



**CREATIVE  
WATER  
SOLUTIONS**

# PoolNaturally®

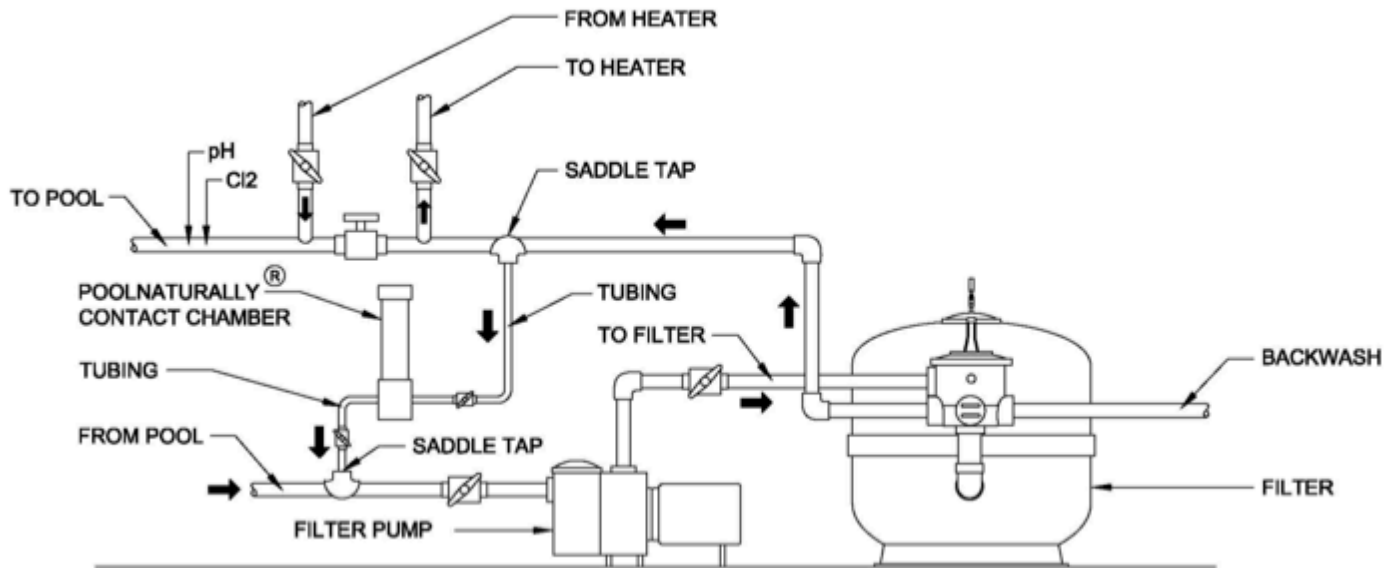
Pure. Simple. Genius.  
Installation and Product Use Instructions  
In ground and above ground pools



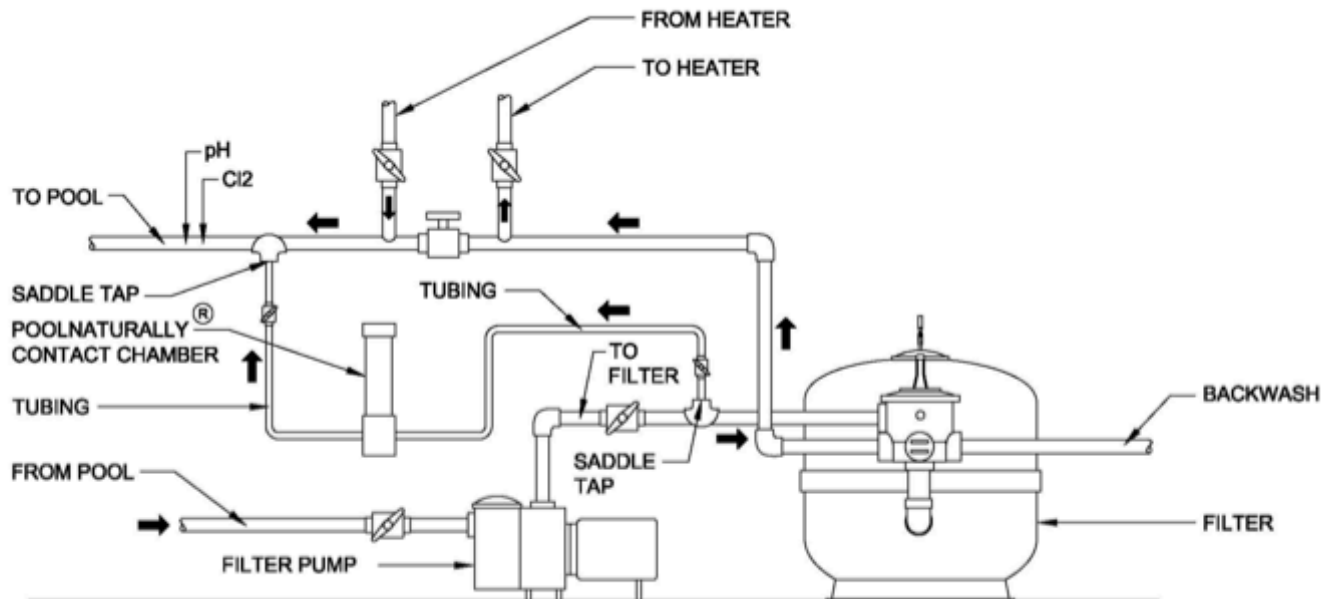


## Installation Diagrams:

(Installation can be done either before or after the pump. Shown below)

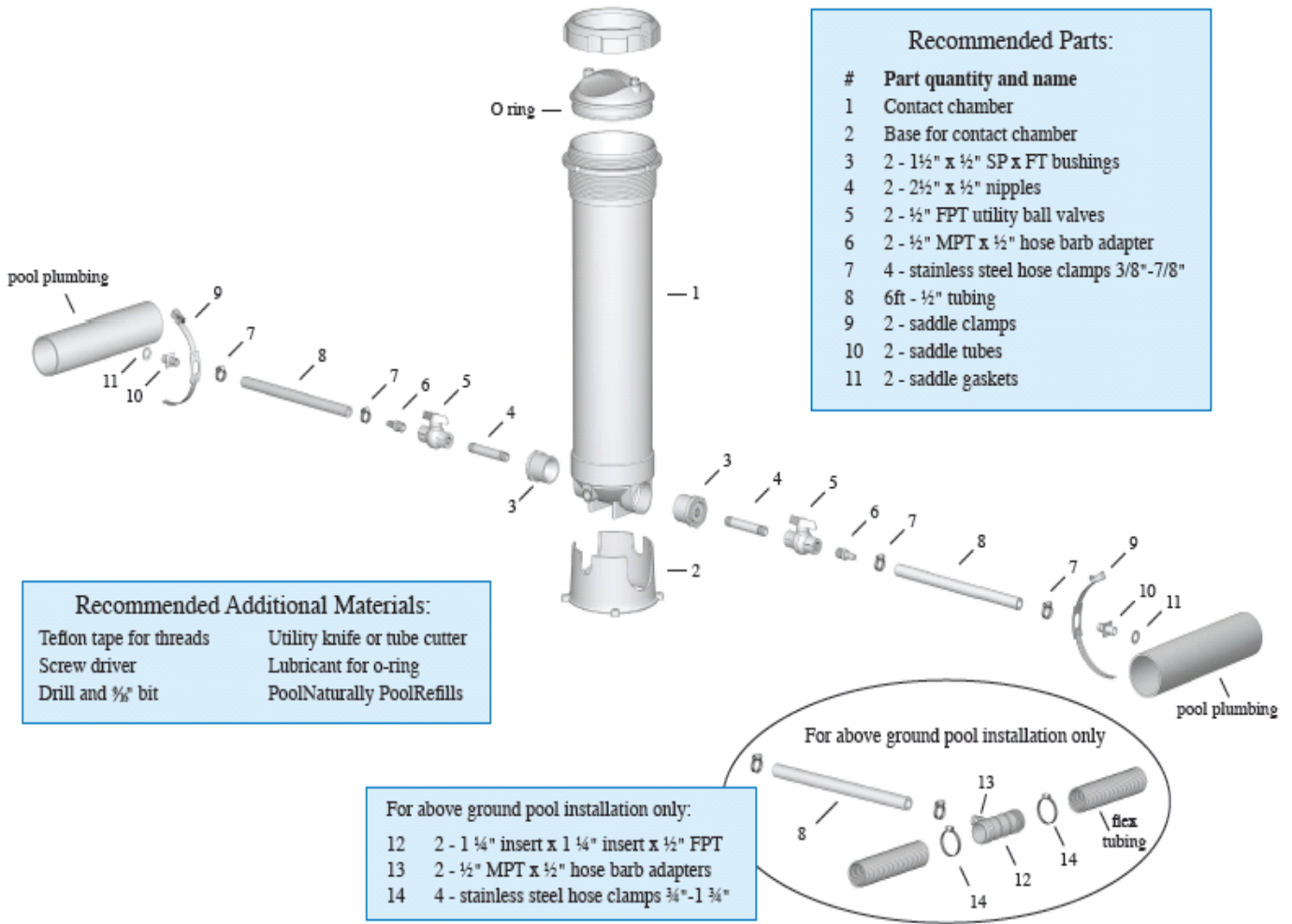


Recommended Flow Rate  
Minimum: 2 gpm  
Maximum: 10 gpm



# Pool Naturally®

## Assembly and Use Instructions



**Recommended Parts:**

#	Part quantity and name
1	Contact chamber
2	Base for contact chamber
3	2 - 1½" x ½" SP x FT bushings
4	2 - 2½" x ½" nipples
5	2 - ½" FPT utility ball valves
6	2 - ½" MPT x ½" hose barb adapter
7	4 - stainless steel hose clamps 3/8"-7/8"
8	6ft - ½" tubing
9	2 - saddle clamps
10	2 - saddle tubes
11	2 - saddle gaskets

**Recommended Additional Materials:**

Teflon tape for threads	Utility knife or tube cutter
Screw driver	Lubricant for o-ring
Drill and ⅝" bit	PoolNaturally PoolRefills

**For above ground pool installation only:**

12	2 - 1 ¼" insert x 1 ¼" insert x ½" FPT
13	2 - ½" MPT x ½" hose barb adapters
14	4 - stainless steel hose clamps ¾"-1 ¼"

## Assembly and Use Instructions

**Read these instructions thoroughly prior to installation start.**

1. Gather recommended parts list or order installation kit.

### Lay out all parts in order of assembly

2. Prepare by first applying Teflon tape (not supplied) 3 wraps around each threaded fitting.

### Assemble the inflow / outflow ports

3. Verify that a plug is installed at the internal bypass port on the IN side of the dispenser, then, using typical PVC primer and glue (not supplied) install the 1 ½ "x ½ " SP x FT bushing (3) to the port labeled IN at the bottom of the contact chamber, then duplicate actions and install the second 1 ½ "x ½ SP x FT bushing (3) to the port labeled OUT.
4. Note: Allow sufficient dry (hardening time) consult your PVC glue container for directions.
5. Assemble one each of the (Teflon taped) ½" x 2 ½ "nipples (4) and ½" hose barb adapters(6) screwing each into opposite ends of one of the ½" FPT utility ball valves(5), Note: typical tightening is hand tight plus 1/3 turn with a wrench Do not over tighten.
6. Screw this assembled nipple, valve, barb, assembly into the 1 ½ "x ½ " SP x FT bushing installed at the bottom of the dispenser labeled IN. typical tightening is hand tight plus 1/3 turn with a wrench Do not over tighten. Make sure the valve handle is facing up or in a position where it can be easily reached after the completed installation.
7. Repeat steps 5 and 6 to the OUT port of the contact chamber.
8. Set contact chamber into its base(2).
9. Optional action: You may choose to: turn the assembled contact chamber and base upside down and apply a bead of silicone caulking (not supplied) to the underside of the base where it meets the chamber housing; this will create a more solid connection between these two parts, after the silicone hardens
10. Set unit upright and place it at a convenient location among the pool equipment, preferably on the equipment pad. Noting: unobstructed access to the contact chamber lid and utility ball valves, also note proper location of the IN and OUT ports. Secure contact chamber base to the ground with cement screws, if possible.

Connections to pool plumbing

Prior to these next steps: be certain the pool equipment power is off and the utility ball **valves (if any) are closed.**

11. IN - flow side: Locate a suitable spot at the circulation pump's 2" or 1.5" rigid PVC discharge pipe, between the pump and filter. Pick a location that will allow for the installation of one of the saddle clamp assemblies.
12. Drill a 5/8" hole in the pipe, clean any burrs / rough edges and remove debris.
13. Place saddle gasket (11) on the hole and insert saddle tube (10). Use saddle clamp (9) to secure. Do not over tighten.
14. OUT - flow side: Locate a suitable spot at the pool circulation equipment's 2" or 1.5" rigid PVC pipe, between the filter and the heater; or after the heater. Do not install less than 18" downstream of chlorine, bromine or other chemical feeder(s).
15. Drill a 5/8" hole in the pipe, clean any burrs / rough edges and remove debris.
16. Place saddle gasket(11) over the hole and insert saddle tube(10). Use saddle clamp(9) to secure. Do not over tighten.
17. Cut tubing(8) into two appropriate lengths.
18. Slide small hose clamps (7) over the hose ends and attach one end to the hose barb adapter (6) – inflow saddle assembly (between the pump and filter) the other end to the barb fitting at the IN side of the contact chamber. Now tighten the small hose clamps, repeat actions from the OUT side of the contact chamber to outflow saddle assembly (between the filter and heater or after the heater)
19. Verify that the flow restrictor tube is upright and properly seated to the bottom center port of the contact chamber.
20. Verify o-ring is seated properly on contact chamber lid. Lubricate as needed. Add PoolMoss® refills into the tank, using the dosage chart on the back of the following page. Install the contact chamber lid and lock ring, do not over tighten the lock ring and verify that the air relief vent is closed.
21. Open the previously closed pool equipment ball valves and turn the pool equipment back "ON." After the pool pump is fully primed and running and you've bled the filter of air, verify the inflow and outflow valves on the contact chamber are also open. Check for leaks, tighten clamps if needed.
22. Slightly open the air relief valve on the cover and leave open until water flows out, the tank is now full. Tighten / close the air relief valve.

Maintain proper IN and OUT installation locations as noted above.

NOTE: For optimum PoolNaturally® system performance, new filter media or filters are highly recommended



## Maintenance Instructions

### Spring Start Up/Opening

- Install the PoolNaturally® system at the beginning of the pool season for best results.
- Start with a fresh filter
  - Remove filter media (sand, DE) and replace with fresh media.
  - For best results replace cartridge or please ensure the cartridge is well cleaned.
- When starting/opening pool, do not add stabilizer (cyanuric acid) or algaecide.
- Add EPA registered pool chlorine to get recommended free chlorine level
- Adjust pH, alkalinity, and hardness to recommended levels.

<b>Free chlorine</b>	<b>1-3ppm</b>
<b>pH</b>	<b>7.2-7.4</b>
<b>alkalinity</b>	<b>40-120</b>
<b>CYA</b>	<b>*less than 20ppm</b>

- Once water has been balanced, add PoolMoss® to PoolStart™ contact chamber according to the dosage chart (see detailed instructions below – Changing PoolMoss®).
- The first season you use the PoolNaturally® system, check and clean filter or backwash filter weekly for the first month. As material is shed from the pipes and pool surfaces, it will collect on/in filters and needs to be removed by rinsing or backwashing.

### Routine Maintenance

- PoolMoss® dosing has been designed for best results when PoolMoss® is changed once a month (see below for details about how to change PoolMoss®).
- Maintain 1-3 ppm of free chlorine.
- Monitor pH, alkalinity, hardness, and free chlorine weekly with test strips or other approved testing equipment or take water samples to your local pool retailer.

### Important Pool Maintenance Note


When backwashing, hyper-chlorinating, shocking, or using algaecide, close the inflow and outflow valves to the PoolStart™. Re-open valves when chlorine levels return to 1-3 ppm free chlorine and, if using an algaecide, when it is once again safe to use your pool per algaecide instructions.

At the End of the Season (for cooler climates)

Take appropriate winterizing steps for the whole pool system. Completely empty water from the PoolStart™ contact chamber and remove PoolMoss®. Add WinterMoss™ for best results!

## Changing PoolMoss®

- To change PoolMoss®, close the inflow and outflow valves at the contact chamber.
- Open the air relief valve to relieve pressure
- Remove lid from the contact chamber.
- Remove old PoolMoss® and dispose.
- Add new PoolMoss® according to dosage chart below.
- Lubricate o-ring as needed.
- Install the contact chamber lid and lock ring, do not over tighten the lock ring and verify that the air relief vent is closed.
- Open the previously closed inflow and outflow valves on the PoolStart™ contact chamber.
- Slightly open the air relief valve on the cover and leave open until water flows out, the contact chamber is now full. Tighten / close the air relief valve.

 <b>PoolMoss®</b> For Your PoolStart™ Chamber	<b>1</b> Pack of PoolMoss® Per Month	<b>2</b> Packs of PoolMoss® Per Month
	Up to 75.7 m <sup>3</sup> Up to 20,000 Gallons	Up to 151.4 m <sup>3</sup> Up to 40,000 Gallons





## GENERAL DISCLAIMERS

PoolNaturally<sup>®</sup>, PoolStart<sup>™</sup> and PoolMoss<sup>®</sup> are intended for residential home use only. Neither PoolNaturally<sup>®</sup>, PoolStart<sup>™</sup> nor PoolMoss<sup>®</sup> are intended to be a sanitizer or disinfectant for killing bacteria.

### Terms and conditions

#### **Satisfaction Guaranteed – 90 Day Limited Warranty.**

Creative Water Solutions, LLC warrants and guarantees for ninety (90) days from the date of retail purchase or internet shipment that you will be completely satisfied with PoolNaturally<sup>®</sup> and the PoolNaturally<sup>®</sup> line of products, including without limitation to PoolNaturally<sup>®</sup>, PoolStart<sup>™</sup> and PoolMoss<sup>®</sup>.

#### **Refund/Replacement Product Policy**

In the event you find PoolNaturally<sup>®</sup> to be unsatisfactory for any reason within ninety (90) days after retail purchase or shipment to you, Creative Water Solutions, LLC will, at your option, provide as your one-time, exclusive remedy either (i) a 100% refund of your purchase price paid for the product said to be unsatisfactory, or (ii) replacement product delivered to you free of charge.

The amount of any refund, or the quantity of replacement product, whichever remedy is elected, shall be limited to the value of your purchase price actually paid for the unsatisfactory product purchased within the 90-day period.

Each customer is entitled to a one-time option to receive either a refund or replacement product, and any customer exercising either option shall no longer qualify for either a refund or replacement product on future purchases or use of PoolNaturally<sup>®</sup> products.

#### **Limitation of Remedies, Waiver and Release of Claims**

The PoolNaturally<sup>®</sup> Refund/Replacement Product Policy set forth above is the exclusive warranty and remedy for your use of any PoolNaturally<sup>®</sup> product, including without limitation to PoolNaturally<sup>®</sup>, PoolStart<sup>™</sup>, PoolMoss<sup>®</sup>. All claims for refunds are deemed waived or released unless made in accordance with the PoolNaturally<sup>®</sup> refund/replacement product policy.

Except as provided under the PoolNaturally<sup>®</sup> refund/product replacement policy, PoolNaturally<sup>®</sup> and all products within the PoolNaturally<sup>®</sup> product line are being sold on an “as is” or “with all faults” basis, and the entire risk as to the quality and performance of the goods is with the buyer. No other guarantees or warranties are made, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or any implied warranty arising out of a course of dealing, custom, or usage of trade.



All other claims of negligent or unintended loss, harm, injury or wrongdoing, whether in contract, negligence, strict liability or any other unintentional tort, are deemed waived or released by you, regardless whether or not submitted under or within the PoolNaturally® refund/replacement product policy. In no event will Creative Water Solutions, LLC be liable for incidental, consequential, special or punitive damages resulting from any breach of contract, negligence or other unintentional cause.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

For warranty claims or technical support, please contact your authorized PoolNaturally® dealer or contact us directly toll free at 877-212-6493.

Many of our products are assembled by persons with disabilities supported by Lifeworks Services.

Learn more at [www.lifeworks.org](http://www.lifeworks.org)

# Creative Water Solutions

## Contact Information

13809 Industrial Park Blvd.  
Plymouth, MN 55441

Phone (763) 398-0141  
Fax (763) 551-2572  
info@cwsnaturally.com  
www.cwsnaturally.com

