



RECORD THIS UNIT INFORMATION FOR
FUTURE REFERENCE:

Model Number _____

Serial Number _____

Date Purchased _____

110(XX)(YY).X00(#) Home Cassette Awning

USA

SERVICE OFFICE
Dometic, LLC
2320 Industrial Parkway
Elkhart, IN 46516
574-294-2511

CANADA

Dometic, LLC
46 Zatonski, Unit 3
Brantford, ON N3T 5L8
CANADA
519-720-9578

For Service Center
Assistance Call:
800-544-4881

WARNING

This manual must be read and understood before installation, adjustment, service, or maintenance is performed. This unit must be installed by a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

AVERTISSEMENT

Lire et comprendre ce manuel avant de procéder à l'installation, à des réglages, de l'entretien ou des réparations. L'installation de cet appareil doit être effectuée par un réparateur qualifié. Toute modification de cet appareil peut être extrêmement dangereuse et entraîner des blessures ou dommages matériels.

INSTALLATION & OPERATION INSTRUCTIONS

Model

110(XX)(YY).000(#)

110(XX)(YY).100(#)

REVISION:

Form No. 3312926.037 8/09
(Replaces 3312926.029)
(French 3312928.033)
©2009 Dometic, LLC
LaGrange, IN 46761

Important: These Instructions must stay with unit. Owner read carefully.

SAFETY INSTRUCTIONS

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries.

RECOGNIZE SAFETY INFORMATION



This is the safety-alert symbol. When you see this symbol in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating instructions.

UNDERSTAND SIGNAL WORDS

A signal word, **WARNING** OR **CAUTION** is used with the safety-alert symbol. They give the level of risk for potential injury.

⚠ WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION used without the safety alert symbol indicates, a potentially hazardous situation which, if not avoided, may result in property damage.

Read and follow all safety information and instructions.

INSTALLATION

Tools Required:

- Drill
- Hammer
- Stud Finder
- Ratchet w/ 3/8", 1/2", & 17mm Socket
- 3/16" Wood Drill Bit
- Hacksaw
- 6mm Allen Wrench
- Level (laser/line) & String
- 1/2" masonry drill bit

Items required for installation:

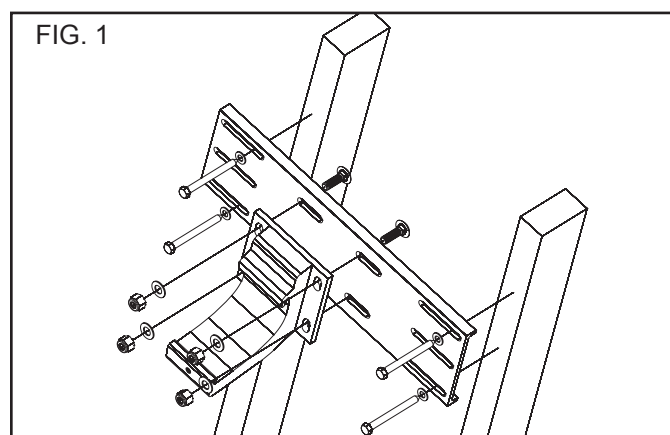
	Awning Size		
	10'	12', 14', 16'	18'
	Quantity		
Case Wall Bracket	2	3	4
Carriage Bolt 1/2"-13 X 1.5"	8	12	16
Flat 1/2" I.D. Washer	8	12	16
Machine Nut w/Nylon 1/2"-13 UNC	8	12	16
Lag Screw 7-3/8" X 4"	8	12	16
Flat 3/8" I.D. Washer	8	12	16
Adapter Plate	2	3	4

Note: Items for installations on eaves, brick, and stone are not provided. See installation sections C & D for more details.

Note: For service parts go to www.eDometic.com and click the link "Service Parts". Enter your product model number to view service parts available.

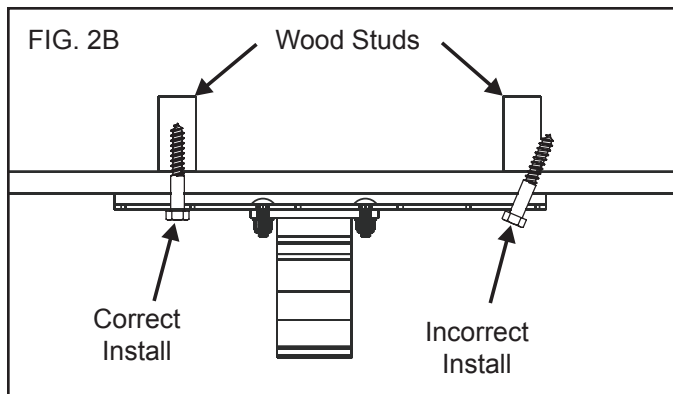
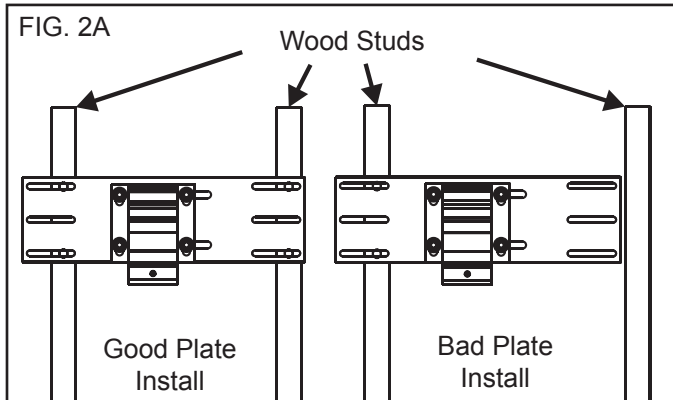
A. FLAT SIDING, STUCCO ALUMINUM, VINYL, HARDBOARD OR LAP SIDING

The most common installations will be on flat siding, stucco, or siding (aluminum, vinyl, hardboard or lap). In these types of installations, each awning wall bracket will be mounted on an adapter plate. Each adapter plate in turn will be mounted on two wall studs.



⚠ CAUTION

It is critical for safe installation of the awning that each adapter plate is properly secured to two (not just one) wall studs. Failure to properly secure each adapter plate could result in personal injury and/or damage to property.



1. The first step in this installation is to determine where the awning will be mounted. The height of the awning must first be determined. The mounting surface must be at least 6" wide and a desired head clearance height from the bottom of the mounting surface to the patio surface. Refer to figure 3.

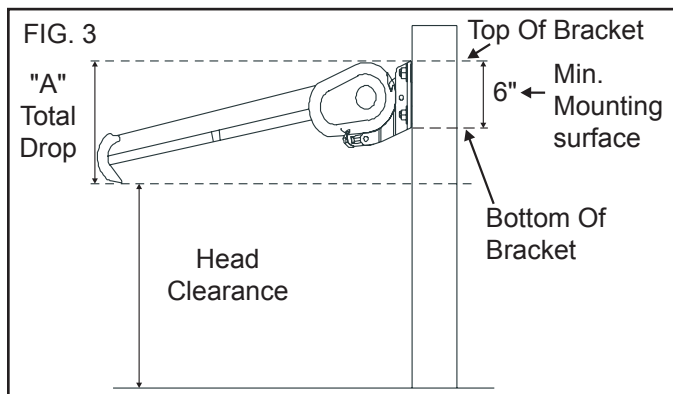
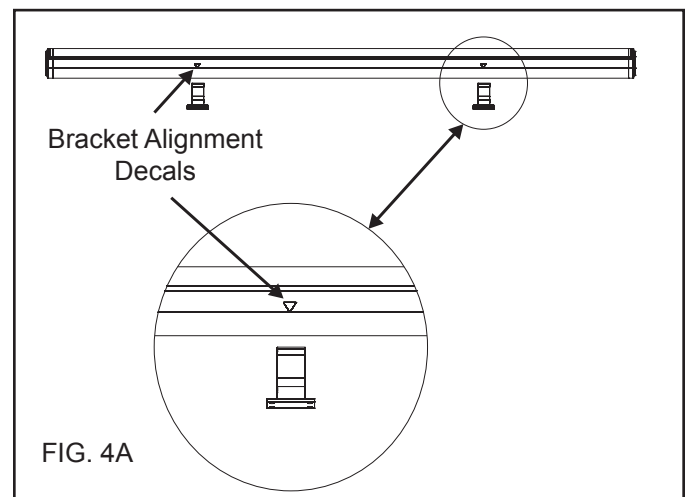


Table 1 shows the approximate amount of total drop can be adjusted after installation.

Table 1

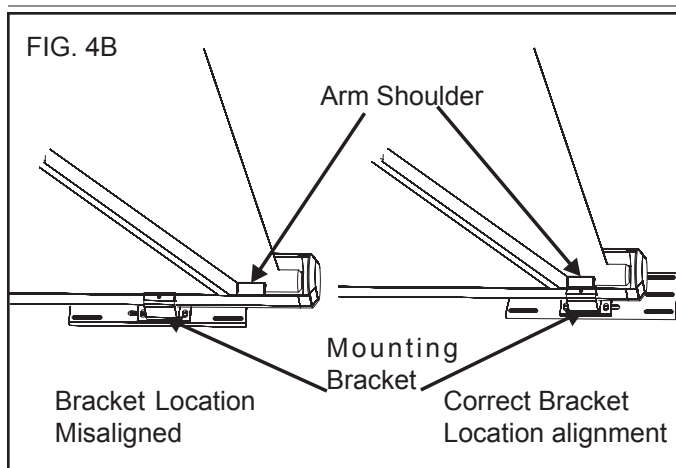
Length Of Awning	10' - 14'	16' - 18'
"A" (Total Drop)	12"	20"

2. After the awning height has been determined, mark a horizontal line along the bottom edge of mounting surface using a string level or laser level. This line will serve as an alignment mark for the bottom edge of the adapter plates. Next, the location of the awning on the mounting surface must be determined. This requires understanding the location of the wall's studs relative to the location of the awning's mounting brackets.

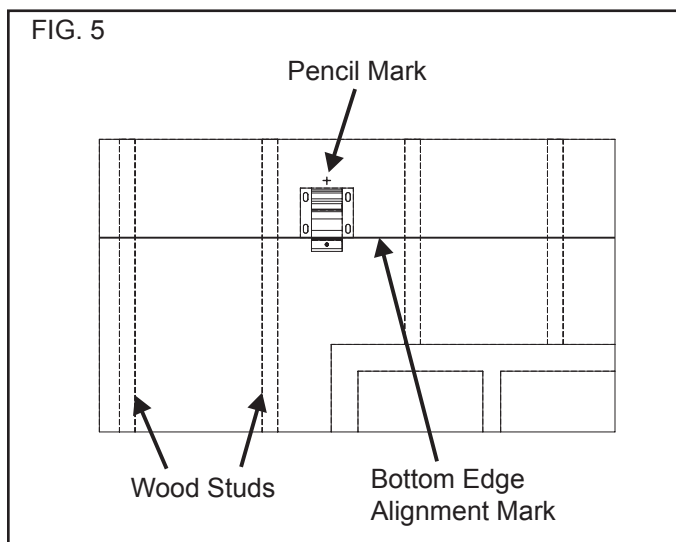
**⚠ CAUTION**

It is critical for proper operation of the awning that the mounting brackets be located directly behind the awning shoulders. Failure to do so can result in personal injury and/or damage to property.

3. Located on the underside of the cassette are wall bracket alignment decals. (FIG. 4A) These decals represent where the awning shoulders are located inside the cassette. The wall brackets must be mounted directly behind the shoulders. (FIG. 4B) Measure the distance from the end of the awning to the first alignment decal. Then measure the distance from the first decal to the subsequent decals.



- Next, using the measurements previously gathered and allowing sufficient clearance around the ends of the awning, mark with a pencil the locations of the wall bracket center lines on the wall. (FIG. 6) This will provide a starting point from which to identify the nearest wall stud on each side of the bracket. It will be on these two studs that the adapter plate with wall bracket will be attached.

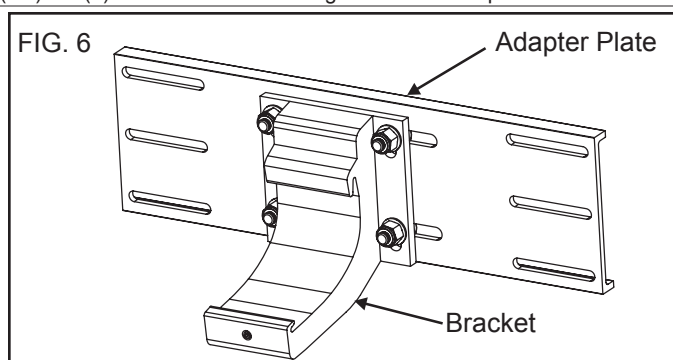


- Using a stud finder, mark the centers of the nearest stud on each side of the proposed wall bracket location.

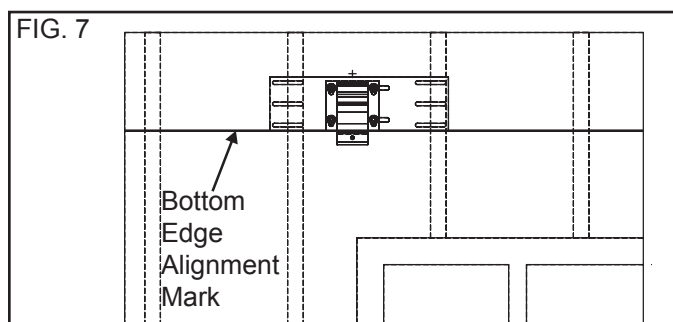
CAUTION

It is critical to find the centers of the studs. Failure to install the lag bolts in the structural studs can result in the awning separating from the wall, resulting in personal injury and/or damage to property.

- Attach the wall bracket to the adapter plate using the carriage bolts, nuts, and washers shown in figure 6. Leave the nuts slightly loose to allow for readjustment of the wall bracket if required later.

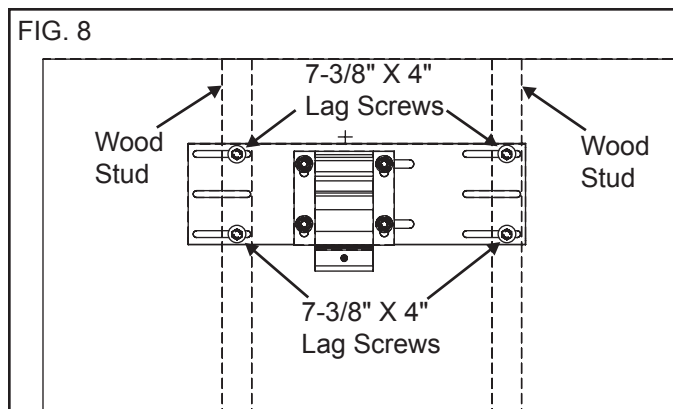


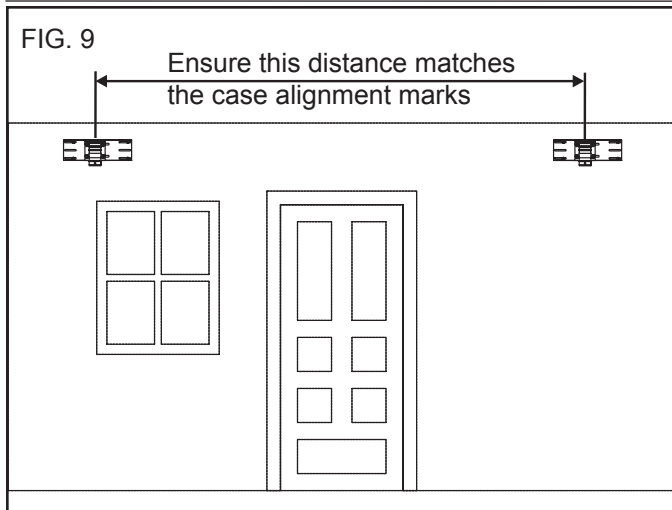
- Using the adapter bracket as a template place the adapter against the wall, checking to make sure that the adapter can be mounted to the wall and still maintain proper position of the wall bracket. The adapter plate has slots to allow for some adjustment of the plate as well as the wall bracket. (FIG. 7)



Important: (For Aluminum, Vinyl, Hardboard Or Lap Siding) To provide a flat surface on which to mount the adapter plate, it will be necessary to cut the siding in the areas that the adapter plates will be mounted. Using the adapter plate as a template and holding it in the correct location, mark the outline of the adapter plate. Next, cut the siding with a sharp utility knife, exposing the flat mounting surface (either the studs or the sheathing on top of the studs). Re-mark the stud centers (if sheathing is present).

- After confirming the adapter plate can be properly installed on the centers of the studs to result in the proper position of the wall bracket, drill pilot holes for each lag screw using a 1/4" wood bit. Secure the adapter plate to the wall using the 3/8" X 4" fasteners shown in the illustration below.





9. Repeat the above steps for the opposite end of the awning.
10. After both adapter plates with wall brackets are properly secured, verify that the centerline distances between the two wall brackets matches awning wall bracket alignment decals. If the distances are not correct, adjust the brackets accordingly.
11. Tighten all of the nuts for the wall bracket. Seal around any openings with paintable silicone caulking.

B. INSTALLING WALL BRACKETS TO FASCIA

For installation of the awning on fascia, follow the same general procedure as listed for flat siding with the following difference:

1. All guttering must be removed from the fascia area where the awning will be hung.
2. Instead of mounting the adapter plate to wall studs, the adapter plate will be mounted to the structural rafters.

C. INSTALLING WALL BRACKETS TO EAVES

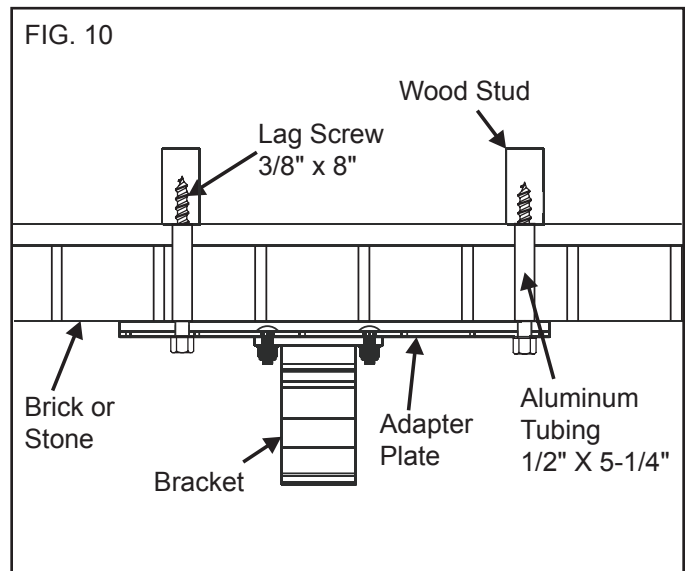
For installation of the awning on eaves, follow the same general procedure as listed for flat siding with the following difference:

1. Instead of mounting the adapter plate to wall studs, the adapter plate will be mounted to the structural boards to which the eaves are secured.
2. The 90-degree eave adapter (kit # 3312954.005, sold separately) will be attached to the wall adapter plate.
3. The wall brackets, in turn, will then be installed on the 90-degree eave adapter.

D. INSTALLING WALL BRACKETS TO BRICK OR STONE

For installation of the awning on brick or stone, follow the same general procedure as listed for flat siding with the following difference:

1. You may need to locate the center of all of the studs from the inside of the house and then measure their locations from the outside openings.
2. After the location of the holes has been marked, use a $\frac{1}{2}$ " masonry bit to drill through the brick or stone. Be careful not to drill into the studs with the masonry bit.
3. Insert $\frac{1}{2}$ " x 5-1/2" aluminum tubing into each of the holes. (The tubing can be purchased at a local hardware store in 3' sticks and cut into 5-1/2" pieces using a hacksaw.)
4. Proceed with the installation of the adapter plate as mentioned above, however use $\frac{3}{8}$ " x 8" lag screws rather than those provided with the adapter kit.



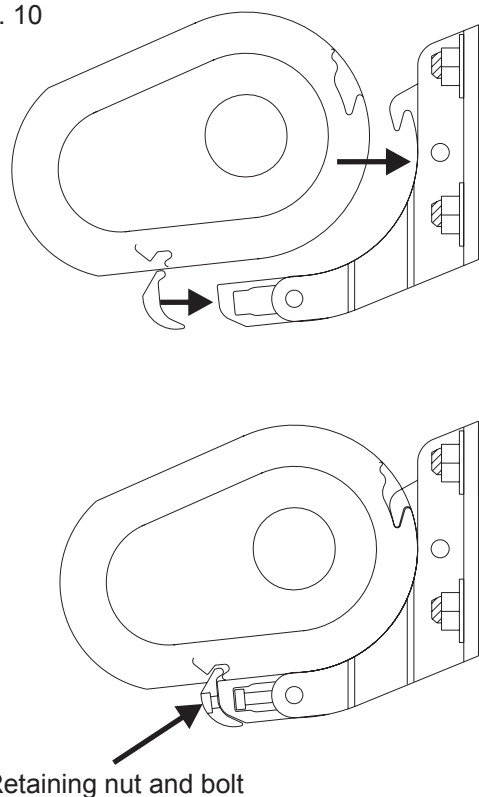
E. MOUNTING THE AWNING

⚠ CAUTION

The awning is very heavy. Ensure you have enough assistance to support and install the awning. Injury could result from lifting without adequate assistance and ladders in place.

1. Lift the awning until the cassette slides into the wall brackets. Be sure that the power cord is hanging from the underside of the awning.
2. Tighten the retaining bolts through the wall brackets to secure the awning in place.

FIG. 10



Retaining nut and bolt

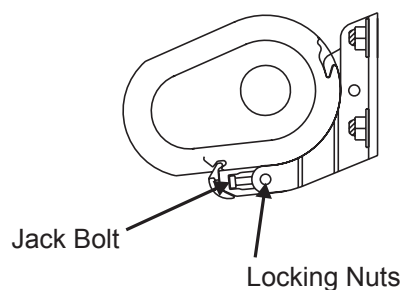
3. Tighten the bolt on the side of the bracket.

F. LEVELLING THE AWNING

The awning is already preset with the best level of pitch. When fully opened, the front bar should be level. However, if necessary, the level can be adjusted as follows:

1. Loosen the 17mm locking nuts located on the side of the brackets.
2. Turn the jack bolt (located in the middle screw – covered by a plastic cap) by using a 6mm allen wrench.
3. There is a built-in level inside the front bar that can be used to ensure the front bar is level.

FIG. 11



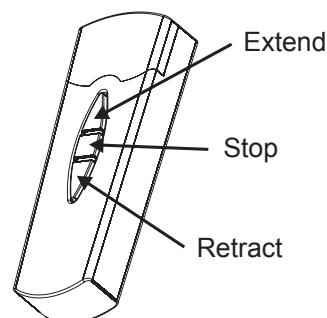
4. The awning should be adjusted while the awning is open. After each adjustment, check the level, close, open and readjust if necessary.

USER'S GUIDE

A. OPERATION

To extend the awning, press the top button on the remote. The awning will extend automatically after holding the button down for an instant.

FIG. 12

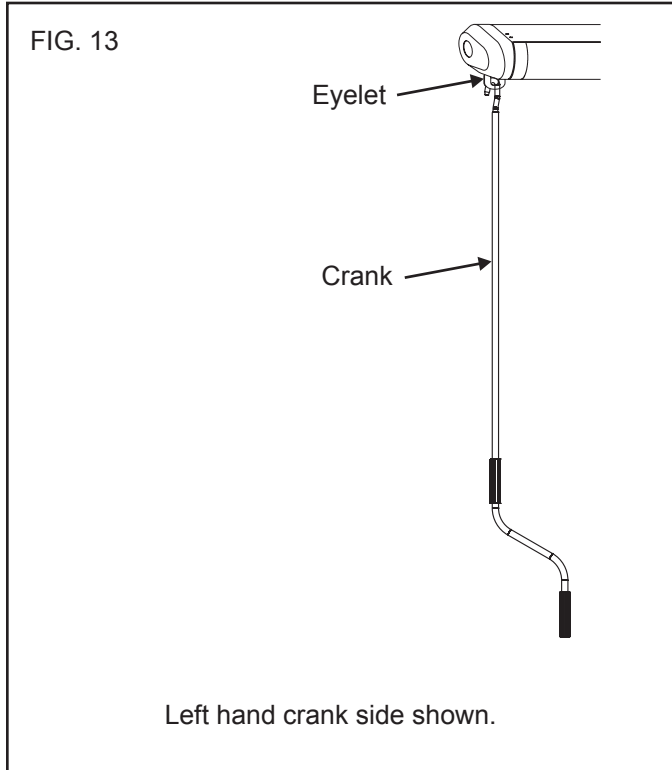


To retract the awning, press the bottom button on the remote. The awning will retract automatically after holding the button down for an instant.

To stop the awning at any position between fully extended and fully retracted, press the middle button on the remote.

B. MANUAL ROLL-UP FEATURE

This awning includes a manual roll-up gearbox on the end of the motor, which allows the user to stow the awning in the event of a loss of electrical power or a motor problem. Hook the supplier crank wand into the eyelet as shown and crank the awning until the cassette is closed.



C. ADJUSTING THE LIMITS OF THE AWNING

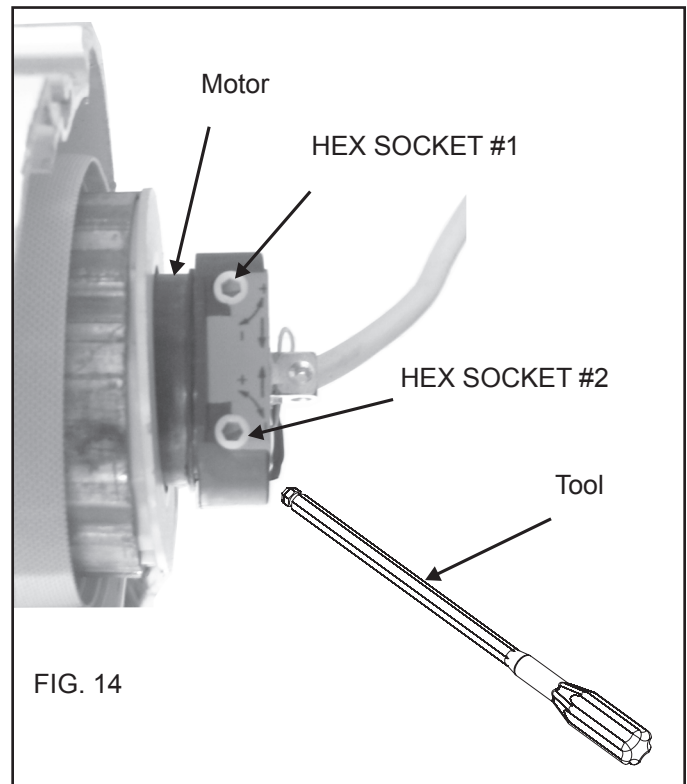
The awning will stop at a pre-set maximum extension. It will also stop when fully retracted. If necessary, it is possible to adjust the pre-set positions as follows using the provided hex socket tool.

CAUTION

Be careful not to set the awning to over-retract or it may cause damage to the awning. If the awning is set to over-retract, the electrical current setting will cause the motor to turn off, rather than the pre-set limit device. This will cause premature awning motor damage if performed repeatedly.

Always make sure you count the amount of turns while adjusting, in the event it's desired to go back to the original setting.

1. Setting the retraction point (Hex socket #1): Rotating the socket toward the negative (-) sign will reduce the amount the awning retracts. Rotating the socket toward the plus (+) sign will increase the amount the awning retracts.
2. Setting the extension point (Hex socket #2): Rotating the socket toward the negative (-) sign will reduce the amount the awning extends. Rotating the socket toward the plus (+) sign will increase the amount the awning extends.



D. AWNING EXTENSION AND RETRACTION SETTINGS REESTABLISHED AFTER MOTOR OR FABRIC REPLACEMENT

1. Extend the awning 1 foot.
2. Turn (Hex Socket #1) towards the (-) sign until it is tight to turn. Be careful not to over tighten and damage the plastic hex socket screw.
3. Depress the extension remote button and keep it depressed as you turn (Hex Socket #1) towards the (+) sign. The awning will begin to open in a stepping motion as the hex tool turns (Hex Socket #1) toward the (+) sign.
4. Stop turning the hex tool and release the remote extension button when desired extension is achieved.

5. To adjust the retraction follow the same process outlined in steps 2 - 4 depressing the remote retraction button to achieve desired retraction adjustment. You will work with (Hex Socket #2). See FIG. 14
6. When adjusting the retraction, you will only be able to step the awning until it reaches 3" from full retraction. Stop at this point by releasing the remote retraction button. Be careful not to trap the adjustment tool between the front channel and the case.
7. Turn (Hex Socket #2) toward (+) sign in 1/4 turn increments then depress the remote retraction button, repeat until desired closure is achieved.

E. AWNING CARE

With proper care, this awning will provide years of enjoyment. Fabric stains should not be left on the fabric or case for extended periods. The stains should be washed off using a mild detergent and a sponge.

The awning should always be retracted in windy and rainy weather conditions and when not in use.

LIMITED TWO-YEAR WARRANTY DOMETIC PATIO AWNINGS

THE SELLER NAMED BELOW MAKES THE FOLLOWING WARRANTY WITH RESPECT TO THE DOMETIC PRODUCT:

1. This warranty is made only to the first purchaser (herein after referred to as the "Original Purchaser") who acquires the product for his own use and is installed and operated within the continental United States and Canada.
2. This warranty will be in effect for two years on parts and freight and two years on labor from the date of purchase by the original purchaser. It is suggested that the original purchaser retain a copy of the dated bill of sale as evidence of the date of purchase.
3. This warranty covers labor and specified parts, which shall be free from defects in material and workmanship under normal use. This warranty does NOT cover conditions unrelated to the material and workmanship of the product. Such unrelated conditions include, but are not limited to: (a) damage not reported within 7 days of ownership; (b) failure or damage caused by storms, rain, water pooling, or any acts of God; (c) faulty installation and any damage resulting from such; (d) the need for normal maintenance and any damage resulting from the failure to provide such maintenance; (e) failure to follow Sellers instructions for use of this product; (f) any accident to or misuse of any part of this product and any alteration by anyone other than the Seller or its authorized representative; (g) damage or failure caused by installation of accessories not manufactured and marketed by the Seller; and (h) normal wear and product abuse.
4. The specified parts covered by this warranty are as follows: (a) Roller tube and/or front bar against rust, corrosion and extrusion defects; (b) Fabric free from quality defects (normal wear is not covered); and (c) Torsion assemblies against extrusion defects or breakage; and (d) Hardware and/or case and arms against extrusion defects.
5. It is suggested the original purchaser provide preventative maintenance on a yearly basis. The preventative maintenance suggested is: (a) assure proper winding of fabric; (b) cleaning of fabric; (c) inspect and lubricate camlock lever, lift-lock assembly, and hardware slide areas. The cost of this preventative maintenance is the original purchaser's responsibility and should take about one hour.
6. In order to obtain the benefits of this warranty, the original purchaser must contact the Seller or contact an Authorized Dometic Mobile Service Center. Dometic will cover up to one service call per warranty issue claim. If more than one service call is needed for the same warranty issue the original purchaser will be responsible for those charges. To obtain the location of the nearest Authorized Dometic Mobile Service Center, please call 1-800-544-4881 or in Canada call 1-519-653-4390. Authorized Dometic Mobile Service can also be found at our website; www.DometicUSA.com.
*Note that service call rates are subject to review and in some cases, due to location and distance traveled the Owner may be responsible for additional service call costs.
7. Any item returned in the manner described in paragraph 6 will be examined by the Seller or the Authorized Dometic Service Center. If it is found that the returned item was defective in material and workmanship, the Seller or the Authorized Dometic Service Center will repair the product per the terms outlined in paragraph 4. **CONFIRM THE SERVICE AGENCY IS AN AUTHORIZED DOMETIC SERVICE CENTER. DO NOT PAY THE SERVICE AGENCY FOR WARRANTY REPAIRS. SUCH PAYMENTS WILL NOT BE REIMBURSED.**
8. The Seller does not authorize any person or company to create any warranty obligations or liability on their behalf. This warranty is not extended by the length of time which you are deprived of the use of the product. Repairs and replacement parts provided under the terms of this warranty shall carry only the non-expired portion of this warranty.
9. In no event shall either seller be liable for incidental or consequential damages. This includes any damage to another product or products resulting from such a defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply.
10. Any implied warranty, including the implied warranty of merchantability and fitness for any purpose, is limited to the duration of this limited warranty. Some states do not allow limitations on how long an implied warranty can last, so the above limitation may not apply.
11. **THIS WARRANTY GIVES SPECIFIC LEGAL RIGHTS, YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.** No action to enforce this warranty shall be commenced later than ninety (90) days after the expiration of the warranty period. Claims must be submitted in writing to the Dometic Warranty Department for arbitration.
12. The Seller reserves the right to change the design of any product without notice and with no obligation to make corresponding changes in products previously manufactured.

Dometic, LLC
Warranty Department
509 South Poplar Street
LaGrange, Indiana 46761
Phone: 574-294-2511
Fax: 574-389-3975