












## IslandMist

### DIY PUSH-IN 40' X 1/4" MISTING KIT INSTALLATION MANUAL

**Congratulations.**

**You have purchased an IslandMist & Umbrella Misting kit Combo package.**

#### Parts included for Assembly & Installation:

<u>On Umbrella</u>	<u>Part Number</u>
 Lead Line: 40ft	NUP4136
 Misting Line: 3.3ft * 8 (NOTE: misting lines are packaged separately inside umbrella with bottom pole)	NUP4148
 Brass Nozzle * 8	NUP4138
 Tee-Fitting * 7	NUP4139
 End Fitting * 1	NUP4140
 Elbow Fitting * 1	NUP4141
 Swivel Nut * 1	NUP4142
 Umbrella Clip * 32	NUP4143
 Cable Tie * 6	NUP4144

***For replacement or missing parts please call 800-759-0977.***

#### PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE STARTING ASSEMBLY AND INSTALLATION

- Maximum 50 psi working pressure.
- Do not position the umbrella with IslandMist misting kit near or over any electronic appliances.
- Keep small parts away from children and pets.
- Review the parts list to insure all required parts are included in this kit. If you are missing parts or have damaged parts, DO NOT RETURN the kit to your retailer. Contact Blue Wave Customer Service for replacement.

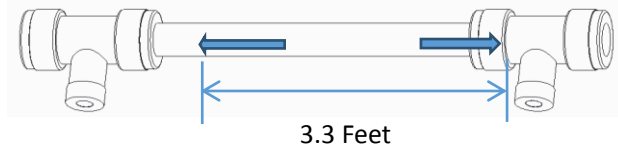
**NOTE:** Take the time necessary to work out how you will run the Misting Tube and where you should position the misting Nozzles. Also, note where your water source is and where the lead line supply tubing will run.

# IslandMist DIY Assembly & Installation Instructions:

## Step 1: Assembling the Misting Kit:

This IslandMist misting kit is specifically designed to attach to the umbrella it was received with.

- Set aside the 15 ft. coil of ¼" Misting Tube. Do not cut this tube. It will become the lead line for the kit.
- Identify the 8 sections of pre-cut 3.3' Misting Tube.
- Proceed with connecting the Tees to the Misting Tube sections as shown below. Leave one end of the first section of tube open for the Elbow Fitting and one end of the last section open for the End Fitting.
- Connect tube to Tee-fitting level and straight.



- Push the tube in while twisting the fitting a little. The tube should enter the fitting at least 0.4" (10mm).



- Once you have connected all of the cut pieces of Misting Tube to the Tees, connect the Elbow Fitting and End Fitting to the ends of the tube as shown in the previous step.
- Connect the 15' coil of Misting Tube to the Elbow Fitting. Connect the Swivel Nut to the open end of the tube. This is now your lead line supply tube that will be connected to your garden hose or water faucet.
- Do not install the Nozzles until you have completed "Flushing the System" as explained in Step 2.

## Step 2: Flushing the system:

- Connect the Swivel Nut to your garden hose or water faucet. **DO NOT PUT THE NOZZLES ON YET!**
- Turn on the water for approximately 20 seconds to flush any debris from the tubing.  
***PLEASE NOTE:** Water will only come out from the 1st Fitting with the most force. The pressure will decrease and will shoot out up to the 3rd or 4th fitting only. This is normal.*
- Turn off the water and screw on the first 3 nozzles closest to the Supply Line. Turn the water on again for 20 seconds.
- Repeat the previous step until the entire system has been flushed and all the nozzles have been installed.

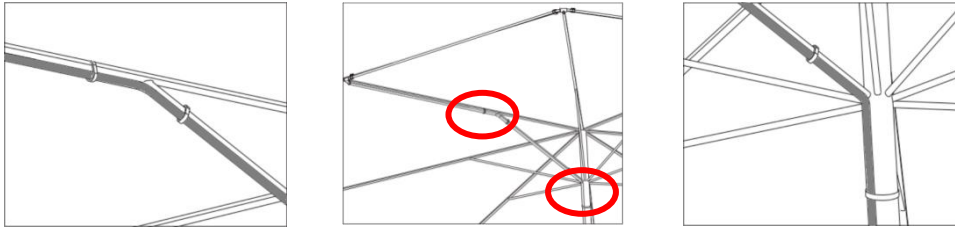
## Step 3: Installing the assembled system on your umbrella after you have flushed the Misting Tubes (2 Options)

### Option A (using umbrella elastic loops - preferred)

You will be using the small loops sewn around the perimeter of umbrella to feed the misting lines through.



- Attach the Swivel Nut to one end of the Lead Line (this is where hose will attach). Then run the Lead Line along the umbrella pole up to one of the umbrella ribs and use the Cable Tie to clamp the tubing onto umbrella pole and rib (same for option A or B). **NOTE:** If you are inserting your umbrella in a patio table that has a hole only big enough for umbrella pole, do NOT run the line down the pole through the hole. This can damage the Lead Line or restrict water flow. Attach the Elbow Fitting to line at the end of the rib.



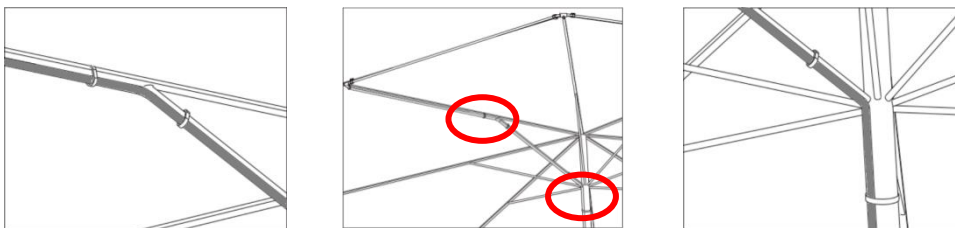
- Starting at the rib end where you have positioned the Elbow Fitting, insert a Misting Line into Elbow Fitting, feed the line through a center loop and attach a Tee-Fitting to other end. At each rib end there will be a Tee-Fitting with elastic loop on either side of it. Continue in this order until you have inserted the misting line completely around the perimeter of the umbrella, through all the loops, until you're back at the Elbow Fitting. Cap the end of the misting line with End Fitting. **NOTE:** Stretch the tubes tight during installation to prevent sagging. If the tubes do sag in places, you may want to add some Umbrella Clips.



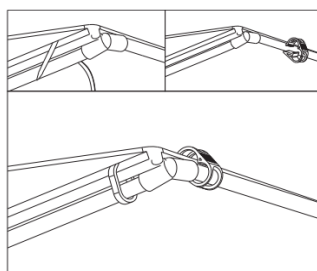
- Adjust Nozzles at 45 degree angle to the ground and away from the covered portion of the umbrella.

### Option B (using umbrella clips)

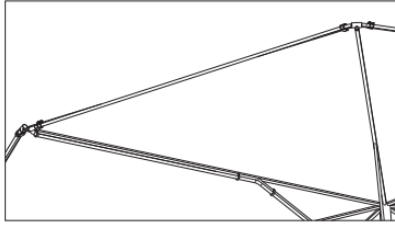
- Attach the Swivel Nut to one end of the Lead Line (this is where hose will attach). Then run the Lead Line along the umbrella pole up to one of the umbrella ribs and use the Cable Tie to clamp the tubing onto umbrella pole and rib (same for option A or B). **NOTE:** If you are inserting your umbrella in a patio table that has a hole only big enough for umbrella pole, do NOT run the line down the pole through the hole. This can damage the Lead Line or restrict water flow. Attach the Elbow Fitting to line at the end of the rib.



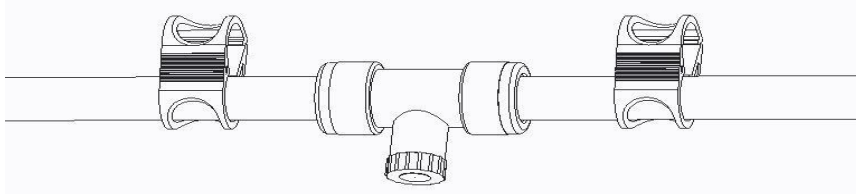
- Secure the Elbow fitting on the umbrella rib end with the Hanger Clips provided. Clip the Misting Line about 1-2 inches on the left and the right side of Tee with Nozzle fitting as shown.



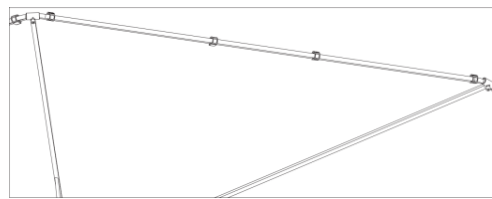
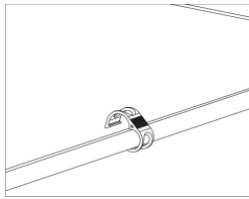
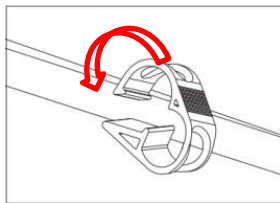
- Continue wrapping the assembled Misting Tube around the complete circumference of umbrella. Position a Tee with Nozzle at the end of each umbrella rib.



- Place one of the Umbrella Clips provided over the Misting Tube about 1-2 inches on the left and the right side of each Tee with Nozzle and adjust Nozzles at 45 degree angle to the ground and away from the covered portion of the umbrella.



- Use one or two Umbrella Clips to fasten the Misting Tube onto umbrella fabric between the Nozzles on the rib ends to secure the Misting Tube in place.



- Repeat the previous steps until each Tee and Nozzle on the Misting Tube has an Umbrella Clip on either side (with the exception of the last Nozzle fitting)

**NOTE:** Be sure to stretch the Misting Tube tight during installation to prevent sagging.

#### Step 4: Nozzle Alignment

- If needed, CAREFULLY align the Nozzles so that they are all facing the same direction. We suggest that they are mounted at a 45° degree angle, but you may decide on a different angle as your personal preference.
- Turn on the water and enjoy the refreshingly cool mist provided by your IslandMist Cooling System & Umbrella Kit

**Note:** When you first turn the system on, it is completely normal for water to leak around the fittings. The fittings will re-seal themselves within the first 2-3 minutes of use.

#### RECOMMENDED MAINTENANCE:

Please review these hints to keep your IslandMist misting system operational and prevent clogging the Nozzles:

##### 1. Draining Water from your system:

When your system is not in use, drain all water from the system.

##### 2. Cleaning the Nozzles:

Periodically clean all nozzles by soaking them in a solution of CLR, or similar calcium and iron remover.

##### 3. Periodically remove all nozzles and flush the system by running water through it for 4 or 5 minutes.