



**CREATIVE  
WATER  
SOLUTIONS**

# Product Information and Water Management Guide

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## Introduction

PoolMoss® Pro and SpaMoss® Pro commercial recreational water treatment systems are the first plant based, all natural, renewable water treatment products. These products are the culmination of over 10 years of laboratory and field-testing into the biological, chemical and environmental effects of Sphagnum moss on water. The products are currently covered by three issued U.S. patents, several international patents and additional patents are pending.

The addition of PoolMoss® Pro and SpaMoss® Pro will initially cause changes in ORP, pH and water clarity as the product conditions the water and surfaces. This process will eventually create a new equilibrium in the recreational aquatic ecosystem.



## Products



### CC-STL

#### Operating Specifications

Standard Rope (included):	120"
Chamber Height:	37"
Chamber Width:	13"
Chamber Depth:	19"
Nylon Rope Extension (optional):	108"
Cam Cleat (optional) load limit:	500lbs

PoolMoss® Pro capacity: 8 PoolMoss® Pro 3 bags, 2 per shelf, unless otherwise instructed



### CC-STL

#### Operating Specifications

Standard Rope (included):	120"
Chamber Height:	19"
Chamber Width:	13"
Chamber Depth:	19"

PoolMoss® Pro capacity: 4 PoolMoss® Pro 3 bags, 2 per shelf, unless otherwise instructed



### Rope Extension

#### Operating Specifications

Load limit:	240lbs
Length:	120"
Stainless Steel Hardware	



### Cam Cleat

#### Operating Specifications

Working load:	500lbs
Max line diameter:	5/8"
1/4" Anchor Screws/nuts recommended (not included)	



## CC-80

### Operating Specifications

Chamber Height:	34"
Chamber Width:	20"
Flow rate:	10-15 gpm optimal
Operating Pressure:	5-10 psi, max 50 psi
Pressure drop:	3.7 psi at 15 gpm
PoolMoss® Pro capacity:	3 PoolMoss® Pro 3 bags



## CC-90

### Operating Specifications

Chamber Height:	36"
Chamber Width:	26"
Flow rate:	10-15 gpm optimal
Operating Pressure:	5-10 psi, max 50 psi
Pressure drop:	1.88 psi at 15 gpm
PoolMoss® Pro capacity:	6 PoolMoss® Pro 3 bags



## CC-140

### Operating Specifications

Chamber Height:	40"
Chamber Width:	34"
Flow rate:	10-15 gpm optimal
Operating Pressure:	5-10 psi, max 50 psi
Pressure drop:	1.88 psi at 15 gpm
PoolMoss® Pro capacity:	12 PoolMoss® Pro 3 bags





## CC-150

### Operating Specifications

Chamber Height:	42"
Chamber Width:	38"
Flow rate:	10-15 gpm optimal
Operating Pressure:	5-10 psi, max 50 psi
Pressure drop:	3.66 psi at 15 gpm
PoolMoss® Pro capacity:	16 PoolMoss® Pro 3 bags



## CC-F (Fountain Contact Chamber)

### Operating Specifications

Chamber Diameter:	4.25"
Chamber Length:	12.5"
PoolMoss® Pro capacity:	1 FountainMoss™ Starter/PoolMoss® Pro 1 1 FountainMoss™ Maintenance/PoolMoss® Pro .5



## Breakaway® Flush

### Operating Specifications

1.06 gallon (4 L), cases of 4



## Breakaway® Air Scour System

### Operating Specifications

For use with Breakaway® Flush to air scour pool and spa filters.

Includes blower and hardware to transfer Breakaway® to the pool plumbing (connects with 3/4" MPT)





## PoolMoss® Pro 3

Used in CC-STL and CC-ST5

Used in CC-140



## PoolMoss® Pro 2

Used in CC-STL and CC-ST5

Used in CC-140



## ←FountainMoss™ Starter /PoolMoss® Pro 1

**FountainMoss™  
Maintenance  
/PoolMoss® Pro .5 →**

Used in Fountain Contact Chamber



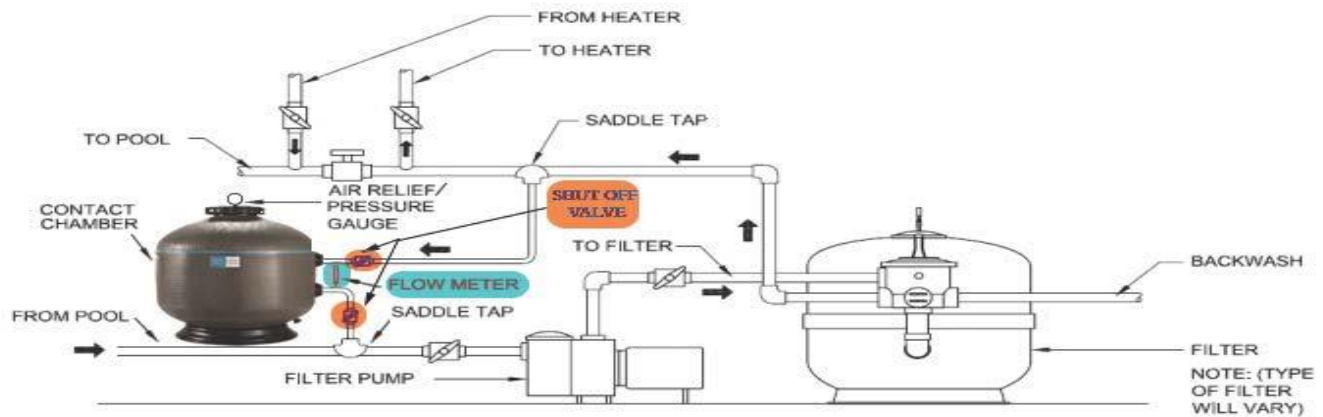
## PoolMoss® Pro 4

Used in (discontinued) CC-P

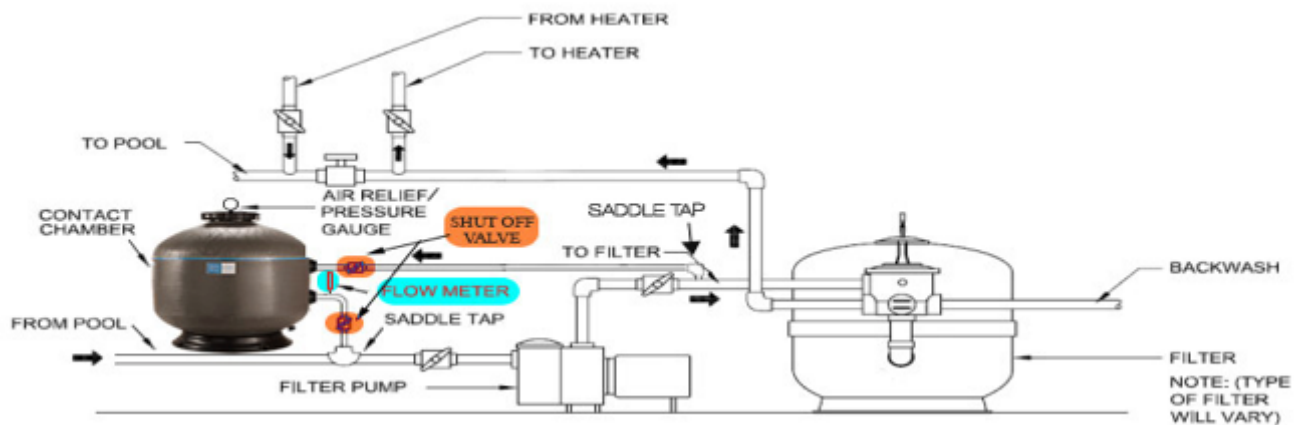


# Contact Chamber Installation Diagrams

## Configuration 1



## Configuration 2



**NOTE 1:** In Configuration 1, inflow is after the filter, outflow is before the pump. In Configuration 2, inflow is before the filter, outflow is before the pump. Depending on the system, either configuration may be used to in order to achieve 15 gpm flow rate, and ensure that any stray PoolMoss® is caught in the filter.

**NOTE 2:** Multiple contact chambers may need to be plumbed in with inflow between filters and pump (NOT between filter and pool), to minimize flow reduction due to multiple filters.

**NOTE 3:** Multiple contact chambers should be plumbed in parallel if possible, to allow moss changes or contact chamber repairs on one unit at a time.

### Recommended Parts List for CC-80/90/140/150 Contact Chamber Installation

2 – true union ball valves\*

1 – in line vertical flow meter\* (0-25 gpm) (we recommend FlowVis®)

\*Diameter will depend on your installation

# Commercial Spa Flushing Instructions

1. DO NOT use the spa while flushing with Breakaway®.
2. If applicable, remove PoolMoss® Pro from the contact chamber and leave the valves full open.
3. Pour Breakaway into the spa water (16.9 oz. /500 gallons), reserving a small amount for wiping down surfaces after initial flush.
4. Circulate Breakaway for a minimum of 1 hour (longer is better, up to 4 hours).
5. Run the jets as able. If excessive foaming occurs, turn off the jets until foaming subsides and then restart the jets. Alternatively, let the foaming occur and clean up after flushing.
6. Backwash until water level goes down to jets (not below) and then completely drain system.
7. Wipe the spa surfaces down to remove grime (use Breakaway® on a rag or sponge). Do not allow the grime to dry! It is more difficult to remove when dry.
8. Refill spa enough to cover the jets.
9. Run rinse water 1/2 hour.
10. Backwash until water level goes down to jets (not below) and then completely drain system.
11. Add water, heat, balance water.
12. If using PoolMoss® Pro system, add PoolMoss® Pro to contact chamber when water is balanced.
13. Repeat flush every three months or more often, if needed.

**[Commercial Pool and Spa Filter Flushing and Air Scour Instructions provided separately]**



# CC-STL and CC-STS Maintenance and Operation

## Startup of the CC-STL and CC-STS System

1. Open the contact chamber by moving the two individual bungees to the side of the lid at the corners. Caution: bungees are taut; take care not to pinch your fingers or hands.
2. Break up the PoolMoss® Pro into 2" squares
3. Place 2 bulk bags of PoolMoss® Pro on each shelf within the chamber.
4. Close the lid to the contact chamber by placing the bungees back over the corners of the lid.
5. Unscrew the U clamps on the nylon support rope and attach to the top edge of the contact chamber as shown in the image, or the weight of the wet PoolMoss® Pro will bend the contact chamber.
6. Using the support rope slowly lower the contact chamber into the surge tank or gutter to a level such that it will always be submerged.
7. Position the contact chamber so it does not interfere with any equipment in the tank.
8. Secure the carabineer to the top of the surge tank or gutter (e.g. the top railing of the stairs or a pipe)



## Changing or checking PoolMoss® Pro on the CC-STL and CC-STS without the cam cleat

1. Using the rope pull the contact chamber up enough to clear all sides from water submersion.
2. Let contact chamber 'rest' at the edge of the surge tank or gutter allowing the PoolMoss® Pro to drain.
3. After sufficient 'rest' time pull the entire contact chamber from the surge tank or gutter.
4. If checking the PoolMoss® Pro:
  - a. Open the contact chamber (as described above)
  - b. Remove each bag and fluff the moss by hand to mix the PoolMoss® Pro
  - c. Inspect integrity of each bag – if moss is leaking out, replace the bag in the chamber with a new one and contact your CWS representative
  - d. Replace bags in the chamber, rotating them from top shelf to bottom shelf (bottom shelf then goes to the top)
5. If changing PoolMoss® Pro, discard the spent PoolMoss® Pro in the trash and replace with new PoolMoss® Pro.
6. Lower the contact chamber back into the surge tank or gutter, positioning it so it does not interfere with any equipment.

## Changing or checking PoolMoss® Pro on the CC-STL/STS in conjunction with the Cam Cleat (optional rope extension)

1. Insert the standard rope between the arms of the camcleat on the surge tank opening. Pull the contact chamber up enough to clear all sides from water submersion. Repeat this for each contact chamber.
2. Leave each rope locked into the cam cleat(s). This will allow the PoolMoss® Pro to drain.
3. After sufficient water has drained and IF you are using the rope extension, exchange the main rope line in the cam cleat to the rope extension. This will pull the contact chamber into a vertical position.
4. After contact chamber is in a complete vertical position continue to pull the entire contact chamber from the surge tank.
5. If checking the PoolMoss® Pro, proceed as described above.

6. If changing PoolMoss® Pro, discard the spent PoolMoss® Pro in the trash and replace with new PoolMoss® Pro.
7. Lower the contact chamber back into the surge tank or gutter, positioning it so it does not interfere with any equipment.

## Cleaning and Maintenance

The chamber may be cleaned when needed with mild soap and water. If necessary use a brush with soft bristles

## Winterization of CC-STL and CC-STS

If the pool circulation system is shut down during the winter the following procedures are recommended:

- a) Remove the contact chamber from the surge tank or gutter
- b) Remove any PoolMoss® Pro and discard.
- c) Follow the cleaning and maintenance instructions
- d) Store out of the sun in a clean dry place.

## Troubleshooting and tips

Be sure the contact chamber is lowered to a depth that ensures it is submerged at all times so the PoolMoss® Pro can continuously interact with the water.

Be sure that the contact chamber is placed such that the chamber and the rope do not interfere with any moving parts and that the chamber does not get pulled up against a pipe. Strong suction may cause the PoolMoss® Pro bags to break and release moss directly into the water (it would collect in the strainers or filter).

# CC-80, 90, 140 and 150 contact chambers maintenance and operation

WARNING: THIS CONTACT CHAMBER OPERATES UNDER PRESSURE. WHEN ANY PART OF THE CIRCULATING SYSTEM (e.g. LOCK RING, PoolMoss® Pro, VALVES, ETC.) IS SERVICED, AIR CAN ENTER THE SYSTEM AND BECOME PRESSURIZED. PRESSURIZED AIR CAN CAUSE THE LID TO BE BLOWN OFF WHICH CAN RESULT IN SEVERE INJURY, DEATH OR PROPERTY DAMAGE. TO AVOID THIS POTENTIAL HAZARD, FOLLOW THESE INSTRUCTIONS.

VESSEL	PRESSURE DROP AT 15 GPM	CLEARANCE – HORIZONTAL	CLEARANCE - VERTICAL
CC-80	3.7 PSI	6 in	18 in
CC-90	1.88 PSI	6 in	24 in
CC-140	1.88 PSI	6 in	36 in
CC-150	3.66 PSI	6 in	36 in

## Contact chamber installation guidelines: (See Diagram on Page 6)

1. Contact chamber should be mounted on a level concrete slab. Position the contact chamber so that the instructions, warnings, and pressure gauge are visible to the operator. Also, position the contact chamber so that the piping connections, control valve and drain port are convenient and accessible for servicing and winterizing.
2. Provide sufficient space above and around the contact chamber to remove the lid for cleaning and servicing (see table above).
3. Position the contact chamber to safely direct water drainage. Rotate the valve to safely direct purged air or water. Water discharge from an improperly positioned contact chamber or valve can create an electrical hazard, as well as damage property.
4. Make all plumbing connections in accordance with local plumbing and building codes. Contact chamber plumbing connections are provided with an O-ring seal. Use only a silicone based lubricant on the O-rings. DO NOT USE pipe joint compound, glue or solvent on the bulkhead connections.
5. The maximum working pressure of this contact chamber is 50 psi. Never subject this contact chamber to pressure in excess of this amount, even when conducting hydrostatic pressure tests. Pressures above 50 psi can cause the lid to be blown off, which can result in severe injury, death or property damage.
6. One valve controls inflow and one valve controls outflow from contact chamber, as pictured in the diagram on p.6. A flow meter is required to monitor product performance. If desired, an automatic air relief valve can be installed in place of the manual air relief valve. If maintaining flow in the chamber is challenging, a boost pump may be added to the system.

## Startup and Adjustment of the CC-80, 90, 140, and 150

1. Prior to adding PoolMoss® Pro, with the lid off, open the valve on the inlet side of chamber making sure the outlet side valve is closed.
2. Fill chamber with water until it is about 3/4 full, close the inlet valve.
3. Add PoolMoss® Pro.
4. Close lid making sure to lubricate both sides of gasket with a Teflon based lubricant.
5. Fully open outlet valve, open inlet valve until the desired pressure reading is achieved.
6. Open manual air release, close when water start to come out.

## Changing or checking PoolMoss® Pro on the CC-80, 90, 140 and 150

1. Close the inlet valve.
2. Open manual air bleed and let water drain for approximately 60 seconds.
3. Close outlet valve.
4. Remove lid and check/remove PoolMoss® Pro. Discard spent PoolMoss® Pro in the trash.
5. Replace with new PoolMoss® Pro if necessary and close lid (the gasket on the lid must be lubricated every time the lid is removed and put back on).
6. Fully open outlet valve, open inlet valve until the desired pressure reading is achieved.
7. Open manual air release, close when water starts to come out.

## Cleaning and Maintenance

The contact chamber may be cleaned when needed with mild soap and water if necessary. Use a brush with soft bristles. Take care not to damage the threads on the lid or on the chamber when cleaning. Check contact chamber to ensure it is working properly after cleaning.

## Winterization of the CC-80, 90, 140 and 150

If the pool circulation system is shut down during the winter the following procedures are recommended:

- a. Flush chamber out with source water (not pool water) and clean to remove any residue in the chamber
- b. Drain chamber completely of water
- c. Disconnect chamber from water supply
- d. Store chamber out of the sun in a clean dry location

## Troubleshooting and tips

Due to the wide variety of installations possible, proper flow rate may not be achieved. If this is the case it may be necessary to install a booster pump. Please contact your CWS representative for proper booster pump installation procedures.

If any leaks may occur check fittings for tightness and make sure all gaskets are in proper working order.

To ensure a tight seal of the lid to the chamber be sure to lubricate gasket with a Teflon based lubricant.

If proper flow is achieved then lost, check to make sure the system is free of obstructions, air leaks and that there is no debris in the flow meter causing a false reading.



# Water management during the transition

## Chlorine

Adding PoolMoss® Pro and SpaMoss® Pro to the system may initially cause a change in ORP. If the water body has an ORP or HRR chlorine controller, decrease the ORP set point when the FAC is above preferred levels. It may take a few days of adjusting the ORP as the pool water is treated by PoolMoss® Pro for the system to finally stabilize. Depending on the turnover rate of the water body and time required for stabilization of the system, the FAC should be retested 3-4 times per day to determine level of ORP necessary to maintain acceptable FAC levels. It is important to allow the pool to stabilize at the new 'normal' ORP setting before making any other changes.

## pH

During the transition period, pH fluctuations may occur. It is important to make sure that the pH probe is clean and calibrated and that water testing kit pH measurements correspond with the pH probe. As water is treated with PoolMoss® Pro, the demand for pH altering chemicals such as bicarbonate will decrease significantly.

## Alkalinity

Allow alkalinity to be at the minimal levels required by state guidelines. Do not adjust, if possible. Buffers from the PoolMoss®Pro will prevent most pH bounce.

## Calcium hardness

Allow the system to stabilize for 60 days before making any changes to calcium hardness.

## Turbidity (Clarity)

We have found that some pools have an increase in turbidity during the transition period, which occurs after PoolMoss® Pro has been started. In this situation, treatment with a clarifier (flocculant) should remedy the problem. The addition of PoolMoss® Pro may result in fine particles accumulating at the bottom of pool as the product conditions the water and pool surfaces. When this occurs, use a vacuum to remove the particles from the water. In our experience, this has been a short-lived occurrence in facilities with new or clean filters.

## Total Dissolved Solids (TDS)

During the first 30 days of PoolMoss® Pro treatment the TDS levels may fluctuate due to the effect on accumulated scale on the pool surfaces. With time the TDS levels will fall due to the absorption of positively charged ions by PoolMoss® Pro and the pool or spa water will equilibrate at a new, lower TDS level.

## Back Washing

Initially, more frequent back washings should be anticipated as the PoolMoss® Pro releases scale and other contaminants from the surfaces of the pool or spa. It is recommended that back washing be done according to a 10 pound differential in the inflow/outflow pressure measurement of the filter or that back washing be done if the overall flow of the system decreases by 20%.

## PoolMoss® Pro

During the transition period, check your moss every week by opening the contact chamber as described in the previous sections. If it is over 50% bleached or the moss has changed consistency (no longer looks like brown leaves, but more akin to mashed potatoes), remove the damaged moss and replace with new moss.

Bleaching of the PoolMoss® Pro may be caused by continued exposure to high FAC (5 ppm and above) or continued high combined chlorine levels (1.0 ppm and above). This can be prevented by reducing ORP so FAC does not climb above 5 ppm and by turning off the valves to the contact chamber (CC-P/CC-140) or removing contact chambers from the surge tank or gutters if FAC is high. Remember to open the valves or return the contact chambers to the surge tank or gutters when FAC is below 5 ppm.

See the following General Water Management Guidelines section on combined chlorine for more information about how to manage it with the PoolMoss® Pro/ SpaMoss® Pro water system treatment.

# General water management guidelines for pools with PoolMoss® Pro and SpaMoss® Pro

## Sanitizing Agents

PoolMoss® Pro and SpaMoss® Pro systems are to be used with an EPA approved sanitizer. It is not recommended for use with biguanides. Because it is most commonly used, only chlorine is referenced in this guide.

If the FAC goes above 5 ppm, bleaching of the PoolMoss® Pro can occur. If this is allowed to continue, the PoolMoss® Pro may eventually dissolve. To prevent this, flow through the moss should be shut off or moss removed from the surge tank when FAC is above 5 ppm. After the ORP set point has been reset and the FAC has fallen below 5 ppm, flow through the PoolMoss® Pro can be reestablished.

If the pool or spa requires hyper chlorination or shocking due to fecal or other contamination, flow through the moss should be turned off or moss removed from the surge tank during the shocking procedure. Reestablishing flow through the moss can be done once the shock has resolved and FAC levels return to normal.

## Combined Chlorine

Elevated combined chlorine levels should be managed in accordance with state laws. If hyper chlorination is going to be used to deal with the high combined chlorine levels, then the PoolMoss® Pro must be taken off-line during this process. After the FAC levels are below 5 ppm, the PoolMoss® Pro can be put back online. After hyper chlorination, make sure that pH of the system is at the recommended level and check the PoolMoss® Pro to make sure that it has not become bleached or dissolved. If PoolMoss® Pro is over 50% bleached, it should be replaced.

If high combined chlorine levels persist in a pool with a particulate filter and normal treatment does not fix the problem, then replacing the sand or flushing the sand may be required. Contact your Creative Water Solutions representative for more information about Breakaway® flush for spas and for filters.

If high combined chlorine levels persist in a spa, we recommend that the spa be flushed, rinsed, refilled and re-equilibrated before restarting PoolMoss® Pro.

## pH

The pH of the pool should be maintained between 7.2 and 7.4. pH levels above 7.4 will result in reduced biocide activity of chlorine and greater chlorine use.

## Alkalinity

It is recommended that alkalinity be kept at the minimal levels required by state guidelines. Remember, alkalinity measurements reflect the level of buffering capacity of water. They are a direct measurement of the level of bicarbonate in the water. PoolMoss® Pro has its own buffering capacity, therefore minimal levels of alkalinity can be maintained without experiencing severe fluctuations in pH. Chasing a low alkalinity measurement in the pool by adding pH up (bicarb) will drive the pH higher resulting in a decrease in hypochlorous acid concentration, a change in ORP, and a resulting overfeeding of biocide.

Therefore, we recommend leaving the alkalinity at minimal state standards.



## Calcium hardness

Calcium hardness measurements usually decrease and then stabilize when using PoolMoss® Pro and SpaMoss® Pro. PoolMoss® Pro has the ability to remove scale by absorbing calcium into the leaf structure. It is recommended that the system is allowed to stabilize for 60 days before making any changes to calcium hardness.

## Algaecide

If algaecide is added to a spa or pool, remove the PoolMoss® Pro until it has dissipated.

## Total Dissolved Solids (TDS)

During the first 30 days of PoolMoss® Pro treatment the TDS levels may fluctuate due to the effect on accumulated scale on the pool surfaces. With time the TDS levels will fall due to the absorption of positively charged ions by PoolMoss® Pro and the pool or spa water will equilibrate at a new, lower TDS level.

## Backwashing

As time goes on, the need for back washing will decrease. If back washing continues to be done on a time schedule rather than on a 10 pound pressure differential, savings in water, energy, chemicals, and operator time will not be as significant as when the back washing is done by pressure differential measurements.

## Data Collection

Monitoring flow rate of the contact chambers should be done at least once daily and recorded on the sheet provided. If flow rate deviates from recommended levels, the valves should be adjusted to increase or decrease the flow.

PoolMoss® Pro should be visually inspected once a week to ensure that it has not bleached or dissolved. Inspections can also be noted on the sheet provided.

This information will be useful for trouble-shooting and also ensures that the PoolMoss® Pro and SpaMoss® Pro system is functioning normally.

## CYA

Cyanuric acid can be used in conjunction with PoolMoss® Pro in outdoor pools if needed to stabilize FAC levels. In northern climates when pools are filled, a low level of Cyanuric acid (5 ppm) can be for the first 1-2 weeks if needed. After the new fill water is conditioned with PoolMoss® Pro, no further addition of cyanuric acid will probably be required to maintain desired FAC levels.

In warmer climates where pools are filled year around and summers are significantly warmer a low level of cyanuric acid (10 ppm) may be needed to maintain FAC levels.

When adding cyanuric acid to a surge tank, do not place the product in the contact chamber next to the PoolMoss® Pro. It can be delivered in a separate apparatus in the same surge tank.



## Chlorine 1 -2 ppm

- Shortly after adding PoolMoss® Pro, the chlorine demand will decrease – TURN DOWN ORP incrementally per the chart on the back of this page
- If your FAC spikes above 5 ppm, remove PoolMoss® Pro from the system until FAC is below 5 ppm or the moss may become bleached
- ORP setting after the transition period may be lower than it was before the PoolMoss® Pro was installed
- High combined chlorine is an indication that the sand filter needs to be flushed. Contact your CWS authorized dealer for Breakaway® flush and Air Scour kit

## pH 7.2-7.4

- Be sure pH probes are clean, properly calibrated and functioning
- Fluctuations will occur during the transition period and then settle down and remain stable

## Alkalinity

- Do not chase it. Let it go to the minimum allowed. Your water will not feel uncomfortable, become corrosive or cause staining.

## Hardness

- Do not adjust for first two months. Your water will not feel uncomfortable or become corrosive

## Turbidity (water clarity)

- Your water may turn cloudy during the transition period! It is evidence that the PoolMoss® Pro is working
- Add clarifier, vacuum and/or backwash as needed
- Know that material will stop sloughing off soon and clarity will be better than ever

## Backwashing

- Watch differential pressure and backwash as needed
- If a lot of material is sloughing off, you may need to backwash more often than usual during the transition period. This will subside after the transition period

## Cyanuric Acid

- At the start of the outdoor season, get CYA to 20 ppm (northern climate) or 30 ppm (southern climate)
- As PoolMoss® Pro conditions the water, CYA levels can be decreased to 5 ppm (northern climate) and 10 ppm (southern climate)

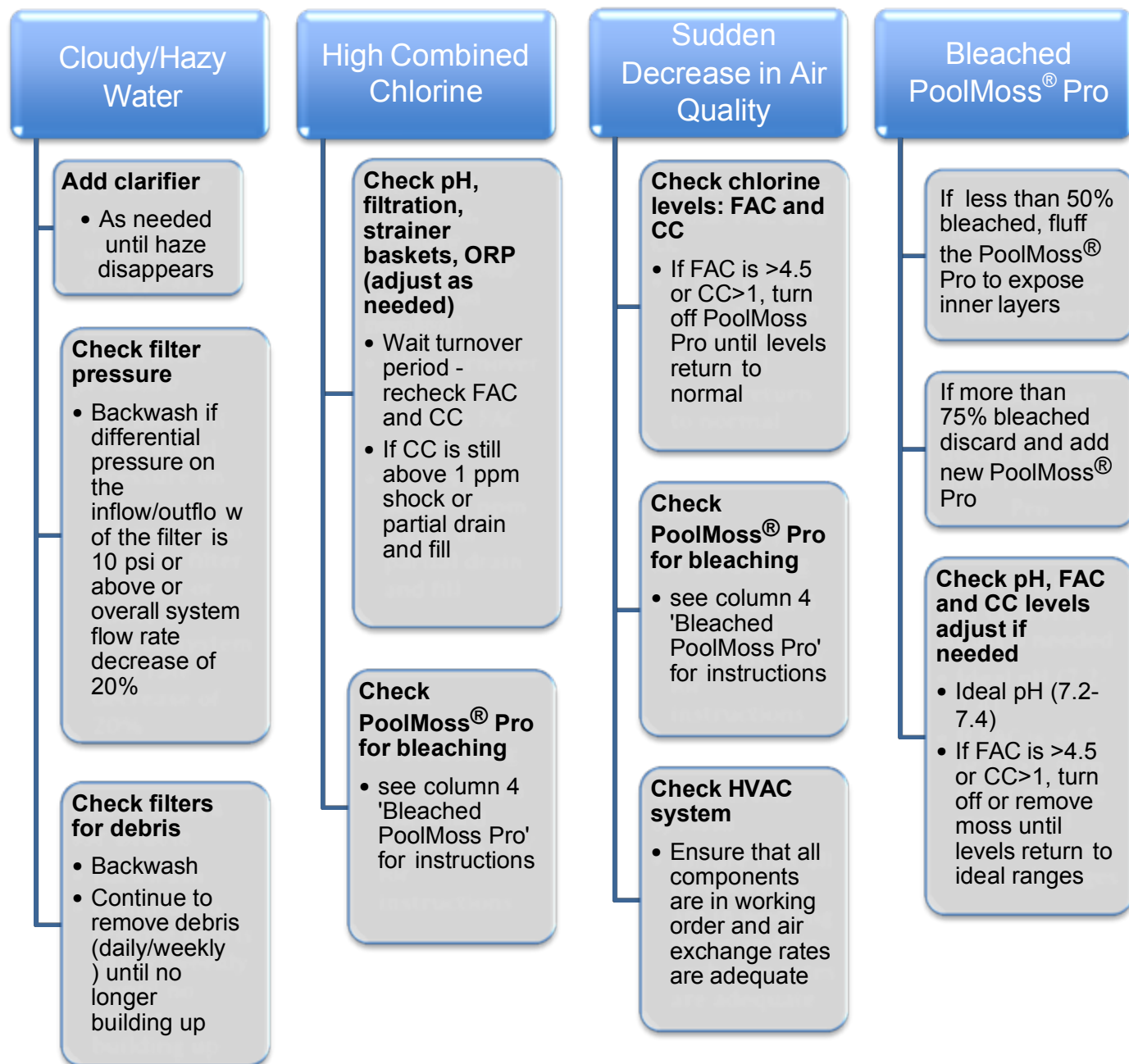
## PoolMoss® Pro

- Remove PoolMoss® Pro if FAC is 5 ppm or over
- Check PoolMoss® Pro weekly, fluff it up and rotate it if in CC-STL or CC-ST5
- PoolMoss® Pro may get bleached if FAC or combined chlorine are high for long periods of time
- Change PoolMoss® Pro monthly

# Remove PoolMoss® Pro from pool water if FAC is greater than 5.0 ppm

POOLMOSS® PRO SYSTEM OPERATOR GUIDE		
IF FREE AVAILABLE CHLORINE (FAC) READS	THEN CHANGE ORP SETPOINT	POOLMOSS® PRO CONTACT CHAMBER
0.0 PPM	20 points above current ORP	Inside Surge Tank
0.5 PPM	15 points above current ORP	Inside Surge Tank
1.0 PPM	10 points above current ORP	Inside Surge Tank
1.5 PPM	5 points above current ORP	Inside Surge Tank
2.0 PPM	Setpoint is the same as current ORP	Inside Surge Tank
2.5 PPM	5 points below current ORP	Inside Surge Tank
3.0 PPM	10 points below current ORP	Inside Surge Tank
3.5 PPM	15 points below current ORP	Inside Surge Tank
4.0 PPM	20 points below current ORP	Inside Surge Tank
4.5 PPM	25 points below current ORP	Inside Surge Tank
5.0 PPM	30 points below current ORP	Remove from Surge Tank
5.5 PPM	Thiosulphate correction and retest required	Remove from Surge Tank
Recommendations are based on a pH of 7.2-7.4 prior to ORP adjustment		

# PoolMoss® Pro Troubleshooting



# Creative Water Solutions

## Contact Information

### Creative Water Solutions

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