.

## NEW! Super insulator R-25 Model



For extremely harsh environments

If you need specially insulated doors for areas subjected to extreme hot or cold temperatures or for refrigerated areas, use the 3" foamed-in-place Arm-R-Lite R-25 model. With an **insulation value of 25**, its polyurethane insulation will stand up to any temperature test. For more details, consult our factory.

## STEEL VUE Model



Steel sections and aluminum glazed sections up to 24' wide.

**MATERIAL:**

16-, 20-, 24- and nominal 24-gauge galvanized cold-rolled steel.

## ARM-R-LON Model fiberglass



Maximum size limits:  
Stock sizes up to 24' wide.

Suggested uses:

- Greenhouses
- Salt barns
- Nurseries
- Boathouses, Docks, etc.
- High-moisture environments

for more information: [www.arm-r-lite.com](http://www.arm-r-lite.com)



**ARM-R-LITE** DOOR MANUFACTURING CO., INC.

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