

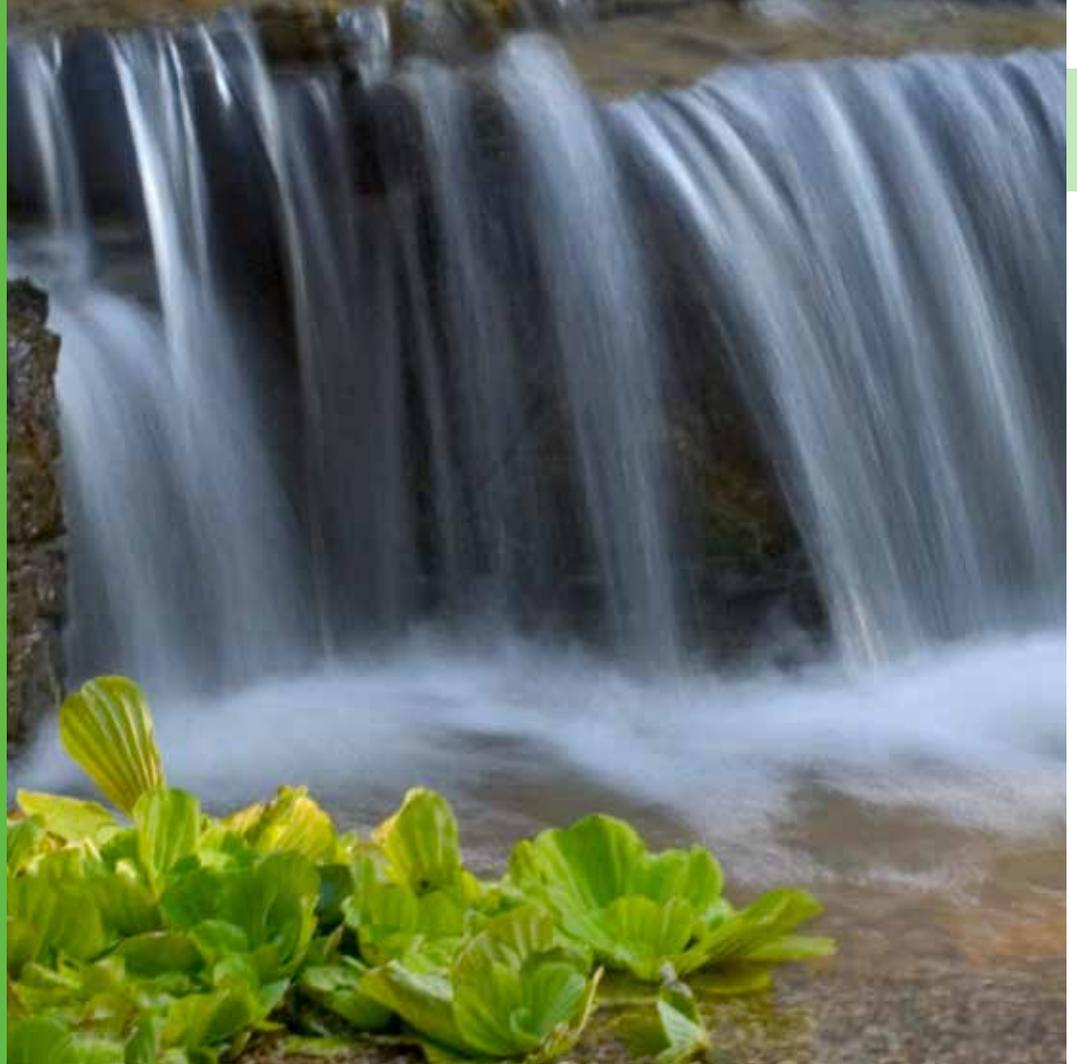


# Your Backyard Waterfall

**OWNER'S MANUAL**



**WELCOME**



# Welcome to the Aquascape Lifestyle!

Congratulations on your new purchase and welcome to Living the Aquascape Lifestyle®! This owner's manual provides information and resources to help you be successful with your new waterfall. My passion for water features developed at a young age, and I would like for you to experience the joy that water features provide. Today more than ever, people need a place where they can escape the stress of the day to unwind. Your new waterfall is the perfect place to kick back, relax, and enjoy the nature in your own backyard. Our helpful manual provides information to ensure your understanding of your new waterfall, while providing useful resources.

Enjoy your new waterfall!

*Greg Wittstock  
"The Pond Guy"*

Greg Wittstock,  
The Pond Guy



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# How Smart Is Your Waterfall?

Control, schedule, and monitor your pond, waterfall, or fountain with Aquascape smart control products.

## It's Easy As 1-2-3

1. **Download** the Aquascape Smart Control App to your smartphone or tablet
2. **Control** and schedule lights, pumps, fountains, and more
3. **Monitor** your water temperature, power consumption, and devices, in real-time from anywhere in the world



[AQUASCAPEINC.COM/SMART-CONTROL-APP](https://www.aquascapeinc.com/smart-control-app)



As you begin this journey with your new waterfall, we would like to be there for you every step of the way, providing assistance whenever necessary. Our educational resources are here to support you and guide you through the process.



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**Greg Wittstock, The Pond Guy Vlog**

[youtube.com/gregwittstockthepondguy](https://youtube.com/gregwittstockthepondguy)



**TEAM Aquascape Vlog**

[youtube.com/TEAMAquascape](https://youtube.com/TEAMAquascape)



**Ed The Pond Professor Vlog**

[youtube.com/edthepondprofessor](https://youtube.com/edthepondprofessor)

# The Backyard Waterfall

As the new owner of a beautiful waterfall, it's beneficial to understand exactly how the components of your water feature work together. The following section explores each aspect of your waterfall, explaining the process and benefits associated with your system.

## HOW IT WORKS

- 1 WATERFALL SPILLWAY
- 2 AQUABASIN® 45
- 3 AQUASURGE® 2000 POND PUMP
- 4 FLEXIBLE PVC PIPE
- 5 AQUASURGE® LOW SUCTION INTAKE ATTACHMENT
- 6 LINER AND UNDERLAYMENT



## 1 Waterfall Spillway

The [Waterfall Spillway](#) allows you to create the starting point of your waterfall or stream, providing leak-free and smooth water flow. Incoming water is diffused over the width of the spillway opening, creating a consistent stream of water.



## 2 AquaBasin® 45

The [AquaBasin 45](#) acts as the underground water reservoir for your waterfall. The large pump access panel makes it easy to access the pump or check the water level when needed.



See instructions for a full list of products included with your kit.

☎ US (866) 877-6637 | ☎ CAN (866) 766-3426

### 3 AquaSurge® 2000 Pond Pump

Your [recirculating pump](#), located inside the AquaBasin, provides energy-efficient water circulation for your waterfall. Keeping your pump running constantly maximizes oxygen levels, keeps your waterfall clean, and supports aerobic bacteria.



### 4 Flexible PVC Pipe

The [pipe](#) included in your kit allows you to recirculate the water in your feature, taking the water from the AquaBasin to the Waterfall Spillway.



See instructions for a full list of products included with your kit.

## 5 AquaSurge® Low Suction Intake Attachment

[This attachment](#) connects to the intake of the pump, maximizing the amount of usable water in the AquaBasin while preventing pump damage.



## 6 Liner and Underlayment

[45 mil EPDM Liner](#) retains the water in your new feature and is backed by a 20-year guarantee. The [Non-Woven Geotextile Underlayment](#) is used to protect the liner from rocks, roots, and other sharp objects that may damage the liner.



See instructions for a full list of products included with your kit.

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## WATER TREATMENTS

- WHY WATER TREATMENTS?
- THE AUTOMATIC DOSING SYSTEM
  - PREVENT
  - CLEAN
- FOUNTAIN MAINTENANCE
- SAB STREAM & POND CLEANER
- IONGEN™ SYSTEM G2

## Why Water Treatments?

Adding water treatments on a regular basis keeps your water feature clean and healthy, and the Aquascape line of products makes the task easy and manageable. While many water treatments are only used as needed, we recommend a few products that should be used regularly throughout the season.

### The Automatic Dosing System

The [Aquascape Automatic Dosing System for Fountains](#) automatically adds water treatments to your waterfall, eliminating the guesswork and routine of adding them manually. In order to maintain optimum water quality, water treatments should be added consistently on a regular basis. The Automatic Dosing System accurately and consistently applies your choice of specially-formulated Aquascape water treatments, providing ideal water conditions. A choice of two treatments provides waterfall owners with options for a variety of situations. The fully programmable control panel is easy to use and allows the system to be adjusted to suit your waterfall, automatically adding the correct amount of treatment.



## Prevent

The [Prevent treatment](#) helps prevent stains, scale, and unsightly water conditions in your waterfall. This treatment option keeps your new waterfall looking as beautiful as the day it was installed. When you first install your waterfall, use the Prevent treatment in the Automatic Dosing System. This is the treatment that will be most used with your feature.

*For use with the Automatic Dosing System. Also available in a manual application pump-top bottle.*

*Not safe for fish and plants.*



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## Clean

The [Clean treatment](#) removes existing surface debris from your water feature. This treatment option makes cleaning your waterfall quick and easy. To use, replace the Prevent pouch with the Clean pouch until your waterfall is clean. Once debris is eliminated, replace the Clean pouch with the Prevent treatment.

*For use with the Automatic Dosing System. Also available in a manual application pump-top bottle.*

*Safe for fish and plants.*



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## Fountain Maintenance

[Aquascape Fountain Maintenance](#) safely eliminates scale and debris that may build up in your water feature, helping to maintain the beauty of your waterfall or fountain and establish ideal water quality. Aquascape Fountain Maintenance also prevents white scale build-up without damaging the feature, keeping your waterfall or fountain fresh and clean.

*Safe for animals.*

## SAB Stream & Pond Cleaner

[Aquascape SAB Stream & Pond Cleaner](#) provides clean and clear water conditions with a combination of concentrated beneficial bacteria and enzymes. The powerful combination of strong natural cleaners breaks down organic debris and maintains a biological balance in your feature while the phosphate binder prevents water quality issues. SAB also helps reduce ammonia and nitrite in the feature.



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## IonGen™ System G2

The IonGen™ System G2 effectively removes debris without the use of traditional liquid chemicals. It is designed with a microprocessor that sends a signal to its ion-producing probe, helping to control debris throughout the entire water feature.



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## KEEP IT LOOKING BEAUTIFUL

- SEASONAL TIPS
- SPRING
- SUMMER
- FALL
- WINTER

# Seasonal Tips

Even though your waterfall is extremely low maintenance, you can take certain steps throughout the year to ensure a healthy water feature. With each season comes environmental changes including debris load, temperature fluctuations, and precipitation. Our seasonal tips help you optimize your waterfall throughout the year and provide ideal water conditions in the spring, summer, fall, and winter.

## Spring

Spring is an important time to get your water feature ready for the entire year. If the feature was not shut down for the winter, we recommend cleaning the waterfall and removing any debris from the previous year. If the waterfall was shut down for the winter season, the pump needs to be re-installed and the basin re-filled. Prior to re-filling the basin, remove any accessible debris from the surface of the feature.



## Summer

Summer is most likely the season when you will spend the majority of time with your waterfall; fortunately, summer maintenance is minimal. We recommend pulling excess debris from the waterfall to keep it clean throughout the season. Depending on your location, hot summer days can increase the rate of evaporation. You may need to top off the waterfall basin occasionally with fresh water.



## Fall

Excess debris like fallen leaves and sticks can lead to issues with water clarity and quality during the fall months. Use your hands or a small net to remove any accessible debris throughout the season. In areas where high levels of debris are common, we recommend temporarily covering the surface of your waterfall with [Aquascape Protective Pond Netting](#). This prevents large amounts of debris from ever reaching the feature. Completing these maintenance steps keeps your waterfall looking beautiful as you approach winter.



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## Winter

Your water feature can be extremely beautiful throughout the winter season! Fortunately, winter maintenance is minimal. If you intend to run your waterfall through the winter, you need to keep your pump running. If your waterfall contains a shallow area or stream, we recommend checking throughout the season to eliminate ice damming. If you decide against running the pump through the winter, we recommend pulling the pump and storing it in a frost-free location.



# ENHANCE

- ENHANCEMENTS
- FAUX DRIFTWOOD
- AQUASCAPE LED LIGHTING
  - LED COLOR-CHANGING LIGHTS
  - GARDEN AND POND LED LIGHTS
  - PATH AND AREA LED LANDSCAPE LIGHTS

## Enhancements

Many waterfall owners continue to make improvements to their water feature as it matures, enhancing it in countless ways. This allows for an incredible outlet of creativity, as you are able to express yourself through the natural beauty of your waterfall. Both aesthetic and functional additions further transform your outdoor space into a true aquatic paradise.

### Faux Driftwood

Our sturdy and realistic [Faux Driftwood](#) can be used in a variety of ways. Add a piece at the top of your waterfall to conceal the spillway. Or add one to the waterfall itself for added, natural interest. Many people use the Faux Driftwood in the landscaping surrounding the waterfall, too. The driftwood is available in lengths of 30 and 35 inches.



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## Aquascape LED Lighting

Did you know? In addition to pond and waterfall lights, Aquascape offers path and area lights too. When you combine underwater lighting with landscape lighting, you create a special ambiance to enjoy by your water feature during the evening hours. [Aquascape LED lighting fixtures](#) are extremely energy efficient, minimizing energy costs and providing a 90% savings over comparable halogen lighting.

## LED Color-Changing Lights

Take your nighttime enjoyment one step further when you add [color-changing lights](#) to your water feature. Our complete line of color-changing lights and accessories provides energy-efficient, easy-to-install, professional-grade lighting for any application. Color-changing diodes provide an impressive range of high-output color options. White diodes provide a true white when desired.



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## Garden and Pond LED Lights

Add new or additional lighting to your water feature to bring it to life at night. [Aquascape LED Garden and Pond Lighting](#) is extremely energy efficient and allows you to create a beautiful nighttime water garden experience. Several LED lighting options are available, including waterfall lights and spotlights of several power options.



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## Path and Area LED Landscape Lights

[Aquascape Path and Area Landscape Lights](#) make it easy to illuminate any landscape or outdoor area. These energy-efficient LED lights provide beauty, safety, charm, and visibility in any residential or commercial space, enhancing driveways, garden paths, plant beds, and areas surrounding waterfalls, ponds, and fountains.



## Frequently Asked Questions

Following are four frequently asked questions with answers provided by Aquascape experts. If you have additional questions, please visit [support.aquascapeinc.com](http://support.aquascapeinc.com) or call us at US (866) 877-6637 or CAN (866) 877-3426. We are happy to help you with any questions or concerns.

### **Should I run my pump 24/7?**

Yes, it is highly recommended that you run your waterfall pump 24 hours a day. This optimizes the health of your new water feature. Keeping your pump running constantly maximizes oxygen levels, maintains proper filtration, and supports aerobic bacteria. Each of these factors is crucial to the health of your ecosystem. One of the reasons new water feature owners are hesitant to run their pumps 24/7 is because they are concerned about the costs associated with constant recirculation. Fortunately, Aquascape pumps are very energy efficient, allowing you to run your pumps economically.

### **Is there a warranty on the components?**

Aquascape water gardening products carry some of the best warranties in the industry, and many of the products included in your waterfall kit do have warranties. Our pumps have warranties that last from two to three years after the purchase of the kit. For more information about warranties associated with Aquascape products, refer to your instruction manual or visit [aquascapeinc.com](http://aquascapeinc.com).

## Can I run my waterfall year-round?

Running your pump consistently helps to maximize the health of your waterfall, keeping it cleaner throughout the year. Also, the ice formations that develop over your waterfall are extremely beautiful. If you intend to run the feature through a freezing winter, we recommend checking the feature to eliminate any ice damming in more shallow areas of the waterfall.

## How often should I add water?

You may need to top off your waterfall a couple of times throughout the season, depending on several factors. Evaporation and splash are the two largest contributors to water loss. During the summer months, evaporation is at its highest. Monitor your waterfall's water level by visually inspecting it by removing the AquaBasin pump access cover and looking inside the basin. If the water level gets below the pump intake, you will hear a suction noise, and you risk the potential for causing permanent damage to the pump. If the water level appears low, simply use a garden hose to top off the basin.



## **YOUR PARADISE. OUR PASSION.®**

Your paradise is truly our passion, and we're committed to making your water gardening experience enjoyable and stress-free. By choosing Aquascape, you can be sure you made the right decision.

The products included in your new waterfall kit carry some of the best warranties in the industry, and our helpful customer care department is prepared to assist and answer any potential questions you may have.

Rest easy knowing that we are the only water feature product manufacturer actually using and installing our products on a daily basis.