After 30 years in business Atlantic is rebranding! In response to the changes in the industry over the last thirty years, we are emphasizing ‘Atlantic’, because water features are not just ‘Water Gardens’ anymore. Since we began in 1988, the industry has undergone a huge expansion, as have we. Years ago, most installations were simple garden ponds in a corner of the back yard. Now, we see and lead the move towards pond-free features, fountains, hardscape features, lighting, aeration, even rainwater harvesting.

Our 2018 Catalog reflects the huge expansion of the industry, with over 100 pages of cutting-edge products and a larger technical section that puts essential installation and construction information right at your fingertips. And, for our 30th anniversary, it was time for a new look, with a new logo that reflects our chosen medium of water and our ever-expanding product line and market reach. What we’re not changing, of course, are the faces you know, the quality you expect and products you love. We hope you enjoy the new look as much as we do!

Sincerely,
The Atlantic Team

---

**TABLE OF CONTENTS**

For 2018 we have once again added features to make this Catalog a greater resource. Please refer to the key at the bottom of this page for symbols that indicate a video is available on our YouTube channel or the product is proudly Made in the USA. Color coded corners on every page reference the categories shown in the Table of Contents. Tables and charts list all relevant specifications, while bullets explain what the product does and list its features. Finally, we expanded the technical information section in the back of the Catalog to provide more information on specification and installation. We hope you find it useful.

<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>FOUNTAIN</td>
</tr>
<tr>
<td>12</td>
<td>FORMAL SPILLWAYS</td>
</tr>
<tr>
<td>24</td>
<td>POND-FREE</td>
</tr>
<tr>
<td>32</td>
<td>WATER GARDEN</td>
</tr>
<tr>
<td>42</td>
<td>PUMPS</td>
</tr>
<tr>
<td>54</td>
<td>INSTALLATION</td>
</tr>
<tr>
<td>60</td>
<td>LIGHTING</td>
</tr>
<tr>
<td>70</td>
<td>MAINTENANCE</td>
</tr>
<tr>
<td>80</td>
<td>POND &amp; LAKE</td>
</tr>
<tr>
<td>92</td>
<td>RAIN HARVESTING</td>
</tr>
<tr>
<td>98</td>
<td>TECHNICAL DATA &amp; POP</td>
</tr>
</tbody>
</table>

---

**Video available on our YouTube channel.**

**Products proudly manufactured in the United States.**
Atlantic Water Gardens University is your online home for water feature education. Start with the College of Construction then move on to Pumps, Filtration and Biology for solid, non-biased, valuable information from professionals that have years of experience in the field. When you finish each section, take the course exam to test your knowledge and earn your Atlantic Water Gardens University Certificate of Completion.

Atlantic’s Professional Contractor Program has added exciting new benefits this year including the Warranty Extension Program and the APC First Look Program. Starting January 1, 2017 all products purchased by APCs in good standing will receive a one-year warranty extension, another great reason for homeowners to hire their local APC for their next water feature project! The APC First Look Program presents Atlantic’s new offerings to APCs first, before anyone else. Contractors, contact your local Atlantic Distributor Consultant (ADC) to learn more.

Follow us on all of our social media accounts to stay in the loop for all news Atlantic. We feature tech tips, inspirational photos, special announcements, behind-the-scenes, and everything water features.
Atlantic's Fountain System is the easiest, fastest and strongest way to build a water feature. Heavy-duty components make setting, plumbing and running your feature simple. All components are designed to work together to beautify any landscape. With systems that will handle any size, any shape and any load, the only limit is your imagination!

THE PERFECT COMPLEMENT TO ANY LANDSCAPE

- Systems can be installed in hardscapes or landscapes, in-ground or above-ground, indoors or outdoors for maximum versatility
- Fountain Basins with integrated internal supports handle more weight with greater stability
- The Triton 3-Way Diverter makes plumbing and flow control of multiple fountain pieces simple and easy
- Topside plumbing and tubing channels allow for above water installation and adjustment, no need to get wet
- Eco-Rise systems with Atlantic’s Eco-Blox modular reservoirs support any weight, any size and any number of decorative elements in any configuration

1. Molded as one piece, support cones from the bottom of the basins are fused to the flat top panel, integrating the two planes for exceptional strength.
2. Large access door makes pump installation and maintenance easy.
3. Complete plumbing kits for decorative items include flow controls and pump connections for FP, MD, TW and TT Pumps.
4. The Triton 3-Way Diverter features a 1½" inlet for unrestricted flow to three ¾" outlets. True ‘ball’ style valves with removable handles enable independent flow adjustments to each outlet without moving the decorative gravel.
5. Built-in channels allow the plumbing to run on top of the basin, simplifying installation and adjustments.
6. Recesses allow 1½” conduit to be installed within the radius of the basin, providing easy access to the pump cord and lighting wires when the basin is installed. 1½” cord stoppers are supplied with all Fountain Basin Plumbing Kits.
7. The ability to install and access an Auto Fill Valve eliminates the need to manually add water to the system.
8. Pair Atlantic SOL Warm White and Color Changing Lighting with Fountain Systems to add dramatic appeal after dark.

www.ATLANTICWATERGARDENS.com
**FOUNTAIN BASINS**

- Fountain Basins provide concealed water storage and support for decorative water features.
- Atlantic Fountain Basins are the easiest way to add a water feature to your landscape even for the novice installer.
- Quickly installed at, above or below grade in landscapes or hardscapes.

**MODEL LIST DIMENSIONS MAX PUMP FLOW PLUMBING SIZE CAPACITY SUPPORTS UP TO WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>dimensions</th>
<th>max pump flow</th>
<th>plumbing size</th>
<th>capacity</th>
<th>supports up to</th>
<th>warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB2400</td>
<td>$162.99</td>
<td>24”W x 24”D x 10”H</td>
<td>750 gph</td>
<td>up to 1”</td>
<td>20 gallons</td>
<td>200 lbs.</td>
<td>lifetime</td>
</tr>
<tr>
<td>FB3200</td>
<td>$300.99</td>
<td>32”W x 13”H</td>
<td>2,000 gph</td>
<td>(3) ¾” or (1) 1”</td>
<td>32 gallons</td>
<td>400 lbs.</td>
<td>lifetime</td>
</tr>
<tr>
<td>FB4600</td>
<td>$426.99</td>
<td>46”W x 13”H</td>
<td>4,000 gph</td>
<td>(3) 1½” or (1) 1¼”</td>
<td>87 gallons</td>
<td>1200 lbs.</td>
<td>lifetime</td>
</tr>
</tbody>
</table>

**FOUNTAIN BASIN FEATURES:**

1. One-piece construction provides exceptional strength.
2. Built-in channels simplify installation, allowing the plumbing to be run on top of the basin.
3. Molded cones support the top panel.
4. Recessed pocket accepts Triton 3-Way Diverter (FB4600 only).
5. Adjusting the water flow to multiple pieces has never been easier.
6. 1½” conduit recesses allow for clean installation in surrounding masonry without notching.
7. Flat panel for optional AF1000 Auto Fill installation.

![Model FB4600 shown](image)

**TB3DIVERTER**

- The Triton 3-Way Diverter works with the FB4600 Fountain Basin to provide individual flow control to multiple fountain pieces without having to access the pump inside the pump chamber.

- The compact design makes it a perfect fit for installation in Pump Vaults and Fountain Basins.

**PLUMBING KITS**

- Kits include everything needed, from valves to fittings, reducing installation time.
- Matching components work with TidalWave Pumps and Fountain Basins to eliminate compatibility concerns.
- Kits include sealing strips for ¾” PVC standpipes to eliminate the need to drill large holes for bulkheads in ceramic vases.

**MODEL LIST FOR USE WITH VALUE KINK-FREE Fitting STANDPIPE SEALANT FITTINGS CORD STOPPER WARRANTY**

<table>
<thead>
<tr>
<th>Model</th>
<th>LIST</th>
<th>FOR USE WITH</th>
<th>VALUE</th>
<th>KINK-FREE HOSE</th>
<th>STANDPIPE SEALANT</th>
<th>FITTINGS</th>
<th>CORD STOPPER</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBKIT1</td>
<td>$66.99</td>
<td>FP200 - 500 &amp; MD200 - 750</td>
<td>Single</td>
<td>½” insert x 1¼” socket</td>
<td>1¼” for conduit sleeve</td>
<td>(1) strip</td>
<td>1-year</td>
<td></td>
</tr>
<tr>
<td>FBKIT3</td>
<td>$157.99</td>
<td>MD200 - 500 &amp; TB1500 - 5000</td>
<td>Triton 3-Way Diverter</td>
<td>20’</td>
<td>(3) strips</td>
<td>(2) ½” insert x 1½” socket</td>
<td>1-year</td>
<td></td>
</tr>
</tbody>
</table>
### Atlantic's Color Changing Vase Fountain Kit

- Bubbling fountain with attractive granite finish during the day, glows with brilliant color at night
- Color Changing LED Light Ring with 48 colors and 18 preset modes illuminates fountain from within
- Includes Color Changing Control Module, remote control and transformer
- Integrated anchor base for increased stability
- Sturdy rotomolded polyethylene construction for durability
- Sold individually or as a 3-piece Vase Set for greater design flexibility

**MODEL** | **LIST** | **DESCRIPTION** | **BASIN** | **FOUNTAIN** | **PUMP** | **WARRANTY**
--- | --- | --- | --- | --- | --- | ---
FTN CCV18 | $241.99 | Color Changing Vase Fountain Kit | FB2400 | FP200 | FBKIT1 | 5-year
FTN CCV24 | $272.99 | Color Changing Vase | FB3200 | FP500 | FBKIT1 | 5-year
FTN CCV32 | $314.99 | Color Changing Vase | FB3200 | FP400 | FBKIT1 | 5-year
FTN CCVX3 | $703.99 | (3) Color Changing Vase | -- | -- | FBKIT3 | 5-year

### ECO-Rise System

- Atlantic's innovative weight distribution ring with plumbing and lighting ports supports fountain pieces directly on Eco-Blox reservoirs
- The Eco-Rise System solves weight and splash limitations of traditional molded fountain basins with a weight capacity up to 3,000 pounds per Eco-Rise
- The extremely strong radial structure of the Eco-Rise distributes the weight of heavier statuary, vases and columns
- Plumb and illuminate any size, number or configuration of decorative fountain pieces

**MODEL** | **LIST** | **DIMENSIONS** | **PLUMBING SIZE** | **MAX LOAD** | **WARRANTY**
--- | --- | --- | --- | --- | ---
ECORISE20 | $101.99 | 20"W x 20"D x 17"H | ¾" to 1½" | 3,000 lbs. | Lifetime

**Create reservoirs of practically any size, shape or volume, supporting any number of decorative items, with complete adjustability**

- Minimal friction between Eco-Blox and the Eco-Rise and excellent weight distribution over the vertical support panels allow even the heaviest features to be adjusted with little effort

- The Eco-Rise ports allow you to plumb, illuminate and adjust decorative stone or statuary of any size or weight, even while running

- Each PV1700 Pump Vault accommodates up to two pumps and two 3-Way diverters to drive up to six decorative features

- Additional Pump Vaults can be installed for virtually limitless possibilities

- Easily adaptable for rain water harvesting and storm water management
FORMAL SPILLWAYS

Atlantic’s Formal Spillway System takes the guesswork out of adding water to your landscape or hardscape. Minimal noise and splash make this system ideal for indoor applications. Convenient Basin Kits include everything needed for installation, saving time and money. All components are matched for perfect performance every time.

THE PERFECT COMPLEMENT TO ANY HARDSCAPE

- Double filter mats keep debris out of the system, eliminating time consuming cleanouts
- Basin Kits require no guesswork for installation and accommodate four spillway options
- Dimensions of basins work well with all engineered stone systems
- High efficiency pumps and top quality components keep cost of operation minimal
- Water flow is adjustable to achieve the perfect effect regardless of location
- The rigid basins are completely weatherproof and carry a lifetime warranty

1. Formal Spillway Basins are seamless, leak-proof and molded in sizes that complement most modular wall and paving systems, for easy installation and minimal cutting.
2. Built-in recesses route all the plumbing beneath the basin, including Auto Fill feed lines and low voltage wiring for accent lighting.
3. Basin Kits include all plumbing and fittings needed for installation, with a single union ball valve for easy pump removal and adjustment of water flow to the spillway.
4. All plumbing is contained inside the perimeter of the basin, allowing retaining wall blocks to surround the basin with no notching or cutting.
5. Internal Matala mat prevents any debris from entering the pump and spillway, filtering the water and diffusing turbulence for even water flow from the spillway.
6. Large pump chamber accommodates the appropriate TidalWave pump with room for the installation of an Auto Fill Valve.
8. Atlantic Splash Rings keep stones in place and splash at bay as effectively as our Splash Mats, but with the appeal of steel and copper. Add an LED light ring under the mesh to illuminate the falls from below.

www.ATLANTICWATERGARDENS.com
WALL SPOUTS

- Wall Spouts are easy and elegant way to add the sight and sound of water to vertical surfaces
- Wall Spouts are great for smaller outdoor areas or a perfect complement to larger spillways
- Solid brass fixtures add a captivating focal point to both traditional and contemporary walls and patios

Choose from four architectural designs with oil rubbed bronze finish to fit any style
- Integrated drip edge to eliminate backflow down the wall
- For use with Formal Spillway and Flexible Hardscape Basins

MODEL LIST DESCRIPTION FLOW RATE PROJECTION INLET DIMENSIONS WARRANTY

MODEL: WSM-S
$167.99 Mantova 600 gph 14 - 16" at 18"H & 600 gph 5" x 4½" x 5½" 3-year

MODEL: WSR-O
$167.99 Ravenna 600 gph 14 - 16" at 18"H & 600 gph 5" x 5½" x 6½" 3-year

MODEL: WSV-S
$167.99 Verona 600 gph 14 - 16" at 18"H & 600 gph 7" x 4½" x 7½" 3-year

MODEL: WSO-O
$167.99 Olivett 600 gph 14 - 16" at 18"H & 600 gph 6" x 4½" x 5½" 3-year

COLORFALLS

- Colorfalls produce a sheer of lighted water emerging from a concealed source inside vertical walls
- Colorfalls adapt to any wall material - pavers, tile, brick, stone, wood - the only limit is your imagination
- Replaceable LED light bar available in three vibrant colors
- Colorfalls feature a 5" lip, 30' power cord and includes a 12 volt outdoor transformer
- For use with Formal Spillway Basins and Basin Kits

MODEL LIST FLOW RATE PROJECTION INPUT VOLTAGE WATTS INLET DIMENSIONS WARRANTY

MODEL: CF12
$186.99 1,000 gph 15 - 15" at 18"H & 1,000 gph (Rec. Height: 20" max.) 12 volt AC 5 1½" FIPT 12 W x 8 D x 3½ H 1-year

MODEL: CF24
$280.99 2,000 gph 15 - 15" at 18"H & 2,000 gph (Rec. Height: 30" max.) 12 volt AC 6 1½" FIPT 24 W x 8 D x 3½ H 1-year

MODEL: CF36
$364.99 3,000 gph 15 - 15" at 18"H & 3,000 gph (Rec. Height: 40" max.) 12 volt AC 9 1½" FIPT 36 W x 8 D x 3½ H 1-year

DID YOU KNOW?

It’s easy to add the dimension of light to our solid brass Wall Spouts! These unique fixtures install inside the plumbing and light the water flowing past them. Available in your choice of Warm White or Color Changing, on pages 63 & 67.

3 VIBRANT COLORS

ReFresh Colorfalls & Fountain Treatment on page 74.
MODEL: CC06
- Designed to install easily in any wall, indoors or out, whether stone, brick, block, stucco, tile or wood
- Atlantic’s Color Changing Colorfalls’ modular body style offers multiple inlets for maximum plumbing flexibility
- Generous weir openings resist clogging and create a thicker, fuller sheer for extra color and less wind deflection
- Colorfalls feature a 5" lip, 20' power cord and includes Color Changing Control Module, remote control and outdoor transformer
- For use with Formal Spillway Basins and Basin Kits

MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST PRICE</th>
<th>FLOW RATE</th>
<th>PROJECTION</th>
<th>INPUT VOLTAGE</th>
<th>WATTS</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC06</td>
<td>$241.99</td>
<td>600 gph</td>
<td>8 - 10&quot; at 18&quot;H &amp; 600 gph (Rec. Height: 20&quot; max.)</td>
<td>12 volt DC</td>
<td>3-5 variable 1½&quot; FIPT</td>
<td>8&quot;W x 8&quot;D x 3½&quot;H</td>
<td>1-year</td>
<td></td>
</tr>
<tr>
<td>CC12</td>
<td>$285.99</td>
<td>1,200 gph</td>
<td>8 - 10&quot; at 18&quot;H &amp; 1,200 gph (Rec. Height: 20&quot; max.)</td>
<td>12 volt DC</td>
<td>2-5 variable 1½&quot; FIPT</td>
<td>8&quot;W x 8&quot;D x 3½&quot;H</td>
<td>1-year</td>
<td></td>
</tr>
<tr>
<td>CC24</td>
<td>$463.99</td>
<td>2,400 gph</td>
<td>8 - 10&quot; at 18&quot;H &amp; 4,400 gph (Rec. Height: 20&quot; max.)</td>
<td>12 volt DC</td>
<td>3-10 variable 1½&quot; FIPT</td>
<td>12&quot;W x 8&quot;D x 3½&quot;H</td>
<td>1-year</td>
<td></td>
</tr>
<tr>
<td>CC36</td>
<td>$587.99</td>
<td>3,600 gph</td>
<td>8 - 10&quot; at 18&quot;H &amp; 5,600 gph (Rec. Height: 40&quot; max.)</td>
<td>12 volt DC</td>
<td>5-15 variable 1½&quot; FIPT</td>
<td>18&quot;W x 8&quot;D x 3½&quot;H</td>
<td>1-year</td>
<td></td>
</tr>
</tbody>
</table>

CONTROL MODULE FEATURES:
- Weatherproof enclosure with external antenna
- 48 vibrant color options and 18 preset modes
- 2.4GHz RF frequency for increased range
- Touch remote with simplified functions
- Synchronize SOL Color Changing lighting with Colorfalls for brilliant nighttime effects

MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST PRICE</th>
<th>INPUT</th>
<th>OUTPUT</th>
<th>DIMENSIONS</th>
<th>TRANSFORMER</th>
<th>SPLITTERS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCCM05</td>
<td>$99.99</td>
<td>120 volt AC</td>
<td>12 volt AC / 60 watts</td>
<td>6&quot;L x 3½&quot;W x 1½&quot;H</td>
<td>60 watt</td>
<td>3-way / 6-way</td>
<td>1-year</td>
</tr>
</tbody>
</table>

COLOR CHANGING COLORFALLS FEATURES:
1. Large weir opening produces a thick sheer for less wind deflection, more color and less chance of clogging.
2. Redesigned internal lip supports eliminate splitting of the water sheer.
3. 1½" FIPT inlets on both sides and back for maximum plumbing options and versatility.
4. Includes (2) 1½" plugs for unused plumbing inlets.
5. Self-draining body for easy winterization.
6. Removable baffle for easy cleaning and servicing.
7. Color Changing LED light bar is accessible from the rear of the unit for servicing.
8. Removable back plate provides access to the interior and light bar for routine maintenance.
9. Threaded adapter with silicone O-rings to connect multiple Color Changing Colorfalls.

SOL Color Changing lighting shown on page 65-69.

Each Color Changing Colorfall includes a Control Module & Remote Control

Whether you want to create a single, seamless waterfall up to 15 feet wide, synchronize multiple Color Changing Colorfalls or link your SOL Color Changing Lights to your Colorfalls, the 60 watt CCCM05 Color Changing Colorfalls Wiring Kit makes connecting them all together simple. Just plug each component in, synchronize and control all with a single remote!
316 Stainless Steel Spillways

- 316 Stainless Steel Spillways enhance any vertical wall in the poolscapes, hardscapes and wherever chlorine is used as a disinfecting agent
- Modular design and convenient 4-inch height make Spillways ideal for garden wall block construction
- Readily adaptable to any vertical wall installation

- Built of heavy-gauge 316 stainless steel for durability you can count on under the harshest conditions
- Structural load bearing design allows for burial in masonry walls
- Non-clogging weir for open water basin installations and decreased maintenance

MODEL LIST DESCRIPTION FLOW RATE PROJECTION INLET DIMENSIONS WARRANTY
SS12-316 $296.99 12" 316 Stainless Steel Spillway 1,200 gph 9" - 10" at 18"H & 1,200 gph 1½" FIPT 12"W x 8½"D x 4"H 3-year
SS24-316 $432.99 24" 316 Stainless Steel Spillway 2,400 gph 9" - 10" at 18"H & 2,400 gph 1½" FIPT 24"W x 8½"D x 4"H 3-year
SS36-316 $630.99 36" 316 Stainless Steel Spillway 3,600 gph 9" - 10" at 18"H & 3,600 gph 1½" FIPT 36"W x 8½"D x 4"H 3-year

304 Stainless Steel Spillways

- 304 Stainless Steel Spillways provide an enticing and durable focal point for fresh water applications in the hardscape
- Atlantic Spillways replace 4-inch wall blocks for easy and convenient installation in garden wall block construction
- Enhances any vertical wall installation

- Heavy-gauge construction from 304 stainless steel for ageless durability
- Load bearing body design for trouble free installation
- Non-clogging weir for open water basin installations and decreased maintenance

MODEL LIST DESCRIPTION FLOW RATE PROJECTION INLET DIMENSIONS WARRANTY
SS12 $209.99 12" 304 Stainless Steel Spillway 1,200 gph 9" - 10" at 18"H & 1,200 gph 1½" FIPT 12"W x 8½"D x 4"H 3-year
CS12 $259.99 12" 304 Copper Finish Spillway 1,200 gph 9" - 10" at 18"H & 1,200 gph 1½" FIPT 12"W x 8½"D x 4"H 3-year
SS24 $308.99 24" 304 Stainless Steel Spillway 2,400 gph 9" - 10" at 18"H & 2,400 gph 1½" FIPT 24"W x 8½"D x 4"H 3-year
CS24 $390.99 24" 304 Copper Finish Spillway 2,400 gph 9" - 10" at 18"H & 2,400 gph 1½" FIPT 24"W x 8½"D x 4"H 3-year
SS36 $432.99 36" 304 Stainless Steel Spillway 3,600 gph 9" - 10" at 18"H & 3,600 gph 1½" FIPT 36"W x 8½"D x 4"H 3-year
CS36 $526.99 36" 304 Copper Finish Spillway 3,600 gph 9" - 10" at 18"H & 3,600 gph 1½" FIPT 36"W x 8½"D x 4"H 3-year

316 Stainless Steel Spillways

- 316 Stainless Steel Spillways were specifically designed for use with chlorinated water. 316 stainless is much more resistant to corrosion than 304 stainless steel. Atlantic’s new 316 Stainless Steel Spillways feature an integrated grounding lug for use in bonded systems.
**WATER WALL SPILLWAYS**

- Vertically oriented spillway simplifies the construction of water walls, weeping wall and rain curtains
- Revolutionary concept of spillway as a decorative focal point eliminates the need for valances
- Heavy-gauge 316 stainless steel construction ensures durability under even the harshest conditions

**MODEL LIST**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>FLOW RATE</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWS24-316</td>
<td>$308.99</td>
<td>24&quot; Stainless Steel Water Wall Spillway</td>
<td>Smooth Surfaces – 750-1500 gph, Rough Surfaces – 1500-3000 gph</td>
<td>1½” FIPT</td>
<td>24&quot; W x 5½&quot; D x 3½” H</td>
<td>3-year</td>
</tr>
<tr>
<td>CW24-316</td>
<td>$390.99</td>
<td>24&quot; Copper Finish Water Wall Spillway</td>
<td>Smooth Surfaces – 750-1500 gph, Rough Surfaces – 1500-3000 gph</td>
<td>1½” FIPT</td>
<td>24&quot; W x 5½&quot; D x 3½” H</td>
<td>3-year</td>
</tr>
</tbody>
</table>

**SPASH RINGS**

- Formal Spillways are typically installed in small recirculating systems where controlling water loss is crucial
- Splash Rings eliminate splash and reduce evaporation, prolonging time between fill ups
- Installed on the top of the basin, Splash Rings add a finished, architectural accent to Colorfalls, Wall Spout and Spillway displays

**MODEL LIST**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>FOR USE WITH</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFSR12</td>
<td>$167.99</td>
<td>Stainless Steel Splash Ring for 12&quot; Spillways</td>
<td>CFBASIN12</td>
<td>18&quot; W x 8&quot; D x 1½” H</td>
<td>3-year</td>
</tr>
<tr>
<td>CF12</td>
<td>$207.99</td>
<td>Copper Finish Splash Ring for 12&quot; Spillways</td>
<td>CFBASIN12</td>
<td>18&quot; W x 8&quot; D x 1½” H</td>
<td>3-year</td>
</tr>
<tr>
<td>CFSR24</td>
<td>$241.99</td>
<td>Stainless Steel Splash Ring for 24&quot; Spillways</td>
<td>CFBASIN24</td>
<td>28&quot; W x 8&quot; D x 1½” H</td>
<td>3-year</td>
</tr>
<tr>
<td>CF24</td>
<td>$301.99</td>
<td>Copper Finish Splash Ring for 24&quot; Spillways</td>
<td>CFBASIN24</td>
<td>28&quot; W x 8&quot; D x 1½” H</td>
<td>3-year</td>
</tr>
<tr>
<td>CFSR36</td>
<td>$308.99</td>
<td>Stainless Steel Splash Ring for 36&quot; Spillways</td>
<td>CFBASIN36</td>
<td>40&quot; W x 8½” D x 1½” H</td>
<td>3-year</td>
</tr>
<tr>
<td>CF36</td>
<td>$387.99</td>
<td>Copper Finish Splash Ring for 36&quot; Spillways</td>
<td>CFBASIN36</td>
<td>40&quot; W x 8½” D x 1½” H</td>
<td>3-year</td>
</tr>
</tbody>
</table>

**NEW!**

**DID YOU KNOW?**

A new concept in water wall design, Atlantic’s Waterwall Spillways eliminate the need for valances with an attractive stainless steel or copper finish that can be left visible, simplifying installation. Modular vertical spillways create water walls, weeping walls and rain curtains of any width in 24-inch increments, with seamless water flow between units.
**FLEXIBLE Hardscape Basins**

- For those applications that require an open basin, Atlantic’s Flexible Basins are the easiest way to waterproof your block installation.
- Unlike improvised EPDM liner basins, welded corner construction eliminates folds and wrinkles for a neat professional appearance.
- Reinforced PVC construction with fold out flaps to anchor liner under capstones for security and durability.

Baseline specifications:
- Basins are available in tan, grey and black to complement any surround up to eight-feet wide.
- Conveniently pre-punched, with backing plates and bulkheads to plumb submersible or external pumps.
- Perfect for Atlantic’s Spillway, Water Wall and Wall Spout installations.
- Open basins not recommended for use with Colorfalls.

**FLEXIBLE HARDSCAPE BASINS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>FOR USE WITH</th>
<th>DIMENSIONS</th>
<th>CAPACITY</th>
<th>BULKHEAD</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FF4216T</td>
<td>$349.99</td>
<td>Spillways, Water Wells &amp; Wall Spouts Only</td>
<td>4’W x 2’D x 1’H</td>
<td>80 gallons</td>
<td>1½” w/ Backing Plate</td>
<td>1-year</td>
</tr>
<tr>
<td>FF4216G</td>
<td>$440.99</td>
<td>Spillways, Water Wells &amp; Wall Spouts Only</td>
<td>6’W x 2’D x 1’H</td>
<td>120 gallons</td>
<td>1½” w/ Backing Plates</td>
<td>1-year</td>
</tr>
<tr>
<td>FF4216B</td>
<td>$495.99</td>
<td>Spillways, Water Wells &amp; Wall Spouts Only</td>
<td>8’W x 2’D x 1’H</td>
<td>160 gallons</td>
<td>1½” w/ Backing Plates</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**TECH TIP**

For best results, fill Flexible Basin with water before finishing off the surrounding walls with caps. You’ll be able to pull the flexible sides upwards and work out any wrinkles for the most attractive appearance before permanently attaching the top layer of wall blocks.

**COMPLETE BASIN KITS**

- The heart of Atlantic Formal Spillway Systems, Basin Kits provide everything you need to install Colorfalls, Water Walls and Spillways.
- Three sizes of self-contained basins, paired with pumps and plumbing accommodate 12”, 24” and 36”-inch Formal Spillways.
- Seamless installation with four-inch garden block.
- Basin Kits include basin, Splash Mat, pump, plumbing, PVC spray glue, adjustment valve and Auto Fill, all in one box.

**BASES & ACCESSORIES**

<table>
<thead>
<tr>
<th>MODEL LIST</th>
<th>DESCRIPTION</th>
<th>FOR USE WITH</th>
<th>DIMENSIONS</th>
<th>PUMP</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFSPMA12</td>
<td>Splash Mat</td>
<td>CFBASIN12</td>
<td>3’L x 3’W x 3’H/1’</td>
<td>CFBASIN12</td>
<td>1-year</td>
</tr>
<tr>
<td>CFSPMA24</td>
<td>Splash Mat</td>
<td>CFBASIN24</td>
<td>4’L x 4’W x 4’H/1’</td>
<td>CFBASIN24</td>
<td>1-year</td>
</tr>
<tr>
<td>CFSPMA36</td>
<td>Splash Mat</td>
<td>CFBASIN36</td>
<td>5’L x 5’W x 5’H/1’</td>
<td>CFBASIN36</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**BASINS & KITS**

- For best results, fill Flexible Basin with water before finishing off the surrounding walls with caps. You’ll be able to pull the flexible sides upwards and work out any wrinkles for the most attractive appearance before permanently attaching the top layer of wall blocks.

Want to use our basins but need a rectangular basin shape? Build your wallstones around the basin to whatever shape you wish, then fill the voids with pieces of foam board cut to fit. Cap with gravel to complete the custom basin.
POND-FREE

Atlantic’s Pond-free System makes below ground reservoir construction simpler, easier and more reliable. Sturdy Pump Vaults, Extensions and Eco-Blox create underground reservoirs that are stronger and safer than ever before. Above ground, FastFalls lead the industry with unmatched weight capacities and virtually leak-proof design. Innovative components make Atlantic’s family of Pond-free products the best ever built.

WATER FEATURES THAT CAPTIVATE AND ENTHRALL

- Strongest water matrix blocks, vaults and spillways in the industry for longevity and peace of mind
- Modular reservoir system accommodates water features of any size for the greatest versatility
- Kits with pre-matched components take the guesswork out of specifying water features
- FastFalls spillways with rear liner attachment eliminate leaks due to settling
- Pump Vaults have multiple drill points and outlet locations for the greatest number of installation options
- Eco-Blox can be built to create stacked assemblies for easier installation and deeper reservoirs

FastFalls “inside the liner” design and reinforced spillway lip prevents leaks and retains rock, gravel, soil or mulch to help blend seamlessly with the surrounding landscape.

One-piece liner flange and molded inserts ensure a watertight liner attachment every time.

Molded support cones and internal baffles give the FastFalls incredible strength and diffuse the water, ensuring consistent flow across the spillway.

Heavy-duty, one-piece Pump Vaults offer all the strength and versatility you need, allow for large flow rates and will not bow, bend or break, even under the most extreme conditions.

Pump Vault Extensions add the height of one Eco-Blox for larger, deeper basins and carry the same strength and durability as Atlantic Pump Vaults.

Eco-Blox are modular, load-bearing blocks that hold 31.5 gallons of water each and with 96% void space, allow large volumes of water to be stored easily and economically.

Slip locks allow for quick, tool-free assembly of Eco-Box that is also more secure and stable than peg-style connections used by the competition.

Eco-Blox are extremely strong, able to support 75 tons and are HS-20 compliant for commercial applications.
• Spillway boxes diffuse incoming water flow to create the starting point of Pond-free streams and falls
• Atlantic FastFalls are designed to make plumbing the top of the waterfall as easy as possible
• Innovative rear liner attachment simplifies installation and eliminates leakage due to settling
• Crush-proof design with internal baffles stabilized by support cones carries the weight of the largest rock and stone
• Reinforced spillway lip retains rock, gravel, mulch or soil and can be planted to blend seamlessly into the surrounding landscape
• FastFalls includes installation kit, male thread adapter and one-piece liner flange

Although the FastFalls can support the heaviest rock and stone, it was also designed to retain soil, gravel and mulch perfectly. For the most natural looking camouflage possible, plant ground covers or low growing perennials directly into the pockets on top of the FastFalls to blend the FastFalls seamlessly with the surrounding landscape.

1. Internal baffle diffuses the water for an even flow across the spillway.
2. Raised front radius retains natural camouflage.
3. One-piece design eliminates any chance of leaks due to ‘over pumping’.
4. Pre-installed 1½” Spinweld® fitting simplifies plumbing connection.
5. One-piece liner flange and molded inserts ensure a secure liner attachment.

**TECH TIP**
1. Molded support cones give the Pro FastFalls incredible strength and help diffuse the water flow.
2. Two internal baffles slow down the water’s velocity and ensure even water distribution across the spillway.
3. Raised front radius holds back any loose gravel, soil or mulch used to camouflage the top of the unit.
4. Pro FastFalls are completely sealed except for the spillway opening. This design eliminates any chance of leakage due to ‘over pumping’.
5. Molded gussets support the spillway lip.
6. Pro FastFalls come with an installed 2” or 3” FIPT Spinweld® fitting.
7. One-piece liner flange and molded inserts ensure a watertight liner attachment every time.

When we say you don’t have to worry about crushing, cracking or breaking your FastFalls, we mean it! Set your large boulders right on top to camouflage these spillways without a second thought – we tested them with a 33,000 lb. Caterpillar 928F Wheel Loader. Now, that’s strong!

**FACIAL SIZE**
- 18½” x 9½” x 7¼”
- 21¼” x 17” x 10¼”
- 27” x 17” x 10½”
- 39¼” x 17” x 10½”

**WATERFALL WIDTH**
- 16”
- 19”
- 26”
- 38”

**MAX PUMP FLOW**
- 3,000 gph
- 4,000 gph
- 6,000 gph
- 9,000 gph

**INLET**
- 1½” FIPT
- 2” FIPT
- 2” FIPT
- 3” FIPT

**WARRANTY**
- Lifetime

### MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DIMENSIONS</th>
<th>WATERFALL WIDTH</th>
<th>MAX PUMP FLOW</th>
<th>INLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP1600</td>
<td>$146.99</td>
<td>18½” x 9½” x 7¼”</td>
<td>16”</td>
<td>3,000 gph</td>
<td>1½” FIPT</td>
<td>Lifetime</td>
</tr>
<tr>
<td>SP1900</td>
<td>$210.99</td>
<td>21¼” x 17” x 10¼”</td>
<td>19”</td>
<td>4,000 gph</td>
<td>2” FIPT</td>
<td>Lifetime</td>
</tr>
<tr>
<td>SP2600</td>
<td>$279.99</td>
<td>27” x 17” x 10½”</td>
<td>26”</td>
<td>6,000 gph</td>
<td>2” FIPT</td>
<td>Lifetime</td>
</tr>
<tr>
<td>SP3800</td>
<td>$374.99</td>
<td>39¼” x 17” x 10½”</td>
<td>38”</td>
<td>9,000 gph</td>
<td>3” FIPT</td>
<td>Lifetime</td>
</tr>
</tbody>
</table>

Did You Know?

www.ATLANTICWATERGARDENS.com
MODEL: PV1800
MODEL: PV2300

• Pump Vaults house and protect the pumps and plumbing of underground water storage and circulation systems
• Vaults are rotomolded of virtually indestructible polyethylene for long, worry-free service
• Sized to accommodate multiple pumps, Vaults also house Ionizers, Check Valves and Auto Fill Valves
• Tight fitting covers and generous openings provide easy, secure access to pump and plumbing and accessories
• Pump Vault Extensions increase the height of the Vault in deeper, larger basins, with each extension the height of one Eco-Blox
• Flat panels and multiple cut lines allow almost limitless plumbing options
• Easily accommodate any project from mighty waterfalls to rainwater cisterns and downflow bogs

MODEL LIST DIMENSIONS MAX PUMP FLOW OPENING EXTENSION DISCHARGE WARRANTY
PV1700 $212.99 17"W x 12"D x 22½”H 3,900 gph 10" --- 1½" & 2" step outlets Lifetime
PV1800 $254.99 18"W x 24"H 10,000 gph 14" --- 2’ cut lines Lifetime
PV2300 $449.99 23"W x 30"H 15,000 gph 18" --- 2’ & 5’ cut lines Lifetime
PV18EXT $174.99 16½”W x 19½”H --- 14" --- 2’ & 5’ cut lines Lifetime
PV23EXT $204.99 21½”W x 19½”H --- 18" --- 1½" & 2½’ cut lines Lifetime

1. Insert lid keeps gravel from falling into the vault.
2. Cut-off step outlets for 1½” and 2” pipe provided on both sides of the vault.
3. Flat front panel installs tight against Eco-Blox for a compact basin.
4. Recessed pockets accept Triton 3-Way Diverter for use in the Eco-Rise System. (see page 11)
5. Flat panel for 1½” pipe for use with the Eco-Rise System.

ROCK LIDS

Atlantic’s realistic Rock Lids are molded from real stones. The sturdy fiberglass construction, authentic textures and incredibly real finishes set these Rock Lids apart from plastic covers. Four regional colors complement every application perfectly. No one will ever know it’s not real!

MODEL: RL30G Great Lakes
MODEL: RL30D Desert (shown)
MODEL: RL30M Mountain
MODEL: RL30S Southern

COLORS SHOWN MAY VARY FROM ACTUAL PRODUCT

Atlantic’s Eco-Blox and Pump Vaults make excellent, easy to maintain bog filters. When installed with perforated pipe underneath a field of Eco-Blox, the Pump Vaults act as distribution nodes and clean-out points for upflow loops of any size and configuration. Pond water pumped into the bottom of the Eco-Blox matrix flows up through the chamber, shedding velocity and settling out sediment. Plants set in gravel on top of the Eco-Blox remove fine solids and nitrates. Simply flush the chamber from above into the Pump Vault to remove sediment. Visit Atlantic Water Gardens University for more in-depth information about bog filtration.

MODEL: RL30G Great Lakes
MODEL: RL30D Desert (shown)
MODEL: RL30M Mountain
MODEL: RL30S Southern

RV1700 FEATURES:
1. Large diameter housing provides better access to pump and plumbing.
2. Each Pump Vault Extension allows for an additional layer of Eco-Blox.
3. Molded cut lines facilitate plumbing the pump discharge.
4. Flat panels accommodate Auto Fill and custom plumbing options.
5. Heavy-duty ribbed design eliminates warping and crushing.
6. Molded cut lines for multiple sizes of SDR35 pipe make installing bogs simple.

MODEL LIST DIMENSIONS MATCH TO PUMP VAULT WARRANTY
RL30 G/D/M/S $140.99 24”L x 24”W x 5”H PV1800 & PV2300 1-year
ECO-BLOX

- Water matrix blocks installed in lined excavations create weight-bearing underground water storage reservoirs
- With 96% void space, Atlantic’s Eco-Blox hold more water in a smaller volume, reducing the overall size of the basin
- Save labor, time and money on Pond-free, rainwater harvesting and storm water management installations versus gravel-filled reservoirs
- Eco-Blox lock together quickly and securely, easily supporting landscaping, pavers, gravel or sod for great design versatility
- Arrange modular blocks in any configuration and any number of levels to accommodate almost any basin
- Excellent for bog construction to create settling chambers below natural plantings of active bog filters

DID YOU KNOW?

Eco-Blox have been tested and approved for compliance with the American Association of State Highway and Traffic Officials AASHTO HS-20 standard with a minimum safety factor of 200% for every condition and depth calculated. Independent testing in a machine press demonstrated Eco-Blox supporting over 15,000 lbs. before failure. Testing results available upon request.

ECO-BLOX

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DIMENSIONS</th>
<th>CAPACITY</th>
<th>APPLICATIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECOBLOX</td>
<td>$52.99</td>
<td>27” x 16” x 17½”H</td>
<td>31½ gallons</td>
<td>Pond-free / Fountain / Rain Harvesting</td>
<td>1-year</td>
</tr>
</tbody>
</table>

SMALL POND-FREE KIT

- Triton Check Valve
- Heavy-duty Underlayment
- Complete installation kit including fittings, thread sealant, PVC spray glue and 12oz. FallsFoam
- Kits come complete, right down to glue, cleaner, sealant and fittings, to eliminate guesswork and material runs, saving you time and money
- Included LED lighting extends the enjoyment of the water feature into the evening
- Vaults and Spillways are matched to energy efficient pumps to keep operating costs low
- Properly equipped for optimum streambed length and reservoir capacity to ensure your water feature works as designed

MODELS | LIST | LINER SIZE | FASTFALLS | PUMP VAULT | ECO-BLOX PUMP TUBING | BASIN SIZE | STREAMBED SIZE |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PK1819PL</td>
<td>$1,425.99</td>
<td>10’ x 15’</td>
<td>SP1900</td>
<td>PV1800</td>
<td>3 TIT4000 2” x 25’</td>
<td>54” x 32” x 18”</td>
<td>26” - 32”W x 8’L</td>
</tr>
<tr>
<td>PK1826PL</td>
<td>$1,674.99</td>
<td>10’ x 20’</td>
<td>SP2600</td>
<td>PV1800</td>
<td>5 TIT5000 2” x 25’</td>
<td>54” x 48” x 18”</td>
<td>26” - 32”W x 10’L</td>
</tr>
</tbody>
</table>

LARGE POND-FREE KITS

- Triton Check Valve
- Heavy-duty Underlayment
- (2) SOLW2 pond lights and SOL30X4 Transformer
- AT1000 Auto Fill
- Complete installation kit including fittings, thread sealant, PVC spray glue and (2) 12oz. FallsFoam
- Kits come complete, right down to glue, cleaner, sealant and fittings, to eliminate guesswork and material runs, saving you time and money
- Included LED lighting extends the enjoyment of the water feature into the evening
- Vaults and Spillways are matched to energy efficient pumps to keep operating costs low
- Properly equipped for optimum streambed length and reservoir capacity to ensure your water feature works as designed

* An additional two lights may be added with no additional hardware necessary

MODELS | LIST | LINER SIZE | FASTFALLS | PUMP VAULT | ECO-BLOX PUMP TUBING | BASIN SIZE | STREAMBED SIZE |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PK1819PL</td>
<td>$1,425.99</td>
<td>10’ x 15’</td>
<td>SP1900</td>
<td>PV1800</td>
<td>3 TIT4000 2” x 25’</td>
<td>54” x 32” x 18”</td>
<td>26” - 32”W x 8’L</td>
</tr>
<tr>
<td>PK1826PL</td>
<td>$1,674.99</td>
<td>10’ x 20’</td>
<td>SP2600</td>
<td>PV1800</td>
<td>5 TIT5000 2” x 25’</td>
<td>54” x 48” x 18”</td>
<td>26” - 32”W x 10’L</td>
</tr>
</tbody>
</table>
Atlantic’s Water Garden System offers a complete solution for every pond builder, from full-featured Skimmers that allow for every plumbing and pre-filter preference, to versatile FilterFalls that can be upgraded as ponds mature and organic loads increase. Whether you prefer to individually select the custom accessories for your Water Garden System, or to simply choose a Pond Kit that comes with all the equipment, liner and plumbing you’ll need to complete the project, Atlantic has it all.

CREATE NATURALLY BALANCED ECO-SYSTEMS

» Full range of Skimmers and FilterFalls for every size water garden
» Crush-proof Skimmers and FilterFalls with lifetime warranties eliminate concerns of warping and deformation in the ground
» More filtration options accommodate multiple fish and plant stocking levels
» Pond Kits containing everything needed for a complete installation save you time and money
» A complete line of accessories to complement and enhance your water garden allows for full customization

| 1. Skimmers feature Super Flow weir doors, stainless steel hardware and a heavy-duty rotomolded shell for the ultimate in durability backed by a lifetime warranty. |
| 2. Skimmers feature large stainless steel-framed nets and stainless/nylon filterbrush panels or Matala matting for excellent pre-filtration and accept Matala cartridge upgrades. |
| 3. Large pump chambers capable of housing multiple pumps provide the versatility to improve energy efficiency by using two smaller pumps instead of one large one. |
| 4. Optional installation accessories such as the Triton Ionizer, Bottom Drain Kit and Auto Fill Kit allow you to keep your pond clean while reducing maintenance at the same time. |
| 5. Atlantic’s flexible PVC piping, geotextile underlayment and EPDM liner are all proudly made in the United States to the highest quality standards. |
| 6. Heavy-duty rotomolded polyethylene FilterFalls feature stainless steel hardware, molded inserts and solid lips for watertight liner attachment and lifelong durability. |
| 7. Sturdy support bars and top grates support the weight of natural rock camouflage and prevent crushing or warping from the surrounding soil. |
| 8. Oversized interior volumes provide tremendous filtration capacity out of the box, expandable with any combination of Matala Mat Kits, Bio-Balls, Bio-Rocks and Bio-Tech media for custom filtration options. |
### PS3900 Features:
1. Sturdy removable lid supports natural rock camouflage and foot traffic.
2. Support bar for added strength.
3. Stainless steel-framed trap net and Matala filter mat provide mechanical filtration.
4. Designed to enhance structural rigidity.
5. Rolled upper rim provides clean lines and incredible strength.
6. Cut-off step outlets for ½" and 2" pipe provided on both sides of the skimmer.
7. Super Flow weir door to maximize skimming efficiency.
8. Labeled drill points for the installation of Auto Fill and overflow. (not shown)

### PS4600/PS7000/PS15000 Features:
1. Sturdy removable top lid supports natural rock camouflage and foot traffic.
2. Heavy-duty brush panel provides maximum surface area for mechanical filtration.
3. Heavy-duty stainless steel framed trap net for capturing large debris.
4. Rolled upper rim provides clean lines and great strength.
5. Super Flow weir door to maximize skimming efficiency.
6. Ribbed design enhances structural rigidity and strength.

### Rock Lids
- Rock Lids cover Skimmers completely to attractively conceal them in the water garden
- Molded from real stones, the sturdy fiberglass construction, authentic textures and incredibly real finishes set these Rock Lids apart
- Three sizes and four regional colors ensure the perfect fit for every application
- Rock Lids can also be used to hide and protect Pump Vaults, FilterFalls and other equipment

### Model List

<table>
<thead>
<tr>
<th>Model</th>
<th>List</th>
<th>Water Width</th>
<th>Dimensions</th>
<th>Max Pump Flow</th>
<th>SQ. FT.</th>
<th>Filtering</th>
<th>Match To</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS3000</td>
<td>$240.99</td>
<td>6&quot;</td>
<td>21&quot;x11&quot;x25&quot;</td>
<td>3,000 gph</td>
<td>220</td>
<td>Net</td>
<td>PS3000 / PS5000</td>
<td>Lifetime (enclosure)</td>
</tr>
<tr>
<td>PS3900</td>
<td>$294.99</td>
<td>6&quot;</td>
<td>1 ½&quot;x11&quot;x25&quot;</td>
<td>3,900 gph</td>
<td>220</td>
<td>Net, Matala mat</td>
<td>BF3000</td>
<td>Lifetime (enclosure)</td>
</tr>
<tr>
<td>PS4600</td>
<td>$426.99</td>
<td>6&quot;</td>
<td>15½&quot;x10&quot;x24&quot;</td>
<td>4,000 gph</td>
<td>400</td>
<td>Net, Brush panel</td>
<td>BF4000</td>
<td>Lifetime (enclosure)</td>
</tr>
<tr>
<td>PS7000</td>
<td>$540.99</td>
<td>9&quot;</td>
<td>17½&quot;x15&quot;x24&quot;</td>
<td>7,000 gph</td>
<td>900</td>
<td>Net, Brush panel</td>
<td>BF5000</td>
<td>Lifetime (enclosure)</td>
</tr>
<tr>
<td>PS15000</td>
<td>$780.99</td>
<td>14&quot;</td>
<td>24½&quot;x18½&quot;x37½&quot;</td>
<td>11,000 gph</td>
<td>1400</td>
<td>Net, Brush panel</td>
<td>BF15000</td>
<td>Lifetime (enclosure)</td>
</tr>
</tbody>
</table>

### Model List Dimensions Match To Skimmer Warranty

<table>
<thead>
<tr>
<th>Model</th>
<th>List</th>
<th>Dimensions</th>
<th>Match To Skimmer</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL30</td>
<td>$140.99</td>
<td>24&quot;x24&quot;x5&quot;</td>
<td>PS3900</td>
<td>1-year</td>
</tr>
<tr>
<td>RL40</td>
<td>$176.99</td>
<td>34&quot;x24&quot;x5&quot;</td>
<td>PS4600</td>
<td>1-year</td>
</tr>
<tr>
<td>RL70</td>
<td>$228.99</td>
<td>40&quot;x28&quot;x10&quot;</td>
<td>PS7000 / PS15000</td>
<td>1-year</td>
</tr>
</tbody>
</table>

### Color Representations Shown May Vary On Actual Product
• Biological filters remove suspended solids, convert toxic ammonia and nitrates to harmless nitrates and aerate the pond
• Atlantic’s FilterFalls are designed to be able to expand filter capacity as ponds age and fish grow
• Efficient removal of toxins and floating particles from the water column improves water quality and clarity
• Oversized chamber contains more media material to start with, accepts additional filtration when needed and accommodates more choices of filtration media
• Overhanging weir with drip edge eliminates leaking due to silicone seal failure
• Multiple bulkhead locations allow maximum versatility in plumbing FilterFalls
• Reinforced body prevents warping and deformation for years of worry-free service
• Support bars accommodate heavier stone and gravel for ease in camouflaging
• FilterFalls includes installation kit, male thread adapter and one-piece liner flange

Atlantic’s custom cut Matala Filter Kits add tremendous surface area for biological activity, with 62 square feet of surface area available for bacterial colonization in every square foot of black mat, 96 square feet for the green and 124 square feet for the blue. Each Matala Kit adds over 300 square feet of biological filtration to your pond!

See page 41
POND KITS

• Triton Check Valve
• Heavy-duty underlayment
• AF1000 Auto Fill
• (2) SOLW2 pond lights and SOL30X4 transformer*
• Complete installation kit includes fittings, thread sealant, PVC spray glue and (2) 12oz. FallsFoam

SMALL POND KITS

• Triton Check Valve
• Heavy-duty underlayment
• AF1000 Auto Fill
• Complete installation kit includes fittings, thread sealant, PVC spray glue and (2) 12oz. FallsFoam

MEDIUM POND KITS

• Triton Check Valve
• Heavy-duty underlayment
• AF1000 Auto Fill
• (2) SOLW2 pond lights and SOL30X4 transformer*
• Complete installation kit includes fittings, thread sealant, PVC spray glue and (2) 12oz. FallsFoam

* An additional two lights may be added with no additional hardware necessary

LARGE POND KITS

• Triton Check Valve
• Heavy-duty underlayment
• AF1000 Auto Fill
• (2) SOLW2 pond lights and SOL30X4 transformer*
• Complete installation kit includes fittings, thread sealant, PVC spray glue and (2) 12oz. FallsFoam

EXTRA LARGE POND KITS

• AWGCV50 Check Valve
• Heavy-duty underlayment
• AF1000 Auto Fill
• (2) SOLW2 pond lights and SOL30X4 transformer*
• Complete installation kit including fittings, thread sealant, PVC spray glue and (2) 12oz. FallsFoam
• Extra Large Pond Kits measure 42"W x 36"H x 48"D and are supplied on a pallet

* An additional two lights may be added with no additional hardware necessary

STREAMBED LINER

Don’t forget streambed liner! When ordering your Pond Kit simply add liner, tubing and a coupling for a stream that will really accent your pond

• For your Small Pond Kit order an 8’ x 10’ boxed liner, 1½” x 25’ roll of tubing and 1½” coupling to add a six- to eight-foot stream to your pond
• For Medium and Large Pond Kits add a 10’ x 15’ boxed liner, 2” x 25’ roll of tubing and 2” coupling for streams up to 15 feet long
• For Extra Large Pond Kits, add a 15’ x 20’ boxed liner, 3” x 50’ roll of tubing and 3” coupling for streams up to 18 feet long

MODEL LIST LINER SIZE FILTERFALLS SKIMMER PUMP TUBING POND SIZE
PK261520 $1,858.99 15’ x 20’ BF2600 PS1500 TT12000 2” x 25’ 16’ x 16’
PK262020 $1,886.99 20’ x 20’ BF2600 PS1500 TT16000 2” x 25’ 16’ x 16’

MODEL LIST LINER SIZE FILTERFALLS SKIMMER PUMP TUBING POND SIZE
PK382025 $3,150.99 20’ x 25’ BF3800 PS18000 TT9000 3” x 50’ 21’ x 21’
PK382530 $3,677.99 25’ x 30’ BF3800 PS18000 A-31 3” x 50’ 26’ x 26’

MODEL LIST LINER SIZE TUBING NEEDED FITTING NEEDED STREAMBED LENGTH
LIR1810-B 8’ x 10’ FIT1225 – 1½” x 25’ PVC Flex Pipe 429-015 – 1½” Coupling up to 8’
LIR1515-B 15’ x 15’ FIT1225 – 2” x 25’ PVC Flex Pipe 429-020 – 2” Coupling up to 15’
LIR2020-B 20’ x 20’ FIT1530 – 3” x 50’ PVC Flex Pipe 429-030 – 3” Coupling up to 18’
SKIMMER ACCESSORIES

BRUSH KIT
Atlantic's innovative Skimmer Brush Kits provide exceptional debris removal and unlike dense filter pads, will not block water flow to the pump. If neglected, all Pro Series Skimmers can accept an additional brush panel to increase mechanical filtration. Stainless steel and polypropylene construction provide maximum durability.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>MATCH TO</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK4600</td>
<td>$53.99</td>
<td>Skimmer Brush Kit</td>
<td>PS4600</td>
<td>5-year</td>
</tr>
<tr>
<td>BK7000</td>
<td>$69.99</td>
<td>Skimmer Brush Kit</td>
<td>PS7000</td>
<td>5-year</td>
</tr>
<tr>
<td>BK35000</td>
<td>$99.99</td>
<td>Skimmer Brush Kit</td>
<td>PS35000</td>
<td>5-year</td>
</tr>
</tbody>
</table>

GATE KEEPERS
Gate Keepers attach to the Skimmer weir to protect your valuable fish by keeping them from swimming into your Skimmer, while still allowing water to pass through.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>GK600</td>
<td>$29.99</td>
<td>Gate Keeper for 6&quot; Weir Door</td>
<td>1-year</td>
</tr>
<tr>
<td>GK900</td>
<td>$40.99</td>
<td>Gate Keeper for 9&quot; Weir Door</td>
<td>1-year</td>
</tr>
<tr>
<td>GK1400</td>
<td>$58.99</td>
<td>Gate Keeper for 14&quot; Weir Door</td>
<td>1-year</td>
</tr>
</tbody>
</table>

BOTTOM DRAIN KIT
A Bottom Drain Kit in your Skimmer makes it easy to keep sludge at bay by pulling debris from the bottom of your pond while the Super Flow weir door skims debris from the surface.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD2000</td>
<td>$134.99</td>
<td>Bottom Drain Kit for all Pro Series Skimmers</td>
<td>5-year</td>
</tr>
</tbody>
</table>

MATALA MAT KITS
When used in conjunction with the standard Skimmer Net and Brush Panel, Matala Mat Kits create three-stage mechanical filtration that reduces maintenance and extends the time between Skimmer cleaning.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>MATCH TO</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK4600</td>
<td>$53.99</td>
<td>Matala Mat Kit with support frame</td>
<td>PS4600</td>
<td>5-year</td>
</tr>
<tr>
<td>MK7000</td>
<td>$70.99</td>
<td>Matala Mat Kit with support frame</td>
<td>PS7000</td>
<td>5-year</td>
</tr>
<tr>
<td>MK35000</td>
<td>$104.99</td>
<td>Matala Mat Kit with support frame</td>
<td>PS35000</td>
<td>5-year</td>
</tr>
</tbody>
</table>

FILTERFALLS ACCESSORIES

BIO-ROCKS
Atlantic’s BB1500 contains 150 extremely durable, lightweight Bio-Rocks that are easy to clean and reduce channeling. Each ball is 1¼” in diameter and has nearly 25 square inches of surface area for bacterial colonization. Use one box per Media Bag.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB1500</td>
<td>$59.99</td>
<td>Bio-Rocks 150 pieces</td>
<td>5-year</td>
</tr>
</tbody>
</table>

BIO-BALLS
Atlantic’s Bio-Tech Media is an economical, lightweight way to add biofiltration to your ecosystem. Atlantic’s Media Bags are made with triple-stitched, heavy-duty netting and have a convenient drawstring to secure the media within your FilterFalls. Whether using with Bio-Tech Media, Bio-Rocks or Bio-Falls, Atlantic’s Media Bags are meant to last.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB1000</td>
<td>$32.99</td>
<td>1 cubic ft. Bio-Tech Media Blocks with bag</td>
<td>5-year</td>
</tr>
<tr>
<td>BG2234</td>
<td>$9.99</td>
<td>18” x 22” Media Bag</td>
<td>1-year</td>
</tr>
</tbody>
</table>

MEDIA & BAGS

MATALA FILTER KITS
Customize your FilterFalls with three-stage Matala Filter Kits. Coarse, medium and fine Matala filter mats reduce channeling, increase surface area and backwash more easily than standard filter mats.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>MATCH TO</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA1600</td>
<td>$65.99</td>
<td>Matala Filter Kit</td>
<td>BF1600</td>
<td>1-year</td>
</tr>
<tr>
<td>MA1900</td>
<td>$95.99</td>
<td>Matala Filter Kit</td>
<td>BF1900</td>
<td>1-year</td>
</tr>
<tr>
<td>MA2600</td>
<td>$127.99</td>
<td>Matala Filter Kit</td>
<td>BF2600</td>
<td>1-year</td>
</tr>
<tr>
<td>MA3800</td>
<td>$185.99</td>
<td>Matala Filter Kit</td>
<td>BF3800</td>
<td>1-year</td>
</tr>
</tbody>
</table>

BACK Flush KIT
When used with Matala Filter Kits, Atlantic’s professional Back Flush Kit virtually eliminates FilterFalls maintenance. Add a Back Flush Kit to any Pro Series FilterFalls for fast, convenient, powered backwashing to save you time, trouble and a whole lot of mess.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BFK1000</td>
<td>$143.99</td>
<td>Back Flush Kit for Pro Series FilterFalls</td>
<td>1-year</td>
</tr>
</tbody>
</table>
Atlantic’s Pump Products offer the perfect solution for all water features, large and small. Whether the application calls for Mag Drive or Direct Drive, Axial or Asynchronous, TidalWave pumps deliver the right flow at the right head for the right wattage. Cutting edge design, top quality components and world class support ensure TidalWave delivers years of trouble-free service.

THE RIGHT PUMP FOR EVERY JOB

› FP-Series pumps offer adjustable flows and multiple adapters for ease of installation and adjustment
› MD-Series pumps make better flows at higher head heights and are the easiest to service in the industry
› TT-Series pumps are the most powerful, most efficient, smallest footprint Asynchronous pumps on the market, offering toolless maintenance and an optional Variable Speed Controller
› PAF- and SH-Series pumps offer Direct Drive power and solids handling ability for in-pond applications
› A- & L-Series cast iron and stainless steel pumps handle the highest head, most demanding applications

Atlantic’s Comprehensive Pump Chart provides clear, easy-to-understand Best Efficiency Points and Recommended Operating Ranges, to ensure the perfect match of pump to application. Estimate the Total Dynamic Head of your system* and then find the desired GPH at that head height. For best results make sure the pump chosen is operating in its Best Efficiency range (dark blue) to avoid cavitation, overheating and overworking, ensuring years of worry-free service. Please refer to page 104 for a step-by-step guide to calculate your TDH.
FP-SERIES

- Fountain Pumps offer Magnetic Induction performance and replaceable components in a tiny footprint for the smallest water features
- Atlantic FP-Series Pumps fit in the smallest spaces for reliable, adjustable performance in your wall and table top fountains
- Integrated valve allows flow adjustment in spaces where a separate valve wouldn’t fit
- Removable washable foam filter protects internal components from wear
- Standard size fittings facilitate connection to various sizes and types of tubing
- Energy efficient motors keep operating costs to a minimum
- Impeller assemblies replace quickly, no tools needed for extended service life

TIDALWAVE FP- & MD-SERIES PUMPS

MODEL LIST VOLTS WATTS INLET OUTLET CORD DIMENSIONS OUTLET FITTING WARRANTY
FP100 $26.99 115 7 Adjustable ½" MIPT 6' 3½"L x 2¼"W x 2½"H ½" - ¾" Insert 1-year
FP200 $36.99 115 9.5 Adjustable ½" MIPT 6' 3½"L x 2¼"W x 2½"H ½" - ¾" Insert 1-year
FP300 $54.99 115 16 Adjustable ½" FIPT 16' 5"L x 3"W x 3¼"H ½" - ¾" Insert 1-year
FP400 $60.99 115 24 Adjustable ½" FIPT 16' 5"L x 3"W x 3¼"H ½" - ¾" Insert 1-year
FP500 $99.99 115 35 Adjustable ½" FIPT 16' 5"L x 3"W x 4"H ½" - ¾" Insert 1-year

MD-SERIES

MODEL LIST VOLTS WATTS INLET OUTLET CORD DIMENSIONS OUTLET FITTING WARRANTY
MD250 $87.99 115 15 1" MIPT 1" MIPT 20' 4½"L x 3½"W x 5"H ¾" - 1" Step 5-year Limited
MD350 $93.99 115 25 1" MIPT 1" MIPT 20' 4½"L x 3½"W x 5"H ¾" - 1" Step 5-year Limited
MD550 $104.99 115 40 1" MIPT 1" MIPT 20' 4½"L x 3½"W x 5"H ¾" - 1" Step 5-year Limited
MD750 $116.99 115 50 1" MIPT 1" MIPT 20' 4½"L x 3½"W x 5"H ¾" - 1" Step 5-year Limited
MD1000 $169.99 115 90 1½" MIPT 1" MIPT 20' 5½"L x 4¾"W x 5½"H 1" - 1½" Step 5-year Limited
MD1250 $208.99 115 120 1½" MIPT 1" MIPT 20' 5½"L x 4¾"W x 5½"H 1" - 1½" Step 5-year Limited
MD1500 $237.99 115 165 1½" MIPT 1" MIPT 20' 6"L x 4¾"W x 6"H 1" - 1½" Step 5-year Limited

• Magnetic Induction pumps provide years of service in the demanding conditions of smaller ponds, waterfalls and fountains
• Atlantic MD-Series pumps feature better flows at higher heads, a longer warranty and are easier to service
• Male threads on both inlet and outlet are less restrictive for higher flow
• Volute rotates to accommodate any pump orientation
• A quarter-turn of the volute accesses the impeller assembly for easy periodic cleaning
• Oversized ceramic shaft resists wear better than steel, for longer service life
• Impeller assembly replaces quickly and easily to keep pump running for years
• Large, stable base for anchoring pump may be removed in tight applications
• Removable pre-filter provides integrated filtration, reduces internal wear and extends impeller life
• Included outlet fittings are tapered to fit a wide array of tubing types and sizes
• MD1000 through MD1500 include ½" adapters for use with Triton Check Valve and Fountain Plumbing Kits
• Five-year warranty on pump and motor, one-year warranty on impeller assembly

Wattage is calculated @ BEP using the following formula (Volts x Amps x PF = Watts).
TIDALWAVE TT-SERIES PUMPS

- Asynchronous Pumps combine the efficiency of Magnetic Induction with the power of Direct Drive geometry, keeping operating and ownership costs to a minimum.
- Atlantic TT-Series pump more water for less watts, making them the ideal choice for water gardens and continuously operated water features.
- Compact design fits the tightest pump chambers, perfect for vertical and multiple pump applications.
- Excellent resistance to fouling in hard water environments and simple maintenance keeps pumps running in adverse conditions.
- Ribs and large openings in pre-filter and handle provide tremendous surface area for greater clog resistance, decreasing upkeep and increasing pump life.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VOLTS</th>
<th>AMPS</th>
<th>WATTS</th>
<th>INLET</th>
<th>OUTLET</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>OUTLET FITTING</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT1500</td>
<td>$188.99</td>
<td>120</td>
<td>0.88</td>
<td>1.0</td>
<td>1½&quot; MIPT</td>
<td>1½&quot; FIPT</td>
<td>20'</td>
<td>8&quot; x 5½&quot; x 8½&quot;</td>
<td>1&quot; - 1½&quot; Step</td>
<td>5-year</td>
</tr>
<tr>
<td>TT2000</td>
<td>$209.99</td>
<td>120</td>
<td>1.0</td>
<td>1.5</td>
<td>1½&quot; MIPT</td>
<td>1½&quot; FIPT</td>
<td>20'</td>
<td>9½&quot; x 6&quot; x 7½&quot;</td>
<td>1&quot; - 1½&quot; Step</td>
<td>5-year</td>
</tr>
<tr>
<td>TT3000</td>
<td>$251.99</td>
<td>120</td>
<td>1.5</td>
<td>1.75</td>
<td>1½&quot; MIPT</td>
<td>1½&quot; FIPT</td>
<td>20'</td>
<td>10½&quot; x 6½&quot; x 7½&quot;</td>
<td>2&quot; Insert</td>
<td>5-year</td>
</tr>
<tr>
<td>TT4000</td>
<td>$356.99</td>
<td>120</td>
<td>2.0</td>
<td>2.5</td>
<td>1½&quot; MIPT</td>
<td>1½&quot; FIPT</td>
<td>20'</td>
<td>11½&quot; x 7½&quot; x 8½&quot;</td>
<td>2&quot; Insert</td>
<td>5-year</td>
</tr>
<tr>
<td>TT5000</td>
<td>$398.99</td>
<td>120</td>
<td>2.7</td>
<td>3.0</td>
<td>2&quot; MIPT</td>
<td>2&quot; FIPT</td>
<td>20'</td>
<td>12½&quot; x 8½&quot; x 9½&quot;</td>
<td>2&quot; Insert</td>
<td>5-year</td>
</tr>
<tr>
<td>TT6000</td>
<td>$440.99</td>
<td>120</td>
<td>2.9</td>
<td>3.5</td>
<td>2&quot; MIPT</td>
<td>2&quot; FIPT</td>
<td>20'</td>
<td>13½&quot; x 9½&quot; x 10½&quot;</td>
<td>2&quot; Insert</td>
<td>5-year</td>
</tr>
<tr>
<td>TT7500</td>
<td>$565.99</td>
<td>120</td>
<td>4.4</td>
<td>5.0</td>
<td>2&quot; MIPT</td>
<td>2&quot; FIPT / 3&quot; MIPT</td>
<td>20'</td>
<td>15½&quot; x 10½&quot; x 11½&quot;</td>
<td>---</td>
<td>5-year</td>
</tr>
<tr>
<td>TT9000</td>
<td>$608.99</td>
<td>120</td>
<td>5.1</td>
<td>5.75</td>
<td>2&quot; MIPT</td>
<td>2&quot; FIPT / 3&quot; MIPT</td>
<td>20'</td>
<td>17½&quot; x 11½&quot; x 12½&quot;</td>
<td>---</td>
<td>5-year</td>
</tr>
</tbody>
</table>

TT-SERIES PUMP FEATURES:
1. Large threaded inlet and outlet for less restriction and greater flows.
2. Quarter-turn volute provides access to impeller without the use of tools.
3. Heavy-duty pre-filter locks in place. Large openings and increased surface area resist clogging.
4. Three-vane hybrid impeller improves flows and passes solids easily.
5. Additional perforations in handle provide greater surface area.
6. Energy efficient asynchronous motor is up to 30% more efficient than the competition.
7. All models feature 20’ power cord and three-year warranty.

46

TT-SERIES PUMP CLEANING:
The rotors of asynchronous TidalWave Pumps are water cooled, with a screen to keep grit out of the rotor chamber. Regular cleaning and maintenance is the best way to get the most out of your pump, especially in harsh environments. In areas with very hard water, calcification (limescale) can build up around the impeller assembly or motor housing of TT-Series pumps, leading to overheating or even seizing. Clean your pump after the first month of operation to determine how often you’ll need to perform maintenance.

Cleaning Procedures:
- Unlock the latches on either side of the pre-filter by pulling outward from the pump handle. Slide the pre-filter off to expose the volute.
- Remove the volute by rotating counterclockwise one quarter turn while pulling lightly outward from the pump body.
- Inspect the intakes O-ring for nicks or breaks.
- Inspect the impeller and remove any debris that may be present.
- A stainless steel screen located behind the impeller draws water in to cool the rotor. If the screen becomes blocked the pump may overheat. Inspect the screen and remove any accumulated debris.
- Spin the impeller. If the impeller is difficult to turn, feels "gritty", or a grinding noise is evident in the rotor chamber, remove and clean the rotor.

Removing the Rotor:
The rotor must be unlocked using the built-in wrench located on the bottom of the pre-filter before it can be removed from the rotor chamber. Slide the impeller wrench behind the impeller and engage two of the locking posts located on the face of the rotor. Push the wrench tightly against the rotor face and rotate counterclockwise one quarter turn. Once unlocked, remove the rotor by pulling the impeller outward from the pump body.
TIDALWAVE PAF-SERIES PUMPS

- Direct Drive pumps are perfect for demanding medium head, high-volume applications
- Atlantic PAF-Series pumps feature energy efficient direct drive motors, double silicone carbide mechanical seals and fiber-reinforced vortex impellers to ensure dependable, long lasting service
- Overload and thermal protection shuts down pump before overheating can cause damage
- Stainless steel and high impact FRP composite housings are rugged and lightweight, for easier servicing and long life
- Removable intake screen converts pump from clean water in skimmers to true 1¼" solids handling capacity in ponds

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>MOTOR</th>
<th>VOLTS</th>
<th>AMPS</th>
<th>WATTS</th>
<th>OUTLET</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>OUTLET FITTING</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAF-20</td>
<td>$468.99</td>
<td>1/4 HP</td>
<td>115</td>
<td>4.5</td>
<td>360</td>
<td>2&quot; FIPT</td>
<td>20'</td>
<td>9&quot;L x 6&quot;W x 14&quot;H</td>
<td>2&quot; Insert</td>
<td>2-year</td>
</tr>
<tr>
<td>PAF-25</td>
<td>$555.99</td>
<td>1/3 HP</td>
<td>115</td>
<td>5</td>
<td>545</td>
<td>2&quot; FIPT</td>
<td>20'</td>
<td>9&quot;L x 6&quot;W x 14½&quot;H</td>
<td>2&quot; Insert</td>
<td>2-year</td>
</tr>
<tr>
<td>PAF-40</td>
<td>$619.99</td>
<td>1/2 HP</td>
<td>115</td>
<td>6</td>
<td>650</td>
<td>2&quot; FIPT</td>
<td>20'</td>
<td>9&quot;L x 6&quot;W x 15&quot;H</td>
<td>2&quot; Insert</td>
<td>2-year</td>
</tr>
<tr>
<td>PAF-75</td>
<td>$714.99</td>
<td>1 HP</td>
<td>115</td>
<td>8.5</td>
<td>650</td>
<td>2&quot; FIPT</td>
<td>20'</td>
<td>9&quot;L x 6&quot;W x 16&quot;H</td>
<td>2&quot; Insert</td>
<td>2-year</td>
</tr>
</tbody>
</table>

Wattage is calculated @ BEP using the following formula: (Volts x Amps x PF = Watts).

TIDALWAVE SH-SERIES PUMPS

- Direct Drive pumps have heavy-duty impellers attached directly to the motor for cleanouts and in-pond applications
- Atlantic SH-Series Direct Drive pumps thrive in dirty water applications, with higher head pressures and solids capability
- Oil-free motors are safe for operation in water gardens with fish and plants
- Pumps handle solids up to 1½" in diameter for the most demanding in-pond and dewatering applications
- Overload and thermal protection shuts down pump before overheating can cause damage
- Non-corroding, high impact composite housing and stable base geometry make SH-Series the perfect clean-out pump

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VOLTS</th>
<th>AMPS</th>
<th>WATTS</th>
<th>OUTLET</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>OUTLET FITTING</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SH1450</td>
<td>$244.99</td>
<td>115</td>
<td>21</td>
<td>240</td>
<td>1¼&quot; FIPT</td>
<td>16'</td>
<td>6&quot;L x 9&quot;W x 15½&quot;H</td>
<td>1¼&quot; x 1½&quot; FIPT Elbow</td>
<td>2-year</td>
</tr>
<tr>
<td>SH2050</td>
<td>$285.99</td>
<td>115</td>
<td>2.8</td>
<td>520</td>
<td>1¼&quot; FIPT</td>
<td>16'</td>
<td>6&quot;L x 9&quot;W x 12½&quot;H</td>
<td>1¼&quot; x 1½&quot; FIPT Elbow</td>
<td>2-year</td>
</tr>
<tr>
<td>SH3600</td>
<td>$509.99</td>
<td>115</td>
<td>5.5</td>
<td>575</td>
<td>1¼&quot; FIPT</td>
<td>16'</td>
<td>6&quot;L x 9&quot;W x 14½&quot;H</td>
<td>1¼&quot; x 1½&quot; FIPT Elbow</td>
<td>2-year</td>
</tr>
<tr>
<td>SH5000</td>
<td>$606.99</td>
<td>115</td>
<td>9</td>
<td>950</td>
<td>1¼&quot; FIPT</td>
<td>16'</td>
<td>9½&quot;L x 12&quot;W x 15½&quot;H</td>
<td>1½&quot; x 1½&quot; FIPT Elbow</td>
<td>2-year</td>
</tr>
<tr>
<td>SH6500</td>
<td>$635.99</td>
<td>115</td>
<td>9.5</td>
<td>1000</td>
<td>1¼&quot; FIPT</td>
<td>16'</td>
<td>9½&quot;L x 12&quot;W x 15½&quot;H</td>
<td>1½&quot; x 1½&quot; FIPT Elbow</td>
<td>2-year</td>
</tr>
</tbody>
</table>

Wattage is calculated @ BEP using the following formula: (Volts x Amps x PF = Watts).
### TIDALWAVE A-SERIES PUMPS

A-Series Direct Drive pumps are built for the highest head, high volume applications, to tackle the longest runs and tallest falls.

- **A-Series pumps feature heavy-duty cast iron and stainless steel housing for years of dependable service.**
- **Continuous duty Direct Drive motors reduce maintenance to simply keeping the intake screen clean.**
- **Double silicone carbide mechanical seals and dual drive bearings reduce friction and wear, prolonging motor life.**
- **Thermal overload protection shuts down pump in low water conditions, to prevent serious damage due to overheating.**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>MOTOR</th>
<th>VOLTS</th>
<th>AMPS</th>
<th>WATTS</th>
<th>OUTLET</th>
<th>WEIGHT</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-05</td>
<td>$554.99</td>
<td>1/2 HP</td>
<td>115</td>
<td>5.4</td>
<td>645</td>
<td>2” FPT</td>
<td>52 lbs.</td>
<td>30'</td>
<td>9½” x 6½” x 19”</td>
<td>2-year</td>
</tr>
<tr>
<td>A-05L</td>
<td>$676.99</td>
<td>1/2 HP</td>
<td>115</td>
<td>6.6</td>
<td>725</td>
<td>2” FPT</td>
<td>60 lbs.</td>
<td>30'</td>
<td>10” x 7” x 21”</td>
<td>2-year</td>
</tr>
<tr>
<td>A-21</td>
<td>$827.99</td>
<td>1 HP</td>
<td>115</td>
<td>10</td>
<td>1060</td>
<td>2” FPT</td>
<td>43 lbs.</td>
<td>30'</td>
<td>9½” x 7” x 21”</td>
<td>2-year</td>
</tr>
<tr>
<td>A-31</td>
<td>$1,064.99</td>
<td>1 HP</td>
<td>115</td>
<td>10</td>
<td>1160</td>
<td>3” FPT</td>
<td>50 lbs.</td>
<td>30'</td>
<td>10” x 8” x 23”</td>
<td>2-year</td>
</tr>
<tr>
<td>A-32</td>
<td>$1,463.99</td>
<td>2 HP</td>
<td>115</td>
<td>10</td>
<td>1600</td>
<td>3” FPT</td>
<td>88 lbs.</td>
<td>30'</td>
<td>10” x 9½” x 27”</td>
<td>2-year</td>
</tr>
</tbody>
</table>

### TIDALWAVE L-SERIES PUMPS

L-Series Direct Drive Axial pumps economically deliver very high volumes of water at low head through large diameter plumbing for wide waterfalls or where massive flows are required.

- **L-Series Direct Drive Axial pumps feature 3-inch male threaded outlets for ease in plumbing large diameter tubing.**
- **Heavy-duty cast iron and stainless steel housing ensures years of dependable service.**
- **Dual drive bearings and double silicone carbide mechanical seals reduce friction and wear, prolonging motor life.**
- **Thermal overload protection shuts down pump in low water conditions, to prevent serious damage due to overheating.**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>MOTOR</th>
<th>VOLTS</th>
<th>AMPS</th>
<th>WATTS</th>
<th>OUTLET</th>
<th>WEIGTH</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-305</td>
<td>$1,463.99</td>
<td>1/2 HP</td>
<td>115</td>
<td>8.4</td>
<td>710</td>
<td>3” MPT</td>
<td>60 lbs.</td>
<td>30'</td>
<td>9½” x 9½” x 19½”</td>
<td>2-year</td>
</tr>
<tr>
<td>L-310</td>
<td>$1,604.99</td>
<td>1 HP</td>
<td>115</td>
<td>10</td>
<td>1105</td>
<td>3” MPT</td>
<td>65 lbs.</td>
<td>30'</td>
<td>10” x 9½” x 19½”</td>
<td>2-year</td>
</tr>
</tbody>
</table>

### Axial Flow Pumps

Axial flow pumps work in a different way than centrifugal pumps. Unlike centrifugal pumps that sacrifice flow for pressure, axial pumps accelerate water through the pump without restriction. This gives them the ability to produce tremendous volumes but at very low pressures. Atlantic Axial pumps require large diameter plumbing that reduces friction pressure in order to deliver the massive flows they are capable of.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX FLOW</th>
<th>5'</th>
<th>10'</th>
<th>15'</th>
<th>20'</th>
<th>25'</th>
<th>30'</th>
<th>35'</th>
<th>40'</th>
<th>45'</th>
<th>50'</th>
<th>55'</th>
<th>60'</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-05</td>
<td>316</td>
<td>2840</td>
<td>2500</td>
<td>2155</td>
<td>1875</td>
<td>1455</td>
<td>935</td>
<td>330</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-05L</td>
<td>5040</td>
<td>4320</td>
<td>3600</td>
<td>2820</td>
<td>2150</td>
<td>1520</td>
<td>840</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-21</td>
<td>5810</td>
<td>5325</td>
<td>4824</td>
<td>3955</td>
<td>3770</td>
<td>3140</td>
<td>2400</td>
<td>1530</td>
<td>540</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-31</td>
<td>5900</td>
<td>850</td>
<td>6830</td>
<td>5535</td>
<td>4120</td>
<td>2580</td>
<td>625</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-32</td>
<td>5900</td>
<td>11040</td>
<td>10460</td>
<td>9780</td>
<td>9000</td>
<td>8280</td>
<td>7580</td>
<td>6780</td>
<td>5880</td>
<td>4920</td>
<td>3890</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Recommended Operating Range:**
- **Best Efficiency Point:**
- **Do Not Operate Range:**

Wattage is calculated at B.E.P. using the following formula: \( \text{Watts} = \text{Volts} \times \text{Amps} \times \text{PF} \).
The TidalWave VSC allows you to vary the output of TidalWave TT & TW-Series Asynchronous pumps wirelessly by remote control or mobile app! The VSC allows you to set both on and off times as well as adjust pump from max flow down to 25% in 10 levels of adjustment, giving you the ultimate control over water flow.

VARIABLE SPEED CONTROLLER

• All TidalWave Variable Speed Controllers are compatible with the TidalWave VSC app
• The VSC app allows you adjust the flow and power on/off your VSC
• Customize network name and password for secure access
• Effortlessly switch between multiple VSCs in Wi-Fi settings to control different water features
• Available for both Android and Apple smartphones and tablets

Download our new TidalWave VSC app on the App Store and Google Play to wirelessly control your Variable Speed Controller from your smartphone or tablet.

Unlike integrated variable speed controllers, where any failure of pump or controller renders everything non-operational, our Variable Speed Controller operates separately from the pump.

• The LCD screen on the control panel displays time of day, flow level, as well as a programmable on/off timer
• The VSC will retain the flow level and programmed on/off times even in the event of power loss
• Cord lock function to eliminate inadvertent plug disconnection
• Rugged weatherproof housing allows you to mount the control box outdoors near your pump
• Great for routine maintenance and feeding fish

Weatherproof output port locks pump cord in place.

Did you know?

It’s simple to control multiple pumps via the TidalWave VSC mobile application. Give each VSC its own specific network name and password under “Login Settings” in the drop down menu of the app. Switch between the different Wi-Fi networks to control each one independently.

TIDALWAVE ACCESSORIES

Add another dimension to your water garden with Atlantic’s Fountain Heads. Compatible with all of Atlantic’s Mag Drive Pumps, these versatile Fountain Heads pivot to making leveling easy, telescope to adjustable heights, and feature four different spray patterns to choose from.

DID YOU KNOW?

Unlike water level sensors and built-in thermal protectors, which allow pumps to repeatedly overheat, the TidalWave Pump Protector electronically monitors power fluctuation caused by adverse running conditions.

When the current change exceeds either of two pre-set levels, power to the Direct Drive pump is cut off until physically reset, no cycling on and off, no overheating.

PUMP PROTECTOR

• The number one cause of Direct Drive pump failure is overheating, often caused by voltage spikes, brownouts, running while not fully submerged or while blocked
• Regardless of the cause, Atlantic’s Pump Protector will automatically shut off Direct Drive pumps before they can be damaged
• The TidalWave Pump Protector electronically monitors power fluctuation caused by adverse running conditions
• When the current change exceeds either of two pre-set levels, power to the Direct Drive pump is cut off until physically reset, no cycling on and off, no overheating
• The TidalWave Pump Protector installs and calibrates easily to all 120V Direct Drive pumps drawing up to 14 Amps
• Protects TidalWave SH-, PAF-, A- and L-Series Direct Drive pumps against operating dry, current spikes, current drop, thermal cycling and low water flow

MODEL: MDH2575
MODEL: MDH1020

TELESCOPING FOUNTAIN HEADS

MODEL LIST FOR USE WITH CORD DIMENSIONS INCLUDES WARRANTY
TWVSC $162.99 TT Pumps up to 800 watts 6’ 6½ x 4½ x 2½” 2.4GHz Remote Control 3-year

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>FOR USE WITH</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>INCLUDES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWVSC</td>
<td></td>
<td></td>
<td>6’</td>
<td>6½ x 4½ x 2½”</td>
<td>2.4GHz Remote Control</td>
<td>3-year</td>
</tr>
</tbody>
</table>

Download our new TidalWave VSC app on the App Store and Google Play to wirelessly control your Variable Speed Controller from your smartphone or tablet.

DID YOU KNOW?

52

TELESCOPING FOUNTAIN HEADS

Add another dimension to your water garden with Atlantic’s Fountain Heads. Compatible with all of Atlantic’s Mag Drive Pumps, these versatile Fountain Heads pivot to making leveling easy, telescope to adjustable heights, and feature four different spray patterns to choose from.

MODEL LIST FOR USE WITH CORD DIMENSIONS INCLUDES WARRANTY
MDH2575 $18.99 Telescoping diverter w/ 4 interchangeable heads 1-year
MDH1020 $25.99 Telescoping diverter w/ 4 interchangeable heads 1-year

TELESCOPING FOUNTAIN HEADS

Add another dimension to your water garden with Atlantic’s Fountain Heads. Compatible with all of Atlantic’s Mag Drive Pumps, these versatile Fountain Heads pivot to making leveling easy, telescope to adjustable heights, and feature four different spray patterns to choose from.

MODEL LIST FOR USE WITH CORD DIMENSIONS INCLUDES WARRANTY
MDH2575 $18.99 Telescoping diverter w/ 4 interchangeable heads 1-year
MDH1020 $25.99 Telescoping diverter w/ 4 interchangeable heads 1-year

TELESCOPING FOUNTAIN HEADS

Add another dimension to your water garden with Atlantic’s Fountain Heads. Compatible with all of Atlantic’s Mag Drive Pumps, these versatile Fountain Heads pivot to making leveling easy, telescope to adjustable heights, and feature four different spray patterns to choose from.

MODEL LIST FOR USE WITH CORD DIMENSIONS INCLUDES WARRANTY
MDH2575 $18.99 Telescoping diverter w/ 4 interchangeable heads 1-year
MDH1020 $25.99 Telescoping diverter w/ 4 interchangeable heads 1-year

TELESCOPING FOUNTAIN HEADS

Add another dimension to your water garden with Atlantic’s Fountain Heads. Compatible with all of Atlantic’s Mag Drive Pumps, these versatile Fountain Heads pivot to making leveling easy, telescope to adjustable heights, and feature four different spray patterns to choose from.

MODEL LIST FOR USE WITH CORD DIMENSIONS INCLUDES WARRANTY
MDH2575 $18.99 Telescoping diverter w/ 4 interchangeable heads 1-year
MDH1020 $25.99 Telescoping diverter w/ 4 interchangeable heads 1-year
Atlantic offers the best of everything you need to install your water features, without ever compromising quality. From innovative products designed with you in mind, like the award winning Triton Check Valve, to fittings, foam, tubing and liner all proudly manufactured in the USA, Atlantic installation accessories will stand the test of time.

SUPERIOR WATER FEATURES START WITH THE RIGHT EQUIPMENT

- Triton Check Valves custom fit every Atlantic application and adapt to all other manufacturers’ equipment for the greatest versatility and convenience for the installer
- Atlantic high density FallsFoam available in gun cartridge and single use cans resists ultraviolet light and weathering for years of dependable service
- Compact, fully adjustable Automatic Fill Valves install easily to top water off automatically, saving time, trouble and pumps
- American-made flexible PVC pipe has greater flexibility for easier installation
- Carlisle Aquatough liner with J-Tear technology reduces inadvertent rips and leaks

MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VALVE DIMENSIONS</th>
<th>INLET</th>
<th>OUTLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR215CV</td>
<td>$67.99</td>
<td>5 ⅝&quot;L x 3½&quot;W x 10&quot;H</td>
<td>1½&quot; or 2&quot; MIPT</td>
<td>1½&quot; or 2&quot; socket</td>
<td>3-year</td>
</tr>
<tr>
<td>AWGCV30</td>
<td>$156.99</td>
<td>11&quot;H x 5½&quot;W x 15½&quot;H</td>
<td>3&quot; socket</td>
<td>3&quot; rubber coupling</td>
<td>3-year</td>
</tr>
</tbody>
</table>

Atlantic’s Triton TR215CV Check Valve is the first and only specifically designed for water feature use

- Included adapters accommodate multiple pumps, skimmer, vault and plumbing options
- Single unions above and below the check valve speed removal of the valve and pump for servicing, maintenance and winterizing

TRITON CHECK VALVE FEATURES:

1. Full flow swing valve with inlet and outlet unions and a replaceable gasket.
2. Includes discharge fittings for ¾” and 2" PVC pipe and 1” – 1½” tapered insert fitting for metric and ASTM standard tubing.
3. Reversible discharge pipe works with all 1½” and 2” discharge TidalWave pumps and Atlantic equipment.
4. Molded “perfect-cut” dimensions to identify proper lengths for Atlantic product and cut-to-fit ⅞” increments on the reverse side.
5. Discharge extension for use with taller Atlantic equipment.
6. Maximum assembled height of 23” from the pump discharge to the center of the outlet pipe can be extended to any length using 2” Sch 40 pipe and fittings.

INSTALLATION

Atlantic offers the best of everything you need to install your water features, without ever compromising quality. From innovative products designed with you in mind, like the award winning Triton Check Valve, to fittings, foam, tubing and liner all proudly manufactured in the USA, Atlantic installation accessories will stand the test of time.

SUPERIOR WATER FEATURES START WITH THE RIGHT EQUIPMENT

- Triton Check Valves custom fit every Atlantic application and adapt to all other manufacturers’ equipment for the greatest versatility and convenience for the installer
- Atlantic high density FallsFoam available in gun cartridge and single use cans resists ultraviolet light and weathering for years of dependable service
- Compact, fully adjustable Automatic Fill Valves install easily to top water off automatically, saving time, trouble and pumps
- American-made flexible PVC pipe has greater flexibility for easier installation
- Carlisle Aquatough liner with J-Tear technology reduces inadvertent rips and leaks

MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VALVE DIMENSIONS</th>
<th>INLET</th>
<th>OUTLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR215CV</td>
<td>$67.99</td>
<td>5 ⅝&quot;L x 3½&quot;W x 10&quot;H</td>
<td>1½&quot; or 2&quot; MIPT</td>
<td>1½&quot; or 2&quot; socket</td>
<td>3-year</td>
</tr>
<tr>
<td>AWGCV30</td>
<td>$156.99</td>
<td>11&quot;H x 5½&quot;W x 15½&quot;H</td>
<td>3&quot; socket</td>
<td>3&quot; rubber coupling</td>
<td>3-year</td>
</tr>
</tbody>
</table>

Atlantic’s Triton TR215CV Check Valve is the first and only specifically designed for water feature use

- Included adapters accommodate multiple pumps, skimmer, vault and plumbing options
- Single unions above and below the check valve speed removal of the valve and pump for servicing, maintenance and winterizing

TRITON CHECK VALVE FEATURES:

1. Full flow swing valve with inlet and outlet unions and a replaceable gasket.
2. Includes discharge fittings for ¾” and 2" PVC pipe and 1” – 1½” tapered insert fitting for metric and ASTM standard tubing.
3. Reversible discharge pipe works with all 1½” and 2” discharge TidalWave pumps and Atlantic equipment.
4. Molded “perfect-cut” dimensions to identify proper lengths for Atlantic product and cut-to-fit ⅞” increments on the reverse side.
5. Discharge extension for use with taller Atlantic equipment.
6. Maximum assembled height of 23” from the pump discharge to the center of the outlet pipe can be extended to any length using 2” Sch 40 pipe and fittings.

INSTALLATION

Atlantic offers the best of everything you need to install your water features, without ever compromising quality. From innovative products designed with you in mind, like the award winning Triton Check Valve, to fittings, foam, tubing and liner all proudly manufactured in the USA, Atlantic installation accessories will stand the test of time.

SUPERIOR WATER FEATURES START WITH THE RIGHT EQUIPMENT

- Triton Check Valves custom fit every Atlantic application and adapt to all other manufacturers’ equipment for the greatest versatility and convenience for the installer
- Atlantic high density FallsFoam available in gun cartridge and single use cans resists ultraviolet light and weathering for years of dependable service
- Compact, fully adjustable Automatic Fill Valves install easily to top water off automatically, saving time, trouble and pumps
- American-made flexible PVC pipe has greater flexibility for easier installation
- Carlisle Aquatough liner with J-Tear technology reduces inadvertent rips and leaks

MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VALVE DIMENSIONS</th>
<th>INLET</th>
<th>OUTLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR215CV</td>
<td>$67.99</td>
<td>5 ⅝&quot;L x 3½&quot;W x 10&quot;H</td>
<td>1½&quot; or 2&quot; MIPT</td>
<td>1½&quot; or 2&quot; socket</td>
<td>3-year</td>
</tr>
<tr>
<td>AWGCV30</td>
<td>$156.99</td>
<td>11&quot;H x 5½&quot;W x 15½&quot;H</td>
<td>3&quot; socket</td>
<td>3&quot; rubber coupling</td>
<td>3-year</td>
</tr>
</tbody>
</table>

Atlantic’s Triton TR215CV Check Valve is the first and only specifically designed for water feature use

- Included adapters accommodate multiple pumps, skimmer, vault and plumbing options
- Single unions above and below the check valve speed removal of the valve and pump for servicing, maintenance and winterizing

TRITON CHECK VALVE FEATURES:

1. Full flow swing valve with inlet and outlet unions and a replaceable gasket.
2. Includes discharge fittings for ¾” and 2" PVC pipe and 1” – 1½” tapered insert fitting for metric and ASTM standard tubing.
3. Reversible discharge pipe works with all 1½” and 2” discharge TidalWave pumps and Atlantic equipment.
4. Molded “perfect-cut” dimensions to identify proper lengths for Atlantic product and cut-to-fit ⅞” increments on the reverse side.
5. Discharge extension for use with taller Atlantic equipment.
6. Maximum assembled height of 23” from the pump discharge to the center of the outlet pipe can be extended to any length using 2” Sch 40 pipe and fittings.

INSTALLATION

Atlantic offers the best of everything you need to install your water features, without ever compromising quality. From innovative products designed with you in mind, like the award winning Triton Check Valve, to fittings, foam, tubing and liner all proudly manufactured in the USA, Atlantic installation accessories will stand the test of time.

SUPERIOR WATER FEATURES START WITH THE RIGHT EQUIPMENT

- Triton Check Valves custom fit every Atlantic application and adapt to all other manufacturers’ equipment for the greatest versatility and convenience for the installer
- Atlantic high density FallsFoam available in gun cartridge and single use cans resists ultraviolet light and weathering for years of dependable service
- Compact, fully adjustable Automatic Fill Valves install easily to top water off automatically, saving time, trouble and pumps
- American-made flexible PVC pipe has greater flexibility for easier installation
- Carlisle Aquatough liner with J-Tear technology reduces inadvertent rips and leaks

MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VALVE DIMENSIONS</th>
<th>INLET</th>
<th>OUTLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR215CV</td>
<td>$67.99</td>
<td>5 ⅝&quot;L x 3½&quot;W x 10&quot;H</td>
<td>1½&quot; or 2&quot; MIPT</td>
<td>1½&quot; or 2&quot; socket</td>
<td>3-year</td>
</tr>
<tr>
<td>AWGCV30</td>
<td>$156.99</td>
<td>11&quot;H x 5½&quot;W x 15½&quot;H</td>
<td>3&quot; socket</td>
<td>3&quot; rubber coupling</td>
<td>3-year</td>
</tr>
</tbody>
</table>

Atlantic’s Triton TR215CV Check Valve is the first and only specifically designed for water feature use

- Included adapters accommodate multiple pumps, skimmer, vault and plumbing options
- Single unions above and below the check valve speed removal of the valve and pump for servicing, maintenance and winterizing

TRITON CHECK VALVE FEATURES:

1. Full flow swing valve with inlet and outlet unions and a replaceable gasket.
2. Includes discharge fittings for ¾” and 2" PVC pipe and 1” – 1½” tapered insert fitting for metric and ASTM standard tubing.
3. Reversible discharge pipe works with all 1½” and 2” discharge TidalWave pumps and Atlantic equipment.
4. Molded “perfect-cut” dimensions to identify proper lengths for Atlantic product and cut-to-fit ⅞” increments on the reverse side.
5. Discharge extension for use with taller Atlantic equipment.
6. Maximum assembled height of 23” from the pump discharge to the center of the outlet pipe can be extended to any length using 2” Sch 40 pipe and fittings.

INSTALLATION

Atlantic offers the best of everything you need to install your water features, without ever compromising quality. From innovative products designed with you in mind, like the award winning Triton Check Valve, to fittings, foam, tubing and liner all proudly manufactured in the USA, Atlantic installation accessories will stand the test of time.

SUPERIOR WATER FEATURES START WITH THE RIGHT EQUIPMENT

- Triton Check Valves custom fit every Atlantic application and adapt to all other manufacturers’ equipment for the greatest versatility and convenience for the installer
- Atlantic high density FallsFoam available in gun cartridge and single use cans resists ultraviolet light and weathering for years of dependable service
- Compact, fully adjustable Automatic Fill Valves install easily to top water off automatically, saving time, trouble and pumps
- American-made flexible PVC pipe has greater flexibility for easier installation
- Carlisle Aquatough liner with J-Tear technology reduces inadvertent rips and leaks

MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VALVE DIMENSIONS</th>
<th>INLET</th>
<th>OUTLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR215CV</td>
<td>$67.99</td>
<td>5 ⅝&quot;L x 3½&quot;W x 10&quot;H</td>
<td>1½&quot; or 2&quot; MIPT</td>
<td>1½&quot; or 2&quot; socket</td>
<td>3-year</td>
</tr>
<tr>
<td>AWGCV30</td>
<td>$156.99</td>
<td>11&quot;H x 5½&quot;W x 15½&quot;H</td>
<td>3&quot; socket</td>
<td>3&quot; rubber coupling</td>
<td>3-year</td>
</tr>
</tbody>
</table>

Atlantic’s Triton TR215CV Check Valve is the first and only specifically designed for water feature use

- Included adapters accommodate multiple pumps, skimmer, vault and plumbing options
- Single unions above and below the check valve speed removal of the valve and pump for servicing, maintenance and winterizing

TRITON CHECK VALVE FEATURES:

1. Full flow swing valve with inlet and outlet unions and a replaceable gasket.
2. Includes discharge fittings for ¾” and 2" PVC pipe and 1” – 1½” tapered insert fitting for metric and ASTM standard tubing.
3. Reversible discharge pipe works with all 1½” and 2” discharge TidalWave pumps and Atlantic equipment.
4. Molded “perfect-cut” dimensions to identify proper lengths for Atlantic product and cut-to-fit ⅞” increments on the reverse side.
5. Discharge extension for use with taller Atlantic equipment.
6. Maximum assembled height of 23” from the pump discharge to the center of the outlet pipe can be extended to any length using 2” Sch 40 pipe and fittings.
**FALLSFOAM**

- FallsFoam fills voids and keeps water flowing on top of waterfall rocks instead of under them.
- Atlantic’s high density closed cell FallsFoam resists foot traffic and waterlogging.

**FALLSFOAM GUNS**

- Foam Guns feature a 7” barrel length for hard to reach areas.
- Durable solvent resistant construction.
- Adjustable nozzle to control bead width.

**MODEL LIST DESCRIPTION FOR USE WITH WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>FOR USE WITH</th>
<th>SIZE</th>
<th>WARRANTY / SHELF LIFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF1100</td>
<td>$13.99</td>
<td>DIY Black Waterfall Foam Can w/ applicator straw</td>
<td>---</td>
<td>12 oz.</td>
<td>1 year from Born on Date</td>
</tr>
<tr>
<td>LF1300</td>
<td>$27.99</td>
<td>Professional Black Waterfall Foam Foam Guns</td>
<td>Foam Guns</td>
<td>29 oz.</td>
<td>1 year from Born on Date</td>
</tr>
<tr>
<td>LF1325</td>
<td>$21.99</td>
<td>Foam Gun Cleaner Can w/ optional spray nozzle Foam Guns</td>
<td>Foam Guns</td>
<td>12 oz.</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**RTV SILICONE SEALANT**

- Black RTV Silicone Sealant is used to create a watertight seal where liner is attached to filtration components. RTV Silicone used in conjunction with Atlantic’s molded inserts, liner retention flanges and stainless steel hardware ensures a watertight connection every time.
- Atlantic’s Room Temperature Vulcanization formula cures quickly for a permanent flexible seal.
- Available in both small tube and gun cartridge sizes.

**MODEL LIST SIZE WEIGHT WARRANTY / SHELF LIFE**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
<th>WARRANTY / SHELF LIFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FH015</td>
<td>$48.99</td>
<td>1/4” x 25’ PVC Black Flex Pipe</td>
<td>15 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH050</td>
<td>$53.99</td>
<td>1/4” x 50’ PVC Black Flex Pipe</td>
<td>25 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH225</td>
<td>$69.99</td>
<td>2” x 25’ PVC Black Flex Pipe</td>
<td>18 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH250</td>
<td>$129.99</td>
<td>2” x 50’ PVC Black Flex Pipe</td>
<td>36 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH350</td>
<td>$238.99</td>
<td>3” x 50’ PVC Black Flex Pipe</td>
<td>70 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH7500</td>
<td>$719.99</td>
<td>1” x 100’ PVC Kink-Free Tubing</td>
<td>9 lbs.</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**FLEXIBLE PVC PIPING**

Atlantic’s top quality, American made Schedule 40 PVC piping is heavy-walled, extremely flexible and incredibly durable. Decrease labor and maximize pump flow with flexible PVC piping.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FH015</td>
<td>$48.99</td>
<td>1/4” x 25’ PVC Black Flex Pipe</td>
<td>15 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH050</td>
<td>$53.99</td>
<td>1/4” x 50’ PVC Black Flex Pipe</td>
<td>25 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH225</td>
<td>$69.99</td>
<td>2” x 25’ PVC Black Flex Pipe</td>
<td>18 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH250</td>
<td>$129.99</td>
<td>2” x 50’ PVC Black Flex Pipe</td>
<td>36 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH350</td>
<td>$238.99</td>
<td>3” x 50’ PVC Black Flex Pipe</td>
<td>70 lbs.</td>
<td>5-year</td>
</tr>
<tr>
<td>FH7500</td>
<td>$719.99</td>
<td>1” x 100’ PVC Kink-Free Tubing</td>
<td>9 lbs.</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**AUTO FILL**

Atlantic’s AFI1000 Automatic Fill Valve maintains a consistent water level in all Atlantic Skimmers, Pump Vaults, Colorfalls and Fountain Basins.

- Includes fittings to connect to a water supply using standard garden hose, 1/2” irrigation line and 1/2” Sch 40 PVC.
- Supplies 15 gallons per minute at up to 80 psi.

**MODEL LIST DESCRIPTION WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFI1000</td>
<td>$33.99</td>
<td>1/2” MIPT Auto Fill Kit</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**FITTINGS**

- Supplies 1.5 gallons per minute at up to 80 psi.

**MODEL LIST SIZE DESCRIPTION**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA1500</td>
<td>$7.99</td>
<td>Black RTV Silicone Tube</td>
</tr>
<tr>
<td>SN10300</td>
<td>$15.99</td>
<td>Black RTV Silicone Cartridge</td>
</tr>
</tbody>
</table>

**MODEL LIST DESCRIPTION SIZE WARRANTY / SHELF LIFE**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
<th>WARRANTY / SHELF LIFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA350</td>
<td>$10.99</td>
<td>Bulkhead (MIPT x FIPT)</td>
<td>1-1/2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>HA7500</td>
<td>$17.99</td>
<td>Bulkhead (MIPT x FIPT)</td>
<td>2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>HA10000</td>
<td>$54.99</td>
<td>Bulkhead (MIPT x FIPT)</td>
<td>3”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>436-015B</td>
<td>$5.99</td>
<td>Male Thread Adaptor (MIPT x Slip) - Black</td>
<td>1-1/2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>436-020B</td>
<td>$15.99</td>
<td>Male Thread Adaptor (MIPT x Slip) - Black</td>
<td>2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>436-030</td>
<td>$2.99</td>
<td>Coupling (Slip x Slip) - Black</td>
<td>1-1/2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>439-020B</td>
<td>$5.99</td>
<td>Coupling (Slip x Slip) - Black</td>
<td>2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>429-015B</td>
<td>$11.99</td>
<td>Coupling (Slip x Slip) - Black</td>
<td>1-1/2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>406-015B</td>
<td>$5.95</td>
<td>90° (Slip x Slip) - Black</td>
<td>1-1/2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>406-020B</td>
<td>$6.99</td>
<td>90° (Slip x Slip) - Black</td>
<td>2”</td>
<td>2 years from Born on Date</td>
</tr>
<tr>
<td>406-030</td>
<td>$21.99</td>
<td>90° (Slip x Slip) - Black</td>
<td>3”</td>
<td>2 years from Born on Date</td>
</tr>
</tbody>
</table>
Carlisle’s AquaTough EPDM Pond Liner features J-Tear technology, to keep inadvertent rips and tears from propagating and creating a leak. If a tear occurs at the edge of the liner, the tear will travel for a short distance and then change direction and attempt to turn back on itself. This results in a small tear, rather than a large rip.

### BOXED LINER

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SIZE</th>
<th>BOX DIMENSIONS</th>
<th>WEIGHT</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LI810-B</td>
<td>8’ x 10’</td>
<td>12” x 12” x 15”</td>
<td>27 lbs.</td>
<td>Limited Lifetime</td>
</tr>
<tr>
<td>LI1010-B</td>
<td>10’ x 10’</td>
<td>12” x 12” x 15”</td>
<td>33 lbs.</td>
<td>Limited Lifetime</td>
</tr>
<tr>
<td>LI1015-B</td>
<td>10’ x 10’</td>
<td>12” x 12” x 15”</td>
<td>48 lbs.</td>
<td>Limited Lifetime</td>
</tr>
<tr>
<td>LI1515-B</td>
<td>15’ x 10’</td>
<td>12” x 24” x 15”</td>
<td>71 lbs.</td>
<td>Limited Lifetime</td>
</tr>
<tr>
<td>LI1520-B</td>
<td>15’ x 10’</td>
<td>12” x 24” x 15”</td>
<td>94 lbs.</td>
<td>Limited Lifetime</td>
</tr>
<tr>
<td>LI2020-B</td>
<td>20’ x 10’</td>
<td>12” x 56” x 15”</td>
<td>117 lbs.</td>
<td>Limited Lifetime</td>
</tr>
<tr>
<td>LI1015-B</td>
<td>10’ x 10’</td>
<td>12” x 24” x 15”</td>
<td>119 lbs.</td>
<td>Limited Lifetime</td>
</tr>
<tr>
<td>LI2025-B</td>
<td>20’ x 10’</td>
<td>12” x 56” x 15”</td>
<td>150 lbs.</td>
<td>Limited Lifetime</td>
</tr>
</tbody>
</table>

### UNDERLayment

Non-woven polypropylene fabric protects liner against cuts, roots and abrasion.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PU1212</td>
<td>$48.99</td>
<td>12’ x 12’</td>
<td>Pond Underlayment (single bag)</td>
</tr>
<tr>
<td>PU1225</td>
<td>$87.99</td>
<td>12’ x 25’</td>
<td>Pond Underlayment (single bag)</td>
</tr>
<tr>
<td>PU2100</td>
<td>$256.99</td>
<td>12’ x 100’</td>
<td>Pond Underlayment (full roll w/ 6’ core)</td>
</tr>
</tbody>
</table>

### LINER REPAIR KITS

Be Prepared – have our convenient repair products on hand before “accidents happen”.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>INCLUDES</th>
</tr>
</thead>
<tbody>
<tr>
<td>LI REPAIRKIT-SM</td>
<td>$69.99</td>
<td></td>
<td>Small Liner Repair Kit</td>
</tr>
<tr>
<td>LI REPAIRKIT-LG</td>
<td>$206.99</td>
<td></td>
<td>Large Liner Repair Kit</td>
</tr>
</tbody>
</table>

*Primer sales restricted in certain states.

### LINER ACCESSORIES

Seam Tape and Primer work together to create watertight seams and repair inadvertent rips and tears.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>LI SEAMTAPE3</td>
<td>$130.99</td>
<td>3’ x 10’</td>
<td>Seam Tape</td>
</tr>
<tr>
<td>LI SEAMTAPE6S</td>
<td>$508.99</td>
<td>6’ x 100’</td>
<td>Curved Cover Strip</td>
</tr>
<tr>
<td>LI PRIMERQT</td>
<td>$24.99</td>
<td>1 quart</td>
<td>Multi-Purpose Primer*</td>
</tr>
<tr>
<td>LI PRIMERGL</td>
<td>$65.99</td>
<td>1 gallon</td>
<td>Multi-Purpose Primer*</td>
</tr>
<tr>
<td>LI PRIMERGAL-L</td>
<td>$156.99</td>
<td>1 gallon</td>
<td>Low VOC Multi-Purpose Primer</td>
</tr>
</tbody>
</table>

*Primer sales restricted in certain states.
### Warm White Lighting

**CREATE A VIBRANT NIGHTTIME ATMOSPHERE**

- Designed to dissipate heat and resist corrosion for the longest lasting most dependable lights on the market
- Silicone gaskets and precision lenses guarantee weather and waterproof performance
- Atlantic submersible lighting can be used in or out of the water, illuminating your water feature or landscape
- SOL-submersible Spot Lights feature top-quality 40,000-hour Cree diodes
- Replaceable diodes for the ultimate longevity

**NEW!**

**MODEL: SOLWPL1**
- Atlantic’s Warm White LED Pond Lights are economical and easy to install
- Pond Lights can be used both underwater and in open air applications
- Removable photo cell eliminates the need for timers and switches
- Light sensor automatically turns lights on at dusk and off after 6 hours of operation

**MODEL: SOLWPL3**
- Durable plastic housing resists impact and temperature extremes
- Triple light kit features 12-feet of cord from transformer to junction, then a generous 8-foot of cord to each light
- Replaceable diode assembly for long service life
- Can be used with all other Atlantic Warm White Lighting

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>INPUT</th>
<th>WATTS</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>INCLUDES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLWPL1</td>
<td>$44.99</td>
<td>12 volt AC</td>
<td>1</td>
<td>20’</td>
<td>2½” x 2”W</td>
<td>Light base, removable photocell, and outdoor transformer</td>
<td>1-year</td>
</tr>
<tr>
<td>SOLWPL3</td>
<td>$93.99</td>
<td>12 volt AC</td>
<td>3</td>
<td>27’ Overall (4’ pigtail on individual lights)</td>
<td>(3) 2½” x 2”W</td>
<td>Light base, removable photocell, and outdoor transformer</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**TECH TIP**

Broad base allows lights to be set in gravel at the bottom of the pond or directly underneath waterfalls to illuminate the water column from below. Bases can be easily removed from the lights so they can be nestled into tight spaces in the rocks around the pond and stream.
Unlike many built in fixtures, Atlantic's Hardscape Lights feature a removable LED diode assembly that attaches with two stainless steel screws. Simply loosen the screws and unplug the assembly to remove the old lightbar and replace with the new. Use dielectric silicone grease on the plug to maintain water resistance.

• Hardscape Lights come in classic oil rubbed bronze finish to complement any wall
• Hardscape Lights brighten walls, columns or steps evenly, without hot spots
• Hardscape Lights feature a LED fixture that can be replaced without removing caps to access wiring
• Spout Lights create a plume of illuminated water flowing from Wall Spouts and from within fountains
• Spout Lights feature easily replaceable LED diodes
• Solid brass construction for durability and longevity
• All lights have a 20’ power cord and quick-connect plug for easy installation
• 2800 Kelvin color temperature matches halogen and incandescent lighting
• Every light carries a five-year limited warranty

MODEL LIST WATTS INCLUDES WARRANTY
SOLWH06 $112.99 12 volt AC 0.75 150 Degrees 6” x ⅞”W x ⅞”H Quick-connect plugs and mounting plate SOL30X4 or SOLW88X10 5-year Limited
SOLWH12 $143.99 12 volt AC 1.5 150 Degrees 12” x ⅞”W x ⅞”H Quick-connect plugs and mounting plate SOL30X4 or SOLW88X10 5-year Limited
SOLWSL2 $92.99 12 volt AC 2 45 Degrees 1½”L x 1½”W x 1⅝”H Quick-connect plugs SOL30X4 or SOLW88X10 5-year Limited

• Solid Brass Construction for Durability and Longevity
• Classic Oil Rubbed Bronze Finish Blends into Any Landscape or Water Feature
• Easily replace LED diodes in both SOLW2 and SOLW6 Spotlights
• 2800 Kelvin color temperature matches halogen and incandescent lighting
• All lights have a 20’ power cord and quick-connect plug for easy installation
• Lights carry a five-year limited warranty

COMBO PACK
• Atlantic’s Combo Pack matches four waterproof 2 watt Spotlights, water resistant transformer and splitter in one convenient package
• Lights come with both ground stakes and light bases for stabilizing the light in either landscapes or water features

MODEL LIST WATTS INCLUDES WARRANTY
SOLW2X4 $129.99 8 (4) SOLW2 Compact Spotlights, 50 watt / 12 volt AC transformer and 4-way splitter 5-year Limited

WARM WHITE HARDSCAPE LIGHTING
Atlantic’s SOL Warm White LED Systems make lighting your whole yard easy, no matter what your desired layout may be. In the example below, a single SOLW88X10 Kit provides all the splitters and extensions needed to power up to 10 SOL Warm White LED lights, from backdrop lighting to accent lighting to under counter units, illuminating the whole area beautifully.
**COLOR CHANGING LIGHTING**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>INPUT</th>
<th>WATTS</th>
<th>BEAM ANGLE</th>
<th>DIMENSIONS</th>
<th>INCLUDES</th>
<th>REQUIRES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLCC2</td>
<td>$111.99</td>
<td>12 volt DC / 6-wire</td>
<td>1 - 2.5 W</td>
<td>45 Degrees</td>
<td>3½” x 7¼” W</td>
<td>Quick-connect plug, stand &amp; ground stake</td>
<td>SOLCCMX5 or SOLCCMX7</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>SOLCC6</td>
<td>$149.99</td>
<td>12 volt DC / 6-wire</td>
<td>3 - 6 W</td>
<td>60 Degrees</td>
<td>5½” x 2” W</td>
<td>Quick-connect plug, stand &amp; ground stake</td>
<td>SOLCCMX5 or SOLCCMX7</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>SOLCCLR</td>
<td>$149.99</td>
<td>12 volt DC / 6-wire</td>
<td>2 - 6 W</td>
<td>150 Degrees</td>
<td>3½”OD x 1¼”ID x ¾”H</td>
<td>Quick-connect plug</td>
<td>SOLCCMX5 or SOLCCMX7</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>

**MODEL LIST INPUT WATTS BEAM ANGLE DIMENSIONS INCLUDES REQUIRES WARRANTY**

**SOLCCH06**
- Color Changing LED lights last longer and cost less to operate than halogen alternatives
- Lights function equally well in submerged and open air applications
- Solid brass construction for durability and longevity
- Classic oil rubbed bronze finish blends into any landscape or water feature
- Easily replace LED diodes in both SOLCC2 and SOLCC6 Spotlights

**MODEL: SOLCC2X3**
- Color Changing Control Module, Remote Control, water resistant transformer and splitter in one convenient package
- Lights come with both spikes and light bases for stabilizing the light in either landscapes or water features

**COMBO PACK**
- Atlantic's Combo Pack matches three waterproof small Spotlights, Color Changing Control Module, Remote Control, water resistant transformer and splitter in one convenient package
- Lights come with both spikes and light bases for stabilizing the light in either landscapes or water features

**COLOR CHANGING HARDSCAPE LIGHTING**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>INPUT</th>
<th>WATTS</th>
<th>BEAM ANGLE</th>
<th>DIMENSIONS</th>
<th>INCLUDES</th>
<th>REQUIRES</th>
<th>WARRANTY</th>
</tr>
</thead>
</table>
| Hardscape Lights come in classic oil rubbed bronze finish to complement any wall
- Hardscape Lights highlight walls, columns or steps evenly with color, without hot spots
- Hardscape Lights feature a LED fixture that can be replaced without removing caps to access wiring
- Spout Lights create a colorful plume of water flowing from Wall Spouts and from within fountains
- Spout Lights feature easily replaceable LED diodes

**MODEL: SOLCCMX3 and SOLCCMX7**
- RGB system provides control over 48 different colors and 18 preset modes
- All lights have a 20’ power cord and quick-connect plug for easy installation
- Every light carries a five-year limited warranty

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>INPUT</th>
<th>WATTS</th>
<th>BEAM ANGLE</th>
<th>DIMENSIONS</th>
<th>INCLUDES</th>
<th>REQUIRES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLCCMX3</td>
<td>$148.99</td>
<td>12 volt DC / 6-wire</td>
<td>0.75 - 2 W</td>
<td>150 Degrees</td>
<td>4½” x 1½” W x 1½” H</td>
<td>Quick-connect plugs and mounting plate</td>
<td>SOLCCMX5 or SOLCCMX7</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>SOLCCMX7</td>
<td>$184.99</td>
<td>12 volt DC / 6-wire</td>
<td>1 - 3 W</td>
<td>150 Degrees</td>
<td>12½” x 1½” W x 1½” H</td>
<td>Quick-connect plugs and mounting plate</td>
<td>SOLCCMX5 or SOLCCMX7</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>SOLCCMX</td>
<td>$235.99</td>
<td>12 volt DC / 6-wire</td>
<td>1 - 2.5 W</td>
<td>45 Degrees</td>
<td>1½” x 1½” W x 1½” H</td>
<td>Quick-connect plugs</td>
<td>SOLCCMX5 or SOLCCMX7</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>

**COLOR CHANGING SOL LIGHTS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>WATTS</th>
<th>BEAM ANGLE</th>
<th>DIMENSIONS</th>
<th>INCLUDES</th>
<th>REQUIRES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLCC2X3</td>
<td>$453.99</td>
<td>3 - 7.5 W</td>
<td>(3) SOLCC2 Compact Spotlights, 32 watt / 12 volt AC transformer, 3-way / 6-wire splitter, control module and remote control</td>
<td>5-year Limited</td>
<td>Control Module: 1-year</td>
<td>5-year Limited</td>
<td></td>
</tr>
</tbody>
</table>

**TECH TIP**
- SOL Lights are fully compatible with our SOL Changing Colorfalls. Link any SOL Changing Lights or SOL Changing Colorfalls up to 80 watts with the SOL Changing wiring components. Synchronize to a single Control Module and control all of your SOL Lights and Colorfalls from a single remote.
MODEL: SOLTRANS88
- Transformers provide dependable low voltage AC current to Atlantic LED lighting systems
- Solid state Transformers are fully weatherproof for worry-free external installations

MODEL: SOLCCSPL3
- 6-wire Splitters and Extension Cords can be linked together to add additional lights to any Color Changing Lighting System
- Silicone O-rings protect threaded plugs and caps for water resistant connections under any conditions

MODEL: SOLCCEXT
- SOLTRANS88 - TRANSFORMER
- SOLCCSPL3 - 3-WAY SPLITTER
- SOLCCEXT - EXTENSION CORD
- SOLCCSL2 - SPOUT LIGHT
- CC24 - 24" COLORFALLS
- SOLCCH06 - 6" HARDSCAPE LIGHT

MODEL LIST | DESCRIPTION | INPUT | OUTPUT | INCLUDES | WARRANTY
--- | --- | --- | --- | --- | ---
SOLTRANS88 | $94.99 | 88 Watt Transformer | 120 volt AC | 12 volt AC / 2-wire | 1-year
SOLCCSPL3 | $279.99 | 3-way Splitter / 6-wire | 12 volt DC / 6-wire | Weather-resistant caps | 5-year
SOLCCEXT | $319.99 | 20’ Extension Cord / 6-wire | 12 volt DC / 6-wire | --- | 5-year

Create a symphony of brilliant color in your backyard oasis with Atlantic's SOL Color Changing LED Systems. Below, Color Changing Colorfalls provide the main notes, accented by Spouts fitted with Spout Lights to either side and underscored by Scuppers lit from below with Color Changing Light Rings, all easily linked and synced to a single remote control.

WIRING KITS

MODEL: SOLCCMX3
- SOLCCMX3 Wiring Kit provides connections to any three Color Changing Lights
- SOLCCMX7 powers up to seven Color Changing Lights, with photo cell activation and timer capabilities

MODEL LIST | DESCRIPTION | INPUT | OUTPUT | INCLUDES | WARRANTY
--- | --- | --- | --- | --- | ---
SOLCCMX3 | $159.99 | Color Changing 3 Light Wiring Kit | 120 volt AC | 12 volt DC / 6-wire | 1-way Splitter, Control Module & Remote Control | 1-year
SOLCCMX7 | $506.99 | Color Changing 7 Light Wiring Kit | 120 volt AC | 12 volt DC / 6-wire | 88 Watt / 12 volt AC Transformer, 3-way / 6-wire Splitters, Control Module & Remote Control | 1-year

LIGHTING DIAGRAM
MAINTENANCE

Atlantic offers a full line of maintenance products that will keep your water feature healthy and beautiful for years to come. Our Triton Ionizer and Biocuda treatments keep your pond crystal clear. The Pond & Garden Protectors prevent accumulation of leaves and debris when the weather is less favorable. Winter or summer, Typhoon Air Pumps keep water moving and fish healthy. Whatever your maintenance needs, Atlantic has you covered!

KEEP YOUR WATER FEATURE CLEAN AND CLEAR ALL YEAR LONG

• The Triton Ionizer integrates seamlessly to the Triton Check Valve or directly to PVC or kink-free pipe for the easiest installation possible
• Biocuda treatments offer a wide variety for solutions for all of your aquatic needs
• Typhoon Air products keep ponds clear and free of ice year-round in the most economical manner possible
• Pond & Garden Protectors and Ultra Nets provide all-season protection for ponds, water features and gardens reliably and inexpensively

TRITON IONIZER

• Ionizers mineralize the water to keep water features clean and clear with minimal oversight
• Easily installed in any new or existing water feature
• Atlantic’s TRION3 Ionizer integrates seamlessly with the TR215CV Check Valve
• Level of mineralization is controlled by the LED panel
• Clears water without the use of harsh chemicals
• Safe for fish and plants when used correctly
• Treats ponds up to 25,000 gallons
• Electrodes are easily replaced without tools
• Includes 1” to 1½” tapered insert fittings for connection to metric and ASTM standard tubing

MODEL LIST DESCRIPTION INPUT WATTS INLET/OUTLET INCLUDES WARRANTY
TRION3 $305.99 Electric Water Clarifier 12 volt AC 2 2” Sch 40 PVC Transformer, test strips and insert fittings 3-year

TRITON IONIZER APP

Download our new “Triton Ionizer” app on the App Store and Google Play to wirelessly control the TRION3 Ionizer from your smartphone or tablet.

• The Ionizer app allows you to adjust the level of ionization and turn the power on/off
• Conductivity alert will inform you if your water is not conductive enough for selected ionization level
• Customize network name and password for secure access
• Effortlessly switch between multiple Ionizers in Wi-Fi settings to control different water features
• Available for both Android and Apple smartphones and tablets

IONIZER ACCESSORIES

MODEL LIST DESCRIPTION
TRION2-RA $71.99 Replacement Anode
TRION-TS $12.99 Test Strips

MODEL: TRION2-RA
• Replacement anode for TRION2 and TRION3 Ionizers

MODEL: TRION-TS
• 50 Alkalinity / pH / Copper test strips / 2 year shelf life from Born on Date
ClarityBlast is an all-natural proprietary treatment blended with bacteria and enzymes. This combination works together to remove attached organics, break down sludge and organic debris and prevent further buildup. ClarityBlast cleans waterfalls, streams, ponds, plant pots and filters.

- Keeps pond water and hard surfaces clean and free of debris
- Handles many pond and stream maintenance tasks
- Use as directed to remove algae stains and attached organics

**CLARITYBLAST – COMBINATION POND CLEANER**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTCB1</td>
<td>$22.99</td>
<td>1 lb.</td>
<td>8,000 gallons</td>
</tr>
<tr>
<td>WTCB2</td>
<td>$43.99</td>
<td>2 lbs.</td>
<td>16,000 gallons</td>
</tr>
<tr>
<td>WTCB6</td>
<td>$102.99</td>
<td>6 lbs.</td>
<td>48,000 gallons</td>
</tr>
</tbody>
</table>

BioMax dry formula contains billions of bacteria plus enzymes to digest organic debris, clean and clear water, reduce ammonia and neutralize odors. Potent microbial strains improve ecological balance, raise dissolved oxygen levels and lower nitrates that might otherwise promote unwanted plant growth. Use weekly to reduce suspended organics and keep pond water clear and healthy.

- Keeps water clear and healthy naturally
- Removes suspended organic debris
- Use weekly to maintain a balanced pond ecosystem

**BIOMAX – WEEKLY BIOLOGICAL CONDITIONER**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTBM1</td>
<td>$27.99</td>
<td>1 lb.</td>
<td>16,000 gallons</td>
</tr>
<tr>
<td>WTBM2</td>
<td>$43.99</td>
<td>2 lbs.</td>
<td>32,000 gallons</td>
</tr>
<tr>
<td>WTBM6</td>
<td>$111.99</td>
<td>6 lbs.</td>
<td>96,000 gallons</td>
</tr>
</tbody>
</table>

BioMax+ enhances bacterial activity with a fast-acting liquid formula that balances the pond ecosystem, removes ammonia, seeds biological filters and reduces suspended organics. A specialized bacterial mix containing billions of microbes work year round to keep ponds healthy and clean. Use weekly to reduce suspended organics and keep pond water clear and healthy.

- Regular applications maintain a healthy, balanced ecosystem
- Naturally removes organic debris, ammonia and nitrates
- Use weekly to keep water clean and clear

**BIOMAX+ – ENHANCED BIOLOGICAL CONDITIONER**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTBM16</td>
<td>$11.99</td>
<td>16 oz.</td>
<td>6,000 gallons</td>
</tr>
<tr>
<td>WTBM32</td>
<td>$15.99</td>
<td>32 oz.</td>
<td>12,000 gallons</td>
</tr>
<tr>
<td>WTBM3G</td>
<td>$47.99</td>
<td>1 gal.</td>
<td>48,000 gallons</td>
</tr>
</tbody>
</table>

ReClaim tablets quickly go to work removing the build-up of dead algae, decomposing leaves, and fish waste that accumulate as sludge on the bottom of ponds and streams. Used regularly, ReClaim tablets will reduce the frequency of pond cleanouts and overall pond maintenance.

- Tablets remove organic sludge from the bottom of ponds and streams
- Especially useful in gravel bottom ponds
- Apply tablets bi-weekly for best results

**RECLAIM – NATURAL SLUDGE REMOVER**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTRC24</td>
<td>$22.99</td>
<td>24 - ½ oz. Tablets</td>
<td>1,200 square feet</td>
</tr>
<tr>
<td>WTRC48</td>
<td>$36.99</td>
<td>48 - ½ oz. Tablets</td>
<td>2,400 square feet</td>
</tr>
<tr>
<td>WTRC72</td>
<td>$54.99</td>
<td>72 - ½ oz. Tablets</td>
<td>3,600 square feet</td>
</tr>
</tbody>
</table>

EcoSolv is the fastest water clarifier on the market for all water features – pond, pond-free, fountain or bubbler. Extra strength formula clears discolored pond water in as little as 48 hours. EcoSolv requires heavy aeration to maintain oxygen levels and keep fish safe especially in hot weather.

- Extra strength formula clears discolored water
- Enzymatic cleaning action
- Removes attached and suspended organic debris

**ECOSOLV – LIQUID POND CLEANER**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTES16</td>
<td>$15.99</td>
<td>16 oz.</td>
<td>9,600 gallons</td>
</tr>
<tr>
<td>WTES32</td>
<td>$22.99</td>
<td>32 oz.</td>
<td>19,200 gallons</td>
</tr>
<tr>
<td>WTES3G</td>
<td>$72.99</td>
<td>1 gal.</td>
<td>76,800 gallons</td>
</tr>
</tbody>
</table>

Eco-Klean quickly and safely removes attached organics and algae stains from rocks, waterfalls, streambeds and anywhere else build-up occurs. Fast dissolving granules add oxygen to the pond, remove odors and when used regularly, can actually eliminate the need for disruptive, expensive complete pond clean-outs.

- Removes algae stains and debris from waterfalls, streams and rocks
- Works on contact to keep hard surfaces clean
- Lifts debris to the surface with the power of pure oxygen

**ECOKLEAN – OXY POND CLEANER**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTEK1</td>
<td>$15.99</td>
<td>1 lb.</td>
<td>400 square feet</td>
</tr>
<tr>
<td>WTEK2</td>
<td>$21.99</td>
<td>2 lbs.</td>
<td>800 square feet</td>
</tr>
<tr>
<td>WTEK10</td>
<td>$56.99</td>
<td>10 lbs.</td>
<td>4,000 square feet</td>
</tr>
</tbody>
</table>

According to Dr. Tim Hovanec, PhD., under ideal conditions, with supplemental aeration the bacteria, like those in BioMax and BioMax+, can reproduce once every 20 minutes? That means after 24 hours, their number can increase from a single bacterium to $73}$
#### BIOCUSA TREATMENTS

**REVIVE – DECHLORINATOR WITH STRESS REDUCER**

ReVive quickly removes the fish-toxic chlorine, chloramines and heavy metals often present in tap water. ReVive is especially beneficial to Goldfish and Koi in times of stress because it thickens the slime coat that helps fish recover from cuts and abrasions.

- Immediately removes chlorine, chloramine, heavy metals and ammonia
- Enhances protective slime coat of fish
- Use every time water is added or when moving fish

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5RV16</td>
<td>$14.99</td>
<td>16 oz.</td>
<td>3,200 gallons</td>
</tr>
<tr>
<td>5RV32</td>
<td>$22.99</td>
<td>32 oz.</td>
<td>6,400 gallons</td>
</tr>
</tbody>
</table>

**QUICKCLEAR – WATER CLARIFIER**

QuickClear restores brilliant clarity to water clouded by sediment or organics by causing particles to clump together and drop to the bottom. Once out of suspension, debris can be easily filtered or vacuumed out. Aeration recommended to maintain oxygen levels for fish especially in hot weather.

- Flocculent clears pond water fast
- Clumps particles in the water column
- Use to clear water after heavy rains or prolonged heat spells

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5QC16</td>
<td>$12.99</td>
<td>16 oz.</td>
<td>8,000 gallons</td>
</tr>
<tr>
<td>5QC32</td>
<td>$20.99</td>
<td>32 oz.</td>
<td>16,000 gallons</td>
</tr>
</tbody>
</table>

**REFRESH – COLORFALLS & FOUNTAIN TREATMENT**

ReFresh keeps Colorfalls and Fountain Basin water clear and free from odor by preventing organic debris from building up. It can be used to treat the water in Colorfalls, fountain, and bubbler applications.

- Keeps Colorfalls and fountains clean and free from stains, sludge and odors
- Safe for use in birdbaths and basins where pets and wildlife may drink
- Use weekly for best results

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTRF16</td>
<td>$13.99</td>
<td>16 oz.</td>
<td>1,600 gallons</td>
</tr>
<tr>
<td>WTRF32</td>
<td>$22.99</td>
<td>32 oz.</td>
<td>3,200 gallons</td>
</tr>
</tbody>
</table>

#### POND DE-ICER

- Pond de-icers maintain a hole in ice to allow the exchange of oxygen and other gases in wintry conditions
- The Pond De-Icer allows oxygen to diffuse into pond water otherwise sealed off by ice, while toxic carbon dioxide and methane from decomposing organics diffuse out
- Atlantic’s Pond De-Icer is constructed of high strength and high temperature PPS polymer for incredible durability under the most adverse conditions
- Internal thermostat turns heater on just above freezing and off as water warms for fully automatic operation
- Indicator light shines blue to show the De-icer is in standby mode when plugged in with water temperature above freezing
- Indicator light shines green to show water temperature is below freezing and De-icer is in operation
- Efficient heating element only draws 300 watts when needed to keep operating costs low

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD100</td>
<td>$109.99</td>
<td>115</td>
<td>300</td>
<td>20’</td>
<td>8” W x 4” H</td>
<td>1-year</td>
</tr>
</tbody>
</table>

#### TECH TIP

To guarantee proper gas exchange under the most extreme winter weather conditions, combine Atlantic’s Pond De-icer and TAKT0400 Typhoon Aeration Kit. Set the aerator in shallow water below the heater to maximize the efficiency of both products. The rising bubbles going around the Pond De-icer combine with the heated water to maintain gas exchange under the coldest conditions.
Atlantic’s Typhoon Air Pumps feature weatherproof, continuous duty diaphragm compressors specifically designed for year-round usage. Ideal for aeration and circulation in warm weather, these aerators are also excellent for de-icing and gas exchange in freezing weather. With diffuser options for ponds from 1,000 to 12,000 gallons, Typhoon Air Pumps adapt to most backyard ponds. Best of all Typhoon Air Pumps are easily rebuildable and exceptionally efficient!

**DIAPHRAGM AIR PUMPS**

- Maintain maximum O₂ levels in summer, gas diffusion in winter
- Easy to clean air filter reduces particulates for motor longevity
- Aluminum housing radiates and reduces heat to extend diaphragm life
- Most cost efficient way to keep an area free of ice in winter

**MODEL: TA1800**

**MODEL: TA3600**

---

**AIR PUMP OUTPUT**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX @ 1'</th>
<th>@ 2'</th>
<th>@ 3'</th>
<th>@ 4'</th>
<th>@ 5'</th>
<th>@6'</th>
<th>@8'</th>
<th>@10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA0400</td>
<td>3.5</td>
<td>6.0</td>
<td>9.1</td>
<td>12.1</td>
<td>15.6</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
<tr>
<td>TA0800</td>
<td>5.0</td>
<td>9.1</td>
<td>12.1</td>
<td>15.6</td>
<td>20.8</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
<tr>
<td>TA1800</td>
<td>12.1</td>
<td>20.8</td>
<td>30.2</td>
<td>40.3</td>
<td>50.4</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
<tr>
<td>TA3600</td>
<td>30.2</td>
<td>50.4</td>
<td>75.6</td>
<td>100</td>
<td>125</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

---

**TECH TIP**

It’s important to change the position of the diffuser seasonally where temperatures drop below freezing. In warm weather set the diffuser deep to circulate and oxygenate the pond right down to the bottom. In winter move the diffuser to the shallows to keep a hole clear of ice without disturbing deeper, warmer water where fish and frogs will shelter.

**STANDARD AERATION KITS**

- Beneficial for all seasons in water gardens under 4’ deep
- Replaceable diaphragms extend pump service life
- Air stones feature brass insert fittings for durability and longevity
- Ideal for aerating holding tanks during pond clean-outs

**MINI AERATION KITS**

- Dependable aeration for smaller ponds 3’ deep or less
- Replaceable diaphragm cartridges extend pump service life
- Weighted air stones with rim guards stand up to multi-season use
- Kits include air pump with 6’ cord, stone, check valve and tubing as shown

---

**NEW!**

**PROFESSIONAL AERATION KITS**

- High output for larger water gardens and koi ponds with greater oxygen demand
- Circular diffuser design maximizes upwelling and water circulation
- High efficiency non-clogging diffuser tubing reduces friction for increased airflow
- Kits include air pump with 6’ cord, diffuser fittings, check valve and ⅜” weighted tubing

---

**MODEL LIST PUMP TUBING SIZE WATTS MAX DEPTH POND VOLUME DIMENSIONS WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PUMP</th>
<th>TUBING SIZE</th>
<th>WATTS</th>
<th>MAX DEPTH</th>
<th>POND VOLUME</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA0400</td>
<td>TA0400</td>
<td>¼” x 20’</td>
<td>45</td>
<td>5’</td>
<td>1,000 gallons</td>
<td>⅛” x 4’ x ⅛” W x ⅛” H</td>
<td>3-year Limited</td>
</tr>
<tr>
<td>TA0800</td>
<td>TA0800</td>
<td>¼” x 20’</td>
<td>90</td>
<td>5’</td>
<td>2,000 gallons</td>
<td>⅛” x 4’ x ⅛” W x ⅛” H</td>
<td>3-year Limited</td>
</tr>
<tr>
<td>TA1800</td>
<td>TA1800</td>
<td>⅜” x 20’</td>
<td>225</td>
<td>7’</td>
<td>6,000 gallons</td>
<td>⅛” x 4’ x ½” W x ⅜” H</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>TA3600</td>
<td>TA3600</td>
<td>⅜” x 40’</td>
<td>450</td>
<td>11’</td>
<td>12,000 gallons</td>
<td>⅛” x 4’ x ½” W x ⅜” H</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>

---

**MODEL LIST OUTLET VOLTS WATTS MAX PRESSURE MAX DEPTH CORD LENGTH DIMENSIONS WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>OUTLET</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>MAX PRESSURE</th>
<th>MAX DEPTH</th>
<th>CORD LENGTH</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA1800</td>
<td>¾” insert, ½” slip</td>
<td>115</td>
<td>25</td>
<td>5 psi</td>
<td>7’</td>
<td>6½” x 4” x 3¾”</td>
<td>3-year Limited</td>
<td></td>
</tr>
<tr>
<td>TA3600</td>
<td>¾” insert, ½” slip</td>
<td>115</td>
<td>35</td>
<td>5 psi</td>
<td>11’</td>
<td>7½” x 7” x 6½”</td>
<td>3-year Limited</td>
<td></td>
</tr>
</tbody>
</table>

---

**MODEL LIST PUMP TUBING SIZE WATTS MAX DEPTH POND VOLUME DIMENSIONS WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PUMP</th>
<th>TUBING SIZE</th>
<th>WATTS</th>
<th>MAX DEPTH</th>
<th>POND VOLUME</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA1800</td>
<td>TA1800</td>
<td>⅜” x 25’</td>
<td>25</td>
<td>7’</td>
<td>4,000 gallons</td>
<td>⅛” x 4’ x ½” W x ⅜” H</td>
<td>3-year Limited</td>
</tr>
<tr>
<td>TA3600</td>
<td>TA3600</td>
<td>⅜” x 45’</td>
<td>35</td>
<td>11’</td>
<td>8,000 gallons</td>
<td>⅛” x 4’ x ½” W x ⅜” H</td>
<td>3-year Limited</td>
</tr>
</tbody>
</table>

---

**MODEL LIST PUMP TUBING SIZE WATTS MAX DEPTH POND VOLUME DIMENSIONS WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PUMP</th>
<th>TUBING SIZE</th>
<th>WATTS</th>
<th>MAX DEPTH</th>
<th>POND VOLUME</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAKIT0400</td>
<td>TA0400</td>
<td>(1) 4” stone</td>
<td>45</td>
<td>5’</td>
<td>650 gallons</td>
<td>⅛” x 4’ x ⅛” W x ⅛” H</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>TAKIT0800</td>
<td>TA0800</td>
<td>(2) 4” stones</td>
<td>90</td>
<td>5’</td>
<td>2,000 gallons</td>
<td>⅛” x 4’ x ⅛” W x ⅛” H</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>TAKIT1800</td>
<td>TA1800</td>
<td>(2) 6” stones</td>
<td>225</td>
<td>7’</td>
<td>6,000 gallons</td>
<td>⅛” x 4’ x ½” W x ⅜” H</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>TAKIT3600</td>
<td>TA3600</td>
<td>(2) 8” stones</td>
<td>450</td>
<td>11’</td>
<td>12,000 gallons</td>
<td>⅛” x 4’ x ½” W x ⅜” H</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>
The Pond and Garden Protector makes an ideal instant line of defense against many types of predators including osprey, hawks, herons, egrets, kingfishers and raccoons. Once assembled the Pond and Garden Protector can easily be moved by one person, handy for immediate deployment or easy access to your water feature. Visit our YouTube channel for a step-by-step video on how to assemble the Pond & Garden Protector, www.YouTube.com/awgtv1.

MODEL LIST SIZE HOLE SIZE INCLUDES WARRANTY
PN1015 $21.99 10’ x 15’ ½” x ½” 12 UV-Resistant Net Stakes 1-year
PN1520 $33.99 15’ x 20’ ½” x ½” 12 UV-Resistant Net Stakes 1-year
PN2020 $41.99 20’ x 20’ ½” x ½” 12 UV-Resistant Net Stakes 1-year
PN2030 $57.99 20’ x 30’ ½” x ½” 12 UV-Resistant Net Stakes 1-year
PN20100 $84.99 20’ x 100’ ½” x ½” --- 12 UV-Resistant Net Stakes, (8) Net Clips 1-year
PN20100 $169.99 20’ x 100’ ½” x ½” --- 12 UV-Resistant Net Stakes, (8) Net Clips 1-year
PN30100 $254.99 30’ x 100’ ½” x ½” --- 12 UV-Resistant Net Stakes, (8) Net Clips 1-year
PN350 $39.99 6’ x 1 ½”W --- 50 Net Stakes 1-year

- Keep out leaves and other windblown debris
- Protects fish from heron and other predators
- Helps prevent algae growth by reducing organic waste
- Keeps out rabbits, deer and other herbivores to protect your garden during the growing season
- Pond Nets keep out leaves and other wind blown debris for a clean pond in the fall and spring
- Durable poly netting is UV-resistant for extended lifespan
- Physical barrier also protects fish from heron and other predators
- Netting your pond reduces organic wastes that can fuel algae growth and reduce oxygen levels
- ½” x ½” openings keep out smaller windblown debris
- 4 pre-cut and 3 roll sizes fit most water feature designs
- New stake design is longer with a larger diameter head for improved net retention
- Stakes available in 50 piece quantities for use with 100’ rolled netting

- Protects fruiting plants and vegetables
- Allows for sunlight and optimum plant ventilation
- Can be covered with plastic to protect against frost

To prevent leaves from decomposing and fouling the water, stretch your nets as tightly as possible over the water feature just before the leaves begin to fall. This will keep the leaves from accumulating below water level. For best results use the Pond and Garden Protector which keeps leaves out of your pond completely.

To keep out the leaves, stretch the netting tightly over the water feature just before the leaves begin to fall. This will keep the leaves from accumulating below water level. For best results, use the Pond and Garden Protector which keeps leaves out of your pond completely.

www.ATLANTICWATERGARDENS.com

NEW!

POND FEATURES:
- Protects fruiting plants and vegetables
- Allows for sunlight and optimum plant ventilation
- Can be covered with plastic to protect against frost

GARDEN FEATURES:
- Protects fruiting plants and vegetables
- Allows for sunlight and optimum plant ventilation
- Can be covered with plastic to protect against frost

POND NETTING

- Pond Nets keep out leaves and other windblown debris for a clean pond in the fall and spring
- Durable poly netting is UV-resistant for extended lifespan
- Physical barrier also protects fish from heron and other predators
- Netting your pond reduces organic wastes that can fuel algae growth and reduce oxygen levels
- ½” x ½” openings keep out smaller windblown debris
- 4 pre-cut and 3 roll sizes fit most water feature designs
- New stake design is longer with a larger diameter head for improved net retention
- Stakes available in 50 piece quantities for use with 100’ rolled netting

- Protects fruiting plants and vegetables
- Allows for sunlight and optimum plant ventilation
- Can be covered with plastic to protect against frost

To prevent leaves from decomposing and fouling the water, stretch your nets as tightly as possible over the water feature just before the leaves begin to fall. This will keep the leaves from accumulating below water level. For best results use the Pond and Garden Protector which keeps leaves out of your pond completely.
Oxygen is essential to the biology of a healthy pond or lake, but it’s often in short supply. When there isn’t enough oxygen, fish and other aquatic animals can suffocate, wastes generate noxious gases and water may foul. Subsurface aeration brings oxygen levels up, dissipates toxic gases and evens out temperature and saturation levels throughout the water feature. Aeration is also the most efficient way to circulate water, moving 10 times as much per watt as water pumps. Finally, aeration greatly accelerates the decomposition of solid and dissolved wastes. Although smaller water features may respond to other strategies, aeration is the only way to effectively manage nutrient removal, algae, water quality and clarity in larger lakes, not to mention reducing pests and parasites.

**BEAUTIFUL WATER STARTS BELOW THE SURFACE**

- Air Diffusers are economical to ship, easy to deploy and maintain and more efficient at circulation and gas diffusion
- Robust Compressors are reliable, rebuildable and economical to run and service
- Long lasting Direct Burial and Weighted Tubing simplifies installation
- Treatments solve most every pond and lake problem
- Fully equipped Cabinets protect and soundproof equipment securely
- Complete Systems with every component needed for your project available for your convenience

**WHY AERATION?**

Oxygen is essential to the biology of a healthy pond or lake, but it’s often in short supply. When there isn’t enough oxygen, fish and other aquatic animals can suffocate, wastes generate noxious gases and water may foul. Subsurface aeration brings oxygen levels up, dissipates toxic gases and evens out temperature and saturation levels throughout the water feature. Aeration is also the most efficient way to circulate water, moving 10 times as much per watt as water pumps. Finally, aeration greatly accelerates the decomposition of solid and dissolved wastes. Although smaller water features may respond to other strategies, aeration is the only way to effectively manage nutrient removal, algae, water quality and clarity in larger lakes, not to mention reducing pests and parasites.

**SIGNS OF IMBALANCE:**
- Algae, opaque green water or excessive growth of string or blanket weed
- An excess of submerged vegetation and rampant marginal aquatic plant growth
- Foul odors, of the water or of the sediments at the bottom
- Dead fish, especially after a storm or a change to cooler weather
- Small, few or no live fish at all

**CAUSES OF IMBALANCE:**
- Excessive nutrients in the water and the sediment
- Insufficient total dissolved oxygen levels
- Stratification and thermoclines that cut off surface oxygen

**BENEFITS OF AERATION:**
- Aeration creates bubbles that increase the surface area of air in contact with the water
- Millions of bubbles moving upwards pull huge volumes of water up from the bottom
- Oxygen-poor water rushes upwards, eliminating thermal layers, shedding toxic gases and picking up oxygen
- Oxygen-rich water circulates down to the bottom, promoting the growth of bacteria that digest organic sludge and eliminate excessive nutrients
SIZING YOUR SYSTEM

Step 1. If your pond is roughly rectangular, square or circular, find the area of the pond and convert the square footage to acres by dividing by 43,560. (1 acre = 43,560 ft²)

Step 2. Find the Acreage and Depth of your pond on the Chart to determine the correct system or number of systems.

EXAMPLE:
For the roughly square pond at the right, 150 feet on a side. Multiply 150' x 150' to find the area and divide by 43,560 to convert to surface acres.

\[
\frac{150' \times 150'}{43,560} = \frac{22,500}{43,560} = 0.51 \text{ acres}
\]

Take the surface area and the depth to the chart below. If the pond is a maximum of 16' deep, find the surface area in the 16' column to determine the optimum system, in this example, the TPD400S. In the case of lakes larger than the surface areas listed, multiple systems will be required.

SYSTEM No. of Diffusers Coverage @2' Coverage @4' Coverage @6' Coverage @8' Coverage @12' Coverage @16' Coverage @20'
TPD400S 2 ¼ acre 1/3 acre ¼ acre ¾ acre 1 acre 1½ acres 2 acres
TPD200S 4 1/8 acre 1/6 acre ¼ acre --- --- --- ---
TPD100S 8 1/16 acre 1/9 acre 1/8 acre --- --- --- ---
TPS400S 4 ¼ acre 1/3 acre ½ acre --- --- --- ---
TPS200S 2 1/8 acre 1/6 acre ¼ acre --- --- --- ---
TPS100S 1 --- --- --- ¼ acre 1/3 acre ½ acre 1 acre

FOR LAKES WITH COMPLEX SHAPES AND MULTIPLE DEPTHS

Step 1. Draw the perimeter roughly to scale or download a satellite image.

Step 2. Determine the depth(s) and find the corresponding size circle from the tables below.

Step 3. Draw circles to scale, covering the surface without overlapping. Each circle equals one diffuser.

Step 4. Find the appropriate shallow or deep water system(s) with the correct number of diffusers.

EXAMPLE:
The lake above is 200' wide and 20' deep at one end, 150' wide and 16' at the other, with a shallower 8' depth section 100' wide in the middle. The deeper the diffuser is set, the wider its circle of influence. Find the circle of influence that corresponds to the depth on the chart below and draw the circle to scale on the outline of the water feature. The number of circles needed to fill the outline determines the number of diffusers.

The example, three circles cover the outline, so you will need a deep water system with three diffusers. The second column of the chart above indicates the required system with three deep water diffusers is the TPD300S. In the case of larger lakes requiring more than four diffusers, use multiple systems to cover the entire surface area.

AREA COVERED BY DEEP WATER DIFFUSER

<table>
<thead>
<tr>
<th>Depth</th>
<th>8' deep</th>
<th>16' deep</th>
<th>20' deep</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circle Diameter</td>
<td>100'</td>
<td>150'</td>
<td>200'</td>
</tr>
<tr>
<td>Diffusers per Surface Acre</td>
<td>4</td>
<td>5</td>
<td>2</td>
</tr>
</tbody>
</table>

AREA COVERED BY SHALLOW WATER DIFFUSER

<table>
<thead>
<tr>
<th>Depth</th>
<th>8' deep</th>
<th>16' deep</th>
<th>20' deep</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circle Diameter</td>
<td>40'</td>
<td>50'</td>
<td>70'</td>
</tr>
<tr>
<td>Diffusers per Surface Acre</td>
<td>16</td>
<td>12</td>
<td>8</td>
</tr>
</tbody>
</table>
DIFFUSERS & COMPRESSORS

- Air Diffusers distribute compressed air to the bottom of the body of water where gas exchange and circulation are needed most.
- Atlantic’s Air Diffusers feature a streamlined body design and innovative diffuser tubing that circulates water more efficiently.
- Extruded EPDM diffuser tubing proven in industrial applications offers tremendous longevity and resistance to fouling.

• Bubble sizes decrease as pressure rises; smaller bubbles maximize surface area for extremely efficient gas diffusion and circulation.
• Easy to fill on-site with sand or gravel. Diffusers ship empty to save weight and freight.
• Easily replaceable tubing and stainless steel hardware extends usable service life of Diffusers.

TYPHOON DIFFUSER FEATURES:

1. Heavy-walled diffuser tubing produces ultra-fine bubbles with little back pressure.
2. Diffuser shape accelerates the rising water column.
3. Full flow manifold evenly distributes air to the diffuser tubing.
4. Push-lock manifold connection simplifies servicing.
5. Integrated strain relief for ⅜” and ½” weighted tubing.
6. Includes ⅜” check valve, ⅜” insert fitting and stainless steel strain relief bracket.

To convert Atlantic Aeration Systems to ½” Weighted Tubing see page 86.

MODEL: TPS200
- Compressors efficiently deliver pressurized air to specific depths.
- Designed for the shallows, linear piston compressors combine the rugged reliability of a piston and cylinder system with the economy and simplicity of a magnetic motor.
- Fully rebuildable linear piston compressors last longer and require less maintenance than cheaper linear diaphragm systems.
- Shallow Water Compressors each have 6’ power cords.

MODEL: TPS400
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPSDIF
- Compressors efficiently deliver pressurized air to specific depths.
- Designed for the shallows, linear piston compressors combine the rugged reliability of a piston and cylinder system with the economy and simplicity of a magnetic motor.
- Fully rebuildable linear piston compressors last longer and require less maintenance than cheaper linear diaphragm systems.
- Shallow Water Compressors each have 6’ power cords.

MODEL: TPDDIF
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPS200
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPS400
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD100
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD200
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD300
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD400
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPS200
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPS400
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD100
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD200
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD300
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.

MODEL: TPD400
- Atlantic’s rocking piston Deep Water Compressors with high pressure output are the best choice for ponds from 8 to 45 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Rubber mounting feet help keep these compressors as quiet as they are dependable.
- Quiet, damped operation for minimum noise and vibration.
- Single wear component easily accessed for simple maintenance and servicing.
- Deep Water Compressors have 6’ power cords.
WEIGHTED TUBING

- Atlantic's Tubing is made of the highest quality materials for long, trouble-free service life
- Thick-walled Weighted Tubing sinks without the inconvenience of adding weights to keep tubing from floating
- High density PVC formulation remains flexible in a wide range of temperatures
- Nickel-plated insert fittings, supplied with every roll, make connecting Weighted Tubing of different lengths simple and secure
- TPF2WT Fitting Kit available to convert Atlantic Diffusers and Aeration Cabinets to ½" weighted tubing for runs over 300 feet

DIRECT BURIAL TUBING

- Low friction Direct Burial Tubing brings the air to the water’s edge economically
- Tubing is made of UV-stabilized PVC for long life under the harshest conditions
- Push-lock fittings allow for quick, secure connection of Direct Burial Tubing between the Cabinet and the Weighted Tubing at the shoreline
- Toolless connections simplify tubing installation

POND CLARIFIER

Concentrated bacteria in ½ ounce slow-release tablets with double the colony forming units (CFUs) per gram, Pond Clarifier Plus Trace Minerals accelerates organic removal and improves overall pond health. Safe for fish, plants, livestock and pets.

POND DYE

Whether you prefer liquid dye or easy to apply dissolvable packets of powdered dye, Typhoon Pond Dye shades the water to eliminate plant growth below the surface. Available in both blue and black, concentrated dye can be mixed to create your own favorite shade. Safe for fish, plants, livestock and pets.
Ventilation is crucial for proper functioning of components inside of the Cabinet. An inlet at the bottom rear of the Cabinet allows air to be drawn in directly over the Air Compressor as it is pulled out by the fan at the top of the Cabinet, cooling the motor and prolonging the time between servicing.

1. Weatherproof, double walled Cabinet for strength and noise insulation.
2. Industrial hinges, rubber “T” hasp closures and stainless steel locking plates for maximum security and service life.
3. Aluminum manifold block with full flow ½” inlets and outlets, and flow adjusters.
4. High volume cooling fan in lid vents air through wall cavity for maximum cooling and minimum noise.
5. Large filtered air inlet at lower rear of cabinet for complete circulation.
6. Polyurethane tubing with push lock quick release fittings.
7. Solid brass nickel plated fittings for maximum durability.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
<th>INCLUDES</th>
<th>POND DEPTH</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPS200C</td>
<td>$741.99</td>
<td>2 - Outlet Shallow Water Assembly</td>
<td>24”L x 22”W x 20”H</td>
<td>55 lbs.</td>
<td>Cabinet with 2 - outlet manifold and Linear Piston Compressor</td>
<td>Ponds up to 6’ deep</td>
<td>2-year</td>
</tr>
<tr>
<td>TPS400C</td>
<td>$884.99</td>
<td>4 - Outlet Shallow Water Assembly</td>
<td>24”L x 22”W x 20”H</td>
<td>60 lbs.</td>
<td>Cabinet with 4 - outlet manifold and Linear Piston Compressor</td>
<td>Ponds up to 7’ deep</td>
<td>2-year</td>
</tr>
</tbody>
</table>

- Includes Typhoon Linear Piston Shallow Water Compressor
- Easily adjusted locking manifold assemblies provide flow control to multiple Diffuser systems
- Heavy-duty Cabinets secure and protect components while muffling the sound of compressors
- Atlantic’s Cabinets have a reinforced lockable lid and sturdy hinges with vandal resistant screws for secure installation
- Double walled for noise insulation and durability
- Integrated cooling fan keeps components from overheating under the harshest conditions
- Filtered air intake protects the compressor from dust and debris

**DID YOU KNOW?**

**SHALLOW WATER AERATION CABINETS**

**SHALLOW WATER AERATION SYSTEMS**

- Complete systems include Aeration Cabinet Assemblies with all subcomponents pre-installed, Shallow Water Diffusers, Weighted Tubing and all necessary fittings

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>INCLUDES</th>
<th>FOR USE IN</th>
<th>COVERAGE AREA</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPS200S</td>
<td>$1,369.99</td>
<td>Shallow Water Aeration System with Two Diffusers</td>
<td>TPS200C Cabinet Assembly, (2) TPT15R000 Weighted Tubing, (2) TPSDF Shallow Water Diffusers</td>
<td>up to 6’ deep</td>
<td>Up to ½ surface acre</td>
<td>2-year</td>
</tr>
<tr>
<td>TPS400S</td>
<td>$2,120.99</td>
<td>Shallow Water Aeration System with Four Diffusers</td>
<td>TPS400C Cabinet Assembly, (4) TPT15R000 Weighted Tubing, (4) TPSDF Shallow Water Diffusers</td>
<td>up to 7’ deep</td>
<td>Up to ¾ surface acre</td>
<td>2-year</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VOLTS</th>
<th>AMPS</th>
<th>WATTS</th>
<th>MAX LPM</th>
<th>MAX CFM</th>
<th>@2’²</th>
<th>@4’²</th>
<th>@6’²</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPS200S</td>
<td>115</td>
<td>0.5</td>
<td>12</td>
<td>110</td>
<td>3.0</td>
<td>½ acre</td>
<td>½ acre</td>
<td>½ acre</td>
</tr>
<tr>
<td>TPS400S</td>
<td>115</td>
<td>1.4</td>
<td>170</td>
<td>240</td>
<td>8.5</td>
<td>½ acre</td>
<td>½ acre</td>
<td>½ acre</td>
</tr>
</tbody>
</table>
Aeration is a powerful tool. There are times when full implementation without an acclimation period can lead to disaster. In warm weather it is best to start slowly to avoid a “turnover”, where deoxygenated bottom water is mixed in so quickly that total dissolved oxygen levels plummet to lethal levels. To be safe it's best to run the system for only 15 minutes the first day, 30 minutes the second, 1 hour on the third day, doubling the running time each day for the first week. This will also allow toxic methane and hydrogen sulfide to dissipate slowly and safely.

**HOW IT WORKS:**

**DEEP WATER AERATION CABINETS**

- Includes Typhoon Rocking Piston Deep Water Compressor
- Easily adjusted locking manifold assemblies provide flow control to multiple Diffuser systems
- Oil-filled pressure gauge and pressure relief valve monitor and protect compressor for enhanced reliability and longevity
- Heavy-duty Cabinets secure and protect components while muffling the sound of compressors
- Atlantic’s Cabinets have a reinforced lockable lid and sturdy hinges with vandal resistant screws for secure installation
- Double-walled for noise insulation and durability
- Integrated cooling fan keeps components from overheating under the harshest conditions
- Filtered air intake protects the compressor from dust and debris

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
<th>INCLUDES</th>
<th>POND DEPTH</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPD100C</td>
<td>$843.99</td>
<td>1 - Outlet Deep Water Assembly</td>
<td>24”L x 22”W x 20”H</td>
<td>50 lbs.</td>
<td>Cabinet with 1 - outlet manifold and Rocking Piston Compressor</td>
<td>Ponds over 8’ Deep</td>
<td>2-year</td>
</tr>
<tr>
<td>TPD200C</td>
<td>$1,000.99</td>
<td>2 - Outlet Deep Water Assembly</td>
<td>24”L x 22”W x 20”H</td>
<td>60 lbs.</td>
<td>Cabinet with 2 - outlet manifold and Rocking Piston Compressor</td>
<td>Ponds over 8’ Deep</td>
<td>2-year</td>
</tr>
<tr>
<td>TPD300C</td>
<td>$1,177.99</td>
<td>3 - Outlet Deep Water Assembly</td>
<td>24”L x 22”W x 20”H</td>
<td>66 lbs.</td>
<td>Cabinet with 3 - outlet manifold and Rocking Piston Compressor</td>
<td>Ponds over 8’ Deep</td>
<td>2-year</td>
</tr>
<tr>
<td>TPD400C</td>
<td>$1,277.99</td>
<td>4 - Outlet Deep Water Assembly</td>
<td>24”L x 22”W x 20”H</td>
<td>72 lbs.</td>
<td>Cabinet with 4 - outlet manifold and Rocking Piston Compressor</td>
<td>Ponds over 8’ Deep</td>
<td>2-year</td>
</tr>
</tbody>
</table>

**DEEP WATER AERATION SYSTEMS**

- Atlantic’s Deep Water Aeration Systems offer complete solutions for lakes up to 45' in depth and 4 surface acres in area
- Complete systems come with Aeration Cabinet Assemblies with all subcomponents pre-installed, Deep Water Diffusers, Weighted Tubing and all necessary fittings

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>INCLUDES</th>
<th>FOR USE WITH</th>
<th>COVERAGE AREA</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPD100S</td>
<td>$1,221.99</td>
<td>TPD100C Cabinet Assembly, TPT38100 Weighted Tubing and TPDDIF Deep Water Diffuser</td>
<td>Ponds and lakes between 8’ and 20’ deep</td>
<td>Up to 1 surface acre</td>
<td>2-year</td>
</tr>
<tr>
<td>TPD200S</td>
<td>$1,757.99</td>
<td>TPD200C Cabinet Assembly, (2) TPT38100 Weighted Tubing and (2) TPDDIF Deep Water Diffusers</td>
<td>Ponds and lakes between 8’ and 35’ deep</td>
<td>Up to 2 surface acres</td>
<td>2-year</td>
</tr>
<tr>
<td>TPD300S</td>
<td>$2,249.99</td>
<td>TPD300C Cabinet Assembly, (3) TPT38100 Weighted Tubing and (3) TPDDIF Deep Water Diffusers</td>
<td>Ponds and lakes between 8’ and 35’ deep</td>
<td>Up to 3 surface acres</td>
<td>2-year</td>
</tr>
<tr>
<td>TPD400S</td>
<td>$2,784.99</td>
<td>TPD400C Cabinet Assembly, (4) TPT38100 Weighted Tubing and (4) TPDDIF Deep Water Diffusers</td>
<td>Ponds and lakes between 8’ and 45’ deep</td>
<td>Up to 4 surface acres</td>
<td>2-year</td>
</tr>
</tbody>
</table>

Aeration is a powerful tool. There are times when full implementation without an acclimation period can lead to disaster. In warm weather it is best to start slowly to avoid a “turnover” where deoxygenated bottom water is mixed in so quickly that total dissolved oxygen levels plummet to lethal levels. To be safe it’s best to run the system for only 15 minutes the first day, 30 minutes the second, 1 hour on the third day, doubling the running time each day for the first week. This will also allow toxic methane and hydrogen sulfide to dissipate slowly and safely.
RAIN HARVESTING

Whether you’re considering a single rain barrel or a large in-ground reservoir, Atlantic’s innovative Rain Harvesting components are right for your project. Our Clean Rain Ultra Downspout Diverter, Eco-Blox and Rain Harvesting Pump Vault are all specially designed to capture, store and re-use rain water, allowing you to help the planet by reducing runoff while saving money on your water bill.

BE RESOURCEFUL - GO GREEN BY SAVING BLUE

- Rain Water Harvesting is a responsible solution to many irrigation and runoff containment dilemmas
- First flush diverters automatically direct contaminated roof water to waste before allowing clean water to fill cisterns and reservoirs
- Pump Vaults house and protect the external and submersible pumps and plumbing that distributes harvested water
- Eco-Blox blocks provide a fully modular containment solution to create underground reservoirs of any size, shape or depth
- Half and full sized Rain Barrels effectively collect and store water directly at the downspout

CLEAN RAIN ULTRA

1. Hydro Activated Filtration™ technology uses the rainwater’s force to deflect leaves and debris off the screen.
2. The cover and cap provide a stylish, integrated finish and in colder climates, avert snow and ice blockage.
3. An easily accessible on/off switch to direct your rainwater for collection or return to normal downspout functioning.
4. Specially designed overflow mechanism ensures excess water safely overflows down your downspout.
5. Smart Sense™ First Flush functionality ensures the majority of contaminants from the roof are flushed down the downspout.
6. Smart Sense’s self regulating valve automatically adjusts to divert the optimum amount of dirty rainwater based on the intensity of the rainfall event.
7. Clean Rain Ultra automatically resets itself after every rainfall.
8. The hose outlet fits standard garden, pool and sump hoses and the cap removes to fit 3” Schedule 40 pipe.

CLEAN RAIN FEATURES:

- Downspout Adaptors Included
  - Fits 2” x 3”, 3” x 4” and 3”, 4” downspouts
- Compatible Hoses
  - Also fits 3” Schedule 40 pipe

MODEL | LIST | DIMENSIONS | INLET / OUTLET | DIVERTER OUTLET | WARRANTY
--- | --- | --- | --- | --- | ---
RHCRU | $105.99 | 8¼”L x 9”W x 31”H | 2” x 3” and 3” x 4” downspout | Garden hose, flex pipe and 3” Sch 40 | 1-year

RAIN HARVESTING COMPONENTS

- Rainwater Harvesting is a responsible solution to many irrigation and runoff containment dilemmas
- First flush diverters automatically direct contaminated roof water to waste before allowing clean water to fill cisterns and reservoirs
- Pump Vaults house and protect the external and submersible pumps and plumbing that distributes harvested water
- Eco-Blox blocks provide a fully modular containment solution to create underground reservoirs of any size, shape or depth
- Half and full sized Rain Barrels effectively collect and store water directly at the downspout

RAIN BARRELS

- Half and full sized Rain Barrels effectively collect and store water directly at the downspout

RAIN HARVESTING BENEFITS

- Helps reduce water usage and save money
- Captures rainwater for future use
- Reduces the demand on municipal water systems

RAIN HARVESTING PROJECTS

- Single rain barrel
- Large in-ground reservoir

RAIN BARREL INSTALLATION

- Ensure proper drainage and elevation
- Use compatible hose to connect to downspout

RAIN HARVESTING ACCESSORIES

- Downspout Adaptors
- Compatible Hoses
- Pump Vaults
- Eco-Blox blocks
- Rain Barrels

RAIN HARVESTING ADVANTAGES

- Reduced runoff
- Conserves water resources
- Helps reduce flooding

RAIN HARVESTING DISADVANTAGES

- Initial installation cost
- Maintenance required
- Space limitations

RAIN HARVESTING CONSIDERATIONS

- Local regulations and codes
- Environmental impact
- Water source availability

RAIN HARVESTING TIPS

- Choose the right size and capacity for your needs
- Install a downspout diverter to redirect water
- Consider using a pump to boost water collection

RAIN HARVESTING MAINTENANCE

- Regular cleaning and inspection
- Replace worn or damaged parts
- Monitor water levels and flow

RAIN HARVESTING SAFETY

- Ensure proper electrical connections
- Use gloves and protective clothing
- Be aware of weather conditions

RAIN HARVESTING FAQ

- Q: What is rainwater harvesting?
  A: Rainwater harvesting is the collection and storage of rainwater for later use.

- Q: Why is rainwater harvesting important?
  A: Rainwater harvesting helps reduce water usage and save money, as well as reduce the demand on municipal water systems.

- Q: What are the benefits of rainwater harvesting?
  A: Benefits include reduced runoff, conserved water resources, and reduced flooding.

- Q: What are the disadvantages of rainwater harvesting?
  A: Disadvantages include initial installation cost, maintenance required, and space limitations.

- Q: What should be considered when planning a rainwater harvesting project?
  A: Considerations include local regulations and codes, environmental impact, water source availability, and project feasibility.

- Q: What are some tips for rainwater harvesting?
  A: Tips include choosing the right size and capacity for your needs, installing a downspout diverter, and using a pump to boost water collection.

- Q: How should rainwater harvesting be maintained?
  A: Maintenance should include regular cleaning and inspection, replacing worn or damaged parts, and monitoring water levels and flow.

- Q: How should rainwater harvesting be handled for safety?
  A: Safety should include ensuring proper electrical connections, using gloves and protective clothing, and being aware of weather conditions.

- Q: What are some frequently asked questions about rainwater harvesting?
  A: Common questions include what is rainwater harvesting, why it is important, what the benefits are, what the disadvantages are, what should be considered when planning a project, what are some tips, how should it be maintained, and how should it be handled for safety.

- Q: What are the components of a rainwater harvesting system?
  A: Components include rain barrels, pumps, downspout diverters, eco-blox, and rainwater harvesting pump vaults.

- Q: What are some accessories for rainwater harvesting?
  A: Accessories include downspout adaptors, compatible hoses, pump vaults, and eco-blox blocks.

- Q: What are some considerations for rainwater harvesting projects?
  A: Considerations include local regulations and codes, environmental impact, water source availability, project feasibility, and water use and storage.

- Q: What are some tips for choosing the right rainwater harvesting system?
  A: Tips include choosing the right size and capacity for your needs, considering the size and shape of your roof, and ensuring proper drainage and elevation.

- Q: What are some maintenance tips for rainwater harvesting systems?
  A: Maintenance tips include regular cleaning and inspection, monitoring water levels and flow, and replacing worn or damaged parts.

- Q: What are some safety considerations for rainwater harvesting?
  A: Safety considerations include using gloves and protective clothing, being aware of weather conditions, and ensuring proper electrical connections.

- Q: What are some frequently asked questions about rainwater harvesting projects?
  A: Frequently asked questions include what is rainwater harvesting, why it is important, what the benefits are, what the disadvantages are, what should be considered when planning a project, what are some tips, how should it be maintained, and how should it be handled for safety.

- Q: What are the components of a rainwater harvesting system?
  A: Components include rain barrels, pumps, downspout diverters, eco-blox, and rainwater harvesting pump vaults.

- Q: What are some accessories for rainwater harvesting?
  A: Accessories include downspout adaptors, compatible hoses, pump vaults, and eco-blox blocks.

- Q: What are some considerations for rainwater harvesting projects?
  A: Considerations include local regulations and codes, environmental impact, water source availability, project feasibility, and water use and storage.

- Q: What are some tips for choosing the right rainwater harvesting system?
  A: Tips include choosing the right size and capacity for your needs, considering the size and shape of your roof, and ensuring proper drainage and elevation.

- Q: What are some maintenance tips for rainwater harvesting systems?
  A: Maintenance tips include regular cleaning and inspection, monitoring water levels and flow, and replacing worn or damaged parts.

- Q: What are some safety considerations for rainwater harvesting?
  A: Safety considerations include using gloves and protective clothing, being aware of weather conditions, and ensuring proper electrical connections.

- Q: What are some frequently asked questions about rainwater harvesting projects?
  A: Frequently asked questions include what is rainwater harvesting, why it is important, what the benefits are, what the disadvantages are, what should be considered when planning a project, what are some tips, how should it be maintained, and how should it be handled for safety.
### Rain Harvesting Products

#### Submersible Pressure Pump
- Extremely reliable and easy to install
- Quiet, self-priming, water-cooled
- Built-in pressure switch & flow sensor
- Equipped with run-dry protection and internal check valve
- Automatically starts and stops when taps are opened
- Delivers constant pressure and flow rates
- 1" FIPT outlet and 48' power cord

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DIMENSIONS</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>MAX FLOW</th>
<th>MAX PRESSURE</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHDIV12</td>
<td>$398.99</td>
<td>6&quot; x 4&quot;W x 19&quot;H</td>
<td>115</td>
<td>1000</td>
<td>22 gpm</td>
<td>64 psi</td>
<td>1-year</td>
</tr>
</tbody>
</table>

#### External Pressure Pump
- Quiet, self-priming, water-cooled
- Built-in pressure switch & flow sensor
- Equipped with run-dry protection and internal check valve
- Automatically starts and stops when taps are opened
- Delivers constant pressure & flow rates
- 1" FIPT outlet and 5' power cord

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DIMENSIONS</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>MAX FLOW</th>
<th>MAX PRESSURE</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHEBS10</td>
<td>$398.99</td>
<td>18&quot;L x 11&quot;W x 15&quot;H</td>
<td>115</td>
<td>1000</td>
<td>22 gpm</td>
<td>64 psi</td>
<td>1-year</td>
</tr>
</tbody>
</table>

### Rain Harvesting Pump Vault
- Vaults house and protect pumps and plumbing in a single location to facilitate maintenance
- Atlantic’s Rain Harvesting Pump Vault accommodates submersible and external pumps and adjacent and remote reservoir locations and a variety of installation options
- Sturdy ribbed construction keeps buried vaults from crushing or deforming underground

#### Rain Harvesting Pump Vault Features:
1. Twist lock lids allow safe, easy access to the pump chamber and 3" tank gauge riser (Tank Gauge optional).
2. Comes with a 1" FIPT Spinweld® fitting for a pressure pump discharge and flat panels for additional plumbing.
3. (2) 3" FIPT inlets allow installation inside the liner or out, via 3" lines and bulkhead fittings to remote Eco-Blox cistern.
4. Built-in tank gauge riser and lid access extensions allow for 13’ of backfill and can be removed for Pond-free installations.
5. Equipped with flat panels for installing additional pump lines, downspout diverters and overflows.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DIMENSIONS</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>MAX PUMP FLOW</th>
<th>OPENING</th>
<th>INLET</th>
<th>DISCHARGE</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHPV</td>
<td>$392.99</td>
<td>20” x 11’W x 48’H</td>
<td>115</td>
<td>1000</td>
<td>7,500 GPH</td>
<td>9-1/2”</td>
<td>(2) 3” FIPT</td>
<td>1” FIPT</td>
<td>Lifetime</td>
</tr>
</tbody>
</table>

### External Pressure Pump Vault Installation:
- Vaults can be located adjacent to the reservoir or remotely. For remote installations use dual 3” pipes between the Pump Vault and the reservoir. Flow capacity decreases as the distance between the vault and reservoir increases.

<table>
<thead>
<tr>
<th>PIPE LENGTH</th>
<th>MAX FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’</td>
<td>6,500 gph</td>
</tr>
<tr>
<td>20’</td>
<td>5,000 gph</td>
</tr>
<tr>
<td>30’</td>
<td>2,000 gph</td>
</tr>
</tbody>
</table>

### Typical Installation:
- Rainwater is intercepted in the downspout by the Clean Rain Ultra Downspout Diverter, which removes leaves, screens dirt and debris from the water and allows the first 10 to 15 gallons of rain to flush the roof clean. As the first flush passes through, a stack of washers swells, tripping a valve and diverting clean water to the reservoir for future use.

### Additional Eco-Blox Information on Page 30.

---

**HOW IT WORKS:**

Rainwater is intercepted in the downspout by the Clean Rain Ultra Downspout Diverter, which removes leaves, screens dirt and debris from the water and allows the first 10 to 15 gallons of rain to flush the roof clean. As the first flush passes through, a stack of washers swells, tripping a valve and diverting clean water to the reservoir for future use. Additional Eco-Blox information on page 30.
Atlantic’s Rain Harvesting Kit with submersible on-demand* pump provides everything you need to store and distribute up to 1000 gallons of harvested water.

**INCLUDES:**
- RHDIV12 Submersible Pressure Pump
- Clean Rain Ultra Downspout Diverter
- Rain Harvesting Pump Vault
- 45 mil EPDM pond liner
- Heavy-duty underlayment
- Tank Gauge
- Eco-Blox
- Fittings

Atlantic’s Rain Harvesting Kit with external on-demand* pump allows mounting and monitoring an on-demand* pump for those situations where maintenance of an external pump is desired.

**INCLUDES:**
- RHEBS10 External Pressure Pump
- Clean Rain Ultra Downspout Diverter
- Rain Harvesting Pump Vault
- 45 mil EPDM pond liner
- Heavy-duty underlayment
- Tank Gauge
- Eco-Blox
- Fittings

Atlantic’s Rain Barrels are made of UV protected PVC in an attractive pebble finish to complement any outdoor space. They are impervious to weather and freezing temperatures.

**INCLUDES:**
- Compact, versatile rain head is easy to install
- Prevents debris from entering the basin
- Outlet pivots for rear or bottom discharge
- Includes stainless steel mosquito-proof screen

Atlantic's Rain Barrels store rain water directly at the base of a house mounted downspout.

**INCLUDES:**
- Monitors water level of any storage system
- Quick and easy to install, suitable for all new and existing tanks
- Easy-to-read dial face with empty and full indicators
- Can be calibrated for holding systems up to 8’ deep

Atlantic’s Tank Gauge allows you to easily monitor the water level in your basin, and installs easily into any Atlantic Pump Vault.

**INCLUDES:**
- Holds rainwater directly at the base of a house mounted downspout
- Atlantic’s Rain Barrels are made of UV protected PVC in an attractive pebble finish to complement any outdoor space
- Sturdy Rain Barrels are impervious to weather and freezing temperatures
- Convenient outlet located at bottom of barrel connects to any ¾” MIPT fitting
- Top of Barrels can be planted to blend into landscaping

**MODEL LIST**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>CAPACITY</th>
<th>LINER SIZE</th>
<th>UNDERLAMENT SIZE</th>
<th>ECO-BLOX</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHKIT500DIV</td>
<td>$2,619.99</td>
<td>504 gallons</td>
<td>15’ x 20’</td>
<td>(2) 12’ x 25’</td>
<td>16</td>
<td>1-year</td>
</tr>
<tr>
<td>RHKIT1000DIV</td>
<td>$3,647.99</td>
<td>1008 gallons</td>
<td>20’ x 25’</td>
<td>(4) 12’ x 25’</td>
<td>32</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**MODEL LIST**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>CAPACITY</th>
<th>LINER SIZE</th>
<th>UNDERLAMENT SIZE</th>
<th>ECO-BLOX</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHRB055</td>
<td>$254.99</td>
<td>Half Rain Barrel</td>
<td>29” x 16” x 44”</td>
<td>55 gallons</td>
<td>¾” pipe</td>
<td>(2) ½” FPT</td>
</tr>
<tr>
<td>RHRB110</td>
<td>$305.99</td>
<td>Rain Barrel</td>
<td>31” x 32” x 44”</td>
<td>100 gallons</td>
<td>¾” pipe</td>
<td>(2) ¾” FPT</td>
</tr>
</tbody>
</table>

*On-demand pumps use a pressure switch to turn water on and off automatically as water is required.
**TECHNICAL DATA**

**FOUNTAIN**

SIZING PUMPS FOR OVERFLOWING FOUNTAINS:
Provide 10 - 15 gph per inch of active edge (where water is actively overflowing) for bubbling rocks, overflowing vases and basins:

10 - 15 gph x diameter in inches x 3.14

For example:
400 - 600 gph for 12" fountain diameter, 550 - 800 gph for 18" diameter, 750 - 1200 for 24" diameter

**COMPENSATING FOR SPLASH LOSSES**

- Typical splash zone extends from the source as far out as the feature is tall. A feature 3’ tall may splash out 3’ in every direction, a 6’ diameter splash zone.
- For in-ground installations, use a liner skirt to return splash to the basin. A liner skirt can be constructed by placing a piece of liner on top of the basin extending as far in every direction as the feature piece is tall. A hole is then cut in the section of liner over the fountain basin (creating a ‘donut’) to allow splash to return to the basin.
- Use an Auto Fill to compensate for splash and evaporation losses.

**ECO-BLOX / ECO-RISE SYSTEM**

For multiple features up to 3,000 pounds per Eco-Rise, set directly over Eco-Blox reservoirs.

**TYPICAL FOUNTAIN BASIN INSTALLATION**

**ECO-BLOX / ECO-RISE SYSTEM**

For multiple features up to 3,000 pounds per Eco-Rise, set directly over Eco-Blox reservoirs.

**TYPICAL PUMP SIZING**

Use up to two TT3000 pumps, into two 3-Way Diverters, per PV1700 Pump Vault, to supply up to 400 - 500 gph to each of 6 individual features through 1/2" tubing.

**LIGHTING FOUNTAINS IN AN ECO-RISE SYSTEM:**

- Unlike typical pond-free systems the volume of the reservoir is not as important as the size of reservoir. Care should be taken to make the reservoir large enough to support all the pieces. A liner skirt may be used to capture splash that extends beyond the reservoir.
- Use a liner skirt to return splash to the basin. A liner skirt can be constructed by placing a piece of liner on top of the basin extending as far in every direction as the feature piece is tall. A hole is then cut in the section of liner over the fountain basin (creating a ‘donut’) to allow splash to return to the basin.
- Typical splash zone extends from the source as far out as the feature is tall. A feature 3’ tall may splash out 3’ in every direction, a 6’ diameter splash zone.
- Use an Auto Fill to compensate for splash and evaporation losses.
- Each Eco-Rise supports up to 3,000 pounds. Use multiple Eco-Rise units underneath larger pieces as needed.
- Use one PV1700 Pump Vault for up to six individual pieces. More than six pieces can be accommodated by multiple PV1700 Pump Vaults.

**RESYNCHING YOUR REMOTE CONTROL**

If the remote control stops working properly, please install fresh batteries. Important - do not touch the face of the remote while installing batteries. If problems persist, the remote may need to be re-synched to the control module.

1. Unplug the transformer.
2. Hold the E button down (The red indicator lamp on the remote will be lit).
3. Unplug the transformer.
4. If the Colorfalls blinks three times and stops, the remote and control unit are synchronized.
5. If the Colorfalls blinks six or more times, it is clearing all codes. Repeat steps 1-3.

**TYPICAL COLORFALLS INSTALLATION:**

- Colorfalls must be supported evenly both above and below the lip as shown.
- Lip overhang should not exceed 1” to avoid algae issues, warping and loss of support.
- Load bearing capacity of Colorfalls is 40 lbs. per linear foot.
- For best results and the least amount of water loss, falls should not exceed max heights listed on pages 15 and 16.

**TECHNICAL DATA**

**FORMAL SPILLWAY FEATURES**

**TYPICAL COLORFALLS INSTALLATION:**

- Colorfalls must be supported evenly both above and below the lip as shown.
- Lip overhang should not exceed 1” to avoid algae issues, warping and loss of support.
- Load bearing capacity of Colorfalls is 40 lbs. per linear foot.
- For best results and the least amount of water loss, falls should not exceed max heights listed on pages 15 and 16.

**COMBINING COLOR CHANGING COLORFALLS**

- Use included 1½” threaded coupling to attach multiple Colorfalls together.
- Then use Splitters to link and sync up to 5 Color Changing Colorfalls together.

**REMOTE CONTROL FUNCTIONS**

- On-Button: Touch and release to turn the lights on
- Touch for two seconds to turn off Color Changing Modes
- Off Button
- Color Wheel
- Indicator Light
- Brightness (Up)
- Brightness (Down)
- Speed (Up)
- Speed (Down)
- Preset Light Changing Mode Selection (Up)
- Preset Light Changing Mode Selection (Down)
- Continuous full spectrum fade change
- Red-Green-Blue dimmer change
- 7 color jump change
- Red-Green-Blue jump change
- Solid Crystal White
- Solid Crystal White on/off
- Solid Crystal White
- Solid Red
- Solid Green
- Solid Blue
- Solid Aqua
- Solid Purple
- Solid Yellow
- Red-Green-Blue dimmer change
- Red-Green-Blue jump change
- Flashing Red
- Flashing Green
- Flashing Yellow
- Flashing Red and Blue

**PRESET LIGHT CHANGING MODES**

**TECHNICAL DATA**

**ECO-BLOX / PUMP VAULT LAYOUTS**

- Use up to two TT3000 pumps, into two 3-Way Diverters, per PV1700 Pump Vault, to supply up to 400 - 500 gph to each of 6 individual features through 1/2" tubing.

**RESYNCHING YOUR REMOTE CONTROL**

If the remote control stops working properly, please install fresh batteries. Important - do not touch the face of the remote while installing batteries. If problems persist, the remote may need to be re-synched to the control module.

1. Unplug the transformer.
2. Hold the E button down (The red indicator lamp on the remote will be lit).
3. While still holding the E button down, plug in the transformer. The Colorfalls will start blinking.
4. If the Colorfalls blinks three times and stops, the remote and control unit are synchronized.
5. If the Colorfalls blinks six or more times, it is clearing all codes. Repeat steps 1-3.

**ECO-BLOX / PUMP VAULT LAYOUTS**

- Use included 1½” threaded coupling to attach multiple Colorfalls together.
- Use included 1½” threaded coupling to attach multiple Colorfalls together.

**REMOTE CONTROL FUNCTIONS**

- On-Button: Touch and release to turn the lights on
- Touch for two seconds to turn off Color Changing Modes
- Off Button
- Color Wheel
- Indicator Light
- Brightness (Up)
- Brightness (Down)
- Speed (Up)
- Speed (Down)
- Preset Light Changing Mode Selection (Up)
- Preset Light Changing Mode Selection (Down)
- Continuous full spectrum fade change
- Red-Green-Blue dimmer change
- 7 color jump change
- Red-Green-Blue jump change
- Solid Crystal White
- Solid Crystal White on/off
- Solid Crystal White
- Solid Red
- Solid Green
- Solid Blue
- Solid Aqua
- Solid Purple
- Solid Yellow
- Red-Green-Blue dimmer change
- Red-Green-Blue jump change
- Flashing Red
- Flashing Green
- Flashing Yellow
- Flashing Red and Blue

**PRESET LIGHT CHANGING MODES**

**ECO-BLOX / PUMP VAULT LAYOUTS**

- Use included 1½” threaded coupling to attach multiple Colorfalls together.
TECHNICAL DATA

WALL SPOUTS

• Wall Spouts should protrude at least 2” over the catch basin
• Integrated drip edge ensures any drip falls straight down preventing water from running back, dampening retaining wall
• Allow for the plumbing to be adjusted backwards to snug fitting to the wall, or caulk small gap between Spout and wall
• Flows under 600 gph will not allow Spout Light to illuminate water flow if used.

LIGHTING OPTIONS:

• To illuminate Spillways, either uplight by placing a Light Ring directly below the falls or downlight by installing wall lights above the Spillway.

FORMAL SPILLWAY AND FLEXIBLE BASIN INSTALLS

COLORFALLS WITH FORMAL SPILLWAY BASIN

SPILLWAY WITH FORMAL SPILLWAY BASIN

WALL SPOUT WITH FLEXIBLE HARDSCAPE BASIN

CALCULATING BASIN VOLUME

For larger basin volumes or a deeper basin is required, Atlantic offers Pump Vault Extensions for both the PV1800 and PV2300. Each additional layer of Eco-Blox increases the depth of your excavation by 17.5”; use one Extension for each additional layer.

QUANTITY OF BOULDERS AND GRAVEL FOR A STREAM:

For every 1 ton of 6” - 12” boulders, get 2 tons of 12” - 18” boulders, 1 ton of 18” - 24” boulders.
**TECHNICAL DATA**

**STREAM BED CONSTRUCTION**

The less the water level drops as the feature turns on and the stream fills, the better for proper function. Proper streambed construction can reduce the amount of water needed for this transition.

Since transitional volume is determined by the height that the weir rock extends above the liner at the spillways, minimizing that height reduces the amount of water necessary to fill the streambed. The drawings to the right display two examples of proper construction techniques for minimal transitional water.

**IMPROPER STREAMBED CONSTRUCTION**

**PROPER STREAMBED CONSTRUCTION**

**WATER GARDEN FEATURES**

Upon start-up, the pump draws water from the pond to fill the streambed, from top to bottom, until the water overflows back into the pond to complete the cycle. We call the amount of water needed to complete this cycle the 'transitional' water volume. If the streambed is built improperly, or is built too big, the water level of the pond could drop below the opening in the skimmer before the water levels equalize. This would result in the pump starting for water and running dry.

This situation can be easily avoided by using the formula provided to calculate the surface area of your pond. With that number, you can then determine the maximum surface area of waterfalls and streambed that your pond can accommodate.

To limit the transitional volume of water needed to get the system cycling, the stream surface area should be half of the pond surface area or less. Follow guidelines for proper Streambed Construction.

**SURFACE AREA**

**MAXIMUM AREA OF STREAM (IF YOU KNOW YOUR POND SIZE)**

Average Length of Pond x Average Width of Pond ÷ 2 = Maximum Area of Stream

**MINIMUM AREA OF POND (IF YOU KNOW YOUR STREAM SIZE)**

Average Length of Stream x Average Width of Stream ÷ 2 = Minimum Area of Pond

**SIZING & CALCULATIONS**

**SIZING LINER (LENGTH, WIDTH AND DEPTH MEASURED IN FEET):**

- Pond Liner Length = Maximum Length of Pond ÷ (2 x Maximum Depth) + 2'
- Pond Liner Width = Maximum Width of Pond ÷ (2 x Maximum Depth) + 2'
- Stream Liner Length = Maximum Length of Stream ÷ 4
- Stream Liner Width = Maximum Width of Stream ÷ 4

* Round up to the nearest multiple of 5’ to order liner

**APPROXIMATE VOLUME OF WATER IN POND IN GALLONS:**

Average Length x Average Width x Average Depth ÷ 7.5 = Total Gallons in Pond

**APPROXIMATE GALLONS OF WATER IN A STREAM:**

Average Length x Average Width x Average Depth ÷ 7.5 = Total Gallons in Stream

**QUANTITY OF BOULDERS AND GRAVEL NEEDED FOR A FULLY ROCKED AND GRAVEDLED POND:**

- Tons of Boulders = Length x Width ÷ 40
- Tons of Gravel = Tons of Boulders ÷ 4

**QUANTITY OF BOULDERS AND GRAVEL FOR A STREAM:**

- Tons of Boulders = 15 tons for every 10’ of stream
- Tons of Gravel = Tons of Boulders ÷ 4

**RATIO OF SIZES OF BOULDERS:**

For every 1 ton of 6’ - 12” boulders, get 2 tons of 12” - 18” boulders, 1 ton of 18” - 24” boulders

**TECHNICAL DATA**

**PLACEMENT OF THE FILTERFALLS AND SKIMMER:**

Now that you have determined the size of the pond, waterfalls and filter system, it is time to determine the placement of the components.

Whenever possible, it is best to position the Skimmer and FilterFalls directly across from each other at opposite ends of the pond. This setup creates a current that pulls surface debris into the Skimmer.

If the Skimmer and FilterFalls are placed too close together, or the pond has an unusual shape, dead areas can occur. Those dead areas can be eliminated with the use of multiple falls or multiple skimmers.

**BOG CONSTRUCTION**

Atlantic’s Eco-Blox and Pump Vaults make excellent, easy to maintain bog filters. When installed with perforated pipe underneath a field of Eco-Blox, the Pump Vaults act as distribution nodes and clean-outs for upflow bogs of any size and configuration. Pond water pumped into the perforated pipe flows up through the Eco-Blox, shedding velocity and settling out sediment. Plants set in gravel on top of the Eco-Blox remove fine solids and nitrates. Simply flush the chamber from above into the Pump Vault to remove sediment.

**SIZING BOGS:**

- Water Gardens with few fish and no food added, size the bog at 10% of the surface area of the water garden
- Fish ponds with goldfish that are fed occasionally, size the bog at 20% of the surface area of the fish pond
- Koi ponds with koi that are fed frequently, size the bog at 30% of the surface area of the koi pond

**UPFLOW VS. DOWNFLOW BOGS:**

- Upflow bogs are located at the perimeter of the pond, typically above pond water level. Because the debris ends up at the surface, easily accessible, upflow bogs are easy to keep clean.
- Downflow bogs are set inside the pond, typically in deeper water than upflow bogs. Because they trap debris deep in the gravel layer underground, they are less easily cleaned and maintained.

**PLANT RECOMMENDATIONS:**

<table>
<thead>
<tr>
<th>POND SIZE</th>
<th>MARGINALS</th>
<th>WATER LILIES</th>
<th>FLOATERS</th>
<th>SUBMERGED</th>
<th>BOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ x 8’</td>
<td>6</td>
<td>1</td>
<td>3</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>8’ x 11’</td>
<td>9</td>
<td>1</td>
<td>5</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>11’ x 16’</td>
<td>12</td>
<td>2</td>
<td>7</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>16’ x 21’</td>
<td>15</td>
<td>3</td>
<td>15</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>21’ x 26’</td>
<td>21</td>
<td>5</td>
<td>25</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

Stream per 10’ 3 - 6
TECHNICAL DATA

PUMPS

CALCULATING TOTAL DYNAMIC HEAD

1. PICK A LOOK & SPECIFY A FLOW:

Choose the appearance you would like for your waterfall from the suggested choices to the left. Multiply the corresponding GPH Per Foot by the desired Width of the Waterfall to find the Recommended Flow.

CHART A
FRICITION LOSS PER FOOT OF TUBING

FLOW
(GPH) ½” ¾” 1” 1¼” 1½” 2” 3”
100 0.10 0.05 0.01
200 0.20 0.10 0.02
300 0.30 0.15 0.03
400 0.40 0.20 0.04
500 0.50 0.25 0.05
750 0.75 0.37 0.08
1000 1.00 0.40 0.10
1500 1.50 0.60 0.15
2000 2.00 0.70 0.20
3000 3.00 0.90 0.30
4000 4.00 1.10 0.40
5000 5.00 1.30 0.50
6000 6.00 1.50 0.60
8000 8.00 1.70 0.80
10,000 10.00 1.90 1.00
12,000 12.00 2.10 1.20
15,000 15.00 2.40 1.50
18,000 18.00 2.70 1.80

Example: GPH 3000 Friction Loss 0.05 tubing 2”

2. DETERMINE FRICITION LOSS:

2.1 FIND TUBING SIZE & FRICTION

Find the dark blue cell that corresponds with the Recommended Flow (GPH) in CHART A. The column indicates the recommended tubing size and the number in the cell is the Friction Loss in every foot of tubing. Keep Friction Loss low for greatest flow.

To find the Friction Loss of existing systems, estimate the flow through the actual tubing size used.

2.2 ADD FRICTION IN FITTINGS

Add the equivalent lengths of all the fittings in the system, from CHART B, to the tubing length from pump to falls to find the Equivalent Tubing Length.

2.3 CALCULATE FRICTION HEAD

Multiply the Equivalent Tubing Length in feet by the Friction Loss in the dark blue cell from CHART A to find the Friction Head of the system.

3. FIND THE TOTAL DYNAMIC HEAD

Add the Friction Head in Feet to the Vertical Head of this feature to determine the Total Dynamic Head. Vertical Head is the height in feet from the surface of the water the pump will be sitting in, to the highest point the water is pumped to. Take the Total Dynamic Head to the pump chart on page 43 and find the pumps that provide at least the recommended flow.

Beige colored cells indicate that the TDH is outside the pump's operating range and the pump will likely not last in this application. Light blue cells indicate the pump is operating within its operating range. Dark blue means the TDH is in the pump’s Best Efficiency Point, where the pump will run best and longest. If the chart gives you a choice of more than one pump, check for the lowest wattage to save on operating costs.

CHART B
FRICTION IN EQUAL FEET OF STRAIGHT PIPE

FITTINGS FRICTION LOSS IN FEET 1” 1¼” 1½” 2” 3”
Std Elbow, 90 degree 4.5 5.5 7.0 7.5 8.5 11.0
Std Elbow, 45 degree 1.0 1.5 2.0 2.5 3.0 4.0
Male / Female Adapter 1.5 2.0 3.0 3.5 4.5 6.5
Tee (Straight Thru) 2.5 3.0 5.0 6.0 8.0 12.0
Tee (Tee Branch) 5.5 7.0 9.0 10.0 12.0 17.0
Swing Check Valve 9.0 11.0 13.0 15.0 19.0 27.0

ELECTRICAL COST

Amps x Volts = Watts
Watts ÷ 1000 = kW/hr
kW/hr x 24 hours x 30.4 days = kW per month
kW per month x your electric cost per kW/hr = Monthly Operating Cost

LIGHTING

REPLACING DIODES ASSEMBLIES

All the diode assemblies of the lights pictured can be replaced as needed. For the Hardscape Lights, remove the screws, unplug the, light bar, plug in the new light bar in, align the silicone gasket and retighten screws.

For the large and small Spotlights and the Spout Light, unscrew the bezel by hand or with the tool provided, remove the diode assembly, replace and retighten bezel. In every case, make sure silicone gasket is properly seated to avoid leaks.

SOLW2 / SOLCC2:

HARDSCAPE LIGHT:

MAKING CONNECTIONS

The six wire cord for Color Changing Lighting carries both AC and DC current that cannot be interchanged, so proper alignment of plugs is a must. Any water intrusion into the quick-connect plugs must be avoided to prevent short circuiting. Make sure all connecting plugs are fully tightened.

For further protection of both Warm White and Color Changing lights we strongly suggest the use of dielectric grease in quick-connect plugs to vastly reduce the chance of short circuiting and premature light failure. As a general rule, full or partial submersion of quick-connect plugs should be avoided.
Aeration is critical for water clarity and quality, summer and winter.

In warm weather, aeration circulates and oxygenates water to the bottom, allowing for fast aerobic decomposition of wastes and eliminating hot spots at the surface where algae thrive.

In cold weather, move the aerator to the shallows to keep a section of the surface free of ice economically, allowing replenishment of oxygen and the degassing of carbon dioxide, without disturbing the pocket of warm water at the bottom of the pond.

### TECHNOICAL DATA

#### MAINTENANCE

**SMALL POND AERATION:**

**SUMMER DIFFUSER PLACEMENT:**

**WINTER DIFFUSER PLACEMENT:**

**REPLACING DIAPHRAGMS IN AIR PUMPS**

Rubber diaphragms are a wearable part that will need servicing over time. Moisture, heat and dust will all shorten the life of the diaphragms. Please follow the following steps when installing replacement diaphragms.

**TA0400 & TA0800**

- Remove the four screws on the bottom of air pump housing.
- Remove the top cover taking care not to damage/ misplace the outer gasket and four O-rings that seal the housing at the screw connections.
- Remove the three screws and the bracket that hold the diaphragm cartridge in place.
- Unplug the outlet hose and remove the diaphragm cartridge.
- Discard and install the new cartridge.

**TA1800 & TA3600**

- Remove the top cover housing for the air pump. Loosen the air chamber screws (1) and remove the outer air chamber (2).
- Loosen the diaphragm nut (3) and remove the diaphragm depresor (4), electrostatic membrane (5) and the damaged diaphragm (6).
- Install the new diaphragm ensuring that the rubber tabs align properly with the notches on the inner air chamber.
- Once the diaphragm is seated properly, assemble the components by following the previous steps in reverse order.

### WATER TREATMENT GUIDE

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>REVIVE</th>
<th>BIOMAX+</th>
<th>QUICK CLEAR</th>
<th>ECOSOLV</th>
<th>ECOLLEAN</th>
<th>CLARI BLEST</th>
<th>RECLAIM</th>
<th>BIOMAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEWWATER/GARDEN</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WATER CHANGE</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADDING FISH</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEVATED AMMONIA</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUDY / CLOUDY WATER</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUSPENDED ORGANICS</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATTACHED ORGANICS</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLUDGE</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLANT DEBRIS</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOOL DOOR</td>
<td>⬤</td>
<td>⬤</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>