



AWNING CARE & MAINTENANCE

WHAT TO AVOID:

- Never leave your awning unattended while it is extended.
- Do not extend your awning in the presence of strong winds.
- Do not barbecue under your awning while it is extended.
- Do not allow birds or other animals to nest on your awning.
- Do not permit leaves, twigs, etc., to roll up in your awning.
- Do not rely on optional wind sensors or sun/wind controls to protect your awning against wind damage (which is not covered under the warranty).
- Do not allow rain to accumulate and bag the fabric on an extended awning. This may cause product damage or failure and is not covered under the warranty.
- **NEVER POWER-WASH THE FABRIC.**

FABRIC:

Rainier Industries retractable awning system utilizes Glen Raven Sunbrella® fabrics, which are made from 100% acrylic fiber. These fabrics, manufactured in the United States, and set the industry standards for strength and durability. Sunbrella® fabrics have a 10 year warranty against excessive loss of color or strength from normal exposure, including sunlight, mildew, rot, and atmospheric chemicals.

CARE & CLEANING:

One of the best ways to keep Sunbrella® awning fabrics looking good and to delay the need for deep or vigorous cleaning is to hose fabrics off on a monthly basis with clear, cool water. This practice will help prevent dirt from becoming deeply embedded in the fabric and eliminate the need for more frequent and vigorous cleaning. In most environments, a thorough cleaning will be needed every two to three years.

For detailed cleaning instructions, visit www.sunbrella.com.

GENERAL CLEANING OF GLEN RAVEN SUNBRELLA® FABRICS:

- Brush off loose dirt.
- Hose down.
- Prepare a cleaning solution of cool water and mild soap such as Ivory Snow, Deft or Woolite (no detergents)
- Use a soft bristle brush to clean
- Allow cleaning solution to soak into the fabric.
- Rinse thoroughly until all soap residue is removed.
- Air dry.



MAINTENANCE – (cont'd)

(Cleaning of Glenn Raven Sunbella®/Dickson® fabrics continued)

STUBBORN STAINS AND MILDEW:

- Eight ounces (1 cup) of chlorine bleach.
- Two ounces (1/4 cup) of mild soap and/or detergent.
- One gallon of cool water.
- Clean with soft bristle brush.
- Allow mixture to soak into fabric for up to 15 minutes.
- **Rinse thoroughly** until all soap residue is removed.
- Air dry.

STAIN	RECOMMENDED CLEANING SOLUTIONS
Bird droppings	Dawn® dishwashing liquid (2 oz) / 1 gallon of cool water or try Goo Gone Grease Cutter (a hand cleaner), Greased Lightning, or Clean Rite Purple Power (avail @ Wal-Mart, K-Mart, etc.)
Iron Rust	Carbona™ Stain Devil #9
Mildew	Bleach (1 cup) / Dawn® dishwashing liquid (2oz) / 1 gallon water
Oil	Volatile solvent* (acetone) 100%
Paint (oil or lacquer)	Paint remover (100%), oil or grease remover (mix as directed)
Tree sap	Turpentine* (100%), Dawn® dishwashing liquid (2 oz) / 1 gallon water

*These are not recommended on SGS graphics jobs where pressure sensitive films are used. For specific recommendations regarding SGS graphics cleaning, visit www.sunbrella.com.

FRAME:

The frame is made of non-corrosive materials. It's recommended that you occasionally hose off the framework and wipe down with a soft cloth. Spray silicone on the moving parts after the unit is dry. Avoid spraying the silicone on the fabric since this may cause discoloration. The framework may also be waxed using a non-abrasive polish if desired.

MOTORS:

Motors are self-contained and require little to no maintenance. Inspect visible cords for possible wear or damage. If your motor goes out of adjustment or fails to function properly, contact the local dealer from whom you purchased.



OPERATING YOUR RAINIER RETRACTABLE AWNING

Manual Unit:

- Hook the hand crank into the gear eye located on the bottom end of the gear at the end of the unit.
- Turn the handle to extend the unit, but do not roll it out to the point where the elbows lock out and the fabric begins to sag. If this occurs, turn the crank in the opposite direction until you see $\frac{1}{4}$ " gaps at the elbows – this is considered fully extended. The arms will still have some bend to them which allows the unit to react in changing weather conditions. Not having the gap in the elbow, and having the elbow locked, could result in damage to the arm in windy conditions.
- To retract the unit, simply turn the crank until fully retracted. The fabric **SHOULD ALWAYS** roll off the top of the roller tube and **NEVER** from the underside.

Motorized Unit - Standard Motor Using A Wall Switch:

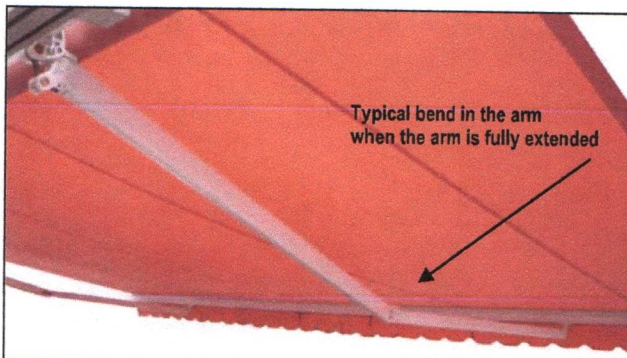
- Simply flip the wall switch and the awning will extend to the preset projection, stopping automatically. You can stop the unit at any desired position by flipping the switch back to its neutral (middle) position while it's extending or retracting.
- To retract, flip the wall switch and the awning will retract and stop automatically. If the unit does not fully retract or fully extend, the motor limit switches may have to be readjusted. Please contact the company that sold and installed your Rainier Retractable Awning.

Motorized Unit – RTS Motor Using A Remote Control:

- 3 button hand remote control: **Bottom button** sends the awning out, with a single push of the button, to its preset outward limit. **Middle button** (listed as my on remote) is the stop button regardless of which direction awning is moving. Top button retracts the awning, with a single push of the button, automatically to its preset inward limit.
- If the unit does not fully retract or fully extend, the motor limit switches may have to be readjusted. Please contact the company that sold and installed your Rainier Retractable Awning.
- Consult with your dealer on proper operation of other styles of remote control units.

Motorized Units With Built-in Override Option:

- Operates the same as a regular motorized unit. To operate the override (hand crank) option. A wall switch must be in the middle position (neutral) and with a remote control the stop button (middle button called my) must be pushed; otherwise you will just hear a clicking noise when you turn the crank handle.



When the awning is fully extended, the arms will always have a slight bend to them. This is a design feature which adds strength to the arm at the elbow.

Just like your own elbow, it is easier to support something with the elbow slightly bent.