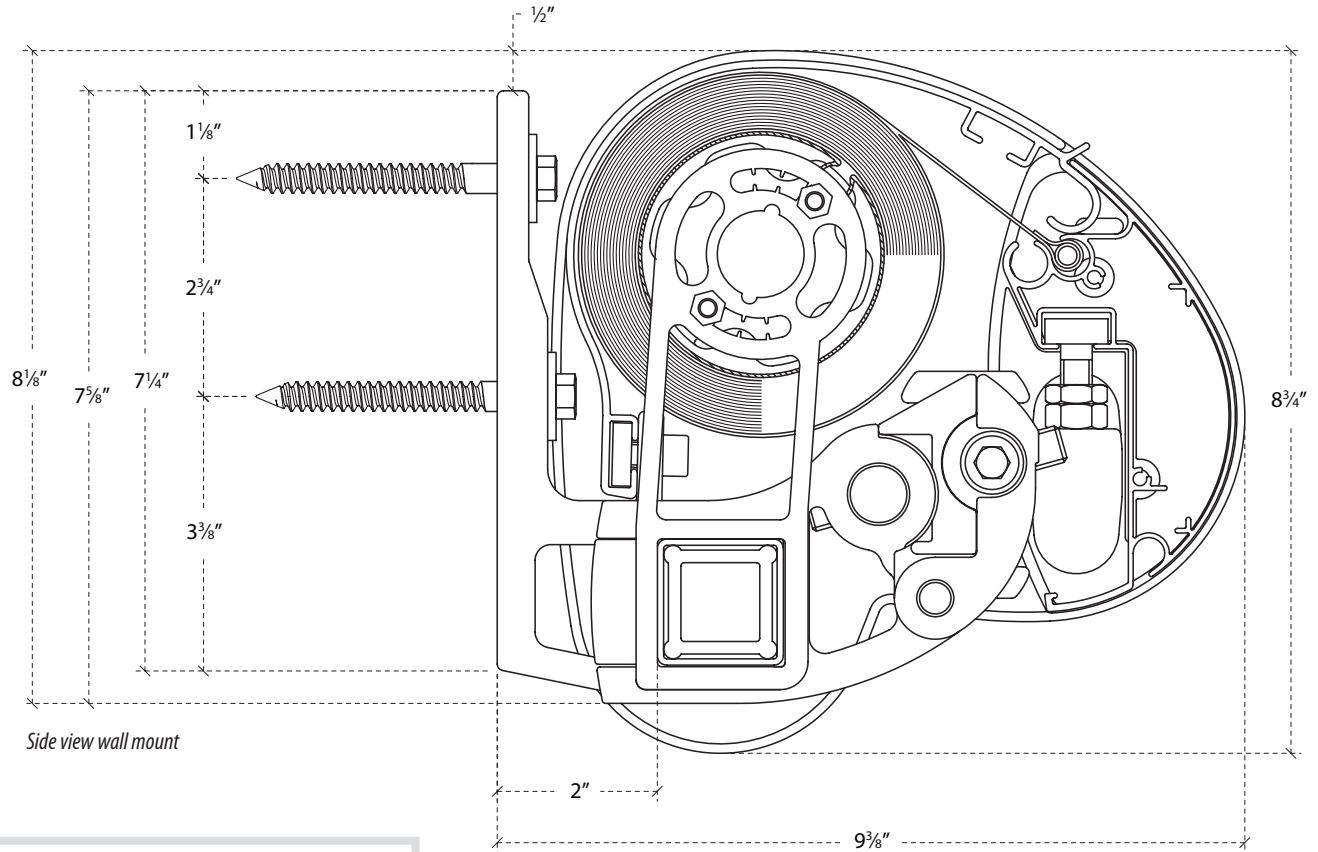
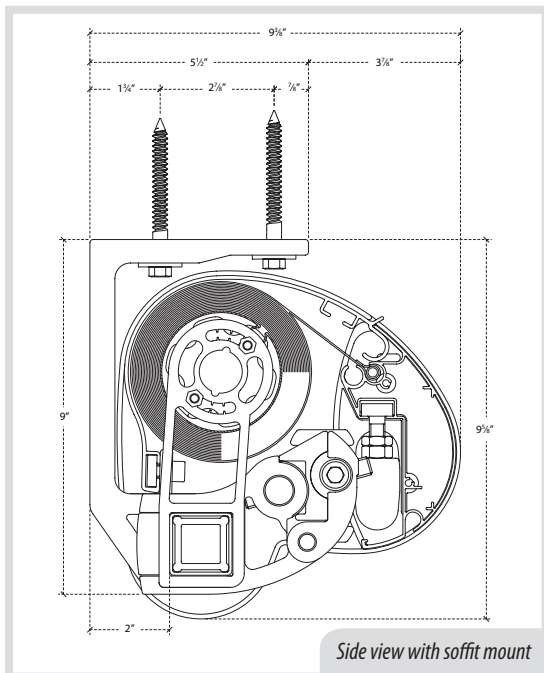




PARTIALLY CASSETTED RETRACTABLE AWNING



Side view wall mount



Side view with soffit mount



Shoulder and arm on wall mounted awning



Awning roof mount, side view

TOOLS NEEDED:

For awning assembly & installation:

- ☐ Drill and bits
- ☐ Level
- ☐ Tape measure
- ☐ Screw drivers
- ☐ Soft blow hammer
- ☐ String
- ☐ Adjustable wrench

Additional tools required for this series:

- ☐ 4mm, 13mm, 1/4", 9/16" socket and ratchet wrenches
- ☐ 13mm, 17mm, 19mm open end wrenches
- ☐ 2.5mm, 4mm, 6mm, 8mm Allen wrenches

MOUNTING INSTRUCTIONS:

Please read these instructions carefully before proceeding with assembly and installation.



WEIGHT CAUTION! Due to the weight of these awnings, extra installers are needed.

1

Wall and Soffit Mount Installation Instructions:

Determine your awning mounting location on the wall or soffit. Measure the location of the awning shoulders and transfer that to the wall or soffit. The awning is shipped with two brackets per arm. Be sure to use all supplied brackets. It is critical you install one bracket between the outermost shoulders and the end of the awning. Install another bracket as close as possible on the inside of the outermost shoulders. If your awning has more than two arms, install a bracket on each side of all additional shoulders. If there is not a stud or solid header between the outer shoulders and the end of the awning, then a ledger board must be used with the wall brackets through bolts to the ledger board in their proper locations. Then, attach the ledger board to the wall at least every 48" with appropriate fasteners. **DO NOT SPREAD THE BRACKETS EVENLY ACROSS THE AWNING. ON WOOD STRUCTURES, THE LAG BOLTS MUST BE IN THE EXACT CENTER OF THE STUDS AND PENETRATE AT LEAST 2½" INTO THE STUD.**

Roof Mount Installation Instructions:

Determine your awning mounting location on the roof. Measure the location of the awning shoulders and transfer that to the roof. The roof brackets are adjustable for the variable roof pitches and should be assembled so that the front of the roof bracket is perpendicular to the ground when mounted on the sloped roof. Two 3/8" holes will need to be drilled through the overlapping sections #3 and #4 once the front section #2 is perpendicular to the ground to secure them in place. (Fig #1C)

Bracket location is the same as stated above for wall mount. On an asphalt shingle roof, drill into the center of the rafter and fill with silicone grade caulk, run an inverted "U" of caulk around the holes in the base of the roof bracket and securely fasten to the roof at the desired locations. On roofing other than asphalt shingles, we recommend consulting a licensed roofing contractor for mounting and sealing recommendations.

The wall brackets may be mounted directly to each roof bracket or to a ledger board if desired or required. If using a 2" x 10" mounting board, the wall brackets must be through bolted, NOT Lag bolted to the board. **DO NOT SPREAD THEM EVENLY ACROSS THE AWNING.**



NOTE: It is extremely important that all brackets are mounted plumb, square and level.

Fig. 1A - Wall Mount Installation

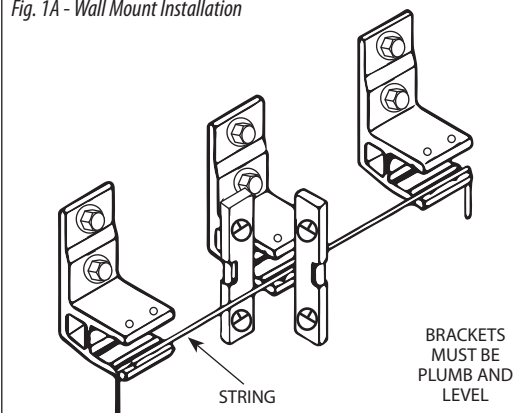


Fig. 1B - Soffit Mount Installation

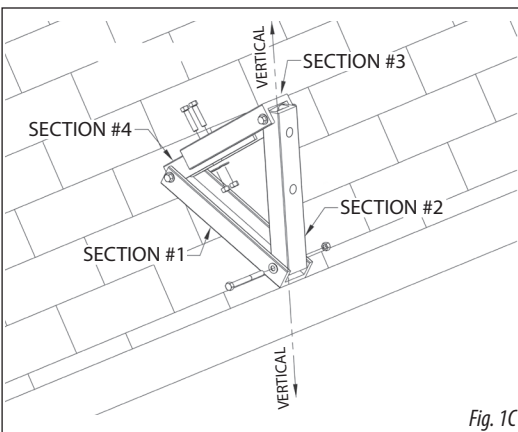
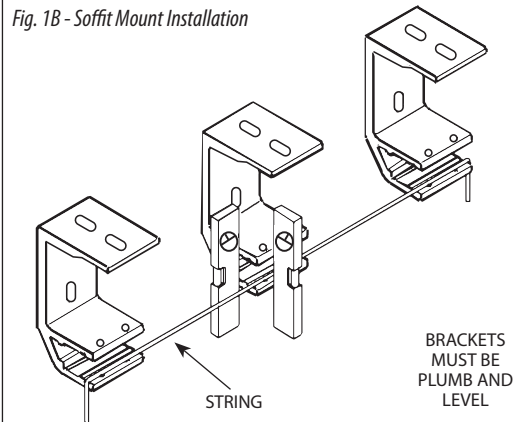


Fig. 1C

2

Securing the Awning on the Wall

Place the awning into the brackets. DO NOT FORCE. Adjust brackets if necessary so the square bar is fully seated. Install the mounting bracket safety plates and secure using a 6mm Allen socket on a ratchet, as shown below (Fig. 3). Using a small Allen wrench will NOT result in sufficiently tight bracket bolts.



WARNING: When less than 6" of space is available between the roller tube end bracket and the shoulder, there will not be room for the keyway to slide into the bracket. Filing/grinding the top or bottom leg of the keyway will allow it to be installed from the front, otherwise it cannot be used and the bolts will be exposed.



Fig. 2

3

Opening the Awning

Using your remote control or hand crank, open the awning roughly 4". This enables you to carefully remove the remaining packaging materials from the arms inside.

4

Adjustments

Shoulder Pitch Adjustment: This awning shoulder does not require any loosening of bolts to adjust the pitch of the shoulders. Lift the arm upward to relieve pressure, then use a 6 mm Allen wrench to turn the pitch adjustment bolt. The pitch adjustment bolt is located on the front of the shoulder.

To RAISE the pitch, turn the pitch adjustment bolt counter-clockwise.
To LOWER the pitch, turn the pitch adjustment bolt clockwise (Fig. 4A).

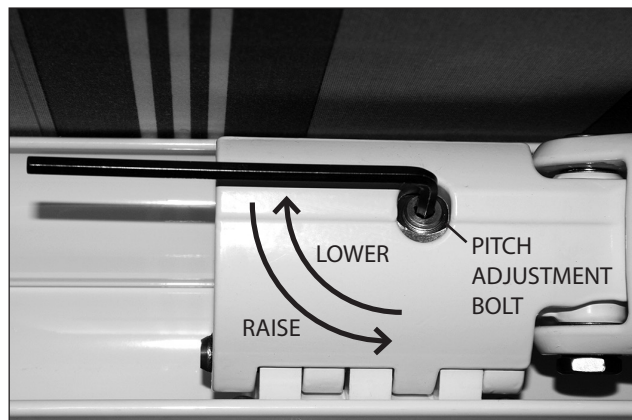


Fig. 4A

Arm/Elbow Leveling Adjustment (if needed): The arms are adjusted and leveled during the factory assembly process, however shipping and installation may require an adjustment if the elbow(s) hit the top or bottom of the front bar cavity when closing. Open the awning about 6". Loosen the large locking nut on the bottom of the arm shoulder attachment bolt with a 19mm wrench (Fig. 4B). Insert an 8mm Allen wrench in the top of the bolt. Lift up on the elbow and turn the Allen wrench up to 1/2 of a turn to raise or lower the elbow to align with the center of the front bar cavity. Securely tighten the locking nut and test.



Fig. 4B

OPERATING INSTRUCTIONS:

5

Motorized Operation:

If your awning is equipped with an optional motor, the "in" and "out" limits would have been set at the factory. If your awning does not close or open completely, please contact customer service for limit setting instructions since they vary based on the particular motor installed. (PLEASE NOTE: It is normal for the arms to have a slight bend when open.)

(See back for TROUBLESHOOTING / RESETTING THE LIMITS.)

TROUBLESHOOTING / RESETTING THE LIMITS:

Awnings equipped with a motor are preset at the factory but in the event they need to be adjusted or reset please follow these instructions or call customer service for assistance. These instructions are for the default motor used on this awning series; however there are other motors that may be used or substituted as ordered or required. If you are not sure which motor is in the awning, please call Customer Service at (800) 858-5818 before attempting to make any adjustments.

To add an additional transmitter/channel or sensor:

Press the programming button on the back of the already programmed transmitter until the motor jogs. Then press the programming button on the additional transmitter or sensor that you would like to add until the motor jogs. Test the new transmitter or added sensor.

Somfy® Sunea® motor limit setting/adjustment – Non-Cassette Awning: Limits on the Sunea motor are set and adjusted with the remote transmitter (Fig. 5A), not on the motor head.

To change the **EXTENDED/OPEN** limit:

Open the awning to its current lower limit position and let it stop. Press and hold the UP and DOWN buttons simultaneously (Fig. 5B) until the motor jogs, then release. Use the UP/DOWN button to adjust to a new lower limit position. Press the MY/STOP button (Fig. 5C) until the motor jogs, then release. Check new limit.

To change the **RETRACTED/CLOSED** limit:

The upper limit is set automatically based on the awning front bar closing force. If the cassette does not fully close, check to make sure there is nothing interfering with the front bar by manually closing the awning with the manual override shaft on the motor. If it closes smoothly by hand, then call Customer Service at (800) 858-5818 for additional guidance on fully resetting the motor.

If motor is not responding to the transmitter (these steps do not affect the motor limits):

- Verify the outlet has power by plugging in a lamp and making sure the GFCI is not tripped.
- Verify the red light on the transmitter lights when any button is pressed.
- If both items above are verified with no response from the motor, then a power cut reset may work:

Start with the motor plugged into the outlet: STEP 1: Unplug for 5 seconds
STEP 2: Plug in for 10 seconds
STEP 3: Unplug for 5 seconds

Plug back in – The motor should jog or run for a few seconds. This puts the motor in programming mode. If no response occurs, please call Customer Service at (800) 858-5818 for additional guidance. If the motor jogged, press the UP or DOWN button to see if the motor moves. If the motor runs, you should be all set. If the motor does not run, please call Customer Service at (800) 858-5818 for additional guidance.

