



WELCOME

SEMI-CASSETTE Lateral Arm Retractable Awning System

The semi-cassette lateral arm awning offers many unique features and will provide years of service and sun protection. The following advantages make this an easy choice to enhance your outdoor living experience.

- Stylish semi-cassette design provides both beauty and fabric protection.
- Powered with a Somfy® Altus remote control motor and protected with an Eolis 3D wind sensor, it's the perfect marriage of convenience and safety.
- Arms are easily adjusted for pitch with the simple crank of a gear. This allows for better sun protection in the Spring and Fall when the sun is lower on the horizon.
- Unique hinged front bar attachment offers flexibility and reduces stress on the arms.
- Front bar guide pins ensure even retraction of the arms.
- Available in two stock Sunbrella® patterns, or can be customized with a wide selection of patterns available from your local Awning retailer.
- Unique front bar design helps keep the valance clean from run off and pollution.
- Large arms with double chain design provide superior strength and a tight fabric fit.
- Five year limited warranty on fabric, frame and motor.



INSTRUCTIONS FOR INSTALLING COVER TO ASSEMBLED SEMI-CASSETTE AWNING

FOLLOW INSTRUCTIONS IN THE FOLLOWING ORDER:

- Retract awning to closed position.
- Tie a rope around all arms and square bar so that the arm cannot open.
- **WARNING: THIS STEP IS VERY IMPORTANT. IF THE ARMS ARE NOT TIED THE ARMS WILL SWING OPEN.**
- Remove the front bar and cassette end cap on the left side (as you are looking at the awning)
- Make sure roller tube is supported so it does not pull away from motor.
- Cut the PE tubing 3/8" shorter than the width of the fabric on each side of the cover, to accommodate the fabric locks.
- Insert one each fabric lock onto the roller tube channel opposite the motor with the flat side first towards the motor and the machine screw head exposed above the channel.
- Insert the top hem of the fabric into the roller tube groove and front hem into the top front groove of the front bar.
- Slide the fabric simultaneously onto each bar until it covers the roller. Center the fabric onto the roller tube.
- Insert the fabric lock into the hem and tighten. Insert the second fabric lock on the opposite side with the tip first and tighten the screws.
- Roll the fabric onto the tube by pressing the up direction on the remote. (See remote guide.)
- Align the fabric on the front bar. Attach the fabric locks (one on each side) same as above.
- Attach valance same as above.
- Re-attach the front bar and cassette end caps.

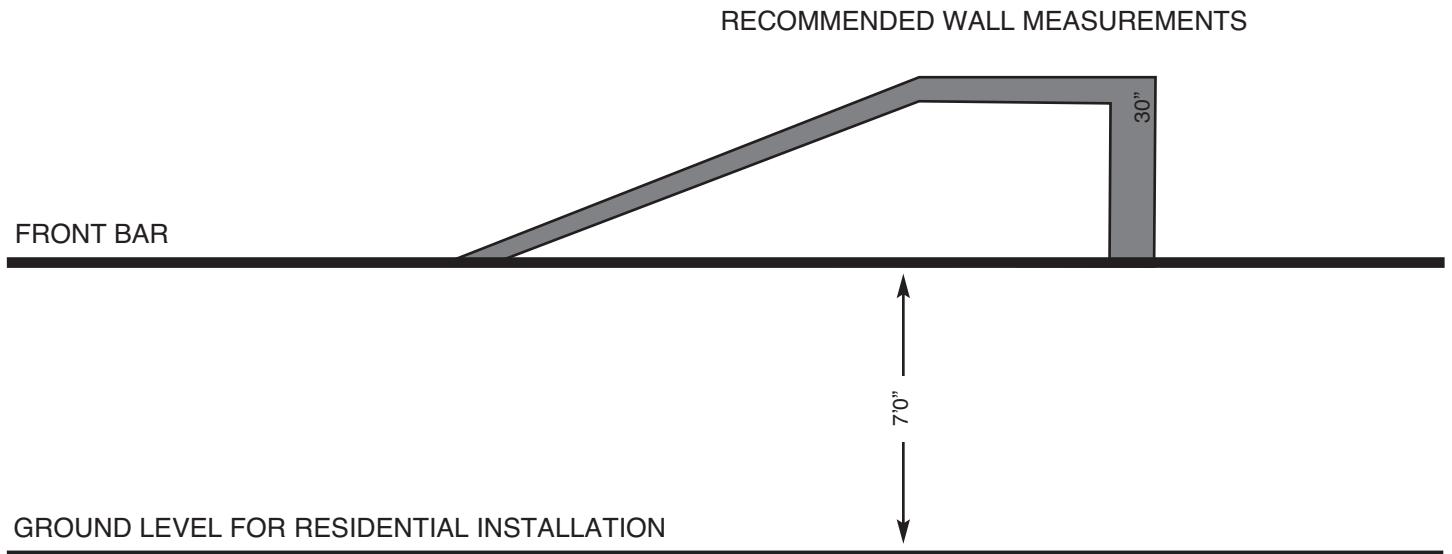


INSTALLATION

Wind has the greatest impact on the installation of the awning. Even moderate winds can put great stress on the brackets and their installation. Therefore, the proper installation of the wall brackets is the most important aspect of the awning mounting.

All wall brackets must be in line and level in order for the unit to fit freely in the brackets. In order to ensure brackets are level on wall or siding, shims may be required.

First, locate where brackets are to be mounted to wall. This is done by placing the awning next to the designated wall. The brackets will have to be spaced out properly as determined by the wall studs. Wall brackets are not to be mounted where the arms of the awning attach to the square support tube. The wall bracket should be located between the cassette bracket and the arm. Install the outer-most bracket (on each end) inside or outside of the outer arm attachment, but no farther than 12 inches away from the arm attachment. On a 15 ft. wide awning, install the third bracket in the center of the awning (plus or minus 12 inches of center). **See arrangement diagram of Arm and Bracket on page 9.** Mount the third bracket as close to the center of the frame or at least within 12" of the center. On the 20 ft. SC, four wall brackets are supplied. As described for the 15 ft. model, mount one bracket on each end, between the cassette bracket and the arm. The remaining two should be mounted within 12 inches of the middle arm; one on each side of this arm.



The front bar height for a private residence should be 7'0" from ground level. The height for a commercial building is 8'0". With a standard awning pitch of 18°, the placement of the awning brackets will be determined by allowing 3" wall height for each arm foot. This location will be the center of the roller. (1" pitch minimum, 2" is acceptable, 3" ideal) 45° pitch is possible.

IMPORTANT!!

Failure to follow these instructions may result in personal injury.

Check your shipment to confirm that all components have been received.

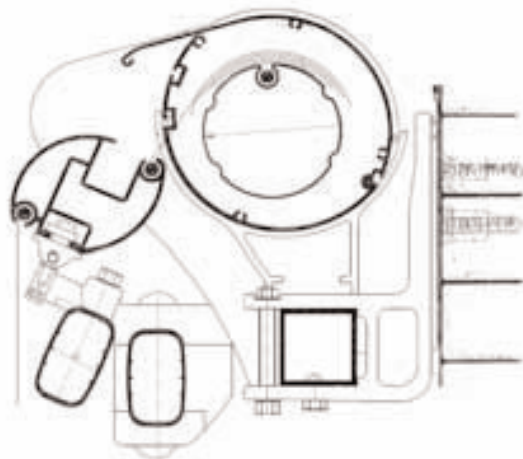
Inspect to insure that the location at which the retractable awning is to be installed is free from any interference, such as, vents, lights, downspouts, trim, etc. There must be a minimum of 9 ½" of vertical clear space on the surface on which you plan to mount the awning. Determine the ground clearance needed under the front bar. On a private residence, this should be at least 7 feet. On a commercial building, it should be a minimum of 8 feet. A 3/12 pitch (awning angle) is suggested (i.e., 3" of drop for every 12" (1 Ft) of projection) for this 9' 9" projection, the awning's installation height upon the wall will be a minimum of 9 ½' from ground level (7 Ft. + 30"). For a commercial installation, this height will be a minimum of 10 ½' from ground level.



FASTENING TO SURFACES

BRICK OR BLOCK

- (a) Make sure that the face is structured and not just an unsupported facade.
- (b) Make sure the bricks are full brick and run from the ground through the second floor, for sufficient weight strength. The brackets should be bolted into the wood beams or studs for security. For mounting into block use toggle style fasteners. Longer bolts are needed.
- (c) Make sure the wall is flat - if not, the brackets will not align properly. If not flat, mount a pressure treated 2" x 8" wood board to the wall and fasten through the beam.



SIDING

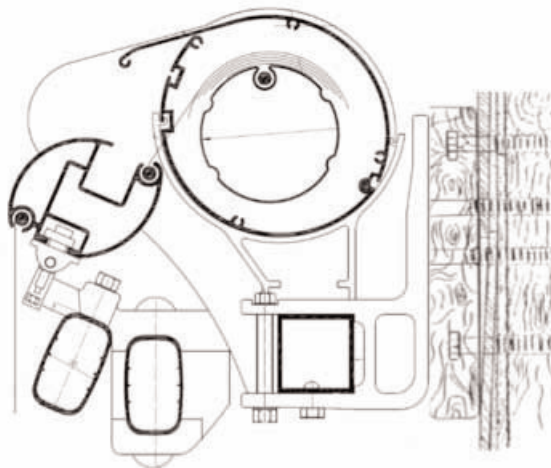
Two common methods are used when fastening into siding:

OPTION 1:

Using a pressure treated wood board

The board can then be stained, painted or clad with siding to match the house

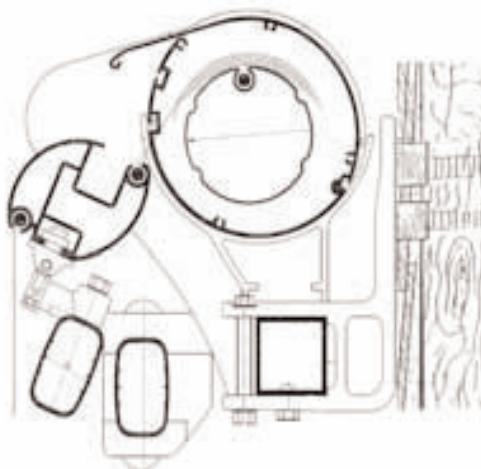
- (a) Mount a 2" x 8" board to the house and fasten the brackets through the board into the header and studs. Longer bolts are needed.
- (b) Bolt through board and into studs.



OPTION 2:

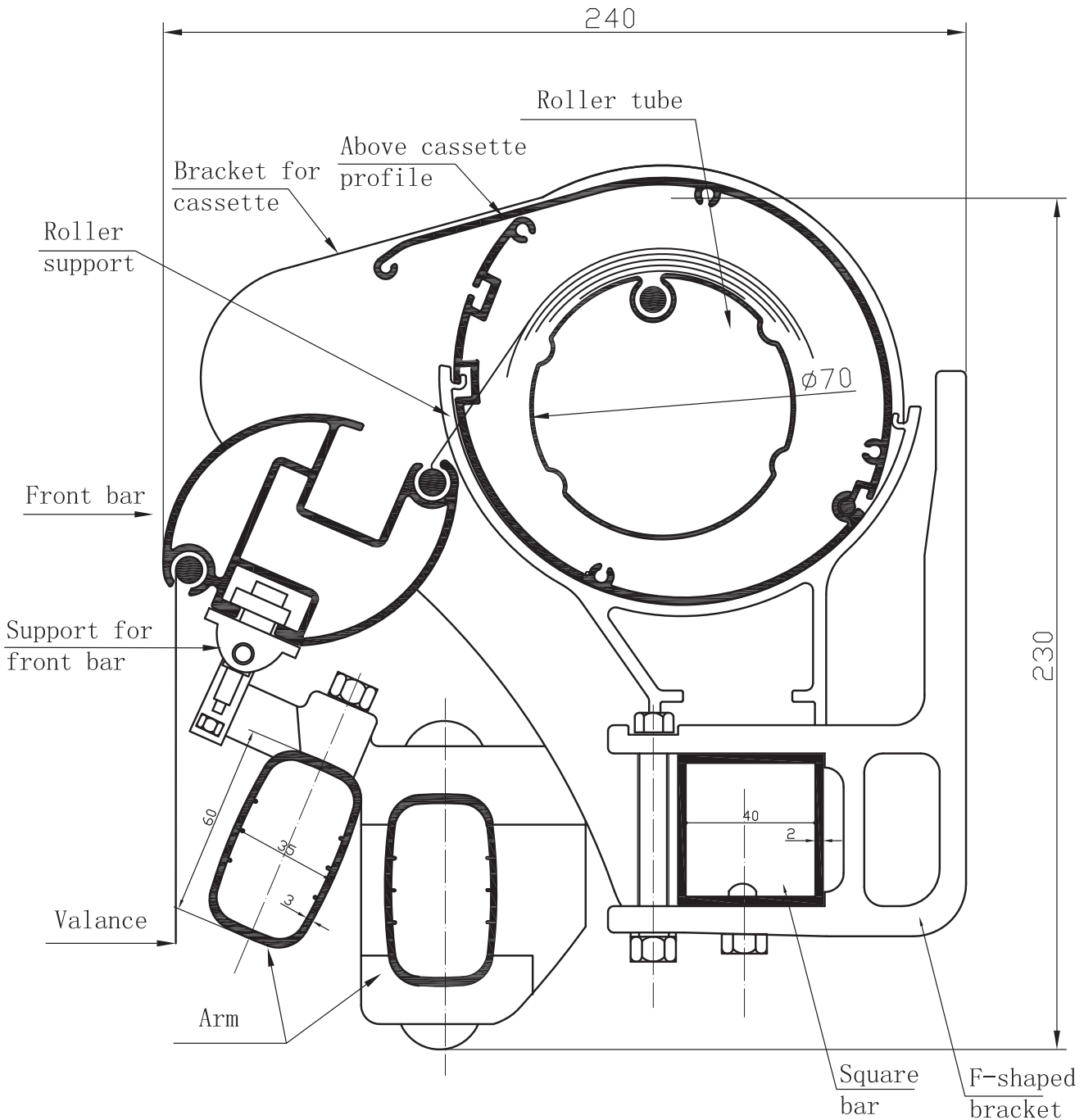
Using a spacer between the bracket and wood

- (a) Find the studs or header on which the awning can be mounted.
- (b) Drill a 1" hole 1-1/2" deep down to the studs. Use a 1/2" pipe 1-3/4" long as a spacer between the bracket and the wood stud. The spacer should be cut to extend 1/4" beyond the surface of the siding. Always caulk around the holes.
- (c) Always pre-drill the studs to avoid splitting them when tightening the bolts. Longer bolts are needed in this case.





CROSS SECTION OF ASSEMBLED SEMI-CASSETTE



Cross section of Assembled Semi-Cassette System in Retracted Position

(Illustration not to full scale)

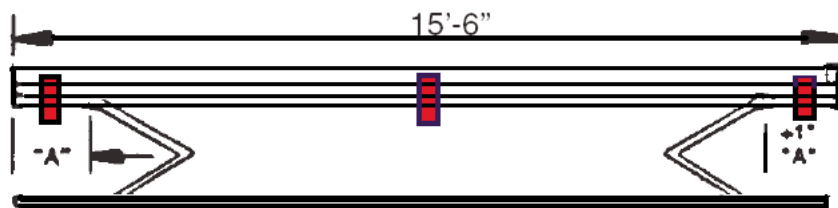


AWNING SIZE CONFIGURATIONS

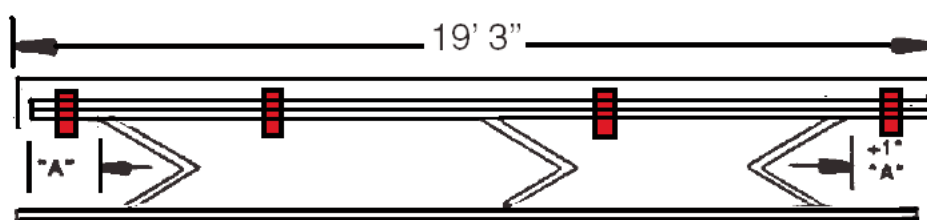
Recommended Arm, Mounting Bracket Arrangement

“A” = 1” minimum to 20” maximum—approximate rule of thumb 1” per foot of over-all awning width up to 20”.

Each end wall bracket must be placed within 12” of an arm, preferably between the end support and the arm. This 12” rule also applies to all other arms. If this rule cannot be adhered to an additional wall bracket must be used. All brackets must be mounted into studs or structural members.



2 ARMS; 3 BRACKETS



3 ARMS; 4 BRACKETS