



# Installation & Owner's Manual

## FULLY READ THIS OWNER'S MANUAL BEFORE INSTALLING TWISTER.

The specific instructions regarding your particular pool cleaner and connection method may differ from the general installation instructions shown below. See inside for more details or visit [www.solarsunrings.com/twister](http://www.solarsunrings.com/twister).

- 1) Switch off your pool pump and check that your baskets and filter are clean, and that your pool cleaner hoses are not leaking from splits, cracks or abrasion.
- 2) If you have an In-Line Leaf Canister fitted to your pool hose, read the appropriate section inside before cutting hose and installing Twister.
- 3) If there is no In-Line Leaf Canister, then follow the instructions below.  
*If pool cleaner hose connects to skimmer box:*  
Cut your pool hose 2 feet (60 cm) from the skimmer box.  
*If pool cleaner hose connects to dedicated suction line:*  
Cut your pool hose 6 inches (15 cm) from the pool wall.
- 4) Submerge Twister and bleed all air until full of water. Fit Twister between these two cut sections of hose. Twister must be installed with the correct side facing upwards and the correct end facing the pool cleaner. Refer to the arrows and markings on the Twister to ensure correct orientation and refer to Diagram 1. Additional installation photos appear in this Instruction Manual and on the outside of the box.
- 5) If your pool hose exits the skimmer box too high, then Twister will sit too high in the water and may suck air. If adjustments are required to the skimmer box connections to keep your hose and Twister at the correct height, then contact your local pool professional or Twister dealer. Hose weights may be required to achieve this.
- 6) Fit the Angled Adaptor between your pool cleaner and your hose, as per Diagram 2. Place the pool cleaner back in the pool, fill the hose with water so that all air is removed.
- 7) With the Twister, hoses, Angled Adaptor and cleaner fitted and free of air, switch on your pool pump. Twister's internal paddle wheel will spin, now watch your pool cleaner reach places it never reached before. Your installation is now complete.

### Important Information:

- 1) Twister is only suitable for suction style pool cleaners.
- 2) Twister will not fix a pool cleaner's performance if the pool cleaner has defective or worn components, or if the hoses are kinked, cracked or otherwise need replacing. Also ensure that the pool cleaner and/or flow control device have been installed correctly. Please refer to the owners manual that was supplied with your pool cleaner or visit the manufacturer's web site for installation tips and troubleshooting for your particular model of pool cleaner.
- 3) Twister is not a fully sealed unit and will suck air if it floats above the pool water level. In addition to following the pool cleaner manufacturer's recommendations, it may be necessary to add an additional hose weight in front of Twister to keep it submerged.



- 1** Simply cut existing hose 2ft (60cm) away from the skimmer box.



- 2** Fit the Twister, correctly oriented, between the two cut sections of hose.



- 3** Fit the supplied Angled Adaptor between your cleaner and your hose.

## If you have:

### A Hayward Navigator or Pool Vac Ultra

Install Twister as per instructions. However, do not install the blue-colored Angled Adaptor that is supplied with Twister. It is not necessary for these self-steering types of pool cleaners.

### A Baracuda X7 Quattro

Install Twister as per instructions. Fit Twister's blue-colored Angled Adaptor firmly over the two lugs on the Flex-Connector (P/N X77039). Cut the Twist-Lock end from the hose and insert small end of Angled Adaptor into the hose. If cleaner still sticks in sharp corners of pool, remove the Flex-Connector and fit Twister's Angled Adaptor directly to the Outer Extension Pipe (P/N X77027).

### An In-Line Leaf Canister

Twister should be located between the leaf canister and the pool cleaner, 6 inches (15cm) away from the canister. If your Leaf Canister continually fills with air then this will cause the hose and Twister to rise up and suck air. Solve the air problem with your cleaner or hose to stop this occurring.

### Any cleaner that climbs too high and sucks air

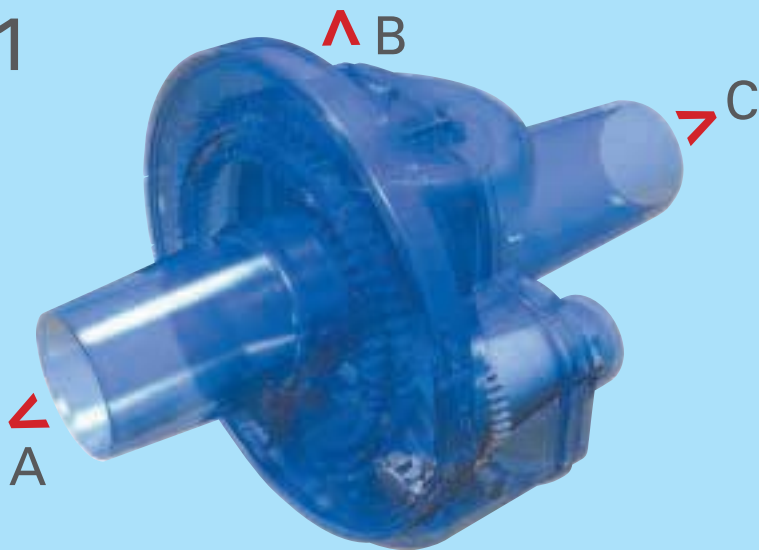
A suction pool cleaner that regularly climbs to the pool surface and sucks air can result in damage to your pool pump, and will also adversely effect the operation of Twister. Follow manufacturer's recommendations to stop this happening. This usually involves the addition of extra hose weights. For Kreepy Krauly, use the Wall Climb Adjuster (P/N K12065).

### Illustrations appearing on Page 3

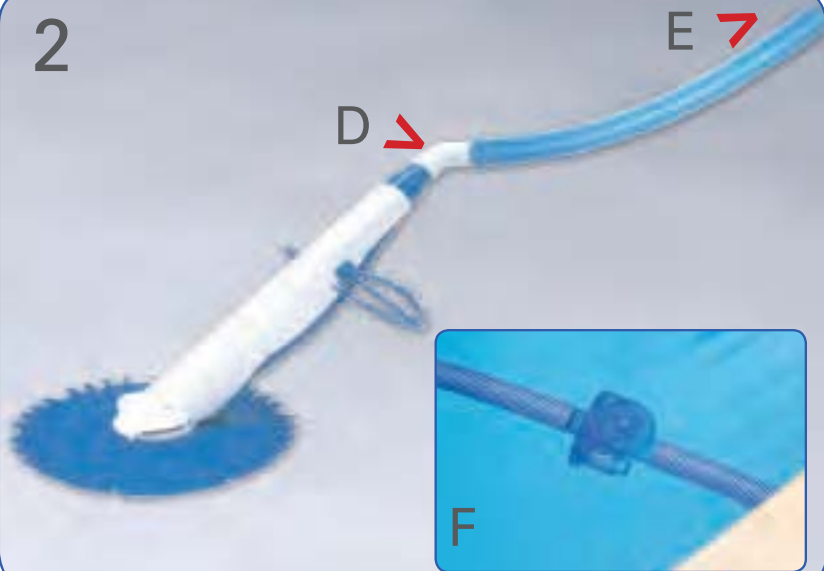
DIAGRAM 1	DIAGRAM 2
A = To Pool Cleaner	D = Angled Adaptor
B = This side UP	E = To Twister
C = To Skimmer Box or Suction Line	F = Twister installed and operating

Refer to [www.solarsunrings.com/twister](http://www.solarsunrings.com/twister) for additional illustrations.

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## How does Twister work?

Twister is powered by the constant flow of water through the pool cleaner hose. A paddle wheel spins inside the Twister and transfers drive to the pool hose, counter-rotating the hose about 3 times per hour.

This counter-rotation swivels the Angled Adaptor on the pool cleaner, thus continually changing the direction of the hose. Most suction cleaners move around the pool by following the hose, therefore with Twister changing the direction of the hose, the pool cleaner will be steered out of awkward corners to ensure a constantly varied cleaning pattern.

## Troubleshooting

- 1) If Twister's paddle wheel stops spinning, please check the basics: Clean the filter, empty all leaf baskets, check the pool cleaner for obstructions and adjust the pool cleaner's flow controller.
- 2) Like your suction cleaner, on occasions, some debris may get stuck in the Twister. This can be easily dislodged by removing the hose from the inlet end and washing it through with your garden hose.
- 3) If your pool cleaner has an inbuilt swivel on top of the cleaner (like Kreepy Krauly or Baracuda), then ensure it rotates freely. If the swivel is jammed, replace it. Cleaners such as Hayward Navigator and Pool Vac Ultra do not have a swivel on top, therefore their hose connection point does not swivel freely, this is normal.
- 4) If your Twister is installed correctly and your pool cleaner still remains stuck in a tight corner, then add a hose weight half way between Twister and your pool cleaner.



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