

# RETRACTABLE AWNING

## Installation Instructions

### Tools Needed

Drill

¼" Drill Bit

Lag Bolts

*to mount awning  
brackets to wall*

Sockets or wrench *to  
tighten non-provided  
installation hardware*

Level Caulking

Measuring Tape

**CONGRATULATIONS** on the purchase of an Alumaline Shades Retractable Awning.

Thank you for your business. Please read this entire manual before beginning installation.

We are confident you will enjoy many years of shade and worry free operation from your awning. This installation manual will outline the steps required to install your awning. It is important that the awning is installed properly to ensure worry free operation. Improper installation may cause damage or failure not covered by your warranty.

Mounting hardware is not included because it is different for every attachment surface. Please seek out professional advice in order to determine proper installation hardware selection.

Please be sure to be cautious in removing packaging materials. The fabric is just below the packaging material and can easily be damaged.

**Never use a knife to remove packaging.**

## INSTALLATION

**1** Mounting Brackets must be installed into solid structure (wood beams, studs, concrete, and/or roof rafters), sufficient to support the weight and anticipated wind load. (Note: it is highly recommended that the awning be retracted in moderate to strong wind conditions to prevent damage). Locate stud, beam or rafter and confirm that the structure is solid.

Whenever possible position mounting brackets on either side and as close as possible to the retractable arm shoulder. On units where the shoulder is out by the edge, place bracket as close to it as possible. Also if the unit has a center support and no shoulder next to it, install a bracket for the center support.

**2**

# RETRACTABLE AWNING

## Installation Instructions

1010

### INSTALLATION *cont.*

# 3

When you know where the brackets are going, drill a pilot hole of an appropriate size for the bolts being utilized in the installation. It is important that all brackets are level and in line. Install brackets (with ridge pointing up) using lag bolts (when going into wood) with a socket. Lag Bolts Are Not Supplied, and appropriate size and lengths should be determined by the installer utilizing their experience and professional judgment.

Adjustable stainless steel roof brackets for roof mounted applications are available at additional cost. These brackets should be aligned to accommodate the mounting of the wall brackets and for mounting of the awning, and anchored securely to the roofing joist (see above 2 & 3).

# 4

# 5

When brackets are secure and bolts tight, insert the square bar into the mounting brackets. Two or more people will be required to lift the awning into place. Center the awning, insert the bolts from the top and attach nuts.

Hand Crank – Place hook of hand crank into the eyelet located at the bottom of the gear box. Turn crank to extend the awning. Do not crank past the point of full extension, as fabric will slacken. Fabric must be retracted on the top of the roller tube, not the bottom.

# 6

# 7

Motor – The outer limit switch should be set, so there is a 1/8" to 1/4" gap in the elbow. A licensed electrician following the instructions of the motor manufacturer should perform the electrical work.

To adjust the pitch of the awning extend the awning approximately 24". Next, use hand crank to turn the eyelets on the shoulders until the desired pitch has been achieved. Repeat this process until all shoulders have the same pitch. Use the level installed on the front bar to ensure all shoulders are set at the same pitch. **IMPORTANT:** Never adjust the pitch with the awning fully extended. When the desired pitch is reached and awning is level, you are all done.

# 8

# 9

Run the awning in and out to make sure everything is looking good and running free. Wipe down the awning and look for any handprints on the fabric.