PENDULUM COMPONENTS

(SEE OVERLEAF FOR ASSEMBLY DIAGRAM.)

1 x POST
1 x BOOM
1 x ELBOW
1 x CANOPY CLIP BRACKET
1 x CRANK HANDLE
1 x BASE SLEEVE
1 x RUBBER COVER
6 x WASHERS
6 x BOLT M6
2 x RUBBER BOOTS

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Step 1:
Remove all bolts at ends of boom and post. Push small end of rubber seal 16" onto end of post with crank. Connect base sleeve and vertical post with crank as illustrated and fasten bolts with washers. Then slide down rubber seal over short section of base sleeve.

Step 2:
Slot elbow onto top end of post (1). Then fasten bolts with washers on both sides.

Step 3:
As illustrated, push small end of rubber seal 16" onto boom. Slide post into elbow and fasten with bolts and washers. Slide rubber seal over elbow to watertight joint.

Step 4:
As illustrated, push canopy clip bracket onto boom and fasten with bolts and washers supplied.

Step 5:
Insert crank handle into winch and unwind cord. Then guide cord over the roller through the slot in the roller housing.

Step 6:
Two people are needed to lift and slide the fully assembled frame onto pendulum spigot.
**STEP 7**

Connect short umbrella rope to hook onto unwound rope from crank. Slightly angle the umbrella structure and hook the umbrella structure onto canopy clip bracket as illustrated and tilt it into vertical position till you hear it click into the locking position.

**STEP 8**

**STEP 9**

The crank handle can now be used to open (turn clockwise) and close (turn counter-clockwise) the umbrella structure.

The umbrella can be rotated to maximize the shade as the sun moves. Simply disengage the locking pin, lift the handle for rotation to horizontal and rotate the umbrella.

Always ensure that the locking pin locates itself into the locked and stationary position after rotation.

**WIND GUIDELINES:** The pendulum is designed to handle moderate to moderately strong winds in the fully opened position. As with all umbrellas, use common sense and lower the umbrella canopy as winds increase and keep the canopy folded and strapped when unattended.

**WOODLINE'S BASIC GUIDELINES: PENDULUM**

* Do not leave the pendulum unattended when open.
* Canopy structure must be opened to maximum tension to ensure optimum stability in all weather conditions.
* As winds increase, completely lower the canopy structure and use the tie downs to secure the arms prior to covering with the protective cover.
* When closing the pendulum, make sure that the loose folds of the canvas canopy are pulled outwards to avoid them being jammed between the long arms and struts/short arms. Once the folds have been pulled outwards, they should be folded around the arms before securing with the tie downs. If the folds are jammed inside the structure, it is possible that the movement of the closed structure (caused by wind) can result in the components rubbing against the canvas. This may cause unnecessary damage to the canvas.
* Ask for assistance when closing the pendulum during very windy conditions.
* Do not leave the canopy structure closed if not completely dry.

Please be advised that neither Shadescapes Americas, nor the manufacturer Protrade & Woodline, warrant the pendulum for wind damage, because wind ratings are very subjective and therefore vary in interpretation. Also, wind guidelines are based on sustained wind which does not account for wind gusts. Wind gusts can be twice the measured MPH.

www.woodline.co.za

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PENDULUM
CARE AND MAINTENANCE

ALUMINUM PARTS, 304 STAINLESS STEEL & HARDWARE

*UMBRELLA STRUCTURE AND HARDWARE MUST BE CLEANED BY SPRAYING WITH FRESH WATER ON OCCASION TO REMOVE DIRT AND DUST BUILD UP.

*USE A SOFT COTTON CLOTH OR CHAMOIS TO WIPE DOWN THE ANODIZED AND POWDER-COATED ALUMINUM SURFACES AS WELL AS THE STAINLESS STEEL COMPONENTS AND HARDWARE.

*AVOID USING A SCOURER OR ABRASIVE MATERIALS AS THIS COULD AFFECT THE INTEGRITY OF THE SURFACE FINISHES.

**THE WINCH AND LATCH SYSTEM MUST BE THOROUGHLY CLEANED WITH FRESH WATER EVERY SEASON AND SHOULD BE LUBRICATED WITH A SUITABLE OIL OR RUST REPELLANT TO AVOID UNNECESSARY DAMAGE.

**IF IN A MARINE/SEASIDE ENVIRONMENT, THE MAINTENANCE PROCEDURES DESCRIBED ABOVE MUST BE FOLLOWED MORE FREQUENTLY. PROBLEMS RESULTING FROM FAILURE TO MAINTAIN THE PRODUCTS ARE NOT COVERED UNDER WARRANTY.

SALIGNA EUCALYPTUS HARDWOOD

*ONCE A YEAR LIGHTLY SAND ALL EUCALYPTUS PARTS AND APPLY A NEW COAT OF VARNISH. AS WITH ALL HARDWOOD PRODUCTS, TO MAINTAIN ITS LUSTER, THE WOOD MUST BE MAINTAINED ANUALLY.

*AVOID USING A SCOURER OR ABRASIVE MATERIALS AS THIS COULD AFFECT THE INTEGRITY OF THE SURFACE FINISHES.

**IF IN A MARINE/SEASIDE ENVIRONMENT, THE MAINTENANCE PROCEDURES DESCRIBED ABOVE MUST BE FOLLOWED MORE FREQUENTLY. PROBLEMS RESULTING FROM FAILURE TO MAINTAIN THE PRODUCTS ARE NOT COVERED UNDER WARRANTY.

PENDULUM
WIND GUIDELINES & WARRANTY

THE PENDULUM IS DESIGNED TO HANDLE MODERATE TO MODERATELY STRONG WINDS IN THE FULLY OPEN POSITION.

AS WITH ALL UMBRELLAS, USE COMMON SENSE AND LOWER CANOPY AS WINDS INCREASE. NOTE THAT WIND IS NEVER A CONSTANT FORCE AND WIND GUSTS CAN BE TWICE THE AVERAGE WIND SPEED, THEREFORE IT IS RECOMMENDED TO ALWAYS COLLAPSE THE CANOPY AND STRAP IT WHEN UNATTENDED.

CANOPIES MUST BE CLOSED IN THE EVENT OF HEAVY RAIN, THUNDERSTORMS, HAIL OR ANY SEVERE WEATHER CONDITIONS. DAMAGE DUE TO WIND, ADVERSE WEATHER CONDITIONS OR IMPROPER USE IS EXPLICITLY EXCLUDED FROM THE ONE-YEAR DEFECTIVE PARTS WARRANTY COVERAGE.

BASIC GUIDELINES: PENDULUM

*DO NOT LEAVE THE PENDULUM UNATTENDED WHEN OPEN.

*CANOPY FRAME MUST BE OPENED TO MAXIMUM TENSION TO ENSURE OPTIMUM STABILITY IN ALL WEATHER CONDITIONS.

*AS WINDS INCREASE, COMPLETELY LOWER THE CANOPY FRAME AND USE THE TIE DOWNS TO SECURE THE FRAME PRIOR TO COVERING WITH THE PROTECTIVE COVER.

*ASK FOR ASSISTANCE WHEN CLOSING THE PENDULUM DURING VERY WINDY CONDITIONS.

*DO NOT LEAVE THE CANOPY FRAME CLOSED IF NOT COMPLETELY DRY.
SUNBRELLA CANOPY FABRIC

care and cleaning

One of the best ways to keep Sunbrella® fabrics looking good and to delay deep or vigorous cleaning is to properly maintain the fabrics. This can be accomplished by simply brushing off dirt before it becomes embedded in the fabrics, wiping up spills as soon as they occur or spot cleaning soon after stains occur.

General or light cleaning
• Brush off any loose dirt.
• Prepare a cleaning solution of 2 ounces (1/4 cup) mild soap per gallon of lukewarm water (less than 100° F/38°C).
• Use a sponge or a soft bristle brush to clean.
• Allow cleaning solution to soak into fabric.
• Rinse thoroughly to remove all soap residue.
• Allow fabric to air dry.

Spot cleaning
• Apply a light mist of mild soap and water using a spray bottle.
• Work the solution into the stain by lightly scrubbing the area with a sponge or very soft bristle brush.
• Rinse thoroughly to remove all soap residue.
• Blot excess moisture with a clean, soft towel or sponge.
• Wet-vacuum or blot excess water.
• Air dry. Repeat steps 3 and 4 until all soap residue is removed.

For removable Sunbrella fabric
Hand washing
• Soak fabric in a solution of 1/4 cup mild soap per gallon of lukewarm water.
• Use a sponge or a soft bristle brush as necessary.
• Rinse thoroughly to remove all soap residue.
• Air dry.

Machine washing
Machine wash in cold water (less than 100° F/38°C). Depending on wash load size, use normal amounts of mild laundry soap and add 8 ounces (1 cup) of bleach. Allow fabric to air dry.

Heavy cleaning for stubborn stains and mildew
Sunbrella fabric does not promote mildew growth, however, mildew may grow on dirt and other foreign substances that are not removed from the fabric. To clean mildew, or other stubborn stains:
• Prepare a solution of 8 ounces (1 cup) of bleach and 2 ounces (1/4 cup) of mild soap per gallon of clean water.
• Spray on entire area and allow to soak into the fabric for 15 minutes.
• Remove stain with a sponge, clean towel or very soft bristle brush.
• Rinse thoroughly to remove all soap residue.
• Allow fabric to air dry.
• If stain and/or mildew are severe, bleach quantities may be increased.

See our stain chart (on reverse side) for removal of specific stains.

Re-treating the fabric for ease of cleaning
Sunbrella fabrics have a special finish that enhances water repellency. The finish is designed to last for several years of normal use, but may be refreshed after a thorough cleaning or extended use.

Glen Raven recommends 303 High Tech Fabric Guard™ as the preferred re-treatment product for Sunbrella fabrics.

Applying 303 High Tech Fabric Guard™
303 should be applied to Sunbrella fabrics after each thorough cleaning, which typically removes the original finish and reduces the fabric’s water repellency.
• Clean Sunbrella fabric, using one of the cleaning methods.
• Allow Sunbrella to completely air dry.
• Apply 303 Fabric Guard in a well-ventilated area following instructions on the container.
• Apply 303 in a thin, even coat and allow fabric to dry completely.
• Apply a second thin, even coating of 303. Two light coatings are more effective in restoring fabric water resistance than a single heavy coating.
• A 15-ounce bottle provides coverage of up to 50 square feet of fabric.

For more information, visit www.303products.com

Professional cleaners
In evaluating the services of a professional firm, you should inquire about the firm’s experience in working with Sunbrella fabrics and knowledge of cleaning and re-treatment requirements.

DO NOT dry clean Sunbrella fabrics.

Helpful hints
Protect the area around your Sunbrella fabric when using a bleach solution – bleach may discolor non-Sunbrella fabrics. Always rinse Sunbrella thoroughly to completely remove bleach.

Sunbrella fabric air-dries very quickly. Machine drying is not necessary.

If fabric has some wrinkling, use an iron, if necessary, but only on the synthetic* setting. As some irons exceed the recommended 100° F/38°C temperature on the synthetic setting, test a small inconspicuous area before ironing entire piece.

DO NOT use a steamer or iron set to steam setting.

*Synthetic fabric heat settings normally do not exceed 150°F/66°C.

FABRIC WARRANTY
• This warranty protects the original purchaser of Sunbrella fabric.
• This warranty protects against Sunbrella fabric becoming unserviceable due to color or strength loss from normal usage and exposure conditions, including sunlight, mildew, and atmospheric chemicals.
• This warranty covers Sunbrella fabric only.
• This warranty does not cover normal care and cleaning; damage from misuse, or abuse, improper installation, or costs associated with replacement of the fabric, including labor and installation.
• Glen Raven’s liability is expressly limited to this warranty. Glen Raven reserves the right to inspect the fabric submitted for the claim.
• Glen Raven will supply new equivalent fabric to replace the fabric that becomes unserviceable.
• Sunbrella is normally a component of an end product such as an awning, umbrella, or cushion. Consumers and end-users should contact the fabricator, dealer, or retailer from whom you purchased the end product.
• The warranty coverage period is five years from the original purchase date.