

This manual is the property of the owner, and is required for future maintenance. Please leave it with the owner when the job is complete.

RECEIVING AND HANDLING

Upon receiving the louver(s), check for both obvious and hidden damage. If damage is found, record all necessary information on the bill of lading and file a claim with the final carrier. Check to be sure that all parts of the shipment, including accessories, are accounted for.

SAFETY WARNING:

Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

STORAGE

The louvers 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. Wraps "Coverall" or "Visqueen" film sheeting is recommended as adequate protection, however, any plastic film waterproof sheeting of equal quality is acceptable. Louvers 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 louver components removed to facilitate storage.

STEEL OPENING 16 GA MINIMUM THICKNESS MINIMUM Fy = 33 ksi

(A) JAMB ANCHOR

(C) MULLION ANCHOR

STEEL OPENING 1/4\"/>

GENERAL NOTES:

- IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS SUPERIMPOSED BY THE LOUVERS.
- INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED.
- WOOD SUBSTRATE TO BE MINIMUM G = 0.42 DENSITY.
- CONCRETE SUBSTRATE TO BE MINIMUM 3,200 PSI.
- STEEL STUD OPENINGS (16 GA MINIMUM THICKNESS) TO BE MINIMUM Fy = 33 ksi
- STRUCTURAL STEEL OPENINGS (1/4\"/>

FIELD FASTENER SCHEDULE (BY INSTALLER)

TYPE	DESCRIPTION	MIN. EMBED.	MIN. EDGE DIST.	MIN. SPACING
D	1/4\"/>			

INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED

INSTRUCTIONAL	
PART NO.	DESCRIPTION
AIROLITE The look that works.™ P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410	DRAWN BY: STEELE DATE: 08/22/2011 SUPERSEDES: SCALE: CAD DRAWING NO.
K6744X INSTALLATION	ENG. REF.: JAC36764 K6744X IOM PART # 475583
633860	

MAINTENANCE

Stationary or fixed blade louvers require no maintenance to remain functional. The louver finish may be subject to deterioration dependent solely upon the environment in which sun controls 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 louver or component finish be scrubbed with an abrasive cleaner or apparatus.

WARRANTY

Airolite warrants this equipment to be free from defects in material and workmanship for a period of one year from the shipment date. Any units or parts which prove to be defective during the warranty period will be repaired or replaced at our option. Airolite shall not be liable for damages resulting from misapplication or misuse of its products. Airolite will not be responsible for any installation or removal costs. Airolite will not be responsible for any service work or backcharges without prior written authorization.

WOOD OPENING MINIMUM G = 0.42 DENSITY

(A) JAMB ANCHOR

1 X 1-1/2 X 0.081 CONTINUOUS ALUMINUM JAMB ANCHOR ANGLE

1/4" SS SCREW 5.7 MAX CL

1/2" LAG SCREW 6.5 TYP CL 9.0 MAX CL

SEALANT AND BACKER ROD BY INSTALLER

FIELD REAMED FOR 1/2" LAG BOLT

6.5 TYP, 9.0 MAX

3.25

1.50

5.7 TYP

1 X 1-1/2 X 0.081 CONTINUOUS ALUMINUM JAMB ANCHOR ANGLE

MOUNTING ANGLE IS FACTORY PUNCHED WITH HOLES AT 3.25" CENTERS, FIELD DRILLED HOLES MAY BE USED AS LONG AS MAX ALLOWABLE CENTERS ARE MAINTAINED AND FIELD HOLES ARE COLLINEAR WITH FACTORY HOLES.

(C) MULLION ANCHOR

1/4-20 X 3/4 SS BOLT 24" O.C.

MULLION REINFORCEMENT ANGLE

3 X 3 X 1/4 ALUMINUM MULLION ANCHOR CLIP - 13" LONG AT HEAD AND SILL

NONCOMPRESSIBLE DEADLOAD SHIM BY INSTALLER

1/4" WOOD SCREW 12"/CLIP

SEALANT AND BACKER ROD BY INSTALLER

LOUVER SECTION

13.00

USE ANY (6) HOLES CLOSEST TO BEND OF ANGLE

USE ALL (6) HOLES FURTHEST FROM BEND OF ANGLE

2.00 TYP

2.00 TYP

3 X 3 X 1/4 ALUMINUM MULLION ANCHOR CLIP - 13" LONG AT HEAD AND SILL

MASONRY OPENING

(A) JAMB ANCHOR

1 X 1-1/2 X 0.081 CONTINUOUS ALUMINUM JAMB ANCHOR ANGLE

1/4" SS SCREW 5.7 MAX CL

1/4" TAPCON SCREW C1 3.25 CL

SEALANT AND BACKER ROD BY INSTALLER

JAMBS REQUIRE MINIMUM OF: ASTM C-90 HOLLOW BLOCK

1.0 MIN

1.50

3.25 TYP, 3.25 MAX

5.7 TYP

1 X 1-1/2 X 0.081 CONTINUOUS ALUMINUM JAMB ANCHOR ANGLE

MOUNTING ANGLE IS FACTORY PUNCHED WITH HOLES AT 3.25" CENTERS, FIELD DRILLED HOLES MAY BE USED AS LONG AS MAX ALLOWABLE CENTERS ARE MAINTAINED AND FIELD HOLES ARE COLLINEAR WITH FACTORY HOLES.

(C) MULLION ANCHOR

1/4-20 X 3/4 SS BOLT & NUT 24" O.C.

MULLION REINFORCEMENT ANGLE

3 X 3 X 1/4 ALUMINUM MULLION ANCHOR CLIP - 13" LONG AT HEAD AND SILL

NONCOMPRESSIBLE DEADLOAD SHIM BY INSTALLER

1/4" TAPCON ANCHOR 7"/CLIP C2

SEALANT AND BACKER ROD BY INSTALLER

2.5 MIN

LOUVER SECTION

13.00

USE ALL (7) HOLES CLOSEST TO BEND OF ANGLE

2.00

3 X 3 X 1/4 ALUMINUM MULLION ANCHOR CLIP - 13" LONG AT HEAD AND SILL

MULLION ANCHORS REQUIRE MINIMUM OF:
3,192 PSI CONCRETE OR
3,192 PSI GROUT FILLED ASTM C-90 HOLLOW BLOCK

W/O SUPPORT ANGLE

UNLIMITED

48,000 MAX.

W/ SUPPORT ANGLE

UNLIMITED

96,000 MAX. W/ 1 SUPPORT ANGLE

120,000 MAX. W/ 2 SUPPORT ANGLES

MULTIPLE SECTION W/ MULLION

UNLIMITED

144,000 MAX.

AVAILABLE SHAPES

FIELD FASTENER SCHEDULE (BY INSTALLER)

TYPE	DESCRIPTION	MIN. EMBED.	MIN. EDGE DIST.	MIN. SPACING
A	1/2" LAG SCREW	3"	2 1/2"	3"
B	1/4" WOOD SCREW	3"	1 1/2"	1 1/2"
C1	1/4" TAPCON ANCHOR	1 1/4"	1"	3.25" (MAX)
C2	1/4" TAPCON ANCHOR	1 3/4"	2.5"	2" (MAX)

INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED

INSTRUCTIONAL

PAINT	PART NO.	MAT'L	GAUGE	DESCRIPTION
				AIROLITE
				The look that works.™
				P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410
DRAWN BY		ECCD		
DATE		08/22/2011		
SUPERSEDES		IAN36764 K6744X		
SCALE		10M PART # 475583		
CAD DRAWING NO.				633858