

owner's manual



LIBRA *series*

shademaker
architectural shade

WARRANTY:

Upon receipt of your Libra, please check to ensure you have received all of the parts.

NOTE: Wind damage is not covered under any manufacturer's warranty.

5 Year Limited Warranty includes the LIBRA, ASTRAL-TC, SIRIUS, POLARIS, ORION and GALAXY styles. This includes the mast, boom, head fitting, elbow, center pole/sidepost, arms, ribs, upper and lower hub, and stainless steel hardware only. If there is damage under the warranty, Shademaker will replace and/or repair any item listed in this category at its discretion. Labor charges are not covered under this limited warranty.

5 Year Limited Warranty applies to Glen Raven Firesist®, Sunbrella® furniture grade, and O'bravia® awning grade fabrics. Labor charges are not covered under this limited warranty.

10 Year Limited Warranty includes the Sunbrella awning & marine grade Fabric Collection. Visit www.sunbrella.com/warranty for more details. Labor charges are not covered under this limited warranty.

1 Year Limited Warranty covers base wheels and the powder coat finish on all bases. If the powder coat finish flakes, bubbles, peels or loses color; Shademaker will re-finish or replace the defective bases at its discretion. Normal wear and tear is not covered under this limited warranty. Labor charges are not covered under this limited warranty.

1 Year Limited Warranty covers accessories and protective covers.

Caution: Seaside and indoor pool use, salt & chlorides can accumulate on the powder coat finish, leading to finish failure. Failure or neglect to make needed cleanings may cause paint to blister, and such failure will void limited warranty.

Exclusions: Wind damage, acts of nature (such as, but not limited to, freezing or any type of extreme weather). Failures caused by abusive use and normal wear and tear are not covered under this warranty. Any Galaxy style that does not have spacer buttons installed.

Sufficient base weight must be used to secure umbrellas at all times. Please see individual product pages of catalog for recommended minimum weight requirements for free-standing applications. Using a Shademaker mount kit is always the preferred method of securing your umbrella above all other methods. We recommend a licensed contractor to secure your Shademaker umbrellas.

IMPORTANT RESTRICTION FOR SM PRODUCTS WARRANTY SERVICE:

Shademaker restricts warranty service for SM products to the country where Shademaker or its authorized SM retail Dealers originally sold the product.

Those filing warranty claims will be responsible for all shipping, handling and freight charges on all claims to Shademaker in Baldwin Park, CA. All warranty claims must be submitted with the original proof of purchase, date of purchase, name of dealer and the description of the damage. An authorized Shademaker RA# must be listed on all products being returned. The Shademaker warranty is not transferable. Shademaker reserves the right to repair, replace and/or redesign any product that is returned under a warranty claim.

For current warranty information, please visit www.shademakerusa.com.

IMPORTANT:

Please read this entire manual before installing or operating your Libra umbrella.

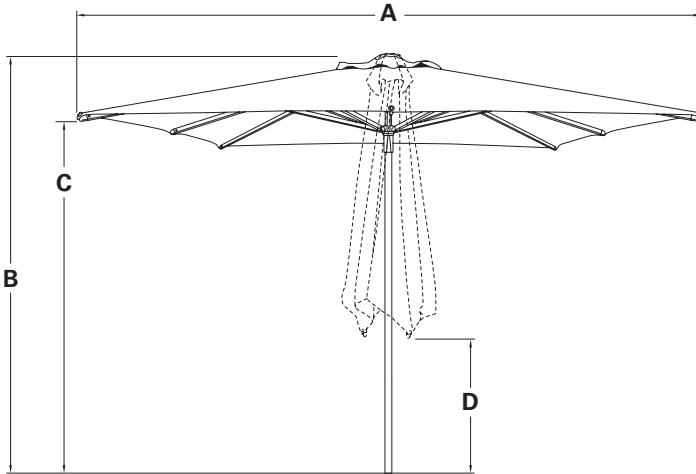
LIBRA WIND RESISTANCE GUIDELINES:

Light Winds Only

When installed properly, the Libra is engineered to handle light wind conditions in the open canopy position. Please adhere to these common sense wind guidelines:

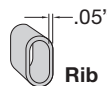
1. As winds get stronger, or in anticipation of uncertain/severe weather conditions, the canopy should be lowered to the folded and strapped position.
2. The Libra should always be left in the folded and strapped position when unattended or not in use.
3. In anticipation of, and during extremely severe weather conditions, it is advisable to remove and store the Libra to protect it from storm-related debris.

SPECIFICATIONS

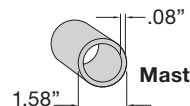


Item No.	A Canopy Width	B Overall Height	C Rib End Height Open	D Rib End Height Closed
LIBRA-20S	6'6"	7'8"	6'5"	3'1"
LIBRA-25	7'6"	7'8"	6'8"	3'7"
LIBRA-25S	8'2"	8'	6'5"	2'2"

Weight: Approximately 35-41 lbs.
Mast Shape & Diameter: 1.58" Round
Wall Thickness of Mast: 0.08"
Rib Thickness: 0.05"



Rib



Mast

DIAGRAM & PARTS LIST



- | | |
|--|-----------------------|
| 1. External Mast Stem <i>(for mount kit or steel base weight option)</i> | 6. Strut |
| 2. Clamp with Handle | 7. Long / Short Rib |
| 3. Pole | 8. Canopy End Fitting |
| 4. Lower Hub | 9. Canopy |
| 5. Upper Hub | |

INSTALLATION OPTIONS AND GUIDELINES

There are four standard installation options which provide the best stability for the Libra. Depending on your situation, you will have requested one or more of the Libra base options at the time of your order.

- 1. CONCRETE MOUNT KIT** - This kit includes (1) base plate, (4) stem bolts, (4) countersunk bolt anchors, (4) expansion concrete anchors and (1) hexagon wrench.
- 2. IN-GROUND MOUNT KIT** - This kit includes (1) in-ground fitting.
- 3. STEEL BASE WEIGHT** - Square and round solid steel base weights are available to match square and octagon canopy shapes.
- 4. FREE STANDING BASE** - You may opt to use a free standing base for your Libra umbrella. Any free standing base with a stem for a 1.57" diameter pole will work. We recommend a minimum of a 100 lbs. base weight for this umbrella.

NOTE: REFER TO BASE WEIGHT MATRIX AND SEPARATE MANUAL FOR BASE ASSEMBLY PRIOR TO PROCEEDING.

ASSEMBLY INSTRUCTIONS

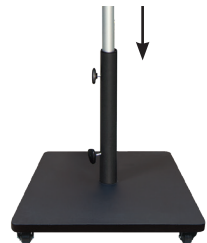
Two-person team is recommended for assembly.

After you installed your mount kit, steel base weight, or have set up your free standing base, you are ready to install your umbrella.

If using a mount kit or steel base weight, install external mast stem to mount kit or steel base weight. Bolt external mast stem to mount kit or steel base weight with 4 supplied bolts and tighten with hex wrench to secure in place. Lift complete umbrella and slide into external mast stem. Rotate canopy to desired position and secure in place by tightening clamp with handle.



If using a free standing base, lift complete umbrella and insert through base stem. Tighten stem knobs to secure umbrella in place.



You are now ready to operate your umbrella!

OPERATING INSTRUCTIONS

To open canopy:

1. Undo strap and position yourself under the canopy arms.
2. Push lower hub up center pole until lower hub locks into place.

CAUTION: Arms will need to be freed manually to facilitate opening the first time.
NEVER force arms!

To close canopy:

1. Stand next to center pole and gently pull down on lower hub to disengage.
Continue to guide lower hub down center pole until the arms are completely folded down.



Open position



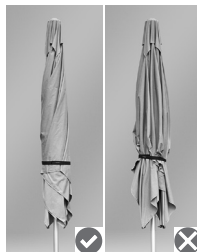
Closed position

TO PROPERLY FOLD CANOPY

The 100% solution dyed canopy will last longer if you fold it as it was packed and shipped. This technique is similar to the way a parachute is folded and is especially important when folding the canopy for seasonal storage or when left in the closed position for an extended period of time.

Using this technique at all times will significantly extend the life of the canopy.

1. When the canopy has been fully lowered, stand in front of the canopy structure and begin the folding process by pulling out two panels opposite the mast.
Pull the two panels together and roll tight into the canopy.
2. Once rolled tight, pull adjacent panels out one at a time and fold to the center, alternating sides until all the panels have been pulled out from the arms and folded into the center.
3. Wrap provided strap around canopy to secure.



PROTECTIVE COVER

1. Screw rods together and insert into slit of the cover.
2. Unzip cover.
3. Using the rod as a guide, slide cover over your umbrella.
4. Pull on string to zip down your cover and tie.

MAINTAINING FRAME & FITTINGS

1. Hose frame with water periodically, more often if installation is in a salty or industrial environment.
2. Inspect the installation fitting, mount bolts, rib spacers, etc. on a regular basis and tighten if necessary.

MAINTAINING CANOPY FABRIC

1. Clean up spills and stains right away. Spills can be removed by using a clean absorbent cloth.
2. For general maintenance, use a soft brush to remove dust and dry soil. Wash down with clean, warm water (i.e., garden hose) every so often to avoid dirt becoming ingrained. Allow the fabric to air dry before closing the canopy.
3. If a thorough cleaning is necessary, sponge over the fabric using a mild soap solution (2% solution). Rinse well with plenty of water to remove all soap residue.
4. Never use detergents, cleaning fluids or solvents. Grease and oil stains may be removed by using turpentine or similar with an absorbent cloth.
5. Please visit the fabric websites for more details: www.shademakerusa.com or www.sunbrella.com
6. Use protective canopy cover during storage or when not in use.

REMOVAL & REPLACEMENT OF CANOPY

Follow these instructions should you choose to replace your canopy with a new canopy.

1. Lower the canopy to the closed position.
2. Remove the button/screw at the end of each rib.
3. Remove canopy from structure.
4. To replace the canopy, reverse the above process.

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