



Shasta

Product Reference Guide

Rainier Shading
1760 Route 211 East
Middletown, NY 10941
(800) 501.3850

Version 5.25

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Shasta

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OFFICE: 845-692-7070 M-F (8am - 5pm EST)
AFTER HOURS / TECH SUPPORT: 845-645-6995

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Application: Premium grade/residential use

In Production Since: 2002

Operation: Sunea Override motor, manual, and other options

Widths: Up to 30' wide (in 1/4" increments)

Projections: 2'0" , 2'4" , 2'8" , 3'0" , 3'4" , 3'8" , 4'0" , 4'4" , 4'8" , 5'0"

Optional Protective Hood: Yes, for wall mounting applications

Hardware Color Options: White, Camel, and Spartan Bronze

Arm Tension System: 6 cable ART belt system tested to 60,000 cycles

Mounting Options: Wall or soffit/ceiling

Cross Arm Option: Not available

Unique Features to other Rainier units: 170° of adjustable shade

Frame Warranty*: 10 years

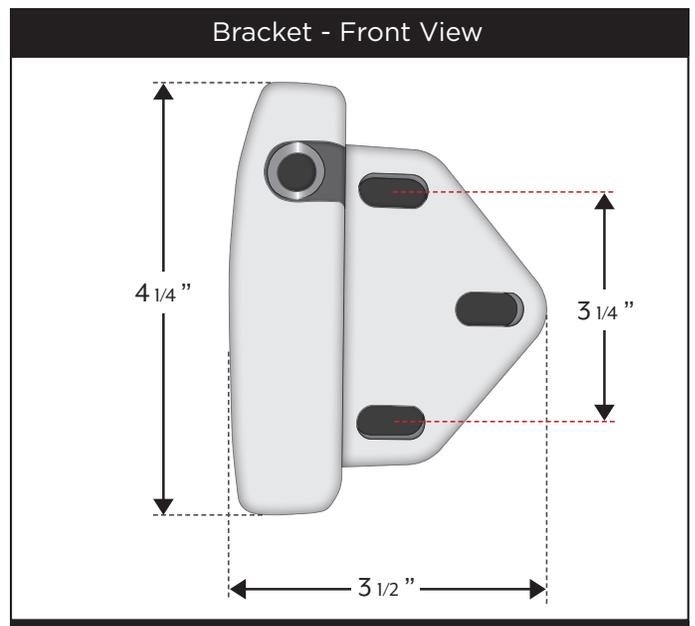
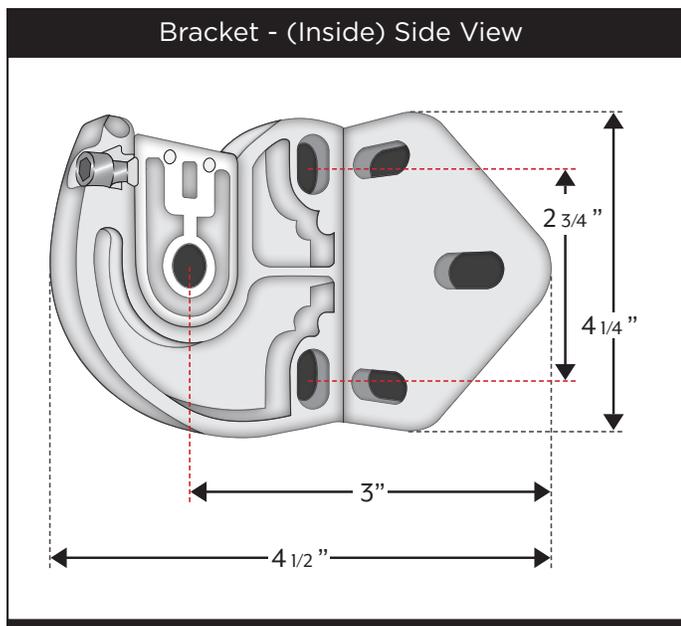
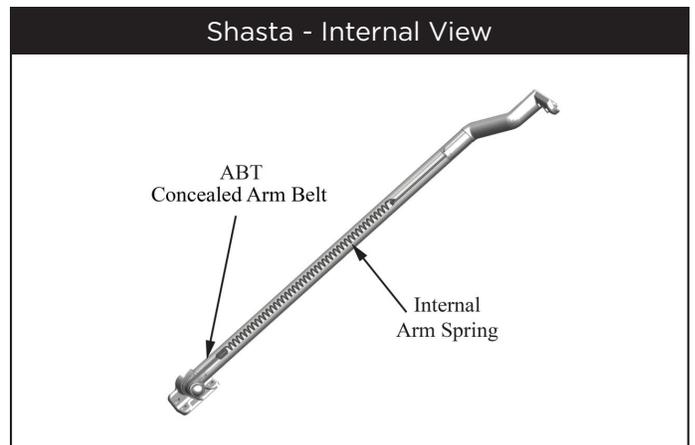
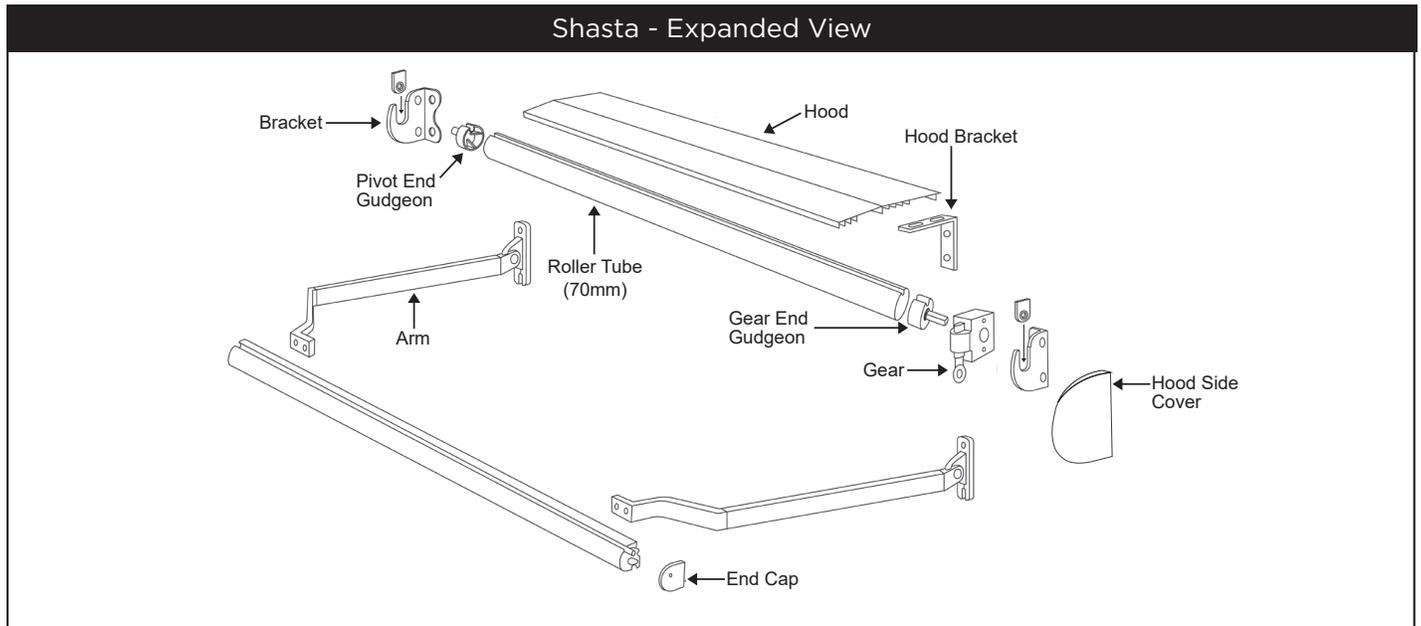
Fabric Warranty*: 10 years

Motor/Electronics Warranty*: 5 years

Extended Warranty Options:

**Non-prorated*





Shasta
Awning Components

Available Colors: * = select colors
White(01), Camel(05), and Spartan Bronze(03)



Shasta End Brackets*
#P0124-0X
sold as each complete with hardware



7:1 Gear*
#P0037-0X
sold as each



13:1 Gear*
#P0038-0X
sold as each



1:3 Beveled Gear*
#P0036-0X
sold as each



70mm Steel Roller Tube
#L0004-00 (0' - 20')
#L0005-00 (20'1" - 24')
sold by the foot



70mm Gear End Gudgeon
#P0013-00
sold as each



70mm Pivot End Gudgeon
#P0012-00
sold as each



Rainier Front Bar End Caps
#P0126-01 (White)
#P0126-02 (Black)
sold as a pair



Shasta Center Support Bracket*
#P0131-0X
sold as complete unit



8.25" Shasta Hood Profile*
#L0055-0X
sold by the foot



Hood Bracket Kit*
#P0325-0X
sold as each



Shasta Arms*
(Ordered / Actual Length)

2'0" / 19 3/4"	#A0017-0X
2'4" / 23 1/2"	#A0018-0X
2'8" / 27 3/4"	#A0019-0X
3'0" / 31 3/4"	#A0020-0X
3'4" / 35 3/4"	#A0021-0X
3'8" / 39 3/4"	#A0022-0X
4'0" / 43 3/4"	#A0023-0X
4'4" / 47 3/4"	#A0065-0X
4'8" / 51 3/4"	#A0066-0X
5'0" / 55 3/4"	#A0024-0X

sold as each



Shasta Front Bar*
#L0054-0X
sold by the foot

**Other universal parts available, see the Olympus Model chapter.*

MINIMUM WIDTHS

DRIVE TYPE	Shasta
	Minimum Width
Altus Non-Override	2'8¼"
RTS Override	3'½"
Manual Gear	2'0"

NUMBER OF ARMS AND CENTER SUPPORT USE

UNIT WIDTH	# OF ARMS	CENTER SUPPORTS
up to 13'0"	2	0
13'0" to 20'0"	4	0
20'0 1/8" to 22'0"	4	2
22'0 1/8" to 30'0"	4	2

HOOD BRACKET ASSIGNMENT

UNIT WIDTH	# OF BRACKETS	UNIT WIDTH	# OF BRACKETS
up to 6'0"	2	18' 1/8" to 22'0"	6
6' 1/8" to 10'0"	3	22'0" to 26'0"	7
10' 1/8" to 14'0"	4	26' 1/8" to 30'0"	8
14' 1/8" to 18'0"	5		

GETTING STARTED:

1. Please read these instructions - different mounting applications will require additional tools and materials.
2. Check the complete contents of the awning box for all required parts.
3. Measure the awning width and compare it to your mounting area. Look for any obstructions.
4. Check to see that you have all the required tools to perform the installation.
5. An assistant will be helpful to install the unit into the brackets for wider awnings.
6. Allow approximately 1 hour for complete installation.
7. Be patient and take your time when installing the mounting brackets. A good, solid level mounting is key to a successful installation.

RECOMMENDED TOOLS:

- Drill Motor (hammer drill is suggested if mounting into brick, masonry, or concrete)
- Drill bits
- #2 Phillips-head screwdriver
- 2mm Metric Allen wrench, 5mm Allen Wrench
- Level
- Tape Measure
- Chalk line (optional)
- Safety glasses
- Ladder
- Impact driver and adapters (for attachment hardware)
- Any wrenches (for attachment hardware)

The final selection of mounting hardware and install method varies depending on the type of installation. Proper installation is important for the function of the awning and for the safety of people using it. If you are unsure of the correct mounting method or hardware consult an expert. Failures due to improper mounting will void any applicable warranty.

HOOD INSTALLATION

Step #1

If the awning has a hood, now is the time to mount the hood brackets to the house.

Step #1a

If the awning does NOT have a center support, mount the bottom edge of the hood brackets to the chalk line.

Step #1b

If the awning has a center support, mount the bottom edge of the hood brackets 1/2" above the chalk line.

Step #2

Once the hood brackets are installed, mount the hood.
*Do not install side covers at this time.

Step #3

Now install the roller tube/fabric into the gear end bracket. Swing the pivot end bracket out and engage the pin on the gudgeon into the pivot end bracket. Secure the bottom lag of the pivot end bracket. Install side covers (if the unit has a hood).



ARM INSTALLATION

- Step #4** Determine the correct **left (red)** and **right (green)** arm. Refer to the attached chart for the correct vertical arm position.

- Step #5** If necessary, the arms can be horizontally positioned a maximum of 2" past the outer edge of the end bracket.

- Step #6** Do NOT remove the locking pin from the arm.

- Step #7** Bolt each arm to the house using two (2) lags per arm.

- Step #8** Roll fabric off the roller tube until the front bar is in position to secure the arm end. Attach arm to the front bar with the two (2) socket head cap screws supplied. Once tension is released, remove the locking pins from the arms.

- Step #9** Check that arms are level and plumb, adjust if necessary.

- Step #10** Test operation of the awning.



VERTICAL POSITIONING OF SHASTA

All dimensions are measured from the **BOTTOM** of the end bracket to the **TOP** of the arm mounting casting.

If Projection Is:	Then "X" Is:
2'0"	19 3/4"
2'4"	23 1/2"
2'8"	27 3/4"
3'0"	31 3/4"
3'4"	35 3/4"
3'8"	39 3/4"
4'0"	43 3/4"
4'4"	47 3/4"
4'8"	51 3/4"
5'0"	55 3/4"

