

Instruction Manual

for

Fixed Blade Stationary Sunshades

Designed and Fabricated By:

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Section A

Equipment Description

The Equipment furnished by The Airolite Company, LLC consists of fixed blade stationary sunshades and related components as required by the customer's architectural specifications.

All sunshades and components are supplied in strict accordance with the final approved drawings, and meet or exceed industry standards.

Sunshades and component materials are of the highest quality available. When installed and maintained properly, in accordance with this manual, they will provide superior performance and longevity.

Section B

Storage Instructions

The sunshades and components are shipped in semi-enclosed wooden crates, and should be left in the crate until ready for installation. Inside storage is preferable. If outside storage is required, the crates should be blocked up or otherwise elevated from the ground or pavement, and covered securely with waterproof coverings of plastic film. Warps "Coverall" or "Visqueen" film sheeting is recommended as adequate protection, however, any plastic film waterproof sheeting of equal quality is acceptable.

Sunshades and components are not wrapped or protected from moisture or dirt within the wooden crates. If prolonged storage is anticipated, either inside or out in the weather, adequate steps should be taken to protect the units and their finishes. It is also possible to order individual section plastic wrap when long term storage is anticipated.

Handling to and from storage should be accomplished with the wooden crates intact. Physical damages, marred finishes, loss of loose parts and fasteners, and separation of associated components may occur if crates are dismantled and sunshade components removed to facilitate storage.

Section C

Installation Instructions

General Recommendations:

1. Sunshades and components should be left within their shipping crates until actual installation is imminent.
2. Use caution in handling crates, individual sunshade sections, components to avoid damage or loss of parts.
3. If cranes, hoists, or similar methods must be used to handle sunshades into their designated wall openings, the use of nylon slings, or equal non-marring materials help guard against physical damage or finish marring.
4. **Do Not Force the Sunshade into the Wall Opening.** Adequate clearance has been allowed around all sunshade sides if wall opening dimensions are in accordance with the job use drawings provided. Forcing sunshades into too small or out of square openings will result in physical damage
5. Sunshade frames shall be set plumb, square, level, in true alignment and securely anchored in accordance with the approved shop and contract drawings.
6. Refer to the proper job use drawing for each sunshade opening. Installation techniques and fasteners, set-back dimensions, and internal building conditions often vary from one sunshade opening to another, and the specific sunshade schedules reflect these differences.
7. Shimming sunshades into the openings in the wall is highly recommended. Proper spacing of the sunshades in the wall assures a finished pleasing appearance, and allows for proper caulking or sealing around the sunshade perimeter. Shims may be removed after sunshade is secured into place or left within the openings if they are not detrimental to caulking, operation, or appearance.
8. Do not use fasteners in installations that are subject to electrolysis between sunshade and building materials.
9. After satisfactory installation is accomplished, care should be taken to prevent further materials such as mortar, tar products, etc., from coming in contact with sunshades, components.

Section D

Operating Instructions

Stationary Sunshades

Stationary or fixed blade sunshades, do not require procedures. Sunshades are functionally dependent upon installation location and the angle of incidence of the sun.

Section E

Maintenance Instructions

Stationary or fixed blade sunshades require no maintenance to remain functional.

The sunshade finish may be subject to deterioration dependent solely upon the environment in which sunshades are installed. Appearance and longevity of the finish may be greatly extended by an occasional cleaning, the frequency of which, is again solely dependent upon the environment.

Proper cleaning may be accomplished with the use of a light scrubbing action, used in conjunction with a good grade of common household mild detergent. Harsh acidic or caustic cleaners are not recommended. Under no condition should the sunshade or component finish be scrubbed with an abrasive cleaner or apparatus.

Section F:

Inactivation Procedures

Stationary Sunshades

Stationary, or fixed blade sunshades, require no specific procedures to be taken during inactivation periods.

Stationary sunshades are not adversely affected by periods of inactivity.

Section G:

Troubleshooting Procedures

Stationary Sunshades

Stationary, or fixed blade sunshades, by nature of their design and function, require no troubleshooting procedures.

Section H

Parts List

Stationary Sunshades

Stationary, or fixed blade sunshades may be all welded or mechanically fastened assemblies and have no field replaceable parts.

Component Parts

Component parts included with the sunshades, such as support struts, anchors, and fasteners, are field replaceable if damaged or lost. Refer to the specific sunshade drawings when ordering component parts, for exact size and quantity required.

Note: Not all field replaceable parts are standard items maintained by The Airolite Company, LLC. Replacement parts availability should be checked with the factory.

Section I

Special Tools and Instruments

No special tools or instruments are required to install or maintain the sunshades furnished and covered by this manual.