

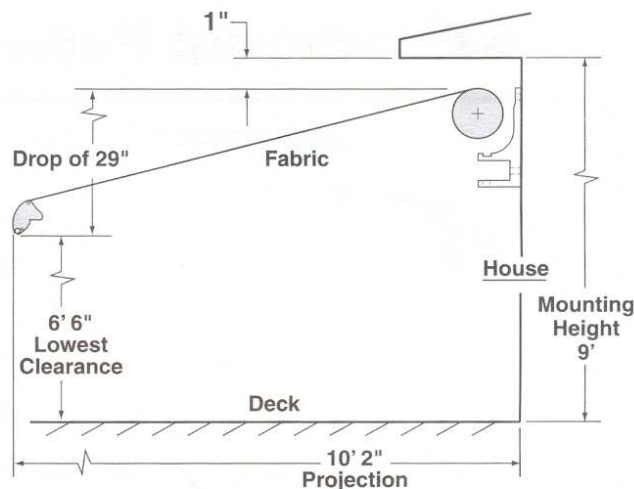


Installation guide for Retractable Awning

Mounting height:

When choosing your mounting height, be sure there is sufficient height so that when the awning is extended, the front end will be high enough to allow a person to walk under. Minimum recommended mounting height is 7'6".

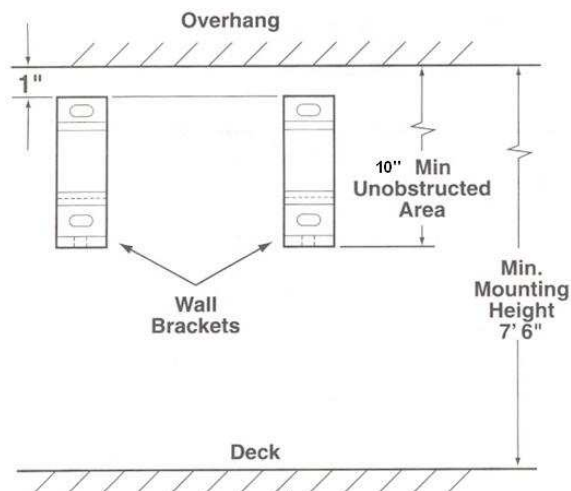
The mounting height of the brackets should be 1" below the minimum mounting height. Wall brackets need a minimum of 10" of unobstructed area for installation. Here is an example of a 9' high installation.



Example of 9 ft. installation

Bracket mounting:

Measure from the deck up the desired mounting height and make a mark on the wall. Make a second mark 10" below the first mark. The space between these marks must be clear of obstructions throughout the full length of the wall. Using a chalk line, snap a level line on the full length of the wall using the lower, second marking. This will be your reference line, the bottom of the wall brackets will rest on this line.



NOTE: for ease of mounting of the awning to the brackets, it is very important that the line be straight and level.

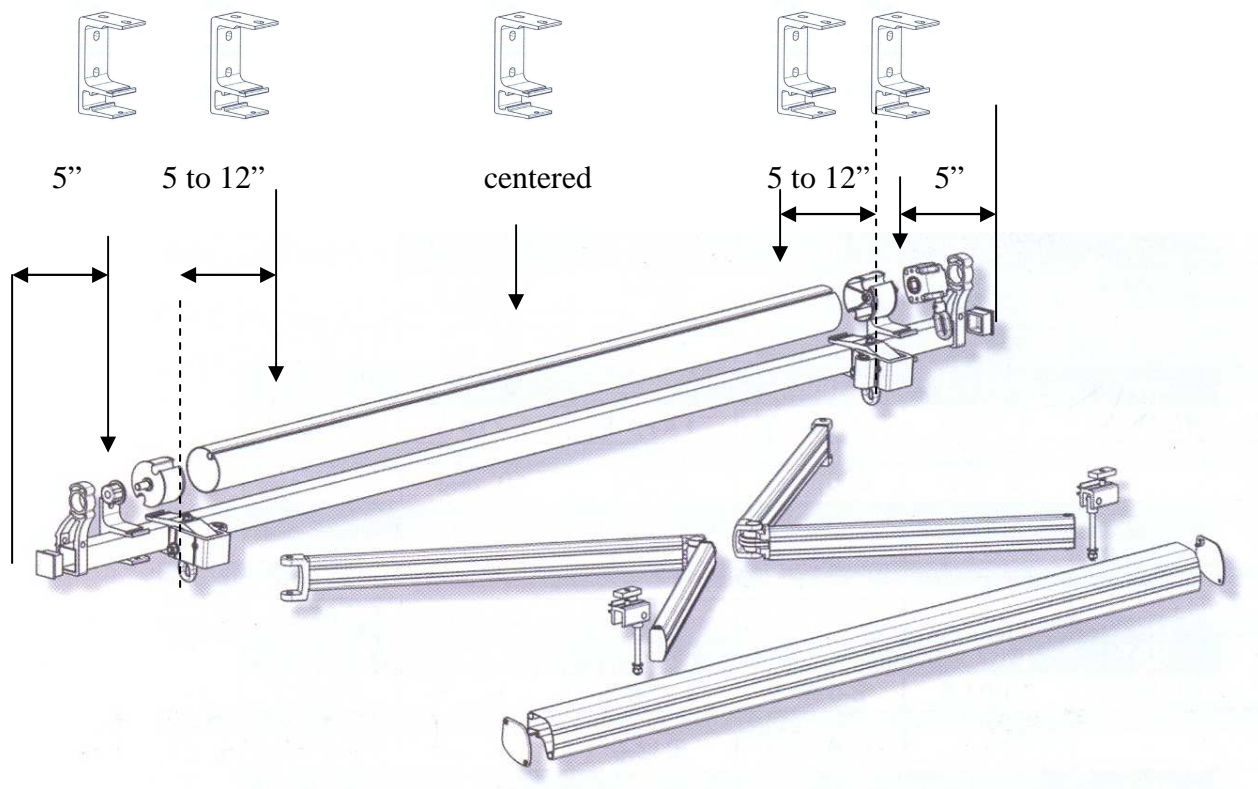
Bracket location:

CAUTION: proper location of the brackets is the most important aspect of the installation. It is critical that you fasten the mounting brackets to studs, joists or other major structural members for a secure installation. Failure to securely fasten the brackets to the wall could result in the collapse of the awning and cause personal injury.

Size of awning	Number of brackets provided
10 to 19 feet	4
20 feet and over	5

On the chalk line you have marked on the house, center your awning and mark the left and right ends of the awning (the width of the awning). Also mark the position of the arms, since this location will enable you to position the mounting brackets.

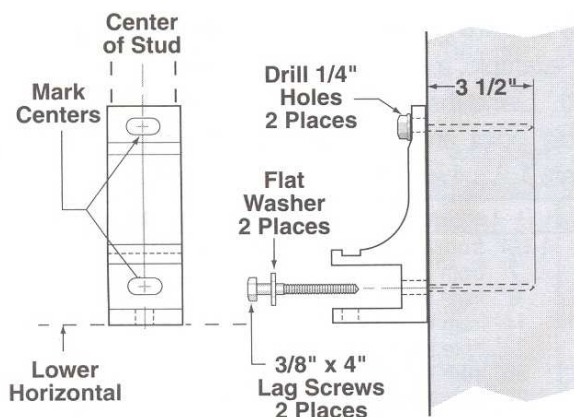
Brackets should be installed on each side of the arms approximately 5" from each end of the awning. The inside brackets should be between 5 and 12" from the arm. If the awning is more than 20 feet in width or if an aluminium hood cover is installed, a central bracket must be added.



For installation on a house with wood frame walls, vinyl or aluminum siding:

You must now locate the studs or joists in the wall at close proximity to where the brackets must be installed.

Position the bracket on the wall with the bottom of the bracket even with the lower horizontal chalk line. Using a level, plumb the bracket vertically, and then mark the top and bottom holes for fixing the bracket.



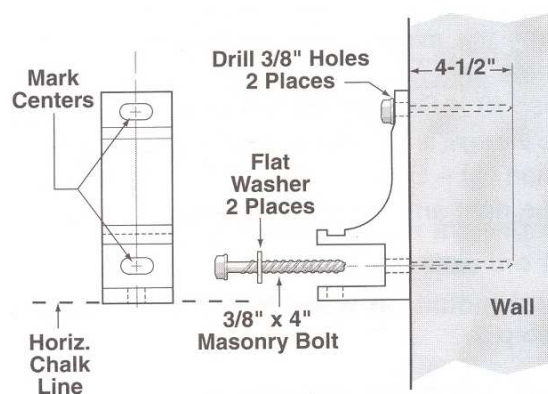
Remove the bracket and drill the holes about 3 1/2" into the stud or joist, using a 1/4" drill bit. This will prevent the framing from splitting while installing the 3/8" x 4" lag screws. Install the required brackets in their proper location.

For installation on a house with masonry wall, brick or concrete walls:

CAUTION: the bolts used to fasten the brackets must not be installed in the joint between bricks. They should be installed in the main body of the brick. Crumbly cinder-block is not a proper wall structure to install a retractable awning. Consult a local hardware store for the proper fasteners that fit the type of wall structure you have.

For safety reasons, make sure that there is a minimum of 30" of solid brick above the area where the awning will be installed.

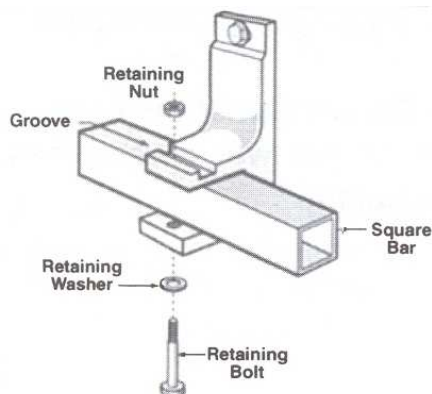
Position the bracket on the wall with the bottom of the bracket even with the lower horizontal chalk line. Using a level, plumb the bracket vertically, and then mark the top and bottom holes for fixing the bracket.



Remove the bracket and drill a 1/4" pilot hole using a masonry drill bit, about 3" deep. Using a 3/8" masonry bit, drill both holes 4 1/2" deep. Do not allow the holes to become oversize while drilling to this final size since the hole can become too large and the bolts will not hold properly. Install the brackets using a 3/8" x 4" masonry bolt.

Installing the awning to the brackets:

Remove all packaging except the plastics safety sleeves on the arms, if so equipped. You must take these off only once the awning is completely installed. Push the square bars into the brackets now fixed on the wall and secure it with a retaining bolt in each bracket. Be sure to insert the bolt from the bottom of the bracket up. You may need to apply pressure on the square bar to permit insertion.



Connecting the electricity to your motor.

You have purchased a motorized awning controled with an inside switch. The hook-up instructions for the switch are inside the box. Use a qualified electrician to make the necessary connections.