



# Aqua Pilot Suction Pool Cleaner

PL1810



## Installation and User Guide

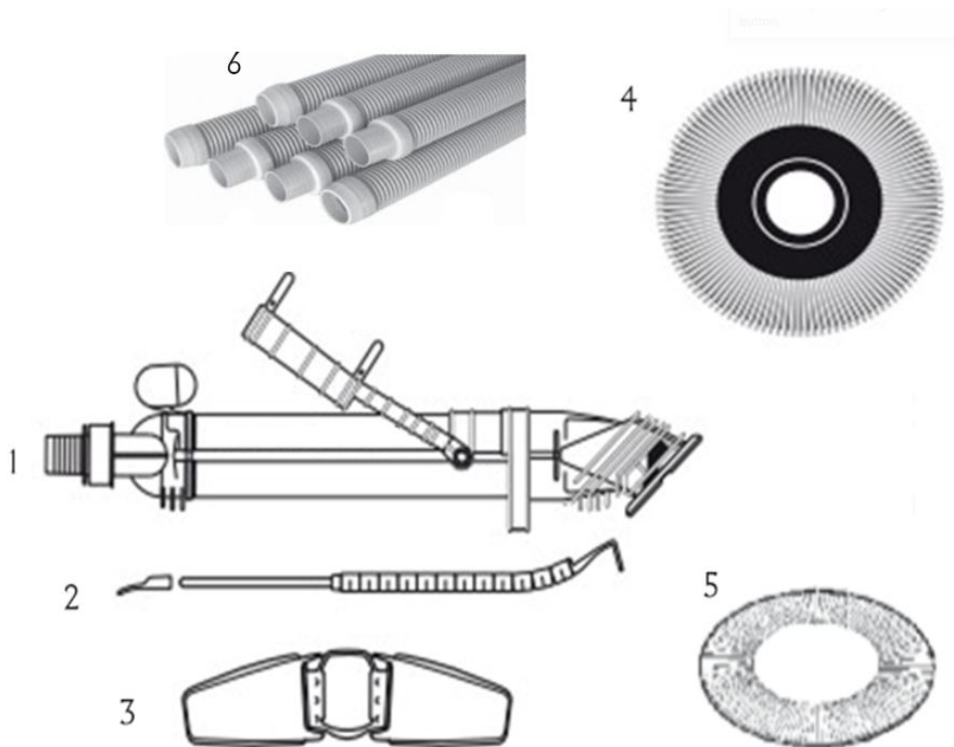
# Welcome

Congratulations on purchasing the PureLine Aqua Pilot Suction Cleaner. Your new Aqua Pilot is guaranteed to provide you with years of efficient cleaning so that you spend more time enjoying your pool than cleaning it.

Before the fun starts, make sure you follow the user instructions and guidelines in order to ensure a smooth operating suction pool cleaner. This manual provides step-by-step instructions needed to install and adjust the Aqua Pilot Suction Cleaner. Before installing, ensure that all necessary parts are included.

## Contents Checklist

1. Aqua Pilot
2. Roller  
Bumper Strap
3. Wings
4. Pleated Seal
5. Foot Pad
6. Hoses-  
(10) 3 feet  
sections



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# SAVE THIS INSTRUCTIONAL MANUAL

**ATTENTION INSTALLER:** This manual contains essential information about the installation, operation, and safe use of this suction pool cleaner. Please remember to furnish this manual and all other instructional documents to the end user of this product.

The Pureline Aqua Pilot Suction Cleaner is specifically engineered for today's inground swimming pools and spas. The Aqua Pilot is a suction cleaner designed to manually vacuum the pool without the need for an additional pump.

Failure to read and follow instructions can result in serious injury.

## General Warnings

- Do not play with the cleaner or the hoses
- Do not apply to any part of the body as it can trap hair or other body parts
- Hoses can entangle swimmers



**WARNING-** To reduce the injuries, do not permit children to use or play with the cleaner.



**WARNING-** Do not allow swimmers in the pool while the suction cleaner is operating. Hoses can trip or entangle swimmers, which can lead to drowning.



**WARNING-** Stop pump before attempting to clean the cleaner head. Moving parts may injure hands or fingers.

# Pre-Installation Checklist

Before installing your pool cleaner, review the following information. It is designed to extend the suction cleaner's longevity. Failure to follow these instructions can result in damage to the pool's finish and/or liner.

Pureline disclaims any liability for repairs or replacement to any of these structures of the customer's pool.

## **Vinyl Liner Pool**

Before installing the cleaner, check your pool liner for signs of deterioration or damage. If damage is found, contact a qualified pool professional to make the necessary repairs before operating the cleaner.

## **Gunite/Tile Pool**

Before installing the cleaner, repair loose tiles and tighten loose light rings.

## **Clean your filter**

A clean system is necessary for proper cleaner operation.

## **Fill hoses with water**

Fully submerge the cleaner head and hoses in water before connecting the hose to the filtration system (eg. skimmer or wall fitting). Air in the system can damage the pump through dry running and overheating.

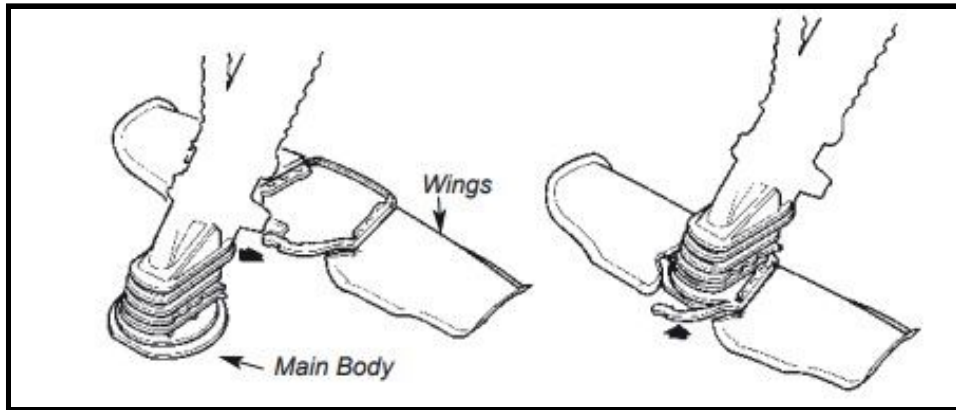
## **Understand your cleaning schedule**

The Aqua Pilot Suction Cleaner is designed to clean your pool within 4 to 6 hours. Depending on the size of your pool, less time might be needed. The Aqua Pilot is NOT designed to:

- Clean steps
- Clean swimouts
- Work under solar or winter covers
- Initial cleanup for new pools or opening the pool for the season

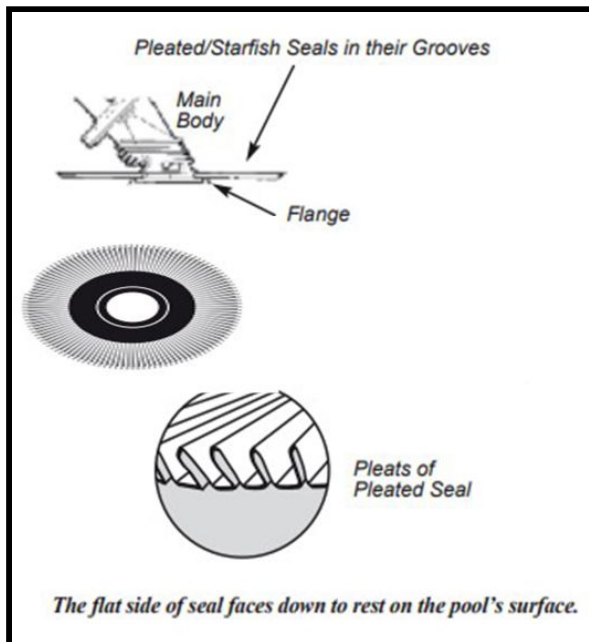
# Assembling Your Cleaner

## Step 1- Attach the Wings



The Aqua Pilot's wings fit around the cleaner's main body. Place the wing's bands around the main body as pictured below with the **snaps in the front of the body**.

Slip the edge of the wings into the groove. The 3 notches on the wings fit snugly into the 3 notches on the body. Snap the bands together to lock wings in place.



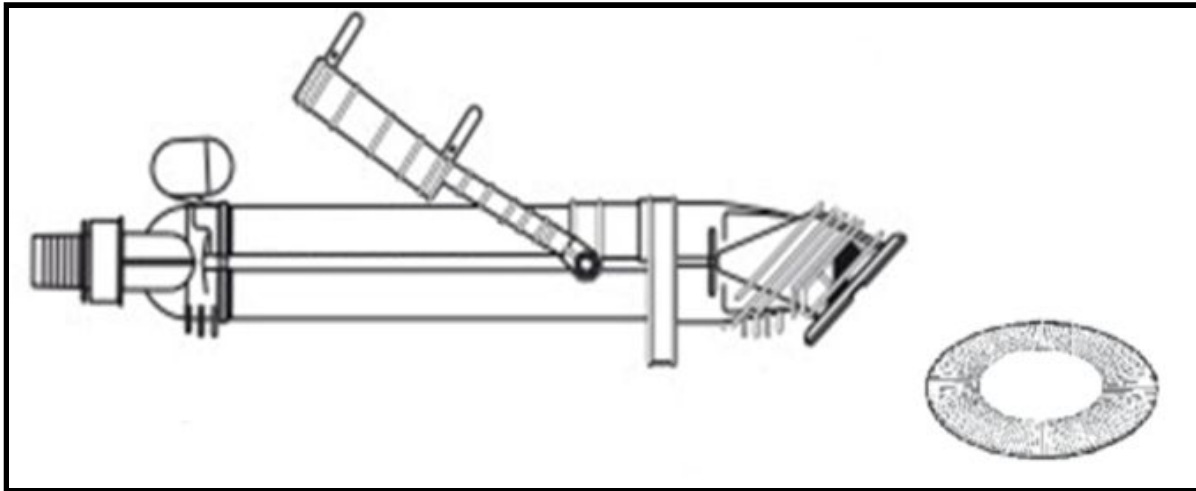
## Step 2- Attach the Seal

Once the wings are in place, next, take the pleated seal and slip it around the main body of the cleaner.

Please note that the flat side of the pleated seal faces downward towards the pool.

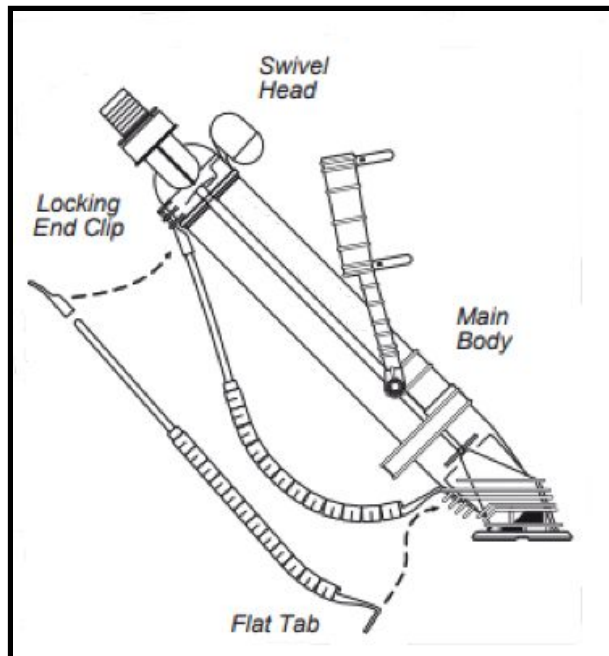
Slip the seal gently into the groove below the wings. For operation, the seal must be installed flat side down. Once in place, the pleated seal should rotate freely.

### Step 3- Attach the Footpad



Next, take the footpad and slide it around the bottom of the main body. The footpad firmly wraps around the main body's last groove. The footpad should wrap around the groove like a glove.

### Step 4- Attach Roller Bumper Strap

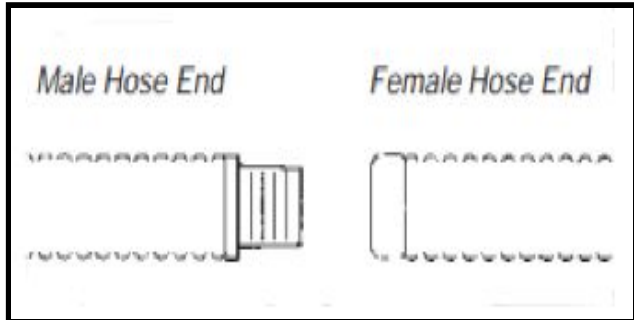


Insert the **Flat Tab** of the strap into the slot provided on the back end of the main body.

Next, insert the **Locking End Clip** of the strap into to the slots located on the swivel head.

The bumper will bend to fit into place.

## Step 5- Attach and Assemble The Hose



The hoses for the Aqua Pilot Cleaner arrive in sections and must be assembled.

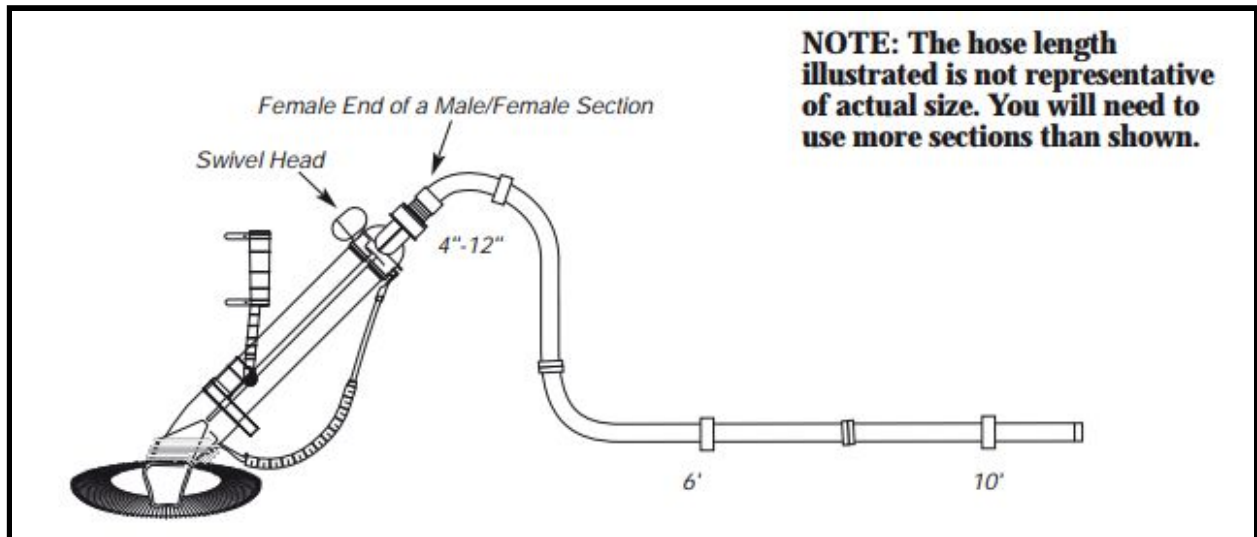
For proper operation, you need enough hoses to reach from where the Aqua Pilot is connected to the furthest spot in your

pool.

The number of hoses required depends on the depth of your pool. To assemble your hose, push the female ends onto the male ends after dipping the ends into the pool to wet them.

**One of the hose sections has 2 female ends. This section should be fitted last and attached to the pool's vacuum connection.**

**Your fully assembled Aqua Pilot cleaner should look like this**





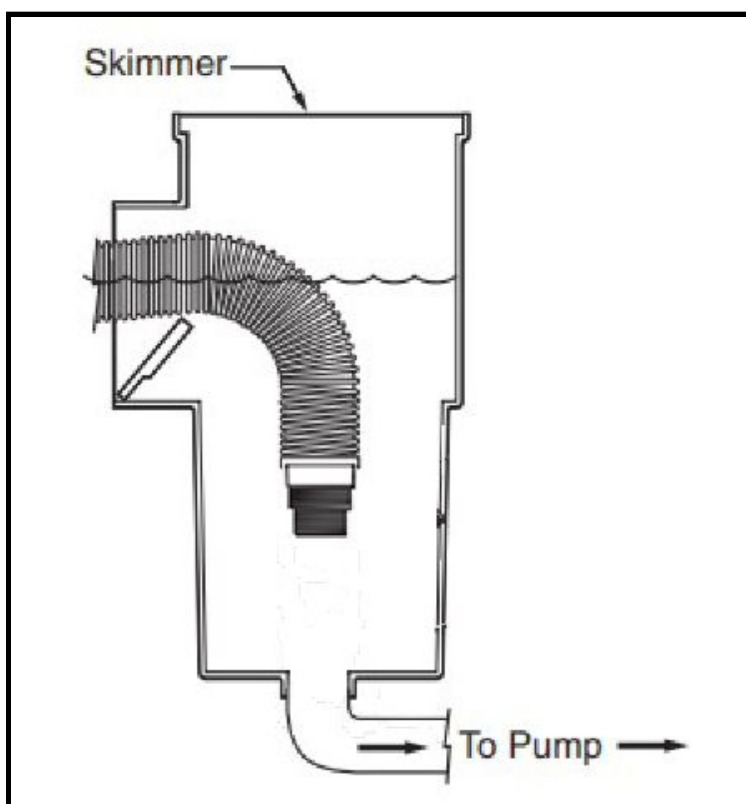
# Installation

The Aqua Pilot is universally designed to accommodate pools made of concrete, gunite, diamond brite, pebble tech, vinyl liner, fiberglass, and tile.

In this manual, we include the installation steps for the in-skimmer and the vacuum line installation.

## **Standard Installation: For pools with one skimmer or dedicated vacuum line.**

1. Turn the pool pump OFF.
2. Close the main drain and all suction lines except the line from the skimmer you are attaching the Aqua Pilot to.
3. Remove the skimmer basket.
4. Place the cleaner into the pool and allow it to sink to the floor.
5. Feed the hoses vertically into the pool until they are completely filled with water and purged of air.

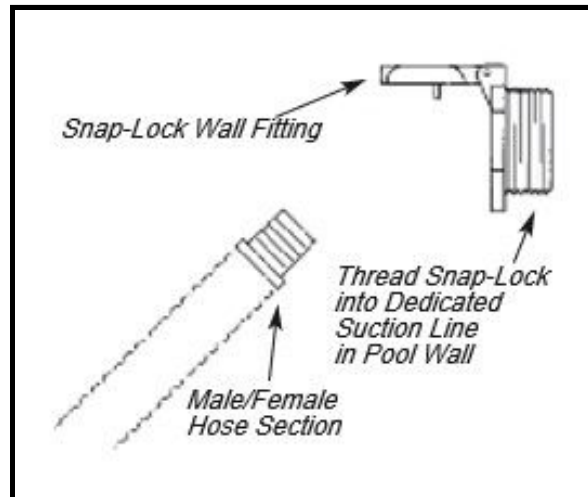


6. Insert hose end through the skimmer opening and connect to plumbing line.
7. Open main drain and suction lines.
8. Turn the pump on to start the cleaner.

## Optional Vacuum Line Installation

(Accessories like the snap lock wall fitting are not provided.)

1. Turn the pool pump OFF.
2. Close the main drain and all suction lines except the line from the skimmer you are attaching the Aqua Pilot to.
3. Thread the snap-lock wall fitting into the end of the dedicated suction line.
4. Place the cleaner into the pool and allow it to sink to the floor.



(Note: You have to remove the female-to-female hose section in this installation)

## Adjustments

After installing the Aqua Pilot, turn the pool pump ON. Allow the pump to run for a few minutes to ensure that all air cycles are out of the system. The Aqua Pilot should move around the pool at a pace of 8 to 12 feet per minute.

Check the following initial adjustments for proper operation.

### Hose Length

It is very important to make sure you are using the correct number of hoses for your pool.

With your Aqua Pilot running, place the cleaner at the furthest point in your pool. The hoses should be long enough to reach the end of the pool, plus one section. If necessary, remove the extra hose sections. **(Turn the pump OFF when removing hose sections.)**

### **Return Water Flow**

The water flow from the return line in your pool can affect the Aqua Pilot's performance by unintentionally pushing the hoses. This can cause your cleaner to steer away from the return line or cause the cleaner to remain in one area.

To correct this, divert the flow from one the eyeballs in your pool. Adjusting the direction of the eyeball can correct a stagnant pool cleaner.

### **Eyeball Positions**

To redirect the return line water flow, position the eyeball opening so that it does not interfere with the Aqua Pilot's movement. Try different positions to determine what works best for your pool.

- Flow directed along the side of the pool
- Flow directed downward
- Flow directed against the hose steers the Aqua Pilot away from obstructions like stairs and ladders

## **Troubleshooting**

If you are experiencing a problem with your Aqua Pilot Suction Pool cleaner, don't fret. Below is a list of the most common issues and remedies associated with this cleaner.

If there seems to be a problem that is not detailed, please call you pool professional or call our customer service line: 407-834-2200.

- |  |                         |
|--|-------------------------|
| ● Is the bottom drain closed?                      | Close Drain             |
| ● Is your filter clean?                            | Clean Filter            |
| ● Is the pump strainer basket clean?               | Clean Basket            |
| ● Is debris blocking the bottom of the Aqua Pilot? | Remove Debris           |
| ● Are there any leaks in the hose?                 | Replace Leaking Section |

**If the Aqua Pilot is not moving or pushing:**

- Ensure that the main drain and ALL suction lines are closed except for the line the Aqua Pilot is attached to.
- Check for debris in your filter and/or pump basket
- Ensure the pool pump and filter system is sized appropriately to operate this cleaner (incapable of providing 25 gallons per minute of water water)
- Check the return line water flow and redirect as necessary

**If the Aqua Pilot stays on one end of the pool:**

- Check the return line to ensure you are getting enough flow
- Ensure that the hose is long enough to reach to the end of the pool
- Ensure cleaner is operating at optimal seeds (8-12 feet per minute)
- Check the return line water flow and redirect as necessary

**If the Aqua Pilot stays on the main drain**

- Ensure that the main drain is closed. You may need help from a pool professional.
- If the main drain is not flushed to the pool, consult your pool professional

**If Aqua Pilot stops or slows and air bubbles enter the pool through return line:**

- Check hoses for leaks
- Check the connections at vacuum. It should be submerged so that no air enters into the system
- Check the pump lid for looseness, cracks, or worn out o-rings

**If Aqua Pilot pulls air from, or remains at, the water surface**

- Make sure the water level is at least 3 inches below the pool deck
- Ensure your Aqua Pilot is operating at the proper speed of 8-12 feet per minute

# Aqua Pilot Exploded Diagram

