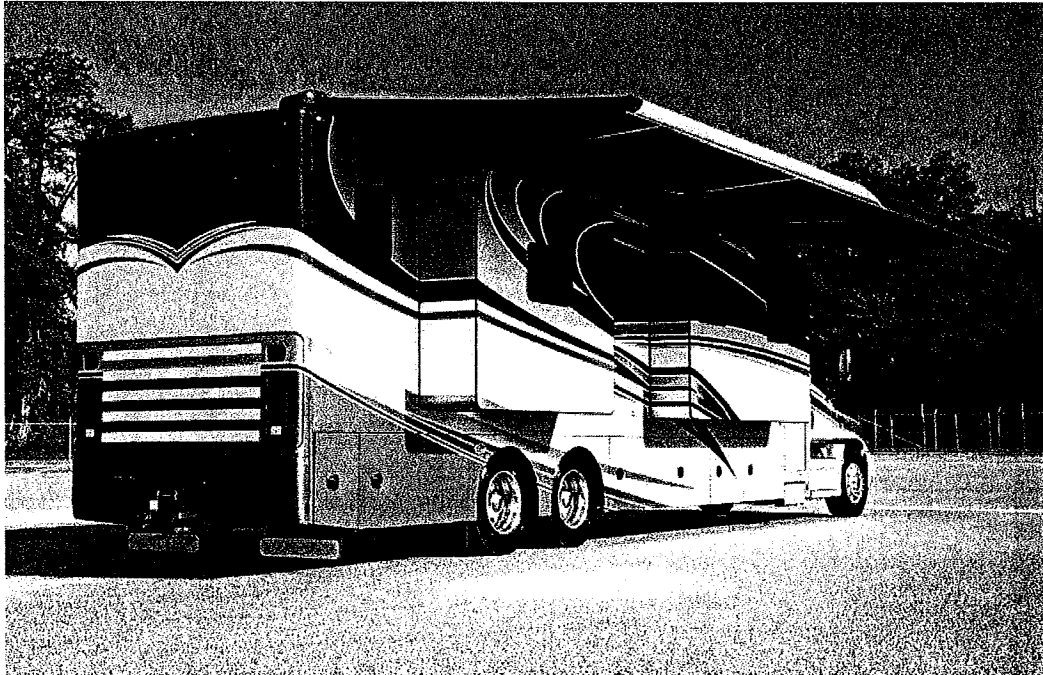




Somfy RTS



Century Lateral Arm Awning

OWNER'S MANUAL
Operation, Maintenance, Adjustments and Repairs

Revised January 2013

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Zip Dee Century Awning Features :

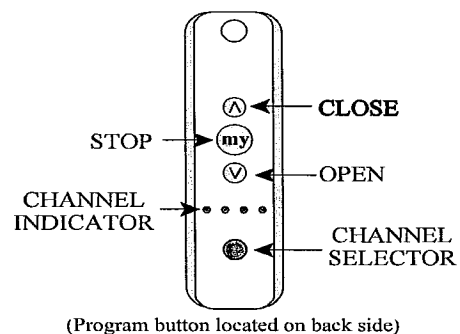
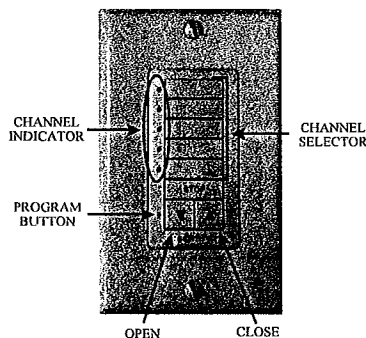
- Single touch open and close operation from either a hand held remote or a fixed wall switch.
- Stop function that allows you to use your awning in any position between fully open and fully closed.
- A shake sensor that automatically closes your awning when the wind causes too much movement.
- A manual override that allows you to manually close or open your awning in case of a loss of power.
- An attractive aluminum housing, assembled with stainless steel fasteners.
- High quality Sunbrella® acrylic fabric.

General Precautions

- Make sure that the space the awning will be opening into is clear before opening.
- Do not leave manual override wheel in the motor drive when not in use.
- Remove any large pieces of debris that may have accumulated on the awning, before attempting to retract the awning.
- Retract awning during storm, rain or snow.
- Do not attempt to move vehicle with awnings extended.

OPERATING INSTRUCTIONS

1. Open the awning by using either the wall switch (Fig. 1) or hand held remote (Fig. 2).
2. The remote transmitter has 4 channels for independently controlling up to 4 awnings. Use the round channel selector button to select the awning to be controlled, indicated by flashing LED above the button. Then press the UP, Down or Stop button. To change selections, see installation instructions.
3. Close the awning by using either the low voltage switch or hand held remote. The awning will retract and automatically stop at the fully closed position.
4. Pressing the Stop button at any point during the open or close cycle, will freeze the awning in its current position. To return the awning to either the open or close position, simply press the appropriate button on either the wall switch or the hand held remote.



Note: Awning motors are designed for short-term operation of not more than 4-5 minutes per hour. Repeated rolling out and rolling in of the awning may lead to overheating of the motor, which then will be shut off by the integrated overload protection. The motor can be operated again only after it has cooled off sufficiently, which may require 30 to 60 minutes, depending on outside temperature

Manual Override

Determine which end of the awning houses the motor (the cord should exit the back of the enclosure nearest the motor end). Remove the plastic plug closest to the front cover. Insert the emergency crank through the top of the enclosure and into the motor housing as shown in Fig. 2 (the crank should come within an inch of the top of the awning when it is fully inserted). If the motor is in the right hand end of the awning, rotate the crank counter clockwise to open or clockwise to close the awning. If the motor is in the left hand end, the direction of rotation will be the opposite of the above.

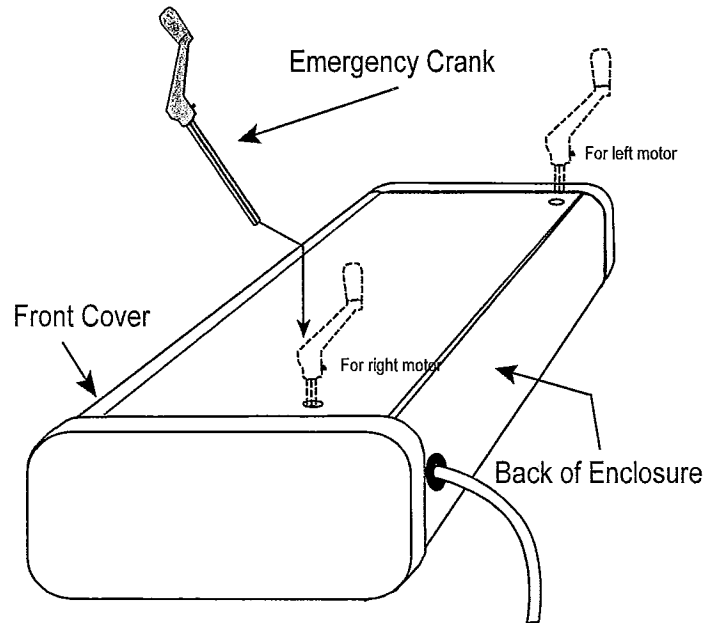


Fig. 2

Warning: Attaching a motor of any kind to the manual override drive can damage the motor.

Maintenance

The Zip Dee Century awning needs little maintenance service other than an occasional cleaning of the hardware and fabric. However, it is recommended to check once or twice per year whether all mounting screws are tight.

Care of Awning Fabric:

Cleaning: The beautiful fabric of your Zip Dee Century Awning is Sunbrella® - made of acrylic fibers which cannot rot or mildew. Your awning can be rolled up wet if necessary, but be sure to open it up to dry as soon as possible.

Acrylic fabric is a synthetic and cannot support mildew or other plant growth. However, mildew can grow on pollen, grain dust, plant spores, or other airborne organic material, which can accumulate on the awning or in the weave. Mildew that grows on this foreign matter can leave an unsightly stain which, although not harmful to the fabric, can be difficult to remove. To minimize the chance of a stain, keep the awning fabric clean by following the steps below. Don't wait for stains or dirt to become visible. In the case of fabric, what you don't see can hurt!

- Once a month, loosen hardened dirt and dust with a dry, medium bristle brush. Then thoroughly rinse both top and bottom of the awning with a hose.
- Seasonally, wash your awning with **Zip Dee WashOut Acrylic Awning Cleaner**. Wash both sides of the awning with the solution while scrubbing with a medium bristle brush. Saturate the fabric and leave the solution on for 15 - 20 minutes. Keep the fabric saturated by reapplying solution as needed. Rinse thoroughly. Repeat, if necessary, until stains disappear.
- Never use a strong detergent or stain remover such as 409® or Fantastic® on your awning. These can destroy the water repellence of the fabric.

Water Leaks: If leaking occurs after washing, it is usually the result of insufficient rinsing. Rinse as often as needed to remove all solution. If water drips through the needle holes in the stitching, you can use a commercial seam sealer, available in canvas and trailer supply stores. You may also apply paraffin wax to the top of the seams. However, as the awning "weathers," these holes will normally heal themselves.

It is normal for slight leakage to occur through the fabric where water is allowed to accumulate or "pocket" on the fabric. Sometimes soap or chemical residue from insect fogs or sprays can "wet" the fabric so that it appears unable to repel water. Wash the fabric as described above and test for water repellence after it dries. If leakage continues after repeated washing and rinsing, please contact Zip Dee concerning further maintenance.

General Information

Please don't forget, if any defects are repaired by a non-authorized person, you may jeopardize the safety of your system and any claims you may have under the warranty.

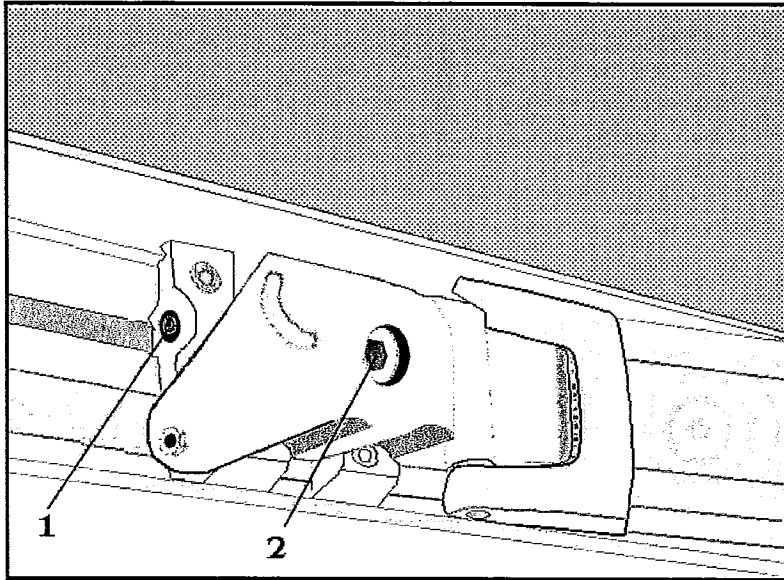
Therefore, please call Zip Dee at 800-338-2378 or your authorized dealer immediately and do not perform any repair yourself. Your authorized dealer will be delighted to help you quickly and expertly.

ADJUSTMENTS

Adjustment and Change of Pitch

- Extend awning fully open.
- Loosen the set-screw 1 with a 4mm Allen hex key.
- Take the load off of the adjusting element, carefully lift the articulated arm or front bar of the awning until the round screw 2 can be turned easily.

- Turning the screw to the left (counter-clockwise) increases the pitch (the articulated arm moves downward). Turning to the right (clockwise) reduces the pitch.



1. Pitch Adjustment Set Screw
(4 mm)

2. Pitch Adjustment Screw
(8 mm)

Note: In order to avoid damage to the Front Cover mounting, the difference of the Pitch between the articulated arms shall not be larger than 10° .

- Repeat the adjustment procedure on the other articulated arm.
- Upon repeated adjustments made, tighten the set screw 1.

Adjustments for Somfy RTS Motor

1. Adjusting the Open Limit on an RTS motor

- a. Select the channel of the awning to be adjusted on the remote.
- b. Open the awning all the way.
- c. Press and hold the UP and DOWN at the same time till the awning moves (5-10 seconds)
- d. Use the UP and DOWN buttons to set it to the desired extension.
- e. Press and hold the MY button until the awning moves.

Note:

It is easiest to match the out limits if one awning is already in the open position before you adjust the other.

2. Adjusting Closing Force

- a. Unplug Awning for 2 seconds.
- b. Plug in Awning.
- c. Open halfway and press "my" to stop.
- d. Press then **RELEASE** "my" and "up" buttons together
- e. Press then **HOLD** "my" and "up" buttons together until awning moves.
- f. Press "up" or "down" to adjust closing strength.
 - i. "Up" will increase the closing strength.
 - ii. "Down" will decrease the closing strength.
- g. Press and hold "my" until awning moves.

3. Adjusting Shake Sensor Sensitivity

- a. Open awning completely.
- b. Remove shake sensor for **2 seconds**.
 - i. Sensor will slide to the left to release.
 - ii. Be sure to replace the sensor within 4 seconds or the sensor will not go into programming mode and you will need to repeat step "b".
- c. Shake the awning by hand at the desired shaking threshold til it retracts.

Deleting the Memory from a Somfy RTS Motor

1. **Unplug** motor for **2 seconds**.
2. **Plug in** motor for **5-15 seconds**.
3. **Unplug** motor for **2 seconds**.
4. **Plug in** motor.
 - a. Motor should move for several seconds.
5. Once Motor stops moving, press and hold the program button on the back of the remote for **Several Seconds** till the awning makes a movement **the second time**.

Programing Instructions for Somfy RTS Motor

1. Programing the Remote

- a. Plug in awning.
- b. Select the desired channel on the remote
- c. Press and hold “up” and “down” buttons on the remote until it moves.
- d. Press the Up button. If awning retracts skip step d.
- e. Switch the direction of the motor by holding the “my” button until it moves
- f. **Set the Open and Close limits**
 - i. Use the “down” button to open to full extension (where you want the end limit.
 - ii. Press and hold the “up” and “my” buttons till awning starts to retract.
 - iii. Stop halfway closed by pressing the “my” button.
 - iv. Press and hold the “my” button again until awning moves.
 - v. Once closed press in the program button on the back of the remote until the awning moves.

The Following Steps are for Multi-Channel Use ONLY

To add ability to control all the awnings at once.

- g. Press and hold the program button on the back of the remote until the awning moves.
- h. Change the channel of the remote till all 4 red lights are flashing.
- i. Press and hold the program button on the back of the remote until the awning moves.

2. Programing the Wall Switch

- a. Select the channel of the awning on the remote.
- b. Press and hold the program button on the back of the remote until the awning moves.
- c. Press the corresponding channel button on the wall switch so the LED turns on.
- d. Use paper clip to press and hold the program button on the wall switch (little pin-hole to the left of control buttons) until the awning moves.

The Following Steps are for Multi-Channel Use ONLY

To add ability to control all the awnings at once.

- e. Press and hold the program button on the wall switch.
- f. Select the bottom channel on the wall switch so the LED turns on.
- g. Press and hold the program button on the wall switch.

3. Programing the Shake sensor.

- a. Use adhesive to put backing plate in the curved part of the front bar.
- b. Remove battery holster from main unit.
- c. Use small flat blade screwdriver to turn dial to 0.

- d. Insert AAA batteries.
- e. Press and hold program button on the back of the remote till awning moves.
- f. Press and hold red button on the battery holster till awning moves.
- g. Replace battery holster into main unit.
- h. Slide main unit onto backing plate in the front bar.
- i. Shake to desired tolerance till awning retracts.