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## TECHNICAL DATA & POP

- Products proudly manufactured in the United States
- Video available through our website
- 3D model available on our website
- CAD drawing available through our website

Video available on our YouTube channel.
NEW! All new products for 2019 are indicated by this symbol.

FLEXIBLE FOUNTAIN BASINS
New Flexible Fountain Basins in Round and Rectangular from 4’ to 8’. Page 14

NOZZLES
Seven styles of stainless steel fountain Nozzles to create a plethora of unique installations. Page 8-9

NATURAL BASALT COLUMNS
Available individually or as a 3-piece set. Page 12

COPPER FOUNTAIN & SPILLWAY BOWLS
Constructed of solid copper, these bowls are sure to be the focal point of your landscape. Page 10-11 & 28

WALL SPOUTS
All four styles in an all new antique copper finish. Page 20

CORD SEAL FITTING
Universal fitting seals cords inside plumbing. Page 65

OUR FAMILY OF ATLANTIC SMART PRODUCTS HAS GROWN!
We redesigned our entire line of lighting, with new Compact Spotlights, Bar Lights, Fountain Lights, Ring Lights and InfiColor Smart Module. See the entire new line of lighting on pages 68-79.

The InfiColor mobile application unlocks a world of custom colors, sequences and transitions and sets sequence timing and daily scheduling on any Apple or Android mobile device. Best of all, the InfiColor App eliminates the need for a separate remote control.

- Select any or all of the three zones to control
- Choose any color with color picker or RGB sliders
- Create and save custom color sequences as Favorites
- Assign one or more of three transitions and adjust the speed of any Favorite
- Adjust brightness of sequences and solid colors if desired
- The three zones can be independently named and scheduled
- InfiColor App available on all Apple or Android devices

TidalWave VSC App on Page 60
- All TidalWave Variable Speed Controllers are compatible with the TidalWave VSC app
- Turns TT pumps on and off and controls pump output
- 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

Triton Ionizer App on Page 81
- The Triton 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
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DOWNLOAD ALL OF OUR SMARTPHONE APPS!

We redesigned our entire line of lighting, with new Compact Spotlights, Bar Lights, Fountain Lights, Ring Lights and InfiColor Smart Module. See the entire new line of lighting on pages 68-79.
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!

- 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 PP, MD 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 Warm White and Color Changing Lighting with Fountain Systems to add dramatic appeal after dark.
**VERTICAL NOZZLES**

- Single jet creates a column of water by inducting water into the nozzle
- Wind resistant jet designed for larger water features
- Appearance will vary depending on water level

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
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<tbody>
<tr>
<td>FNC15</td>
<td>$64.99</td>
<td>Cascade Column Nozzle</td>
<td>1½&quot; MIPT</td>
<td>2&quot;W x 6&quot;H</td>
<td>5-year</td>
</tr>
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<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPRAY HEIGHT</th>
<th>DESCRIPTION</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
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<tbody>
<tr>
<td>FNC15</td>
<td></td>
<td></td>
<td>1½&quot; MIPT</td>
<td>2&quot;W x 6&quot;H</td>
<td>5-year</td>
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<tr>
<td>FNC15</td>
<td></td>
<td></td>
<td>1½&quot; MIPT</td>
<td>2&quot;W x 6&quot;H</td>
<td>5-year</td>
</tr>
</tbody>
</table>

**NEW!**

**HORIZONTAL NOZZLES**

- Multi-outlet nozzle with single central jet and 18 arching sprays
- Best for circular patterns from 6' to 12' in diameter in larger fountains
- Nozzle functions independently of water level

<table>
<thead>
<tr>
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<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNAS15</td>
<td>$74.99</td>
<td>Arching Spray Nozzle</td>
<td>1½&quot; FIPT</td>
<td>3&quot;W x 4½&quot;H</td>
<td>3-year</td>
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<thead>
<tr>
<th>MODEL</th>
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<tbody>
<tr>
<td>FNAS15</td>
<td></td>
<td></td>
<td>1½&quot; FIPT</td>
<td>3&quot;W x 4½&quot;H</td>
<td>3-year</td>
</tr>
</tbody>
</table>

**NEW!**

**DIRECTIONAL NOZZLES**

- Directional fan with built-in ball and socket adjustable mount
- Nozzle functions independently of water level
- Best used to create a solid curtain accent when mounted at a 45° angle

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
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</thead>
<tbody>
<tr>
<td>FNDF10</td>
<td>$64.99</td>
<td>Directional Fan Nozzle</td>
<td>1&quot; FIPT</td>
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<thead>
<tr>
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<tbody>
<tr>
<td>FNDF10</td>
<td></td>
<td></td>
<td>1&quot; FIPT</td>
<td>3&quot;W x 6&quot;H</td>
<td>3-year</td>
</tr>
</tbody>
</table>

**NEW!**

**ACCESSORIES**

- Nozzles direct water in decorative patterns or shapes in fountain applications
- Atlantic’s Nozzles are designed to take advantage of higher volume, lower pressure, energy-efficient asynchronous pumps
- Higher volume nozzles with larger openings are less susceptible to clogging and wind deflection
- Stainless steel Nozzle Adjustment Base allows for vertical alignment of any nozzle, up to 15° off vertical
- Atlantic Nozzles are 304 stainless steel for performance and longevity
- Stainless steel Nozzle Adjustment Base allows for vertical alignment of any nozzle, up to 15° off vertical

**MODEL LIST DESCRIPTION INLET DIMENSIONS WARRANTY**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>FNCC15</td>
<td>$64.99</td>
<td>Horizontal Cone Nozzle</td>
<td>1½&quot; MIPT</td>
<td>2&quot;W x 6½&quot;H</td>
<td>3-year</td>
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<tr>
<td>FNCC15</td>
<td></td>
<td></td>
<td>1½&quot; MIPT</td>
<td>2&quot;W x 6½&quot;H</td>
<td>3-year</td>
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</tbody>
</table>

**NEW!**

**FROTHY NOZZLES**

- Frothy Nozzle creates a “frothy” appearance by inducting air
- Wind resistant jet with adjustable orifice to tune exact height, for small to medium fountains
- Wind resistant jet designed for larger water features

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>FNAF10</td>
<td>$74.99</td>
<td>Adjustable Frothy Nozzle</td>
<td>1&quot; MIPT</td>
<td>2½&quot;W x 6&quot;H</td>
<td>3-year</td>
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<td></td>
<td>1&quot; MIPT</td>
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<td>3-year</td>
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<td>FNAF10</td>
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<td></td>
<td>1&quot; MIPT</td>
<td>2½&quot;W x 6&quot;H</td>
<td>3-year</td>
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</table>

**NEW!**
COPPER FOUNTAIN BOWLS

MODEL: CB30R4
• Fountain Bowls are a stylish and elegant addition to any landscape or hardscape
• Atlantic Copper Fountain Bowls are crafted out of solid copper
• Copper Fountain Bowls may be used alone as a decorative accent in fountains or ponds or to start a waterfall
• Copper Fountain Bowls are designed to form a natural patina over time
• 30” diameter bowl features a 4” spillway for a gentle water flow and calming effect

MODEL: CB36R0
• 36” Copper Fountain Bowl is designed to overflow around its entire perimeter into either a FB4600 Fountain Basin or an Eco-Rise System
• 30” Copper Fountain Bowl and Pedestal may be used in combination with 36” Copper Fountain Bowl on an Eco-Rise System
• Bowls feature dual 1½” FIPT inlets and standpipe for lighting and water supply
• Dual inlets allow water supply to be plumbed independently from lighting cords. Use the Cord Seal Fitting to pass the light cord into the bowl through the second inlet

MODEL: CB36R6
• Copper Fountain Bowls are a stylish and elegant addition to any landscape or hardscape
• Atlantic Copper Fountain Bowl and Pedestal are crafted out of solid copper
• Copper Fountain Bowls are designed to form a natural patina over time
• 26” diameter bowl features four 6” spillways, dual 1” FIPT inlets and standpipe for lighting and water supply
• Pedestal of solid reinforced copper is designed to securely elevate all Copper Fountain Bowls and Copper Spillway Bowls by 8”

MODEL: CB26R6
• Spillways are sized at 6” for maximum water flow and visual effect
• Dual inlets allow water supply to be plumbed independently from lighting cords. Use the Cord Seal Fitting to pass the light cord into the bowl through the second inlet
• 26” Copper Fountain Bowl is designed to sit on a FB4600 Fountain Basin on top of the Pedestal
• Use 12” Splash Rings with 26” Copper Fountain Bowl on FB4600 to control splash

MODEL: CB16P
• Spillways are sized at 6” for maximum water flow and visual effect
• Dual inlets allow water supply to be plumbed independently from lighting cords. Use the Cord Seal Fitting to pass the light cord into the bowl through the second inlet

NEW!

Atlantic’s unique Cord Seal Fitting makes the addition of lighting to any Fountain easy and trouble-free. The specially engineered fitting clamps around the cord before inserting into any 1½” slip PVC socket. Tightening the fitting expands the rubber gasket against both the cord and the inside of the fitting with a leak-proof seal. The Cord Seal Fitting includes stainless steel screws for durability and longevity. Page 65

DID YOU KNOW?
Atlantic’s Copper Fountain Bowls have a thin lacquer coating to prevent unwanted tarnishing but will develop a beautiful natural patina over time. The patina will appear first where water flows over the copper. If desired, any copper cleaner can be used to restore the natural copper luster in applications that do not have fish, plants or wildlife.

NEW!
**BASALT COLUMNS**

- Attractive natural stones are drilled to create overflowing water features
- Hexagonal pillars have a snapped top and sawn base for stability
- Volcanic basalt oxidizes to form attractive multi-colored patina over time
- Atlantic’s Basalt Columns are generously core-drilled to 1 1/8” to fit up to 1” Sch 40 PVC or 1/4” kink-free tubing plus a light cord
- A 2” diameter, 5” deep socket recesses Atlantic’s Fountain Light and buffers the water plume
- Available in single or three piece sets for design flexibility

**MODEL LIST**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>ESTIMATED WEIGHT</th>
<th>APPROXIMATE DIMENSIONS</th>
<th>RECOMMENDED BASIN SIZE</th>
<th>RECOMMENDED PUMP</th>
<th>RECOMMENDED PLUMBING KIT</th>
<th>WARRANTY</th>
</tr>
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<tbody>
<tr>
<td>NBC24</td>
<td>$258.99</td>
<td>140 lbs.</td>
<td>10”W x 24”H</td>
<td>FB2400</td>
<td>FP400</td>
<td>FBKIT1</td>
<td>3-year</td>
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<tr>
<td>NBC30</td>
<td>$309.99</td>
<td>175 lbs.</td>
<td>10”W x 30”H</td>
<td>FB3200</td>
<td>FP500</td>
<td>FBKIT1</td>
<td>3-year</td>
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<tr>
<td>NBC36</td>
<td>$363.99</td>
<td>210 lbs.</td>
<td>10”W x 36”H</td>
<td>FB4600</td>
<td>FP500</td>
<td>FBKIT1</td>
<td>3-year</td>
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<tr>
<td>NBCX3</td>
<td>$896.99</td>
<td>525 lbs.</td>
<td>---</td>
<td>FB4600</td>
<td>TTT2000</td>
<td>FBKIT3</td>
<td>3-year</td>
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**COLOR CHANGING VASES**

- 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**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>RECOMMENDED BASIN SIZE</th>
<th>RECOMMENDED PUMP</th>
<th>RECOMMENDED PLUMBING KIT</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTN CCV18</td>
<td>$248.99</td>
<td>¾” PVC Spig.</td>
<td>10”W x 16”H</td>
<td>FB2400</td>
<td>FP200</td>
<td>FBKIT1</td>
<td>5-year</td>
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<tr>
<td>FTN CCV24</td>
<td>$280.99</td>
<td>¾” PVC Spig.</td>
<td>12”W x 24”H</td>
<td>FB3200</td>
<td>FP300</td>
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<td>5-year</td>
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<tr>
<td>FTN CCV32</td>
<td>$323.99</td>
<td>¾” PVC Spig.</td>
<td>14”W x 32”H</td>
<td>FB3200</td>
<td>FP400</td>
<td>FBKIT1</td>
<td>5-year</td>
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<tr>
<td>FTN CCVX3</td>
<td>$723.99</td>
<td>(3) ¾” PVC Spig.</td>
<td>---</td>
<td>FB4600</td>
<td>MD1000</td>
<td>FBKIT3</td>
<td>5-year</td>
</tr>
</tbody>
</table>

**DID YOU KNOW?**

The new Atlantic Fountain Light is designed to fit into cored boulders and stone columns with 2” diameter bore holes. The cord exits the high impact housing vertically to run down alongside ¼” kink-free tubing. Available in both Warm White and Color Changing, the Fountain Light synchronizes with the entire Atlantic Lighting System to maximize lighting design flexibility. Page 72
FLEXIBLE FOUNTAIN BASINS

- Flexible Basins instantly create open reservoirs below grade or inside raised walls
- Atlantic’s Flexible Fountain Basins are designed to work with most popular manufactured wall stones and colors
- Reinforced PVC construction with fold out flaps and punched glue points anchors liner under capstones for security and durability
- Unlike improvised EPDM liner basins, custom 28mil PVC liners eliminate folds and wrinkles for a neat professional appearance

MODEL: FF4416T (Tan)  
FF4416G (Grey)  
FF4416B (Black)

MODEL: FF4616T (Tan)  
FF4616G (Grey)  
FF4616B (Black)

MODEL: FF4816T (Tan)  
FF4816G (Grey)  
FF4816B (Black)

MODEL: FF4016T (Tan)  
FF4016G (Grey)  
FF4016B (Black)

MODEL: FF6016T (Tan)  
FF6016G (Grey)  
FF6016B (Black)

MODEL: FF8016T (Tan)  
FF8016G (Grey)  
FF8016B (Black)

MODELIST DESCRIPTION FOR USE WITH DIMENSIONS CAPACITY WARRANTY

FF4416  
$556.99  
4’ Square Flexible Fountain Basin  
Nozzles, Spillways, Wall Spouts, WaterWalls  
4’W x 4’L x 16”H  
160 gallons  
1-year

FF4616  
$746.99  
4’ x 6’ Rectangular Flexible Fountain Basin  
Nozzles, Spillways, Wall Spouts, WaterWalls  
4’W x 6’L x 16”H  
240 gallons  
1-year

FF4816  
$935.99  
4’ x 8’ Rectangular Flexible Fountain Basin  
Nozzles, Spillways, Wall Spouts, WaterWalls  
4’W x 8’L x 16”H  
320 gallons  
1-year

FF4016  
$499.99  
4’ Round Flexible Fountain Basin  
Nozzles, Spillways, Wall Spouts, WaterWalls  
4’W x 16”H  
125 gallons  
1-year

FF6016  
$697.99  
6’ Round Flexible Fountain Basin  
Nozzles, Spillways, Wall Spouts, WaterWalls  
6’W x 16”H  
280 gallons  
1-year

FF8016  
$1,318.99  
8’ Round Flexible Fountain Basin  
Nozzles, Spillways, Wall Spouts, WaterWalls  
8’W x 16”H  
500 gallons  
1-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  
$104.99  
20”W x 20”D x 31”H  
¾” to 1½”  
3,000 lbs.  
Lifetime

NEW!

PV1700 Pump Vault shown with 3-Way Diverter installed for use with the Eco-Rise and Eco-Blox.
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.

- Recessed channels allow fast tubing installation without fear of kinking and crushing.
- Topside flow adjustment and easy pump access make maintenance faster and more convenient.
- Multiple internal supports handle greater loads with better stability than the competition.

**Model List**

<table>
<thead>
<tr>
<th>Model</th>
<th>List</th>
<th>Dimensions</th>
<th>Max Pump Flow</th>
<th>Plumbering Size</th>
<th>Capacity</th>
<th>Supports Up To</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB2400</td>
<td>$379.99</td>
<td>24&quot;W x 24&quot;D x 10&quot;H</td>
<td>750 gph</td>
<td>Up to ¾&quot;</td>
<td>20 gallons</td>
<td>200 lbs</td>
<td>Lifetime</td>
</tr>
<tr>
<td>FB3200</td>
<td>$309.99</td>
<td>32&quot;W x 13&quot;H</td>
<td>2,000 gph</td>
<td>(3) ¾&quot; or (1) 1&quot;</td>
<td>52 gallons</td>
<td>400 lbs</td>
<td>Lifetime</td>
</tr>
<tr>
<td>FB4600</td>
<td>$438.99</td>
<td>46&quot;W x 13&quot;H</td>
<td>4,000 gph</td>
<td>(3) ½&quot; or (1) 1½&quot;</td>
<td>67 gallons</td>
<td>1,200 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). Adjusting the water flow to multiple pieces has never been easier.
5. 1½" conduit recesses allow for clean installation in surrounding masonry without notching.
6. Flat panel for optional AF1000 Auto Fill installation.

**Triton 3-Way Diverter**

- The ¾" inlet allows unrestricted flow into the manifold
- True ‘half’ style valves with removable handles enable independent flow adjustment of each outlet
- The compact design makes it a perfect fit for installation in Pump Vaults and Fountain Basins

**Tristone 3-Way Diverter**

<table>
<thead>
<tr>
<th>Model</th>
<th>List</th>
<th>Dimensions</th>
<th>Inlet</th>
<th>Outlet</th>
<th>&quot;T&quot; Handles</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR3WAY</td>
<td>$23.99</td>
<td>5¼&quot;L x 4½&quot;W x 2½&quot;H</td>
<td>1½&quot;</td>
<td>FIPT</td>
<td>(2) removable</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Model</th>
<th>For Use With</th>
<th>Valve</th>
<th>Kink-Free ¼&quot; Hose</th>
<th>Standpipe Sealant</th>
<th>Fittings</th>
<th>Cord Stopper</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBKITI</td>
<td>MD200 - 500 &amp; MX250 - 750</td>
<td>Single</td>
<td>6&quot;</td>
<td>(1) strip</td>
<td>½&quot; insert x ½&quot; socket</td>
<td>(1) ½&quot; for conduit sleeve</td>
<td>5-year</td>
</tr>
<tr>
<td>FBKIT3</td>
<td>MD800 - 1500 &amp; TT1500 - 3000 Triton 3-Way Diverter</td>
<td>20&quot;</td>
<td>(3) strips</td>
<td>(1) ½&quot; insert x ½&quot; socket</td>
<td>(2) ½&quot; for conduit sleeve</td>
<td>5-year</td>
<td></td>
</tr>
</tbody>
</table>
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.

- 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

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.

Built-in recesses route all the plumbing beneath the basin, including Auto Fill feed lines and low voltage wiring for accent lighting.

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.

All plumbing is contained inside the perimeter of the basin, allowing retaining wall blocks to surround the basin with no notching or cutting.

Internal Metal mat prevents any debris from entering the pump and spillway, filtering the water and diffusing turbulence for even water flow from the spillway.

Large pump chamber accommodates the appropriate TidalWave pump with room for the installation of an Auto Fill Valve.

Complete Basin Kits work interchangeably with all Atlantic Formal Spillway styles: Colorfalls, Color Changing Colorfalls and Spillways.

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 Ring Light under the mesh to illuminate the falls from below.
**WALL SPOUTS**

- Wall Spouts are an easy and elegant way to add the sight and sound of water to vertical surfaces.
- Atlantic Wall Spouts complement larger spillways when paired; use alone to accent smaller spaces.
- 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 or antique copper finish to fit any style.
- Integrated drip edge to eliminate backflow down the wall.
- Includes grounding lug for bonded systems.
- For use with Formal Spillway and Flexible Hardscape Basins.

**MODEL LIST**

**FLOW RATE** Projections are measured from the face of the wall the Spout is mounted on.

**LIST** DESCRIPTION FLOW RATE PROJECTION INLET DIMENSIONS WARRANTY

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>FLOW RATE</th>
<th>PROJECTION</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSCM-S</td>
<td>$184.99</td>
<td>Mantova</td>
<td>600 gph</td>
<td>14” - 16” at 18”H &amp; 600 gph</td>
<td>½” FIPT</td>
<td>5½”W x 6½”D x 5½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>WSM-S</td>
<td>$184.99</td>
<td>Ravenna</td>
<td>600 gph</td>
<td>14” - 16” at 18”H &amp; 600 gph</td>
<td>½” FIPT</td>
<td>5½”W x 6½”D x 5½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>WSCR-O</td>
<td>$184.99</td>
<td>Verona</td>
<td>600 gph</td>
<td>14” - 16” at 18”H &amp; 600 gph</td>
<td>½” FIPT</td>
<td>7½”W x 6½”D x 5½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>WSR-O</td>
<td>$184.99</td>
<td>Olivett</td>
<td>600 gph</td>
<td>14” - 16” at 18”H &amp; 600 gph</td>
<td>½” FIPT</td>
<td>6½”W x 6½”D x 5½”H</td>
<td>3-year</td>
</tr>
</tbody>
</table>

**COLOR FALLS**

- 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** Projections are measured from the face of the wall the Colorfall is installed in.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>FLOW RATE</th>
<th>PROJECTION</th>
<th>INLET</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CF12</td>
<td>$204.99</td>
<td>Ice Blue</td>
<td>1,000 gph</td>
<td>15” - 20” at 18”H &amp; 1,000 gph (Rec. Height: 20” max.)</td>
<td>½” FIPT</td>
<td>12½”W x 8”D x 3½”H</td>
<td>5-year</td>
</tr>
<tr>
<td>CF24</td>
<td>$308.99</td>
<td>Ice Blue</td>
<td>2,000 gph</td>
<td>15” - 30” at 18”H &amp; 2,000 gph (Rec. Height: 30” max.)</td>
<td>½” FIPT</td>
<td>24½”W x 8”D x 3½”H</td>
<td>5-year</td>
</tr>
<tr>
<td>CF36</td>
<td>$400.99</td>
<td>Ice Blue</td>
<td>3,000 gph</td>
<td>15” - 40” at 18”H &amp; 3,000 gph (Rec. Height: 40” max.)</td>
<td>½” FIPT</td>
<td>36½”W x 8”D x 3½”H</td>
<td>5-year</td>
</tr>
</tbody>
</table>

**TECH TIP**

As long as you have 600 gallons per hour or more passing through the Wall Spout, you can add the dimension of light to your Wall Spouts! These unique 2 watt fixtures install inside the plumbing and light the water flowing past them. Available in your choice of Warm White or Color Changing, these unique lights synchronize with the entire Atlantic lighting line. Spout Lights on page 73.

**3 VIBRANT COLORS**

- New! 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.

**NEW! Colorfalls & Fountain Treatment** on page 84.
COLOR CHANGING COLORFALLS

• Atlantic's Color Changing Colorfalls is the only modular sheer descent system with multiple light and configuration options, the most versatile way to add light and water to your landscape or hardscape
• Color Changing Colorfalls synchronize with Atlantic Hardscape and submersible lights to create illuminated landscapes
• Unlike other sheer descent waterfalls, Atlantic Color Changing Colorfalls may be linked together to create waterfalls of any width
• Create up to a 15-foot synchronized Color Changing Colorfalls using the Wiring Kit CCCM05
• 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

COLOR CHANGING COLORFALLS 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 Atlantic Color Changing Lighting with Colorfalls for brilliant nighttime effects

CONTROL MODULE FEATURES:

Each Color Changing Colorfall includes a Control Module & Remote Control

Model: CC06
• 600 gph
• 8” - 10” at 18”H & 600 gph (Rec. Height: 20” max.)
• 12 volt DC / 6-wire
• 2-5 variable
• 1½” FIPT
• Dimensions: 6”W x 8”D x 3½”H
• Warranty: 1-year
• List Price: $265.99

Model: CC12
• 1,200 gph
• 8” - 10” at 18”H & 1,200 gph (Rec. Height: 20” max.)
• 12 volt DC / 6-wire
• 2-5 variable
• 1½” FIPT
• Dimensions: 12”W x 8”D x 3½”H
• Warranty: 1-year
• List Price: $313.99

Model: CC24
• 2,400 gph
• 8” - 10” at 18”H & 2,400 gph (Rec. Height: 30” max.)
• 12 volt DC / 6-wire
• 5-10 variable
• 1½” FIPT
• Dimensions: 24”W x 8”D x 3½”H
• Warranty: 1-year
• List Price: $509.99

Model: CC36
• 3,600 gph
• 8” - 10” at 18”H & 3,600 gph (Rec. Height: 40” max.)
• 12 volt DC / 6-wire
• 5-15 variable
• 1½” FIPT
• Dimensions: 36”W x 8”D x 3½”H
• Warranty: 1-year
• List Price: $645.99

Model List Flow Rate Projection* Input Output Dimensions Transformer Splitters Warranty

CCM05 $102.99 120 volt AC 12 volt DC / 60 watts 6”L x 3¼”D x 3¼”H 60 watt 2) 3-way / 6-wire 1-year

* Projection is measured from the face of the wall the Colorfalls is installed in.

 CONTROL MODULE FEATURES:

Input Voltage: 12 Volt AC
Output Voltage: 12 Volt DC / 6-wire
Max Load: 60 watts

Whether you want to create a single, seamless waterfall up to 15 feet wide, synchronize multiple Color Changing Colorfalls or link any Color Changing Light 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!

YOUR COLOR CHANGING COLORFALLS ARE FULLY COMPATIBLE WITH ALL ATLANTIC COLOR CHANGING LIGHTING AND THE NEW INFCOLOR SMART MODULE AND APP. HOW? NEWER LIGHTING INCLUDES A PLUG ADAPTER FOR USE WITH COLOR CHANGING MODULES, AND HAVING THE INFCOLOR SMART MODULE INCLUDES A PINADAPTOR FOR BACKWARDS COMPATIBILITY WITH COLOR CHANGING COLORFALLS AND SOL COLOR CHANGING LIGHTING. PAGE 76-77

DID YOU KNOW?
316 STAINLESS STEEL SPILLWAYS

• 316 Stainless Steel Spillways enhance any vertical wall in 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.

MODEL LIST DESCRIPTION FLOW RATE PROJECTION* INLET DIMENSIONS WARRANTY
SS12-316 $325.99 12" 316 Stainless Steel Spillway 1,200 gph 9" - 10" at 18"H & 1200 gph 1½" FIPT 12"W x 8½"D x 4½"H 3-year
SS24-316 $475.99 24" 316 Stainless Steel Spillway 2,400 gph 9" - 10" at 18"H & 2,400 gph 1½" FIPT 24"W x 8½"D x 4½"H 3-year
SS36-316 $692.99 36" 316 Stainless Steel Spillway 3,600 gph 9" - 10" at 18"H & 3,600 gph 1½" FIPT 36"W x 8½"D x 4½"H 3-year

* Projection is measured from the face of the wall the Spillway is installed in.

304 SPILLWAYS

• 304 Stainless Steel Spillways provide an enticing and durable focal point for fresh water applications in the hardscape.
• Atlantic’s copper finish and brushed stainless Spillways feature heavy-gauge construction for ageless durability.
• Spillways replace 4-inch wall blocks for easy and convenient installation in standard garden wall block construction.

MODEL LIST DESCRIPTION FLOW RATE PROJECTION* INLET DIMENSIONS WARRANTY
SS12 $230.99 12" 304 Stainless Steel Spillway 1,200 gph 9" - 10" at 18"H & 1200 gph 1½" FIPT 12"W x 8½"D x 4½"H 3-year
CS12 $285.99 12" 304 Copper Finish Spillway 1,200 gph 9" - 10" at 18"H & 1200 gph 1½" FIPT 12"W x 8½"D x 4½"H 3-year
SS24 $338.99 24" 304 Stainless Steel Spillway 2,400 gph 9" - 10" at 18"H & 2,400 gph 1½" FIPT 24"W x 8½"D x 4½"H 3-year
CS24 $429.99 24" 304 Copper Finish Spillway 2,400 gph 9" - 10" at 18"H & 2,400 gph 1½" FIPT 24"W x 8½"D x 4½"H 3-year
SS36 $475.99 36" 304 Stainless Steel Spillway 3,600 gph 9" - 10" at 18"H & 3,600 gph 1½" FIPT 36"W x 8½"D x 4½"H 3-year
CS36 $578.99 36" 304 Copper Finish Spillway 3,600 gph 9" - 10" at 18"H & 3,600 gph 1½" FIPT 36"W x 8½"D x 4½"H 3-year

* Projection is measured from the face of the wall the Spillway is installed in.

TECH TIP

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 Stainless Steel Spillways feature an integrated grounding lug for use in bonded systems.

304 Stainless Steel Spillways provide an enticing and durable focal point for fresh water applications in the hardscape.

Atlantic’s copper finish and brushed stainless Spillways feature heavy-gauge construction for ageless durability.

Spillways replace 4-inch wall blocks for easy and convenient installation in standard garden wall block construction.

Model SS12
Model SS24
Model SS36

* Projection is measured from the face of the wall the Spillway is installed in.
WATERWALL SPILLWAYS

• Unique back-angled spout directs water downwards and onto wall below plumbing connection, to eliminate leaks, unwanted humidity and splash
• 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: SWS24-316
- Bottom inlet accommodates wood-framed or masonry walls with façades up to 1½” thick
- 1½” female threaded inlet and center rear bonding lug facilitate hidden in-wall plumbing connections

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>$358.99</td>
<td>24” Stainless Steel WaterWall Spillway</td>
<td>Smooth Surfaces – 750-1500 gph</td>
<td>1½” FIPT</td>
<td>24”W x 5½”D x 3½”H</td>
<td>5-year</td>
</tr>
<tr>
<td>CWS24-316</td>
<td>$429.99</td>
<td>24” Copper Finish WaterWall Spillway</td>
<td>Smooth Surfaces – 1500-3000 gph</td>
<td>1½” FIPT</td>
<td>24”W x 5½”D x 3½”H</td>
<td>5-year</td>
</tr>
</tbody>
</table>

DIID 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 and weeping walls of any width in 24-inch increments, with seamless water flow between units.

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 Colorfall, 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>$184.99</td>
<td>Stainless Steel Splash Ring for 12” Spillways</td>
<td>CFBASIN12</td>
<td>16”W x 8”D x 1½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>CFCR12</td>
<td>$228.99</td>
<td>Copper Finish Splash Ring for 12” Spillways</td>
<td>CFBASIN12</td>
<td>16”W x 8”D x 1½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>CFSR24</td>
<td>$265.99</td>
<td>Stainless Steel Splash Ring for 24” Spillways</td>
<td>CFBASIN24</td>
<td>28”W x 8”D x 1½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>CFCR24</td>
<td>$319.99</td>
<td>Copper Finish Splash Ring for 24” Spillways</td>
<td>CFBASIN24</td>
<td>28”W x 8”D x 1½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>CFSR36</td>
<td>$338.99</td>
<td>Stainless Steel Splash Ring for 36” Spillways</td>
<td>CFBASIN36</td>
<td>40”W x 8”D x 1½”H</td>
<td>3-year</td>
</tr>
<tr>
<td>CFCR36</td>
<td>$425.99</td>
<td>Copper Finish Splash Ring for 36” Spillways</td>
<td>CFBASIN36</td>
<td>40”W x 8”D x 1½”H</td>
<td>3-year</td>
</tr>
</tbody>
</table>
COPPER SPILLWAY BOWLS

MODEL: CB26S12

- Spillway Bowls complement any hardscape, landscape or poolscape with the elegant sheen of copper
- Atlantic Copper Spillway Bowls are crafted out of solid copper in both round and square styles
- Copper Spillway Bowls are designed to form a natural patina over time
- All spillways are sized at 12” for maximum water flow and visual effect
- All Bowls feature dual 1½” FIPT inlets and solid copper standpipe for lighting and water supply

MODEL: CB26R12

- Dual inlets allow water supply to be plumbed independently from lighting cords. Use Atlantic’s Cord Seal Fitting to pass the light cord into the bowl through the second inlet
- Solid Copper Pedestal accessory allows bowls to be elevated 8”
- Copper Spillway Bowls are designed to work with the CFBASINKIT12
- Use a 12” Splash Ring on the 12” Formal Spillway Basin to control splash

TECH TIP

Copper Bowls lend themselves to a number of lighting options. Spotlights are a great way to accent water overflowing the 36” Copper Bowl or the concentrated flow from spillways. Inside the bowl, the submersible Ring Light creates rippling uplighting effects on overhanging trees or structures. Atlantic’s unique Cord Seal Fitting makes lighting inside the Bowl possible without a visible cord coming over the edge. The rubber fitting installs inside one of the two 1½” FIPT inlets, and when tightened expands, sealing the cord and the inlet.

FLEXIBLE HARDSCAPE BASINS

MODEL: FF4216 (Tan)
- For those applications that require an open basin, Atlantic’s Flexible Basins are the easiest way to waterproof your block installation
- Reinforced 28mil PVC construction with fold out flaps and punched glue points anchor liner under capstones for security and durability
- Unlike improvised EPDM liner basins, welded corner construction eliminates folds and wrinkles for a neat professional appearance
- 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, WaterWall and Wall Spout installations
- Open basins not recommended for use with Colorfalls

MODEL LIST FOR USE WITH DIMENSIONS CAPACITY BULKHEAD WARRANTY

CB26S12 $799.99
26” Square Copper Bowl w/ 12” Spillway
1200 gph (2) 1½” FIPT
26”W x 27½”D x 10”H
3-year
CB26R12 $799.99
26” Round Copper Bowl w/ 12” Spillway
1200 gph (2) 1½” FIPT
26”W x 27½”D x 10”H
3-year

MODEL LIST FOR USE WITH DIMENSIONS CAPACITY BULKHEAD WARRANTY

FF42/16 T/G/B $359.99 Spillways, WaterWalls & Wall Spouts
4’W x 2’D x 16”H
80 gallons w/ Backing Plate 1-year
FF62/16 T/G/B $453.99 Spillways, WaterWalls & Wall Spouts
6’W x 2’D x 16”H
120 gallons (2) 1½” w/ Backing Plates 1-year
FF82/16 T/G/B $507.99 Spillways, WaterWalls & Wall Spouts
8’W x 2’D x 16”H
160 gallons (2) 1½” w/ Backing Plates 1-year

DID YOU KNOW?

You can use the same plumbing line to flow water and pass an electrical cord of a submersible pump or light through the wall of an Atlantic Flexible Hardscape Basin. Install a Tee on each side of the bulkhead in the wall of the basin. Run the cord through a Cord Seal Fitting in the inside Tee to another in the outside Tee and snug cord against pipe before tightening.

MODEL LIST DESCRIPTION FLOW RATE INLET DIMENSION WARRANTY

CB26S12
26” Square Copper Bowl w/ 12” Spillway
1200 gph
(2) 1½” FIPT
26”W x 27½”D x 10”H
3-year
CB26R12
26” Round Copper Bowl w/ 12” Spillway
1200 gph
(2) 1½” FIPT
26”W x 27½”D x 10”H
3-year

NEW!
COMPLETE BASIN KITS

- The heart of Atlantic Formal Spillway Systems, Basin Kits provide everything you need to install Colorfalls, WaterWalls and Spillways.
- Three sizes of self-contained basins, complete 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 glue, adjustment valve and Auto Fill, all in one box.

MODEL: CFBASINKIT12
- $790.99
- Complete Basin Kit
- All 12” Spillways
- 20”W x 20”D x 16”H
- TT1500 Basin - Lifetime
- Pump - 3-year

MODEL: CFBASINKIT24
- $835.99
- Complete Basin Kit
- All 24” Spillways
- 44”W x 22”D x 16”H
- TT3000 Basin - Lifetime
- Pump - 3-year

MODEL: CFBASINKIT36
- $1,086.99
- Complete Basin Kit
- All 36” Spillways
- 56”W x 24”D x 16”H
- TT4000 Basin - Lifetime
- Pump - 3-year

ACCESSORIES

MODEL: CFSPMA12
- $37.99
- Splash Mat
- 17”L x 17”W

MODEL: CFSPMA24
- $56.99
- Splash Mat
- 41”L x 19”W

MODEL: CFSPMA36
- $74.99
- Splash Mat
- 53”L x 21”W

TECH TIP

Atlantic’s Basin Kits come with everything needed to create a fully functioning water feature with any single Formal Spillway. Simply choose the appropriate width Basin Kit. For multiple Spillway installations, double or triple Wall Spout installations or Spillway and double Spout installations, you will need to add Tees and create a manifold to accommodate the additional water outlets. See page 112 for manifold examples.
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.

- 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

1. 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.
2. One-piece liner flange and molded inserts ensure a watertight liner attachment every time.
3. Molded support cones and internal baffles give the FastFalls incredible strength and diffuse the water, ensuring consistent flow across the spillway.
4. 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.
5. 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.
6. 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.
7. Slide locks allow for quick, tool-free assembly of Eco-Blox that is also more secure and stable than peg-style connections used by the competition.
8. Eco-Blox are extremely strong, able to support 75 tons and are AASHTO HS-20 compliant for commercial applications.
FASTFALLS

MODEL: SP1600
- 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

MODEL LIST DIMENSIONS WATERFALL WIDTH MAX PUMP FLOW INLET WARRANTY
SP1600 $150.99 16 1/2"W x 9 1/2"D x 7 1/4"H 16" 3,000 gph 1 1/2" FIPT Lifetime
SP1900 $216.99 20 1/2"W x 17"D x 10 1/4"H 19" 4,000 gph 2" FIPT Lifetime
SP2600 $287.99 27 1/2"W x 17"D x 10 1/4"H 26" 6,000 gph 2" FIPT Lifetime
SP3800 $385.99 39 1/2"W x 17"D x 10 1/4"H 38" 9,000 gph 3" FIPT Lifetime

MODEL: SP1900 / SP2600 / SP3800 FEATURES:
1. Molded support cones give the 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 retains any loose gravel, soil or mulch used to camouflage the top of the unit.
4. 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. 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.

Tech Tip

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.

Did You Know?

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!
PUMP VAULTS

- 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.

**MODEL LIST DIMENSIONS MAX PUMP FLOW OPENING EXTENSION DISCHARGE WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DIMENSIONS</th>
<th>MATCH TO PUMP VAULT</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PV1700</td>
<td>$218.99</td>
<td>17&quot; W x 12&quot; D x 22½&quot; H</td>
<td>3,900 gph</td>
<td>1½&quot; &amp; 2½&quot; step outlets</td>
</tr>
<tr>
<td>PV1800</td>
<td>$261.99</td>
<td>18&quot; W x 24&quot; H</td>
<td>10,000 gph</td>
<td>2&quot; cut lines</td>
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<tr>
<td>PV2300</td>
<td>$458.99</td>
<td>23&quot; W x 30&quot; H</td>
<td>15,000 gph</td>
<td>2½&quot; &amp; 3½&quot; cut lines</td>
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<tr>
<td>PV18EXT</td>
<td>$179.99</td>
<td>16½&quot; W x 19½&quot; H</td>
<td>---</td>
<td>17½&quot;</td>
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<tr>
<td>PV23EXT</td>
<td>$210.99</td>
<td>21½&quot; W x 19½&quot; H</td>
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</tbody>
</table>

**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 RL30D Desert (shown) RL30M Mountain RL30S Southern**

**COLORS SHOWN MAY VARY FROM ACTUAL PRODUCT**

**PV1800 / PV2300 FEATURES:**

1. Insert lid keeps gravel from falling into the vault.
2. Cut-off step outlets for 1½" and 2½" 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.

**MODEL LIST DIMENSIONS MATCH TO PUMP VAULT WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DIMENSIONS</th>
<th>MATCH TO PUMP VAULT</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL30</td>
<td>$144.99</td>
<td>24&quot; x 24&quot; x 5½&quot; H</td>
<td>PV1800 &amp; PV2300</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**TECH TIP**

Atlantic’s Eco-Blox and Pump Vaults make excellent, easy to maintain bog filters. With a perforated pipe under Eco-Blox, the Pump Vault acts as a cleanout for upflow bogs of any size. Pond water pumped into the bottom of the Eco-Blox reservoir sheds velocity which causes sediment to settle. Plants set in a thin layer of 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.
ECO-BLOX

- Extra heavy-duty crossbars for improved point load strength

- Water matrix blocks installed in lined excavations create weight-bearing underground water storage reservoirs

- Atlantic’s Eco-Blox are the strongest water matrix blocks available, capable of supporting over seven tons of distributed load

- 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.

MODEL | LIST | DIMENSIONS | CAPACITY | APPLICATIONS | WARRANTY
--- | --- | --- | --- | --- | ---
ECOBLOX | $57.99 | 27” x 16” x 17½”H | 31½ gallons | Pond-free / Fountain / Rain Harvesting | 1-year

POND-FREE KITS

- Kits come complete, right down to PVC glue, thread 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

SMALL POND-FREE KIT

- Triton Check Valve

- Heavy-duty Underlayment

- Complete installation kit including fittings, thread sealant, PVC glue and 12oz. FallsFoam

MODEL | LIST | LINER SIZE | FASTFALLS | PUMP VAULT | ECO-BLOX PUMP | TUBING | BASIN SIZE | STREAMBED SIZE
--- | --- | --- | --- | --- | --- | --- | --- | ---
PK1716PL | $999.99 | 10’ x 15’ | SP1600 | PV1700 | 2TT1500 | 1½” x 25’ | 48” x 30” x 18” | 16” - 24” W x 8’L

LARGE POND-FREE KITS

- Triton Check Valve

- Heavy-duty Underlayment

- (2) SOLW2 pond lights and SOL30X4 Transformer

- AF1000 Auto Fill

- Complete installation kit including fittings, thread sealant, PVC glue and (2) 12oz. FallsFoam

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

MODEL | LIST | LINER SIZE | FASTFALLS | PUMP VAULT | ECO-BLOX PUMP | TUBING | BASIN SIZE | STREAMBED SIZE
--- | --- | --- | --- | --- | --- | --- | --- | ---
PK1819PL | $1,467.99 | 10’ x 15’ | SP1900 | PV1800 | 3TT1900 | 2” x 25’ | 54” x 32” x 18” | 19” - 24” W x 6’L
PK1826PL | $1,723.99 | 10’ x 20’ | SP2600 | PV1800 | 5TT1500 | 2” x 25’ | 54” x 48” x 18” | 26” - 32” W x 10’L
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.

» 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.
## SKIMMERS

- **MODEL: PS3000**
- **MODEL: PS3900**
- **MODEL: PS4600**
- **MODEL: PS7000**
- **MODEL: PS15000**

### Features

1. Sturdy removable lid supports natural rock camouflage and foot traffic.
2. Support bar for added strength.
4. Designed to enhance structural rigidity.
5. Rolled upper rim provides clean lines and incredible strength.
6. Cut-off step outlets for 1½” 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)

- Reinforced structures eliminate warping, deformation and callbacks
- Faceplate hardware is black anodized stainless steel for maximum concealment and longevity
- Multiple plumbing, check valve and ionizer options make these Skimmers the most versatile on the market
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- Faceplate hardware is black anodized stainless steel for maximum concealment and longevity
- Multiple plumbing, check valve and ionizer options make these Skimmers the most versatile on the market

### Rock Lids

- **MODEL: RL30**
  - **RL30G Great Lakes**
  - **RL30D Desert** (shown)
  - **RL30M Mountain**
  - **RL30S Southern**

- **MODEL: RL40**
  - **RL40G Great Lakes**
  - **RL40D Desert**
  - **RL40M Mountain** (shown)
  - **RL40S Southern**

- **MODEL: RL70**
  - **RL70G Great Lakes**
  - **RL70D Desert**
  - **RL70M Mountain**
  - **RL70S Southern** (shown)

### Rock Lids Features

- 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

### Color Representations

- Desert
- Southern
- Great Lakes
- Mountain

**MODEL LIST**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>WEIR WIDTH</th>
<th>INTERNAL WATER DEPTH</th>
<th>DIMENSIONS</th>
<th>MAX PUMP FLOW</th>
<th>SO. FT. RATING</th>
<th>FILTERING</th>
<th>MATCH TO</th>
<th>WARRANTY</th>
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<tbody>
<tr>
<td>PS3000</td>
<td>$247.99</td>
<td>6”</td>
<td>21”</td>
<td>15”w x 15”d x 25”h</td>
<td>3,000 gph</td>
<td>200</td>
<td>Net</td>
<td>PS7000 / PS5000</td>
<td>Lifetime (enclosure)</td>
</tr>
<tr>
<td>PS3900</td>
<td>$302.99</td>
<td>6”</td>
<td>14½”</td>
<td>17½”w x 19½”d x 19½”h</td>
<td>3,900 gph</td>
<td>200</td>
<td>Net, Matala mat</td>
<td>BF1600</td>
<td>Lifetime (enclosure)</td>
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<tr>
<td>PS4600</td>
<td>$348.99</td>
<td>6”</td>
<td>15½”</td>
<td>19½”w x 26”d x 22”h</td>
<td>4,000 gph</td>
<td>400</td>
<td>Net, Brush panel</td>
<td>BF1900</td>
<td>Lifetime (enclosure)</td>
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<tr>
<td>PS7000</td>
<td>$556.99</td>
<td>9”</td>
<td>17½”</td>
<td>25”w x 32”d x 24”h</td>
<td>7,000 gph</td>
<td>900</td>
<td>Net, Brush panel</td>
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<td>Lifetime (enclosure)</td>
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<tr>
<td>PS15000</td>
<td>$813.99</td>
<td>14”</td>
<td>24½”</td>
<td>20”w x 33½”d x 37½”h</td>
<td>15,000 gph</td>
<td>400</td>
<td>Net, Brush panel</td>
<td>BF3800</td>
<td>Lifetime (enclosure)</td>
</tr>
</tbody>
</table>

- Reinforced structures eliminate warping, deformation and callbacks
- Faceplate hardware is black anodized stainless steel for maximum concealment and longevity
- Multiple plumbing, check valve and ionizer options make these Skimmers the most versatile on the market
- Reinforced structures eliminate warping, deformation and callbacks
- Faceplate hardware is black anodized stainless steel for maximum concealment and longevity
- Multiple plumbing, check valve and ionizer options make these Skimmers the most versatile on the market

### Rock Lids Models

- RL30 Great Lakes
- RL30 Desert (shown)
- RL30 Mountain
- RL30 Southern

- RL40 Great Lakes
- RL40 Desert (shown)
- RL40 Mountain
- RL40 Southern

- RL70 Great Lakes
- RL70 Desert (shown)
- RL70 Mountain
- RL70 Southern (shown)

**MODEL LIST**

<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>$144.99</td>
<td>24”w x 24”d x 5”h</td>
<td>PS3900</td>
<td>1-year</td>
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<tr>
<td>RL40</td>
<td>$181.99</td>
<td>34”w x 24”d x 5”h</td>
<td>PS4600</td>
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<tr>
<td>RL70</td>
<td>$235.99</td>
<td>40”w x 38”d x 10”h</td>
<td>PS7000 / PS15000</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**COLOR REPRESENTATIONS SHOWN MAY VARY ON ACTUAL PRODUCT.**
- Biomechanical filters remove suspended solids, convert toxic ammonia and nitrites 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

**BF1600 FEATURES:**

1. Heavy-duty removable top grate supports rock camouflage.
2. Support bars add stability and reinforce top grate.
4. Dual Bio-Tech filter mats support both mechanical and biological filtration.
5. Sturdy bottom grate supports filter media.
6. Rolled upper rim provides clean lines with great strength.
7. 2” or 3” heavy-duty FIPT bulkhead for high flow rates.
8. Bottom chamber accepts bulkheads on all sides while bottom cones inside reduce surface area for back flushing.
9. One-piece liner flange allows easy, leak-free attachment of FilterFalls to pond liner.
10. Solid lip and molded inserts ensure a watertight liner attachment every time.

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 49

**BF1900 / BF2600 / BF3800 FEATURES:**

1. Heavy-duty removable top grate supports rock camouflage.
2. Support bars add stability and reinforce top grate.
4. Dual Bio-Tech filter mats support both mechanical and biological filtration.
5. Sturdy bottom grate supports filter media.
6. Rolled upper rim provides clean lines with great strength.
7. 2” or 3” heavy-duty FIPT bulkhead for high flow rates.
8. Bottom chamber accepts bulkheads on all sides while bottom cones inside reduce surface area for back flushing.
9. One-piece liner flange allows easy, leak-free attachment of FilterFalls to pond liner.
10. Solid lip and molded inserts ensure a watertight liner attachment every time.
POND KITS

- Atlantic Pond Kits save you time and money by avoiding costly mismatching and multiple trips to the store.
- Skimmer, Filter Falls, pump and accessories are designed to work together to eliminate any guesswork.

SMALL POND KITS

- Triton Check Valve
- Heavy-duty underlayment
- AF1000 Auto Fill
- Complete installation kit includes fittings, thread sealant, PVC glue and 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 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.

MODEL LIST LINER SIZE FILTERFALLS SKIMMER PUMP TUBING POND SIZE
PK161015 $1,062.99 10' x 15' BF1600 PS1900 TT1200 1½" x 25' 6' x 11'
PK161515 $1,185.99 15' x 15' BF1600 PS1900 TT1800 1½" x 25' 11' x 11'

MODEL LIST LINER SIZE FILTERFALLS SKIMMER PUMP TUBING POND SIZE
PK191520 $1,695.99 15' x 20' BF1900 PS4600 TT4000 2" x 25' 11' x 16'
PK191525 $1,863.99 20' x 25' BF1900 PS4600 TT5000 2" x 25' 16' x 21'

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 glue and (2) 12oz. FallsFoam

MODEL LIST LINER SIZE FILTERFALLS SKIMMER PUMP TUBING POND SIZE
PK261520 $1,892.99 15' x 20' BF2600 PS1300 TT1500 2" x 25' 11' x 16'
PK262020 $2,045.99 20' x 20' BF2600 PS1300 TT1600 2" x 25' 16' x 16'

EXTRA LARGE POND KITS

- AWSCV30 Check Valve
- Heavy-duty underlayment
- AF1000 Auto Fill
- (2) SOLW2 pond lights and SOL30X4 transformer*
- Extra Large Pond Kits measure 42"W x 36"H x 48"D and are supplied on a pallet

MODEL LIST LINER SIZE FILTERFALLS SKIMMER PUMP TUBING POND SIZE
PK382025 $3,243.99 20' x 25' BF3800 PS1500 TT9000 A-31 3" x 50' 16' x 21'
PK382530 $3,786.99 25' x 30' BF3800 PS1500 A-31 3" x 50' 21' x 26'

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 LINER SIZE TUBING NEEDED FITTING NEEDED STREAMBED LENGTH
LB10-B 8’ x 10’ FIT125 - 1½” x 25’ PVC Flex Pipe 429-015 - 1½” Coupling up to 8’
LI1015-B 10’ x 15’ FIT225 - 2” x 25’ PVC Flex Pipe 429-020 - 2” Coupling up to 15’
LI1520-B 15’ x 20’ FIT350 - 3” x 50’ PVC Flex Pipe 429-030 - 3” Coupling up to 18’
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.

**BRUSH KIT**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>MATCH TO SKIMMER</th>
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<tbody>
<tr>
<td>BK4600</td>
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<td>Skimmer Brush Kit</td>
<td>PS4600</td>
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<td>BK7000</td>
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</tr>
<tr>
<td>BK15000</td>
<td>$102.99</td>
<td>Skimmer Brush Kit</td>
<td>PS15000</td>
<td>5-year</td>
</tr>
</tbody>
</table>

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.

**GATE KEEPERS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>GK600</td>
<td>$30.99</td>
<td>Gate Keeper for 6” Weir Door</td>
<td>5-year</td>
</tr>
<tr>
<td>GK900</td>
<td>$41.99</td>
<td>Gate Keeper for 9” Weir Door</td>
<td>5-year</td>
</tr>
<tr>
<td>GK1400</td>
<td>$60.99</td>
<td>Gate Keeper for 14” Weir Door</td>
<td>5-year</td>
</tr>
</tbody>
</table>

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.

**BOTTOM DRAIN KIT**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD2000</td>
<td>$105.99</td>
<td>Bottom Drain Kit for all Pro Series Skimmers</td>
<td>5-year</td>
</tr>
</tbody>
</table>

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.

**MATALA MAT KITS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>MATCH TO SKIMMER</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK4600</td>
<td>$55.99</td>
<td>Matala Mat Kit with frame</td>
<td>PS4600</td>
<td>5-year</td>
</tr>
<tr>
<td>MK7000</td>
<td>$72.99</td>
<td>Matala Mat Kit with frame</td>
<td>PS7000</td>
<td>5-year</td>
</tr>
<tr>
<td>MK15000</td>
<td>$107.99</td>
<td>Matala Mat Kit with frame</td>
<td>PS15000</td>
<td>5-year</td>
</tr>
</tbody>
</table>

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-Balls or Bio-Rocks, Atlantic’s Media Bags are meant to last.

**FILTFALLS ACCESSORIES**

**BIO-ROCKS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB0500</td>
<td>$28.99</td>
<td>0.5 cubic ft. Bio-Rocks Media</td>
<td>5-year</td>
</tr>
</tbody>
</table>

Atlantic’s BB1500 contains 150 extremely durable, lightweight Bio-Balls that are easy to clean and reduce channeling. Each ball is 1½” in diameter and has nearly 25 square inches of surface area for bacterial colonization. Use one box per Media Bag.

**BIO-BALLS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB1500</td>
<td>$40.99</td>
<td>Bio-Balls - 150 pieces</td>
<td>5-year</td>
</tr>
</tbody>
</table>

**MEDIA & BAGS**

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-Balls or Bio-Rocks, Atlantic’s Media Bags are meant to last.

**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. Add over 300 ft² of additional Specific Surface Area per kit, up to 2 kits per FilterFalls.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>MATCH TO FILTERFALLS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA600</td>
<td>$68.99</td>
<td>Matala Filter Kit</td>
<td>BF600</td>
<td>5-year</td>
</tr>
<tr>
<td>MA900</td>
<td>$102.99</td>
<td>Matala Filter Kit</td>
<td>BF900</td>
<td>5-year</td>
</tr>
<tr>
<td>MA1600</td>
<td>$131.99</td>
<td>Matala Filter Kit</td>
<td>BF1600</td>
<td>5-year</td>
</tr>
<tr>
<td>MA3800</td>
<td>$190.99</td>
<td>Matala Filter Kit</td>
<td>BF3800</td>
<td>5-year</td>
</tr>
</tbody>
</table>

When used with Matala Filter Kits, Atlantic’s professional Back Flush Kit virtually eliminates FilterFalls maintenance. Add a Back Flush Kit to 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>BFK100</td>
<td>$147.99</td>
<td>Back Flush Kit for BF600 / BF900 / BF1600 / BF3800 FilterFalls</td>
<td>5-year</td>
</tr>
</tbody>
</table>

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.

**SKIMMER ACCESSORIES**

**MODEL LIST DESCRIPTION MATCH TO SKIMMER WARRANTY**

**BK4600**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>MATCH TO SKIMMER</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK4600</td>
<td>$55.99</td>
<td>Skimmer Brush Kit</td>
<td>PS4600</td>
<td>5-year</td>
</tr>
<tr>
<td>BK7000</td>
<td>$71.99</td>
<td>Skimmer Brush Kit</td>
<td>PS7000</td>
<td>5-year</td>
</tr>
<tr>
<td>BK15000</td>
<td>$102.99</td>
<td>Skimmer Brush Kit</td>
<td>PS15000</td>
<td>5-year</td>
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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.

**GATE KEEPERS**

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</thead>
<tbody>
<tr>
<td>GK600</td>
<td>$30.99</td>
<td>Gate Keeper for 6” Weir Door</td>
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<tr>
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<td>Gate Keeper for 9” Weir Door</td>
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<td>Gate Keeper for 14” Weir Door</td>
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**BOTTOM DRAIN KIT**

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<tr>
<th>MODEL</th>
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<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>BD2000</td>
<td>$105.99</td>
<td>Bottom Drain Kit for all Pro Series Skimmers</td>
<td>5-year</td>
</tr>
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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.

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</tr>
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<tbody>
<tr>
<td>MK4600</td>
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<td>Matala Mat Kit with frame</td>
<td>PS4600</td>
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<td>$107.99</td>
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**FILTFALLS ACCESSORIES**

**BIO-ROCKS**

<table>
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<tr>
<td>BB0500</td>
<td>$28.99</td>
<td>0.5 cubic ft. Bio-Rocks Media</td>
<td>5-year</td>
</tr>
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</table>

Atlantic’s BB1500 contains 150 extremely durable, lightweight Bio-Balls that are easy to clean and reduce channeling. Each ball is 1½” in diameter and has nearly 25 square inches of surface area for bacterial colonization. Use one box per Media Bag.

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</tr>
</thead>
<tbody>
<tr>
<td>BB1500</td>
<td>$40.99</td>
<td>Bio-Balls - 150 pieces</td>
<td>5-year</td>
</tr>
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<tbody>
<tr>
<td>MA600</td>
<td>$68.99</td>
<td>Matala Filter Kit</td>
<td>BF600</td>
<td>5-year</td>
</tr>
<tr>
<td>MA900</td>
<td>$102.99</td>
<td>Matala Filter Kit</td>
<td>BF900</td>
<td>5-year</td>
</tr>
<tr>
<td>MA1600</td>
<td>$131.99</td>
<td>Matala Filter Kit</td>
<td>BF1600</td>
<td>5-year</td>
</tr>
<tr>
<td>MA3800</td>
<td>$190.99</td>
<td>Matala Filter Kit</td>
<td>BF3800</td>
<td>5-year</td>
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<tbody>
<tr>
<td>BFK100</td>
<td>$147.99</td>
<td>Back Flush Kit for BF600 / BF900 / BF1600 / BF3800 FilterFalls</td>
<td>5-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.

- 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 tool-free 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 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 116 for a step-by-step guide to calculate your TDH.

### COMPREHENSIVE PUMP CHART

<table>
<thead>
<tr>
<th>MODEL</th>
<th>WATTS</th>
<th>MAX FLOW</th>
</tr>
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<tbody>
<tr>
<td>MD250</td>
<td>15</td>
<td>300</td>
</tr>
<tr>
<td>MD350</td>
<td>25</td>
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<tr>
<td>MD550</td>
<td>40</td>
<td>650</td>
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<tr>
<td>MD750</td>
<td>50</td>
<td>790</td>
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<tr>
<td>MD1000</td>
<td>90</td>
<td>1080</td>
</tr>
<tr>
<td>MD1250</td>
<td>120</td>
<td>1330</td>
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<tr>
<td>MD1500</td>
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<td>1560</td>
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<td>TT500</td>
<td>101</td>
<td>1640</td>
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<tr>
<td>TT700</td>
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<td>2640</td>
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<tr>
<td>TT300</td>
<td>175</td>
<td>3000</td>
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<td>334</td>
<td>6600</td>
</tr>
<tr>
<td>TT750</td>
<td>520</td>
<td>7650</td>
</tr>
<tr>
<td>TT900</td>
<td>587</td>
<td>8800</td>
</tr>
<tr>
<td>SH450</td>
<td>240</td>
<td>600</td>
</tr>
<tr>
<td>SH2050</td>
<td>320</td>
<td>1150</td>
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<td>950</td>
<td>2880</td>
</tr>
<tr>
<td>SH6500</td>
<td>1000</td>
<td>4000</td>
</tr>
<tr>
<td>PAF-20</td>
<td>360</td>
<td>850</td>
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<td>PAF-25</td>
<td>545</td>
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<td>650</td>
<td>1130</td>
</tr>
<tr>
<td>PAF-75</td>
<td>900</td>
<td>1430</td>
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<td>A-05</td>
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<td>A-05L</td>
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<td>A-07</td>
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<td>A-11</td>
<td>1160</td>
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<td>1875</td>
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<td>L-305</td>
<td>710</td>
<td>2340</td>
</tr>
<tr>
<td>L-310</td>
<td>1105</td>
<td>2840</td>
</tr>
</tbody>
</table>

*Total Dynamic Head (TDH) is a critical measure of the work a pump will have to do; if GPH is the size of the bucket, TDH is the hill it’s carried up. Figuring TDH is easy using our step-by-step guide, Pump Bifold or TidalWave Counter Mat.
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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VOLTS</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>FP100</td>
<td>$29.99</td>
<td>115</td>
<td>7</td>
<td>Adjustable</td>
<td>½&quot; MIPT</td>
<td>6'</td>
<td>3½&quot;L x 2½&quot;W x 2½&quot;H</td>
<td>¼&quot; - ½&quot; Insert</td>
<td>1-year</td>
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<tr>
<td>FP200</td>
<td>$40.99</td>
<td>115</td>
<td>9.5</td>
<td>Adjustable</td>
<td>½&quot; MIPT</td>
<td>6'</td>
<td>3½&quot;L x 2½&quot;W x 2½&quot;H</td>
<td>¼&quot; - ½&quot; Insert</td>
<td>1-year</td>
</tr>
<tr>
<td>FP300</td>
<td>$59.99</td>
<td>115</td>
<td>16</td>
<td>Adjustable</td>
<td>½&quot; FIPT</td>
<td>10'</td>
<td>5½&quot;L x 3½&quot;W x 3½&quot;H</td>
<td>¼&quot; - ½&quot; Insert</td>
<td>1-year</td>
</tr>
<tr>
<td>FP400</td>
<td>$66.99</td>
<td>115</td>
<td>24</td>
<td>Adjustable</td>
<td>½&quot; FIPT</td>
<td>10'</td>
<td>5½&quot;L x 3½&quot;W x 3½&quot;H</td>
<td>¼&quot; - ½&quot; Insert</td>
<td>1-year</td>
</tr>
<tr>
<td>FP500</td>
<td>$309.99</td>
<td>115</td>
<td>35</td>
<td>Adjustable</td>
<td>½&quot; FIPT</td>
<td>10'</td>
<td>5½&quot;L x 3½&quot;W x 4&quot;H</td>
<td>¼&quot; - ½&quot; Insert</td>
<td>1-year</td>
</tr>
</tbody>
</table>

TIDALWAVE FP- & MD-SERIES PUMPS

MD-SERIES

- 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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>VOLTS</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>MD250</td>
<td>$86.99</td>
<td>115</td>
<td>15</td>
<td>½&quot; MIPT</td>
<td>¼&quot; MIPT</td>
<td>20'</td>
<td>4½&quot;L x 3½&quot;W x 5½&quot;H</td>
<td>½&quot; - 1&quot; Step</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>MD350</td>
<td>$102.99</td>
<td>115</td>
<td>25</td>
<td>½&quot; MIPT</td>
<td>¼&quot; MIPT</td>
<td>20'</td>
<td>4½&quot;L x 3½&quot;W x 5½&quot;H</td>
<td>½&quot; - 1&quot; Step</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>MD550</td>
<td>$144.99</td>
<td>115</td>
<td>40</td>
<td>½&quot; MIPT</td>
<td>¼&quot; MIPT</td>
<td>20'</td>
<td>4½&quot;L x 3½&quot;W x 5½&quot;H</td>
<td>½&quot; - 1&quot; Step</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>MD750</td>
<td>$188.99</td>
<td>115</td>
<td>50</td>
<td>½&quot; MIPT</td>
<td>¼&quot; MIPT</td>
<td>20'</td>
<td>4½&quot;L x 3½&quot;W x 5½&quot;H</td>
<td>½&quot; - 1&quot; Step</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>MD1000</td>
<td>$289.99</td>
<td>115</td>
<td>90</td>
<td>1½&quot; MIPT</td>
<td>1&quot; MIPT</td>
<td>20'</td>
<td>5½&quot;L x 4¼&quot;W x 6½&quot;H</td>
<td>1&quot; - 1½&quot; Step</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>MD1250</td>
<td>$329.99</td>
<td>115</td>
<td>120</td>
<td>1½&quot; MIPT</td>
<td>1&quot; MIPT</td>
<td>20'</td>
<td>5½&quot;L x 4¼&quot;W x 6½&quot;H</td>
<td>1&quot; - 1½&quot; Step</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>MD1500</td>
<td>$260.99</td>
<td>115</td>
<td>165</td>
<td>1½&quot; MIPT</td>
<td>1&quot; MIPT</td>
<td>20'</td>
<td>6½&quot;L x 4½&quot;W x 6½&quot;H</td>
<td>1&quot; - 1½&quot; Step</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>

| MODEL | MAX FLOW | |
|-------|---------|---------|---------|---------|
| MD250 | 300 | 25 | 65 | |
| MD350 | 370 | 45 | 139 | |
| MD550 | 650 | 65 | 253 | |
| MD750 | 900 | 95 | 380 | |
| MD1000 | 1080 | 105 | 580 | |
| MD1250 | 1330 | 125 | 780 | |
| MD1500 | 1560 | 145 | 780 | |
TT1500 $193.99 120 0.88 101 1½" MIPT 1½" FIPT 20' 8"L x 5¼"W x 6¼"H 1" - 1½" Step 3-year Warranty
TT2000 $230.99 120 1.0 115 1½" MIPT 1½" FIPT 20' 8"L x 5¼"W x 6¼"H 1" - 1½" Step 3-year Warranty
TT3000 $276.99 120 1.5 173 1½" MIPT 1½" FIPT 20' 8"L x 5¼"W x 6¼"H 1" - 1½" Step 3-year Warranty
TT4000 $391.99 120 2.0 230 1½" MIPT 1½" FIPT 20' 9¼"L x 6"W x 7"H 1" - 1½" Step 3-year Warranty
TT5000 $437.99 120 2.7 310 2" MIPT 2" FIPT 20' 9¼"L x 6"W x 7"H 2" Insert 3-year Warranty
TT6000 $484.99 120 2.9 334 2" MIPT 2" FIPT 20' 9¼"L x 6"W x 7"H 2" Insert 3-year Warranty
TT7500 $621.99 120 4.4 520 2" MIPT 2" FIPT / 3" MIPT 20' 11"L x 7¼"W x 8"H --- 3-year Warranty
TT9000 $668.99 120 5.1 587 2" MIPT 2" FIPT / 3" MIPT 20' 11"L x 7¼"W x 8"H --- 3-year Warranty

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.

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:
1. 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.
2. Remove the volute by rotating counterclockwise one quarter turn while pulling lightly outward from the pump body.
3. Inspect the intake O-ring for nicks or breaks.
4. Inspect the impeller and remove any debris that may be present.
5. 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.
6. 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.
7. Reassemble. Lubricate o-ring with 100% silicone grease if needed.

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

MODEL | LIST | MOTOR | VOLTS | AMPS | WATTS | OUTLET | CORD | DIMENSIONS | OUTLET FITTING | WARRANTY |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
PAF-20 | $481.99 | 1/4 HP | 115 | 5.5 | 360 | 2" FIPT | 20' | 9" x 6" x 14"H | 2" Insert | 2-year |
PAF-25 | $571.99 | 1/3 HP | 115 | 5 | 454 | 2" FIPT | 20' | 9" x 6" x 14½"H | 2" Insert | 2-year |
PAF-40 | $637.99 | 1/2 HP | 115 | 6 | 650 | 2" FIPT | 20' | 9" x 6" x 15"H | 2" Insert | 2-year |
PAF-75 | $735.99 | 1 HP | 115 | 8.5 | 900 | 2" FIPT | 20' | 9" x 6" x 16"H | 2" Insert | 2-year |

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
• Pumps handle solids up to 1¼" 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
• For in-pond use, SH-Series pumps will last longest when operating within their Recommended or Best Efficiency Range

MODEL | LIST | VOLTS | AMPS | WATTS | OUTLET | CORD | DIMENSIONS | OUTLET FITTING | WARRANTY |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
SH1450 | $251.99 | 115 | 2.1 | 240 | 1¼" FIPT | 16' | 6" x 9" x 11¾"H | 1¼" x 1½" FIPT Elbow | 2-year |
SH2050 | $293.99 | 115 | 2.8 | 320 | 1¼" FIPT | 16' | 6" x 9" x 12½"H | 1¼" x 1½" FIPT Elbow | 2-year |
SH3600 | $410.99 | 115 | 5.5 | 575 | 1¼" FIPT | 16' | 6" x 9" x 14"H | 1¼" x 1½" FIPT Elbow | 2-year |
SH5000 | $635.99 | 115 | 9 | 950 | 1½" FIPT | 16' | 9½" x 12½" x 15¾"H | 1½" x 1½" FIPT Elbow | 2-year |
SH6500 | $653.99 | 115 | 9.5 | 1000 | 1½" FIPT | 16' | 9½" x 12½" x 15¾"H | 1½" x 1½" FIPT Elbow | 2-year |
### 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>$570.99</td>
<td>1/2 HP</td>
<td>115</td>
<td>5.4</td>
<td>645</td>
<td>2&quot; FPT</td>
<td>52 lbs.</td>
<td>30'</td>
<td>10&quot; x 6½&quot; x 17½&quot;</td>
<td>2-year</td>
</tr>
<tr>
<td>A-05L</td>
<td>$695.99</td>
<td>1/2 HP</td>
<td>115</td>
<td>6.4</td>
<td>725</td>
<td>2&quot; FPT</td>
<td>60 lbs.</td>
<td>30'</td>
<td>10½&quot; x 7½&quot; x 18½&quot;</td>
<td>2-year</td>
</tr>
<tr>
<td>A-21</td>
<td>$851.99</td>
<td>1 HP</td>
<td>115</td>
<td>10</td>
<td>1060</td>
<td>2&quot; FPT</td>
<td>43 lbs.</td>
<td>30'</td>
<td>10&quot; x 7½&quot; x 19½&quot;</td>
<td>2-year</td>
</tr>
<tr>
<td>A-31</td>
<td>$942.99</td>
<td>1 HP</td>
<td>115</td>
<td>10</td>
<td>1160</td>
<td>3&quot; FPT</td>
<td>48 lbs.</td>
<td>30'</td>
<td>10½&quot; x 8½&quot; x 20½&quot;</td>
<td>2-year</td>
</tr>
<tr>
<td>A-32</td>
<td>$1,505.99</td>
<td>2 HP</td>
<td>230</td>
<td>9.6</td>
<td>2055</td>
<td>3&quot; FPT</td>
<td>95 lbs.</td>
<td>30'</td>
<td>10½&quot; x 8½&quot; x 23½&quot;</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>WEIGHT</th>
<th>CORD</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-305</td>
<td>$1,505.99</td>
<td>1/2 HP</td>
<td>115</td>
<td>8.0</td>
<td>710</td>
<td>3&quot; MPT</td>
<td>60 lbs.</td>
<td>30'</td>
<td>10&quot; x 9½&quot; x 19½&quot;</td>
<td>2-year</td>
</tr>
<tr>
<td>L-310</td>
<td>$1,650.99</td>
<td>1 HP</td>
<td>115</td>
<td>10</td>
<td>1105</td>
<td>3&quot; MPT</td>
<td>65 lbs.</td>
<td>30'</td>
<td>10½&quot; x 9½&quot; x 20½&quot;</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.
VARIABLE SPEED CONTROLLER

The TidalWave VSC allows you to vary the output of TidalWave TT-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.

- 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 and flow levels, and accesses 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 eliminates inadvertent plug disconnection.
  - Rugged weatherproof housing allows you to mount the control box outdoors near your pump.
  - Great for routine maintenance and feeding fish.

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.

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

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.

TELESCOPING FOUNTAIN HEADS

- The TidalWave VSC allows you to vary the output of TidalWave TT-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.

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.

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 the Pump Protector is physically reset, no cycling on and off, no overheating.

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 the Pump Protector is physically reset, no cycling on and off, no overheating.

**MODEL LIST FOR USE WITH CORD DIMENSIONS INCLUDES WARRANTY**

<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>$178.99</td>
<td>TT Pumps up to 800 watts</td>
<td>6’</td>
<td>6½ x 4 x 2”</td>
<td>2.4GHz Remote Control</td>
<td>3-year</td>
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</table>

**PUMP PROTECTOR**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>FOR USE WITH</th>
<th>INPUT VOLTAGE</th>
<th>MAX AMPS</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWPP14</td>
<td>$203.99</td>
<td>SH-, PAF-, A- and L-Series Direct Drive Pumps</td>
<td>120 VAC</td>
<td>14</td>
<td>1-year</td>
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</table>

**TELESCOPING FOUNTAIN HEADS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>MIN HEIGHT</th>
<th>MAX HEIGHT</th>
<th>INLET</th>
<th>OUTLET</th>
<th>FOR USE WITH</th>
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<th>WARRANTY</th>
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<tbody>
<tr>
<td>MDFH2575</td>
<td>$189.99</td>
<td>15”</td>
<td>22”</td>
<td>1” FIPT</td>
<td>1” MIPT</td>
<td>MD250-750</td>
<td>Telescoping diverter w/ 4 interchangeable heads</td>
<td>5-year</td>
</tr>
<tr>
<td>MDFH1020</td>
<td>$275.99</td>
<td>12”</td>
<td>18”</td>
<td>¾” FIPT</td>
<td>½” Insert</td>
<td>MD1000-1500</td>
<td>Telescoping diverter w/ 4 interchangeable heads</td>
<td>5-year</td>
</tr>
</tbody>
</table>

**Fountain Heads are only compatible with TidalWave MD-Series Pumps on page 53.**

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**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 the Pump Protector is physically reset, no cycling on and off, no overheating.
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.

- 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 resist 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.

### Triton Check Valve

- Check Valves mount to the pump in the Skimmer to maintain water in biological filters and keep beneficial bacteria hydrated.
- 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.

<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>$74.99</td>
<td>5⅝”L x 3½”W x 10”H</td>
<td>1½” or 2” MIPT</td>
<td>1½” or 2” socket</td>
<td>3-year</td>
</tr>
</tbody>
</table>

### Triton Check Valve Features:

1. Full flow swing valve with inlet and outlet unions and a replaceable gasket.
2. Includes discharge fittings for 1½” 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.

### AWGCV30

- Asymmetrical valve body fits vertical pumps with little lateral clearance.
- Rubber coupling simplifies pump and valve removal for servicing, maintenance and winterizing.
- Can be extended to any height using 3” Sch 40 pipe and fittings.
- Full flow flap design reduces friction losses and increases flow.

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<tr>
<th>MODEL</th>
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<th>INLET</th>
<th>OUTLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWGCV30</td>
<td>$161.99</td>
<td>11½”L x 5½”W x 15½”H</td>
<td>3” socket</td>
<td>3” rubber coupling</td>
<td>3-year</td>
</tr>
</tbody>
</table>

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- 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.

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<th>INLET</th>
<th>OUTLET</th>
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<tr>
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<td>1½” or 2” MIPT</td>
<td>1½” or 2” socket</td>
<td>3-year</td>
</tr>
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</table>

### Triton Check Valve Features:

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2. Includes discharge fittings for 1½” 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.

### AWGCV30

- Asymmetrical valve body fits vertical pumps with little lateral clearance.
- Rubber coupling simplifies pump and valve removal for servicing, maintenance and winterizing.
- Can be extended to any height using 3” Sch 40 pipe and fittings.
- Full flow flap design reduces friction losses and increases flow.

<table>
<thead>
<tr>
<th>MODEL</th>
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<th>VALVE DIMENSIONS</th>
<th>INLET</th>
<th>OUTLET</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWGCV30</td>
<td>$161.99</td>
<td>11½”L x 5½”W x 15½”H</td>
<td>3” socket</td>
<td>3” rubber coupling</td>
<td>3-year</td>
</tr>
</tbody>
</table>
FALLSFOAM

MODEL: LF1100
- 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.

MODEL: LF1300
- Black for lower visibility, FallsFoam resists UV deterioration and lasts for years.
- Foam Cleaner quickly dissolves uncured foam to keep guns and surroundings clean.

MODEL: LF1325
- Foam Guns feature a 7” barrel length for hard to reach areas.
- Durable solvent resistant construction
- Adjustable nozzle to control bead width

FALLSFOAM GUNS

MODEL: LF1100
DIY Black Waterfall Foam Can w/ applicator straw --- 12 oz. 1 year from Born on Date

MODEL: LF1300
Professional Black Waterfall Gun Foam Foam Guns 29 oz. 1 year from Born on Date

MODEL: LF1325
Foam Gun Cleaner Can w/ optional spray nozzle Foam Guns 12 oz. 1 year from Born on Date

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.

MODEL: SN2800
Black RTV Silicone Tube 2.8 oz. 2 years from Born on Date

MODEL: SN10300
Black RTV Silicone Cartridge 10.3 oz. 2 years from Born on Date

NEW!

SPECIALTY FITTINGS

MODEL: H4150
Bulkhead (1/2” FPT x 1/2” FPT) 1/4”W x 2 3/4”H 1”

MODEL: H4200
Bulkhead (3/4” FPT x 3/4” FPT) 1/4”W x 2 3/4”H 3”

MODEL: H4300
Bulkhead (3” FPT x 3” FPT) 5/16”W x 2 1/2”H 4 1/4”

MODEL: CSEAL16
Cord Seal Fitting (3/4” spigot) 1/8”W x 1/8”H 1/8” Sch 40 socket fitting

FLEXIBLE PVC PIPE

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

MODEL: FH1525
1½” x 25’ PVC Black Flex Pipe 15 lbs. 5-year

MODEL: FH1550
1½” x 50’ PVC Black Flex Pipe 30 lbs. 5-year

MODEL: FH225
2” x 25’ PVC Black Flex Pipe 18 lbs. 5-year

MODEL: FH250
2” x 50’ PVC Black Flex Pipe 36 lbs. 5-year

MODEL: FH350
3” x 50’ PVC Black Flex Pipe 70 lbs. 5-year

MODEL: KF.75100
1½” x 100’ PVC Kink-Free Tubing 11 lbs. 1-year

AUTO FILL

Atlantic’s AFT000 Automatic Fill Valve maintains a consistent water level in all Atlantic Skimmers, Pump Vaults, Formal Spillway Basins and Fountain Basins.

MODEL: AF1000
3/4” MIPT Auto Fill Kit 1 year from Born on Date

INSTALLATION PRODUCTS

Atlantic’s polypropylene bulkhead fittings install in flexible and rigid reservoir walls to create secure plumbing connections with standard Schedule 40 PVC fittings.

- Reverse threaded bulkhead fittings tighten as standard fittings are screwed into them
- Cord Seal Fitting with expanding rubber core fits inside 1½” socket fittings to create a leak-proof seal around ⅛” - ⅜” cords
- Cord Seal Fitting is used to pass pump and lighting cords in underwater bulkhead or conduit connections through reservoir walls

RTV SILICONE SEALANT

MODEL: FH1525
$45.99

MODEL: FH1550
$56.99

MODEL: FH225
$71.99

MODEL: FH250
$133.99

MODEL: FH350
$207.99

MODEL: KF.75100
$100.99

MODEL: H4150
$12.99

MODEL: H4200
$18.99

MODEL: H4300
$56.99

MODEL: CSEAL16
$39.99

MODEL: SN2800
$7.99

MODEL: SN10300
$15.99

MODEL: FH1525
$15 lbs. 5-year

MODEL: FH1550
$20 lbs. 5-year

MODEL: FH225
$18 lbs. 5-year

MODEL: FH250
$16 lbs. 5-year

MODEL: FH350
$70 lbs. 5-year

MODEL: KF.75100
$11 lbs. 1-year

MODEL: AF1000
1/2” MIPT Auto Fill Kit 1-year

MODEL: NH2800
$19.99

MODEL: NH3000
$54.99

MODEL: SN2800
2.8 oz. 2 years from Born on Date

MODEL: SN10300
10.3 oz. 2 years from Born on Date

MODEL: H4150
4 1/4”

MODEL: H4200
3”

MODEL: H4300
5/16”W x 2 1/4”H

MODEL: CSEAL16
1/8”W x 1/8”H

www.ATLANTICWATERGARDENS.com

www.ATLANTICWATERGARDENS.com
Carlisle liner features its exclusive J-Tear technology, a unique manufacturing process that turns tears on themselves to reduce the chance of ripping in the field. Atlantic is proud to offer genuine Carlisle 45mil EPDM Liner. Available boxed for convenience and in rolls for larger projects, American made Carlisle liner is the highest quality available.

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

Be prepared – have our convenient repair products on hand before "accidents happen".

4 oz. non-woven polypropylene fabric protects liner against cuts, roots and abrasion.

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4 oz. non-woven polypropylene fabric protects liner against cuts, roots and abrasion.
LIGHTING

Atlantic’s innovative LED Lighting System has been completely redesigned for 2019, with the latest technology, new lights, more color options, upgraded connectors and a full-featured mobile application to put complete control at your fingertips. Choose from either Warm White or Color Changing options with confidence; all Atlantic Lighting is backed by our five-year warranty.

›› Atlantic’s newest lighting products are fully compatible with all previous generations
›› Solid brass bodies dissipate heat, resist corrosion and provide long lasting, dependable service
›› Silicone gaskets and precision lenses guarantee weatherproof and waterproof performance
›› InfiColor Smart Module capacity handles 120 watts, and each Smart Module controls 3 independent illumination zones
›› Fully programmable via mobile application; InfiColor Smart Module controls colors, sequences, brightness and transitions

NEW FOR 2019

Atlantic’s Lighting System is all new for 2019, with next generation lights, hardware and control options. All lights are now available in both Warm White and Color Changing. Color Changing lights are now controllable wirelessly via mobile application, no remote necessary. The new InfiColor Smart Module and mobile app allow users to program custom color sequences and transitions, set sequence timing and daily scheduling and unlock all RGB options on any Apple® or Android™ mobile device. The InfiColor Smart Module at the heart of the System individually controls up to three zones and is backwards compatible, to work with all Atlantic Color Changing Lighting, past and present, with a simple included adapter. New fixtures have been added, including the linear 12” Bar Light, new low cost Pond Lights and a Fountain Light for bubbling boulder applications. The Atlantic Lighting System – the best has just gotten better.

WIRING
• New smaller, cylindrical driver, relocated 18” from light, fits through 1” sweeps
• Driver now permanently affixed to light power cord eliminates leak points
• New compact inline 4-outlet Black Splitter simplify connections to both Warm White and Color Changing lights
• New 5-wire quick-connect plugs with one-way keyed orientation eliminate misalignment
• 6-wire to 5-wire adapter included with all new lights ensures compatibility with all SOL Color Changing Lighting and Color Changing Colorfalls
• Silicone dielectric grease included with every light electrically isolates and waterproofs all connections

FIXTURES
• Both 2 Watt and 4 Watt Spotlights are smaller, more efficient, longer-lived and easier to conceal
• Redesigned stakes and light bases provide greater stability in and out of water
• Redesigned Light Ring center opening now accommodates 1½” pipe and includes snap-in bushing for 1” pipe
• New Fountain Light, now available in both Warm White and Color Changing, accepts ¾” PVC or kink-free tubing
• New waterproof 12” Bar Light provides linear lighting in easy-to-mount, easy-to-conceal configurations
• New Single and Triple Pond Light Kits are available in both Warm White and Color Changing
• Please note all wattages are rounded up to ensure adequate system capacity when calculating total wattages

CAPABILITIES
• All Color Changing Lighting is now controllable via InfiColor Smart Module and App, no remote necessary
• Custom colors, transitions, sequences and speeds are easily programmable on any Apple® or Android™ device
• Each InfiColor Smart Module can individually program up to 3 separate zones
• Smart Module handles 120 watts of LED lighting, 40 watts per zone
• Mobile application unlocks all RGB color options, to access infinite colors
• InfiColor Smart Module upgrades all Color Changing lighting with included adapters
The enemy of any Light Emitting Diode (LED) is heat. Because LEDs draw more current as they heat up, they are susceptible to “thermal runaway”, where current draw heats up the diode, which draws more current, until the diode burns itself up. The LED driver, a self-contained, regulated DC power source, controls thermal runaway by maintaining constant current. To reduce heat even more, Atlantic has moved the drivers from inside the light to the power cord, to maximize LED lifespan.

**SPOTLIGHTS**

- LED Spotlights create focal points in and around the water feature
- Atlantic’s compact solid brass Spotlights with oil rubbed bronze finish blend into any landscape or water feature
- Small remote drivers 18” from light decrease heat and pull through 1” sweeps
- Submersible lights function equally well out of water and throughout the landscape
- LED units inside lights are easily replaceable
- Warm White matches 2800° Kelvin temperature of halogen and incandescent lighting
- Spotlights feature 20’ power cord and quick-connect plug for easy installation
- Flat 2-wire cord on Warm White can be stripped and tied into existing systems
- InfiColor Smart Module and App (not included) unlock the full potential of Color Changing lights
- New Color Changing Lights connect to SOL Lighting with included plug adapter

**MODEL LIST**

<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>
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<tbody>
<tr>
<td>WWCS2</td>
<td>$85.99</td>
<td>12 volt AC</td>
<td>2</td>
<td>45 Degrees</td>
<td>2”L x 1⅛”W</td>
<td>Base &amp; ground stake WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
<td></td>
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<tr>
<td>CCCC2</td>
<td>$113.99</td>
<td>InfiColor</td>
<td>2</td>
<td>45 Degrees</td>
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<td>WWCS4</td>
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<td>Base &amp; ground stake WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
<td></td>
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<tr>
<td>CCCC4</td>
<td>$168.99</td>
<td>InfiColor</td>
<td>4</td>
<td>45 Degrees</td>
<td>2”L x 1⅛”W</td>
<td>Base, ground stake &amp; SOL plug adapter CCSM50X3</td>
<td>5-year Limited</td>
<td></td>
</tr>
</tbody>
</table>

**NEW!**

**HARDSCAPE LIGHTS**

- Hardscape Lights brighten walls, columns or steps evenly, without hot spots
- Atlantic Hardscape Lights of solid brass and stainless steel feature a classic oil rubbed bronze finish enhance any landscape
- Hardscape Lights install under steps, caps and counters
- Cast brass epoxied diode assembly can be replaced without removing mounting plate
- Isolated drivers decrease size of fixture and optimize heat dissipation
- Classic oil rubbed bronze finish of Hardscape Lights complements any wall or Stairway
- Warm White matches 2800° Kelvin temperature of halogen and incandescent lighting
- Hardscape Lights feature 20’ power cord and quick-connect plug for easy installation
- Flat 2-wire cord on Warm White can be stripped and tied into existing systems
- InfiColor Smart Module and App (not included) unlock the full potential of Color Changing Lights
- New Color Changing Lights connect to SOL Lighting with included plug adapter

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<th>REQUIRES</th>
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<td>12 volt AC</td>
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<td>120 Degrees</td>
<td>6”L x ⅛”W x ⅛”H</td>
<td>Mounting plate WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
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</tr>
<tr>
<td>CCHL6</td>
<td>$168.99</td>
<td>InfiColor</td>
<td>2</td>
<td>120 Degrees</td>
<td>6”L x ⅛”W x ⅛”H</td>
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<td>120 Degrees</td>
<td>12”L x ⅛”W x ⅛”H</td>
<td>Mounting plate WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
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<tr>
<td>CCHL12</td>
<td>$196.99</td>
<td>InfiColor</td>
<td>4</td>
<td>120 Degrees</td>
<td>12”L x ⅛”W x ⅛”H</td>
<td>Mounting plate, SOL plug adapter CCSM50X3</td>
<td>5-year Limited</td>
<td></td>
</tr>
</tbody>
</table>

**NEW!**

**DID YOU KNOW?**

Unlike many built in fixtures, Atlantic’s Hardscape Lights feature a removable LED diode assembly. The assembly attaches with two stainless steel screws, eliminating the need to remove the steel anchor plate to replace the light. Simply loosen the screws and unplug the assembly to remove the old light bar and replace with the new one. Use dielectric silicone grease on the plug to maintain water resistance.
## Fountain Lighting

- Low profile Ring Light uplifts and washes with an extremely wide 120° beam angle
- Atlantic’s solid brass Ring Lights feature a classic oil rubbed bronze finish that complements any landscape or water feature
- Epoxy-encased, cast brass light fits over ½” pipe and includes bushing for 1” applications
- Warm White matches 2800° Kelvin color temperature of halogens and incandescents
- Ring Lights feature 20’ power cord and quick-connect plug for easy installation
- Flat 2-wire cord on Warm White can be stripped and tied into existing systems
- InfiColor Smart Module and App (not included) unlock the full potential of Color Changing lights
- New Color Changing Lights connect to SOL Lighting with included plug adapter

### Model List

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<th>Dimensions</th>
<th>Includes</th>
<th>Requires</th>
<th>Warranty</th>
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<tbody>
<tr>
<td>WWFL2</td>
<td>$49.99</td>
<td>12 volt AC</td>
<td>2</td>
<td>120 Degrees</td>
<td>2”W x 1¼”H</td>
<td>¾” insert fitting</td>
<td>WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>CCFL2</td>
<td>$66.99</td>
<td>InfiColor</td>
<td>2</td>
<td>120 Degrees</td>
<td>2”W x 1¼”H</td>
<td>¾” insert fitting &amp; SOL plug adapter</td>
<td>CCSM30X3</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>

## Specialty Lighting

- Spout Lights illuminate water flowing from Wall Spouts and bubbling boulders
- Atlantic’s Spout Light with 1” MIPT machined brass body mounts inside Sch. 40 PVC FIP fitting to light the stream of water from inside plumbing
- Small diameter drivers are isolated 18” from light for optimal heat dissipation and fit through 1” conduit
- LED units inside lights are easily replaceable
- Warm White matches 2800° Kelvin temperature of halogen and incandescent lighting
- Spout Lights feature 20’ power cord and quick-connect plug for easy installation
- Flat 2-wire cord on Warm White can be stripped and tied into existing systems
- InfiColor Smart Module and App (not included) unlock the full potential of Color Changing lights
- New Color Changing Lights connect to SOL Lighting with included plug adapter

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<tr>
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<th>Dimensions</th>
<th>Includes</th>
<th>Requires</th>
<th>Warranty</th>
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<tbody>
<tr>
<td>WWLS2</td>
<td>$90.99</td>
<td>12 volt AC</td>
<td>2</td>
<td>45 Degrees</td>
<td>1½”L x 1½”W x 1½”H</td>
<td>---</td>
<td>WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>CCSL2</td>
<td>$121.99</td>
<td>InfiColor</td>
<td>2</td>
<td>45 Degrees</td>
<td>1½”L x 1½”W x 1½”H</td>
<td>SOL plug adapter</td>
<td>CCSM30X3</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>

## New Products

- Fountain lights illuminate water inside vases, basalt and bubbling boulders
- Atlantic’s epoxy-encased Fountain Lights flood plumes of water with 120° beam angle
- PVC body with bottom mounted cord fits into ½” socket fittings and 2” bore holes
- Fountain Light accepts standard ¾” rigid PVC or Kink-Free pipe
- Warm White matches 2800° Kelvin color temperature of halogens and incandescents
- Fountain Lights feature 20’ power cord and quick-connect plug for easy installation
- Flat 2-wire cord on Warm White can be stripped and tied into existing systems
- InfiColor Smart Module and App (not included) unlock the full potential of Color Changing lights
- New Color Changing Lights connect to SOL Lighting with included plug adapter

### Model List

<table>
<thead>
<tr>
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<th>Watts</th>
<th>Beam Angle</th>
<th>Dimensions</th>
<th>Includes</th>
<th>Requires</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>WWFL2</td>
<td>$49.99</td>
<td>12 volt AC</td>
<td>2</td>
<td>120 Degrees</td>
<td>2”W x 1¼”H</td>
<td>¼” insert fitting</td>
<td>WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>CCFL2</td>
<td>$66.99</td>
<td>InfiColor</td>
<td>2</td>
<td>120 Degrees</td>
<td>2”W x 1¼”H</td>
<td>¼” insert fitting &amp; SOL plug adapter</td>
<td>CCSM30X3</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>

- Linear lights are designed to wash walls, falls and spillways with a wide beam angle
- Atlantic’s solid brass Bar Light includes dual bases or stainless steel L-brackets to mount to any hard surface
- Mounted light rotates 30° in either direction for versatility in directing illumination
- Warm White matches 2800° Kelvin temperature of halogen and incandescent lighting
- Bar Lights feature 20’ power cord and quick-connect plug for easy installation
- Flat 2-wire cord on Warm White can be stripped and tied into existing systems
- InfiColor Smart Module and App (not included) unlock the full potential of Color Changing lights
- New Color Changing Lights connect to SOL Lighting with included plug adapter

### Model List

<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>
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<tr>
<td>WWLS5</td>
<td>$124.99</td>
<td>12 volt AC</td>
<td>5</td>
<td>120 Degrees</td>
<td>1½”L x 1½”W x 1½”H</td>
<td>(2) Bases, L-brackets</td>
<td>WW30X4 or 12 volt Transformer</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>CCSL5</td>
<td>$168.99</td>
<td>InfiColor</td>
<td>5</td>
<td>120 Degrees</td>
<td>1½”L x 1½”W x 1½”H</td>
<td>(2) Bases, L-brackets &amp; SOL plug adapter</td>
<td>CCSM30X3</td>
<td>5-year Limited</td>
</tr>
</tbody>
</table>
POND LIGHTING

- Submersible pond lights extend enjoyment of ponds and water features beyond dusk
- Atlantic’s Single and Triple Pond Light Kits come complete with everything needed to illuminate waterscapes and the surrounding landscape
- Durable high-impact housing and replaceable diode assembly for long service life
- Triple Light Kit includes 12’ cord from transformer to junction plus 8’ to each light
- Warm White matches 2800° Kelvin color temperature of halogens and incandescents.
- Warm White Pond Lights feature removable photocell light sensor with built-in memory
- Light sensor turns lights on at dusk, off after 6 hours, even if photocell gets covered

<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>
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<td>SOLWPL1</td>
<td>$48.99</td>
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<td>1</td>
<td>50 Degrees</td>
<td>2½&quot;L x 2&quot;W</td>
<td>Light base, removable photocell &amp; 12 volt outdoor transformer</td>
<td>1-year</td>
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<tr>
<td>CCPL1</td>
<td>$129.99</td>
<td>InfiColor</td>
<td>1</td>
<td>50 Degrees</td>
<td>2½&quot;L x 2&quot;W</td>
<td>Light bases, InfiColor Smart Module &amp; 12 volt outdoor transformer</td>
<td>1-year</td>
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<tr>
<td>SOLWPL3</td>
<td>$102.99</td>
<td>12 volt AC</td>
<td>3</td>
<td>50 Degrees</td>
<td>2½&quot;L x 2&quot;W</td>
<td>Light bases, removable photocell &amp; 12 volt outdoor transformer</td>
<td>1-year</td>
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<tr>
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<td>InfiColor</td>
<td>3</td>
<td>50 Degrees</td>
<td>2½&quot;L x 2&quot;W</td>
<td>Light bases, InfiColor Smart Module &amp; 12 volt outdoor transformer</td>
<td>1-year</td>
</tr>
</tbody>
</table>

DID YOU KNOW?

Both Single and Triple Pond Light Kits come with everything needed to set up automatic operation. Color Changing Kits feature a single-zone InfiColor Smart Module to unlock the full potential of Color Changing Lights.

LIGHTING WIRING

- Atlantic quick-connect wiring makes connecting multiple fixtures fast and easy
- Compact inline 4-outlet Block Splitters for Warm White and Color Changing simplify connections and mount on flat surfaces to neaten and organize wiring
- All Splitters feature removable weather-proof caps for unused outlets
- Warm White Splitter can be stripped and spliced into existing low voltage systems
- Color Changing Splitters feature one-way keyed connections to eliminate misalignment and water intrusion

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>INPUT</th>
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<th>INCLUDES</th>
<th>WARRANTY</th>
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<tbody>
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<td>4-outlet Block Splitter</td>
<td>12 volt AC</td>
<td>5’L x 1½”W x 1½”H w/ 4” cord</td>
<td>Weatherproof caps</td>
<td>5-year</td>
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<tr>
<td>CCBXS4</td>
<td>$28.99</td>
<td>InfiColor 4-outlet Block Splitter</td>
<td>InfiColor</td>
<td>5’L x 1½”W x 1½”H w/ 4” cord</td>
<td>Weatherproof caps</td>
<td>5-year</td>
</tr>
</tbody>
</table>

DID YOU KNOW?

In response to contractor requests to modify lighting cord lengths, we have changed the light cords of our Warm White lighting fixtures, extensions and accessories from round, multi-wire cord to flat, two-wire low voltage wiring cord. Any flat two-wire cord can be shortened as desired, following best splicing practices. NEVER CUT THE ROUND WIRES!!!

Both Single and Triple Pond Light Kits come with everything needed to set up automatic operation. Color Changing Kits feature a single-zone InfiColor Smart Module to unlock the full potential of Color Changing Lights.
DID YOU KNOW?

Actually, the new Inficolor Smart Module and App don’t really give you unlimited control of an infinite number of colors. We’re sorry to say, we lied. The color choices of RGB systems are quite limited. The number of colors that can be generated by the combination of 256 levels of Red, Green and Blue are only 256 x 256 x 256 = 16,777,216. So in actuality, you only have unlimited control of 16.77 million colors with the new Atlantic Lighting System. We apologize for misleading you.

INFICOLOR SMART MODULE & APP

The Inficolor Smart Module and mobile application at the heart of the new Color Changing Lighting System allow users to program custom color sequences and transitions, set sequence timing and daily scheduling and unlock all RGB options on any Apple or Android mobile device. The Inficolor Smart Module now controls three individual zones via Bluetooth® mobile application and is compatible with all Atlantic Color Changing Lighting and Color Changing Colorfalls, past and present, with simple adapters included with every Module. The Atlantic Lighting System – the best has just gotten better.

- Inficolor Smart Module and App unlock the full potential of Color Changing Lights
- Smart Module is wirelessly controlled via Inficolor App, no remote necessary
- The three outlets of the Inficolor Smart Module can be synced and linked as a single zone or three zones may be controlled individually
- Each outlet can control up to 40 watts of Color Changing Lighting for a total of 120 watts per Inficolor Smart Module
- Upgrade any Atlantic Color Changing Lighting or Color Changing Colorfalls to the Inficolor System using the pigtail adapters included with every Module

INFICOLOR APP

The Bluetooth® Inficolor App makes custom colors, sequences, transitions, timing and daily scheduling of your Atlantic Color Changing Lighting or Color Changing Colorfalls accessible on any Apple or Android mobile device. Best of all, the Inficolor App eliminates the need for a separate remote control!

- Select any or all of the three zones to control
- Choose any color visually or create a custom color with RGB sliders
- Combine and save custom color sequences as Favorites
- Assign one of five transitions and adjust the speed of any Favorite
- Adjust brightness of sequences and solid colors if desired
- The three zones can be independently named and scheduled
- Inficolor App available on all Apple or Android devices

WIRING KITS & TRANSFORMERS

- Inficolor Wiring Kit powers and connects up to three Color Changing Lights
- Color Changing Lights can be synced and linked as a single zone or three zones may be controlled individually
- Module includes removable weatherproof caps for unused outlets
- 30 watt solid state Transformer is fully weatherproof for worry-free outdoor installations
- Add a larger Transformer and additional wiring components (not included) to power up to 120 watts of Color Changing Lighting, 40 watts per zone

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>INPUT</th>
<th>OUTPUT</th>
<th>INCLUDES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCSM30X3</td>
<td>$49.99</td>
<td>Inficolor 3 Light Wiring Kit</td>
<td>120 volt AC</td>
<td>Inficolor</td>
<td>12 volt AC, (3) SOL Pigtail Adapters</td>
<td>1-year</td>
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</table>

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NEW!
Atlantic’s Warm White LED System makes lighting your whole yard easy, no matter what your desired layout may be. In the example below, Fountain Lights, Hardscape Lights and Spotlights connected by Splitters and Extensions provide everything from backdrop lighting to accent lighting to wall washing, illuminating the whole area beautifully.

**WARM WHITE COMPONENTS:**
1. TRANS88 - 88 WATT TRANSFORMER
2. WWEXT20 - 20’ EXTENSION CORD
3. WWBSX4 - BLOCK SPLITTER
4. WWCS4 - 4 WATT SPOTLIGHT
5. WWFL2 - 2 WATT FOUNTAIN LIGHT
6. WWHL6 - 6” HARDSCAPE LIGHT

Create a symphony of brilliant color in your backyard oasis with Atlantic’s Color Changing LED System. Below, a Spillway uplit by a Color Changing Light Ring provides the focal point, accented by Wall Spouts fitted with Spout Lights to either side and flanked by Colorfalls lit from within, all easily linked and synced to an InfiColor Smart Module.

**COLOR CHANGING COMPONENTS:**
1. INFICOLOR SMART MODULE
2. CCEXT20 - 20’ EXTENSION CORD
3. CCBSX4 - BLOCK SPLITTER
4. CC24 - 24” COLORFALLS
5. CCHL6 - 6” HARDSCAPE LIGHT
6. CCCSL2 - 2 WATT SPOUT LIGHT
7. CCRL5 - 5 WATT RING LIGHT
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 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!

» The Triton Ionizer integrates seamlessly to the Triton Check Valve or directly to PVC or kink-free pipe for the easiest installation possible and the app provides control right from your smart device

» Water 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 Pond 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
- Atlantic’s TRIONS ionizer integrates seamlessly with the TR215CV Check Valve
- Easily installed in any new or existing water feature
- 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

TRITON IONIZER APP

Download our new Triton Ionizer app on the App Store and Google Play to wirelessly control the TRIONS 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: TRION2-RA
- Replacement anode for TRION2 and TRIONS Ionizers

MODEL: TRION-TS
- 50 Alkalinity / pH / Copper test strips with 2 year shelf life from Born on Date

MODEL LIST DESCRIPTION INPUT WATTs INLET/OUTLET INCLUDES WARRANTY
TRION3 $314.99 Electric Water Clarifier 12 volt AC 2 2” Sch 40 PVC Transformer, test strips and insert fittings 3-year
TRION2-RA $75.99 Replacement Anode
TRION-TS $12.99 Test Strips
WATER TREATMENTS

BIOMAX – WEEKLY BIOLOGICAL CONDITIONER

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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTBM1</td>
<td>$28.99</td>
<td>1 lb.</td>
<td>16,000 gallons</td>
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<tr>
<td>WTBM2</td>
<td>$45.99</td>
<td>2 lbs.</td>
<td>32,000 gallons</td>
</tr>
<tr>
<td>WTBM6</td>
<td>$115.99</td>
<td>6 lbs.</td>
<td>96,000 gallons</td>
</tr>
</tbody>
</table>

BIOMAX+ – ENHANCED BIOLOGICAL CONDITIONER

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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
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</thead>
<tbody>
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<tr>
<td>WTBM32</td>
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<td>12,000 gallons</td>
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<tr>
<td>WTBM1G</td>
<td>$49.99</td>
<td>1 gal.</td>
<td>48,000 gallons</td>
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</tbody>
</table>

DID YOU KNOW?

Atlantic Bacterial Water Treatments contain benign naturally occurring bacteria present in ponds, lakes and streams. The only difference between natural colonies of bacteria and the safe, non-toxic formulas in our bacterial products are the concentrations. Atlantic’s bacteria are measured in Colony Forming Units (CFU) with the least potent concentration equal to 1 billion CFU’s per gram. That means in every pound of our highly concentrated formulas there are at least 450 billion bacteria ready to safely clean and clear the water in your water feature!

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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>WTCB1</td>
<td>$23.99</td>
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<td>8,000 gallons</td>
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<td>WTCB2</td>
<td>$45.99</td>
<td>2 lbs.</td>
<td>16,000 gallons</td>
</tr>
<tr>
<td>WTCB6</td>
<td>$116.99</td>
<td>6 lbs.</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 accumulates 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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTRC24</td>
<td>$25.99</td>
<td>24 - ½ oz. Tablets</td>
<td>1,200 square feet</td>
</tr>
<tr>
<td>WTRC48</td>
<td>$38.99</td>
<td>48 - ½ oz. Tablets</td>
<td>2,400 square feet</td>
</tr>
<tr>
<td>WTRC72</td>
<td>$56.99</td>
<td>72 - ½ oz. Tablets</td>
<td>3,600 square feet</td>
</tr>
</tbody>
</table>

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.

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</tr>
</thead>
<tbody>
<tr>
<td>WTB1</td>
<td>$28.99</td>
<td>1 lb.</td>
<td>16,000 gallons</td>
</tr>
<tr>
<td>WTB2</td>
<td>$45.99</td>
<td>2 lbs.</td>
<td>32,000 gallons</td>
</tr>
<tr>
<td>WTB6</td>
<td>$115.99</td>
<td>6 lbs.</td>
<td>96,000 gallons</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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTES16</td>
<td>$14.99</td>
<td>16 oz.</td>
<td>9,600 gallons</td>
</tr>
<tr>
<td>WTES32</td>
<td>$23.99</td>
<td>32 oz.</td>
<td>19,200 gallons</td>
</tr>
<tr>
<td>WTES48</td>
<td>$75.99</td>
<td>1 gal.</td>
<td>76,800 gallons</td>
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</tbody>
</table>

EcoKlean 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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
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</thead>
<tbody>
<tr>
<td>WTEK1</td>
<td>$14.99</td>
<td>1 lb.</td>
<td>400 square feet</td>
</tr>
<tr>
<td>WTEK2</td>
<td>$22.99</td>
<td>2 lbs.</td>
<td>800 square feet</td>
</tr>
<tr>
<td>WTEK10</td>
<td>$58.99</td>
<td>10 lbs.</td>
<td>4,000 square feet</td>
</tr>
</tbody>
</table>

ECOSOLV – LIQUID POND CLEANER

ECOKLEAN – OXY POND CLEANER
WATER 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 Coldfish and Koi in times of stress because it thickens the slime coat that helps fish recover from cuts and abrasions.

- Immediately removes chlorine, chloramines, 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>
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<tbody>
<tr>
<td>WTVV16</td>
<td>$15.99</td>
<td>16 oz.</td>
<td>3,200 gallons</td>
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<tr>
<td>WTVV32</td>
<td>$23.99</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>
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</thead>
<tbody>
<tr>
<td>WTQC16</td>
<td>$15.99</td>
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<td>8,000 gallons</td>
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<tr>
<td>WTQC32</td>
<td>$21.99</td>
<td>32 oz.</td>
<td>16,000 gallons</td>
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</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
- Use weekly for best results
- Safe for use in birdbaths and basins where pets and wildlife may drink

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>TREATS</th>
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</thead>
<tbody>
<tr>
<td>WTRF16</td>
<td>$14.99</td>
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<td>1,600 gallons</td>
</tr>
<tr>
<td>WTRF32</td>
<td>$23.99</td>
<td>32 oz.</td>
<td>3,200 gallons</td>
</tr>
</tbody>
</table>

PD500

MODEL LIST VOLTS WATTS CORD DIMENSIONS WARRANTY

- Pond de-icers allow 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 saves energy by cycling on and off, maintaining an internal temperature of 200° under even the worst of conditions
- 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

To guarantee proper gas exchange under the most extreme winter weather conditions, combine Atlantic’s Pond De-Icer and TAKIT0400 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!

### AIR PUMP OUTPUT

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX PRESSURE</th>
<th>MAX DEPTH</th>
<th>CORD LENGTH</th>
<th>DIMENSIONS</th>
<th>WARRANTY</th>
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</thead>
<tbody>
<tr>
<td>TA0400</td>
<td>4L/0.14</td>
<td>2'</td>
<td>1'</td>
<td>3/4&quot;</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>TA0800</td>
<td>8L/0.28</td>
<td>2'</td>
<td>1'</td>
<td>1/2&quot;</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>TA1800</td>
<td>16L/0.63</td>
<td>---</td>
<td>1'</td>
<td>3/4&quot;</td>
<td>5-year Limited</td>
</tr>
<tr>
<td>TA3600</td>
<td>32L/2.12</td>
<td>---</td>
<td>1'</td>
<td>1&quot;</td>
<td>5-year Limited</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.

### 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

- List: $173.99
- Outlet: ¾” insert, ½” slip
- Volts: 115
- Watts: 25
- Max Pressure: 3 psi
- Max Depth: 7’
- Cord Length: 6’
- Dimensions: 6 ¾”L x 5”W x 5 ¼”H
- Warranty: 3-year Limited

### MODEL: TA3600

- List: $270.99
- Outlet: ¾” insert, ½” slip
- Volts: 115
- Watts: 35
- Max Pressure: 5 psi
- Max Depth: 11’
- Cord Length: 7¼”L x 7”W x 6½”H
- Dimensions: 7¼”L x 7”W x 6½”H
- Warranty: 3-year Limited
**TECH TIP**

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.

**POND FEATURES:**
- Keeps out leaves and other windblown debris
- Protects fish from heron and other predators
- Helps prevent algae growth by reducing organic waste

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

**DID YOU KNOW?**

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 saidly 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.

---

**POND NETTING**

- 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

**MODEL LIST SIZE HOLE SIZE INCLUDES WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>HOLESIZE</th>
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<tbody>
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<td>PN1015</td>
<td>$23.99</td>
<td>10’ x 10’</td>
<td>½” x ½”</td>
<td>12 UV-Resistant Net Stakes</td>
<td>1-year</td>
</tr>
<tr>
<td>PN1520</td>
<td>$36.99</td>
<td>15’ x 20’</td>
<td>½” x ½”</td>
<td>12 UV-Resistant Net Stakes</td>
<td>1-year</td>
</tr>
<tr>
<td>PN2020</td>
<td>$45.99</td>
<td>20’ x 20’</td>
<td>½” x ½”</td>
<td>12 UV-Resistant Net Stakes</td>
<td>1-year</td>
</tr>
<tr>
<td>PN2030</td>
<td>$63.99</td>
<td>20’ x 30’</td>
<td>½” x ½”</td>
<td>12 UV-Resistant Net Stakes</td>
<td>1-year</td>
</tr>
<tr>
<td>PN10100</td>
<td>$92.99</td>
<td>10’ x 100’</td>
<td>½” x ½”</td>
<td>---</td>
<td>1-year</td>
</tr>
<tr>
<td>PN20100</td>
<td>$186.99</td>
<td>20’ x 100’</td>
<td>½” x ½”</td>
<td>---</td>
<td>1-year</td>
</tr>
<tr>
<td>PN30100</td>
<td>$279.99</td>
<td>30’ x 100’</td>
<td>½” x ½”</td>
<td>---</td>
<td>1-year</td>
</tr>
<tr>
<td>PN550</td>
<td>$21.99</td>
<td>6’ x 1 ½”W</td>
<td>---</td>
<td>50 Net Stakes</td>
<td>1-year</td>
</tr>
</tbody>
</table>

**TECH TIP**

- 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

---

**POND & GARDEN PROTECTOR**

- The Pond and Garden Protector elevates the netting to keep leaves and other wind blown debris out of your pond or garden
- Dome design allows pond and garden plants to grow unobstructed under netting
- UV-resistant poly netting extends usable life

**MODEL LIST NET SIZE ASSEMBLED SIZE INCLUDES WARRANTY**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>NET SIZE</th>
<th>ASSEMBLED SIZE</th>
<th>INCLUDES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGPSM</td>
<td>$95.99</td>
<td>15’ x 20’</td>
<td>7’W x 9’1” x 2’H</td>
<td>Nylon Base, Center Receptor, (4) Fiberglass Poles, (4) 12’ Tie-downs, (4) Ground Stakes, (12) Net Stakes, (8) Net Clips</td>
<td>1-year</td>
</tr>
</tbody>
</table>
Atlantic’s Aeration System offers everything you need for the health and maintenance of large ponds and lakes. The sophisticated suite of products includes Air Compressors, Diffusers and accessories optimized for every size and depth body of water. We took our time to develop the best system on the market today - efficient and economical, engineered for excellence!

›› 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

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

WITHOUT AERATION

WITH AERATION

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
**SPECIFYING AERATION SYSTEMS**

The three keys to sizing aeration are Depth, Shape, and Profile. The Depth of an air diffuser is set governs how much water the rising bubbles can move; the deeper, the more water a single diffuser can circulate. The same diffuser set in shallow water will aerate a smaller area. The Shape of the water feature will either aid or impede circulation. A simple circle can typically be circulated with just one diffuser, while more complex shapes with coves and peninsulas that impede flow will require more diffusers. Finally, the inner Profile of the water feature will influence the number of diffusers required. Smooth sides and a bowl-shaped profile facilitate aeration and circulation, while lakes with many ledges and changes in depth will require more diffusers to aerate them efficiently.

### DEPTH

Circulation is directly proportional to depth. The volume of water that a given amount of air can move increases with the distance the bubbles rise. The deeper the water, the longer it will take for the rising bubbles to reach the surface, so the more water each bubble can pull upwards with it. The rising water has to be replaced by water sweeping in towards the diffuser, so a relatively small amount of air rising from deep water can circulate a tremendous volume. Shallow water doesn’t provide as much ‘fetch’, or time for the bubbles to act on the water column, so circulation is reduced and more air needed per given area. The water welling up from a deeply set diffuser has a great deal of inertia, which causes it to flow outward in all directions once it reaches the surface. The diameter of the circle of aerated water created is proportional to the depth. The diameters corresponding to various depths are listed in the Tables at the bottom of the next page.

### SHAPE

The shape of the water feature also affects circulation. Circular bodies lend themselves to easy, effective circulation, often with just a single diffuser in the center. Long, narrow or convoluted shapes will require multiple diffusers, usually one in each isolated area, and consequently greater volumes of air. All four lakes below have the same area, but their different layouts require a different number of diffusers.

### PROFILE

For lakes with complex shapes and multiple depths, the three keys to sizing aeration are Depth, Shape, and Profile. The Depth an air diffuser is set governs how much water the rising bubbles can move; the deeper, the more water a single diffuser can circulate. The same diffuser set in shallow water will aerate a smaller area. The Shape of the water feature will either aid or impede circulation. Circular bodies lend themselves to easy, effective circulation, often with just a single diffuser in the center. Long, narrow or convoluted shapes will require multiple diffusers, usually one in each isolated area, and consequently greater volumes of air. All four lakes below have the same area, but their different layouts require a different number of diffusers.

### FOR LAKES WITH SIMPLE SHAPES AND SINGLE 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:

For the roughly square pond at the right, 100 feet on a side. Multiply 150' x 150' to find the area and divide by 43,560 to convert to surface acres.

\[
\frac{150' \times 150'}{43,560} = 1,013.24 \text{ ft}^2
\]

\[
1,013.24 \text{ ft}^2 \div 43,560 = 0.02306 \text{ ac}
\]

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 TPD300S. In the case of lakes larger than the surface areas listed, multiple systems will be required.

### 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 16’ deep at one end, 150’ wide and 16’ at the other; with a shallower 8’ deep 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.

In 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 SHALLOW WATER DIFFUSER

<table>
<thead>
<tr>
<th>DEPTH</th>
<th>@2’</th>
<th>@4’</th>
<th>@6’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circle Diameter</td>
<td>48”</td>
<td>55”</td>
<td>70”</td>
</tr>
<tr>
<td>Diffusers per Surface Acre</td>
<td>16</td>
<td>12</td>
<td>8</td>
</tr>
</tbody>
</table>

### AREA COVERED BY DEEP WATER DIFFUSER

<table>
<thead>
<tr>
<th>DEPTH</th>
<th>@2’</th>
<th>@6’</th>
<th>@10’</th>
<th>@20’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circle Diameter</td>
<td>100’</td>
<td>120’</td>
<td>150’</td>
<td>200’</td>
</tr>
<tr>
<td>Diffusers per Surface Acre</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>
**DIFFUSERS & COMPRESSORS**

**MODEL: TPSDIF**
- 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.

**MODEL: TPDDIF**
- 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.

**TYPHON DIFFUSER FEATURES:**
1. Heavy-wall 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 ½” and ⅜” weighted tubing.
6. Includes ⅜” check valve, ⅜” insert fitting and stainless steel strain relief bracket.

**SHALLOW WATER AIR COMPRESSORS**
- 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.

**MODEL: TPS200**
- Mystic: 200$226.99 Shallow Water Diffuser 15 - 75 LPM 13½”L x 12”W x 8½”H 5-year

**MODEL: TPS400**
- Typhoon: 200$275.99 Deep Water Diffuser 25 - 150 LPM 18”L x 16”W x 10½”H 5-year

**DEEP WATER AIR COMPRESSORS**
- Gast rocking piston Deep Water Air Compressors with high pressure output are the best choice for ponds from 8 to 35 feet deep.
- Dual aluminum pistons, hard-coated cylinders and replaceable piston seals make these compact workhorses as long lasting as they are powerful.
- Replaceable air filter keeps dust and abrasives out for longevity.

**MODEL: TPD87R6**
- Mystic: 870$776.99 ¼” FIPT ¼” FIPT 115 4.4 30 psi 35’ 10”L x 6½”W x 7”H Intake Filter 2-year

**MODEL: TPD72R6**
- Typhoon: 870$876.99 ¼” FIPT ¼” FIPT 115 5 30 psi 35’ 11”L x 7½”W x 7½”H Intake Filter 2-year

To convert Atlantic Aeration Systems to ½” Weighted Tubing see page 96.
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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>DESCRIPTION</th>
<th>O.D.</th>
<th>WEIGHT</th>
<th>INCLUDES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPT38050</td>
<td>$50.99</td>
<td>⅜&quot; x 50' Weighted Tubing 0.69&quot;</td>
<td>20 lbs.</td>
<td>⅜&quot; insert coupling</td>
<td>5-year</td>
<td></td>
</tr>
<tr>
<td>TPT38100</td>
<td>$99.99</td>
<td>⅜&quot; x 100' Weighted Tubing 0.69&quot;</td>
<td>100 lbs.</td>
<td>⅜&quot; insert coupling</td>
<td>5-year</td>
<td></td>
</tr>
<tr>
<td>TPT12050</td>
<td>$304.99</td>
<td>½&quot; x 50' Weighted Tubing 0.97&quot;</td>
<td>19 lbs.</td>
<td>½&quot; insert coupling</td>
<td>5-year</td>
<td></td>
</tr>
<tr>
<td>TPT12100</td>
<td>$207.99</td>
<td>½&quot; x 100' Weighted Tubing 0.97&quot;</td>
<td>58 lbs.</td>
<td>½&quot; insert coupling</td>
<td>5-year</td>
<td></td>
</tr>
<tr>
<td>TPT12500</td>
<td>$1,024.99</td>
<td>½&quot; x 500' Weighted Tubing 0.97&quot;</td>
<td>190 lbs.</td>
<td>½&quot; insert coupling</td>
<td>5-year</td>
<td></td>
</tr>
<tr>
<td>TPF12WT</td>
<td>$20.99</td>
<td>Fitting Kit for ½&quot; Weighted Tubing Conversion</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

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
- Tool-free connections simplify tubing installation

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>O.D.</th>
<th>WEIGHT</th>
<th>INCLUDES</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPB1200</td>
<td>$66.99</td>
<td>½&quot; x 100' Direct Burial Tubing</td>
<td>---</td>
<td>10 lbs.</td>
<td>½&quot; MPT / FPT Push-lock fittings</td>
<td>5-year</td>
</tr>
</tbody>
</table>

SLUDGE REMOVER

Concentrated bacteria in 3 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.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>DOSAGE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPWPSR06</td>
<td>$142.99</td>
<td>192 Tablets 6 lbs.</td>
<td>16 tablets per 1000 sq. ft. every two weeks</td>
<td>1,000 sq. ft. for 6 months</td>
</tr>
<tr>
<td>TPWPSR24</td>
<td>$545.99</td>
<td>768 Tablets 24 lbs.</td>
<td>64 tablets per 4000 sq. ft. every two weeks</td>
<td>4,000 sq. ft. for 6 months</td>
</tr>
</tbody>
</table>

POND CLARIFIER +TM

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>DOSAGE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPWCP06</td>
<td>$146.99</td>
<td>12 Packets 6 lbs.</td>
<td>1 packet per ½ acre every two weeks</td>
<td>¼ acre pond for 6 months</td>
</tr>
<tr>
<td>TPWCP24</td>
<td>$458.99</td>
<td>48 Packets 24 lbs.</td>
<td>4 packets per acre every two weeks</td>
<td>1 acre pond for 6 months</td>
</tr>
</tbody>
</table>

POND CLARIFIER

EASY TO THROW ½ OUNCE SLUDGE ELIMINATING TABLETS RAPIDLY DIGEST DECOMPOSING VEGETATION AND FISH WASTE. PLANT AND FISH SAFE, PERFECT FOR WADING AND SWIMMING AREAS. WHEN REGULARLY APPLIED AS DIRECTED TO THE SHORELINE, TABLETS CAN REMOVE UP TO 5 INCHES OF MUCK PER YEAR.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>DOSAGE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPWCP06</td>
<td>$176.99</td>
<td>12 Tablets 6 lbs.</td>
<td>2 tablets per ½ acre every two weeks</td>
<td>¼ acre pond for 8 months</td>
</tr>
<tr>
<td>TPWCP24</td>
<td>$545.99</td>
<td>128 Tablets 24 lbs.</td>
<td>8 tablets per acre every two weeks</td>
<td>1 acre pond for 8 months</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>SIZE</th>
<th>DOSAGE</th>
<th>TREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPWDBLU2</td>
<td>$27.99</td>
<td>2 Packets</td>
<td>1 packet per acre-foot</td>
<td>¼ acre 4-6” deep</td>
</tr>
<tr>
<td>TPWDBLU4</td>
<td>$48.99</td>
<td>4 Packets</td>
<td>1 packet per acre-foot</td>
<td>1 acre 4-6” deep</td>
</tr>
<tr>
<td>TPWDBLUG</td>
<td>$48.99</td>
<td>1 gallon</td>
<td>½ gallon per acre-foot</td>
<td>1 acre 4-6” deep</td>
</tr>
<tr>
<td>TPWDBLKD</td>
<td>$48.99</td>
<td>½ gallon</td>
<td>½ gallon per acre-foot</td>
<td>1 acre 4-6” deep</td>
</tr>
</tbody>
</table>

POND TREATMENTS

P & L

Easy to throw ½ ounce sludge eliminating tablets rapidly digest decomposing vegetation and fish waste. Plant and fish safe, perfect for wading and swimming areas. When regularly applied as directed to the shoreline, tablets can remove up to 5 inches of muck per year.

<table>
<thead>
<tr>
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Concentrated bacteria in 3 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.

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</tbody>
</table>
DID YOU KNOW?

Ventilation is crucial for proper functioning of components inside 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.

SHALLOW WATER AERATION CABI NENTS

- 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

<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>$740.99</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>$883.99</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>

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>$1,367.99</td>
<td>Shallow Water Aeration System with Two Diffusers</td>
<td>TPS200C Cabinet Assembly, (2) TPT38100 Weighted Tubing, (2) TPSDF Shallow Water Diffusers</td>
<td>up to 6’ deep</td>
<td>Up to ¼ surface acre</td>
<td>2-year</td>
</tr>
<tr>
<td>TPS400S</td>
<td>$2,117.99</td>
<td>Shallow Water Aeration System with Four Diffusers</td>
<td>TPS400C Cabinet Assembly, (4) TPT38100 Weighted Tubing, (4) TPSDF Shallow Water Diffusers</td>
<td>up to 7’ deep</td>
<td>Up to ½ surface acre</td>
<td>2-year</td>
</tr>
</tbody>
</table>

MODEL: TPS200S

- Shallow Water Aeration systems combine all of the components you need to aerate ponds and lakes up to 7’ deep and a half acre in surface area

MODEL: TPS400S

- 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

<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’</th>
<th>@4’</th>
<th>@6’</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPS200S</td>
<td>115</td>
<td>0.9</td>
<td>112</td>
<td>110</td>
<td>3.9</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>
DID YOU KNOW?

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.

DEEP WATER AERATION CABINETS

• Includes Gast rocking piston Deep Water Air Compressor
• Easily adjusted 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 double-walled Cabinets secure and protect components while muffling the sound of compressors
• Atlantic’s Cabinets have reinforced lockable lids and sturdy hinges with vandal-resistant screws for secure installation
• Integrated cooling fan keeps components from overheating under the harshest conditions
• Filtered air intake protects the compressor from dust and debris

MODEL LIST DESCRIPTION DIMENSIONS WEIGHT INCLUDES POND DEPTH WARRANTY
TPD100C-87R6 $1,273.99 1-Outlet Deep Water Assembly 24” x 22” x 20” 60 lbs. Cabinet with 1-outlet manifold and Rocking Piston Compressor Ponds over 8’ Deep 2-year
TPD200C-87R6 $1,302.99 2-Outlet Deep Water Assembly 24” x 22” x 20” 60 lbs. Cabinet with 2-outlet manifold and Rocking Piston Compressor Ponds over 8’ Deep 2-year
TPD300C-72R6 $1,409.99 3-Outlet Deep Water Assembly 24” x 22” x 20” 72 lbs. Cabinet with 3-outlet manifold and Rocking Piston Compressor Ponds over 8’ Deep 2-year
TPD400C-72R6 $1,437.99 4-Outlet Deep Water Assembly 24” x 22” x 20” 72 lbs. Cabinet with 4-outlet manifold and Rocking Piston Compressor Ponds over 8’ Deep 2-year

DEEP WATER AERATION SYSTEMS

• Atlantic’s Deep Water Aeration Systems offer complete solutions for lakes up to 35’ 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

MODEL LIST INCLUDES FOR USE WITH COVERAGE AREA WARRANTY
TPD100S-87R6 $1,675.99 TPD100C Cabinet Assembly, TPT38100 Weighted Tubing and TPDDIF Deep Water Diffuser Ponds and lakes between 8’ and 3’ deep Up to 1 surface acre 2-year
TPD200S-87R6 $2,105.99 TPD200C Cabinet Assembly, (2) TPT38100 Weighted Tubing and (2) TPDDIF Deep Water Diffusers Ponds and lakes between 8’ and 3’ deep Up to 2 surface acres 2-year
TPD300S-72R6 $2,614.99 TPD300C Cabinet Assembly, (3) TPT38100 Weighted Tubing and (3) TPDDIF Deep Water Diffusers Ponds and lakes between 8’ and 3’ deep Up to 3 surface acres 2-year
TPD400S-72R6 $3,044.99 TPD400C Cabinet Assembly, (4) TPT38100 Weighted Tubing and (4) TPDDIF Deep Water Diffusers Ponds and lakes between 8’ and 3’ deep Up to 4 surface acres 2-year

MODEL VOLTS AMPS MAX LPM MAX CFM @8’ @12’ @16’ @20’
TPD100S-87R6 115 4.5 150 4.6 ¼ acre ¼ acre ¼ acre 1 acre
TPD200S-87R6 115 4.5 150 4.6 ½ acre 1 acre 1 acre 2 acres
TPD300S-72R6 115 5.1 165 5.8 ¾ acre 1½ acres 3 acres 4 acres
TPD400S-72R6 115 5.1 165 5.8 1 acre 1½ acres 3 acres 4 acres
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.

- 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

CLEAN RAIN FEATURES:

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.

MODEL LIST DIMENSIONS INLET / OUTLET DIVERTER OUTLET WARRANTY
RHCRU $108.99 8¼”L x 9”W x 31”H 2” x 3” and 3” x 4” downspout - 3” and 4” Sch 40 Garden hose, flex pipe and 3” Sch 40 1-year

Downspout Adaptors Included
Fits 2” x 3”, 3” x 4” and 3”, 4” downspouts

Compatible Hoses
Also fits 3” Schedule 40 pipe

Garden Hose Standard
Sump Hose 1”
Pool Hose 1½”

www.ATLANTICWATERGARDENS.com
**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 38.

**RAIN HARVESTING PRODUCTS**

**SUBMERSIBLE 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 and flow rates
- 1" FIPT outlet and 48' power cord
- Extremely reliable and easy to install
- 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 5' power cord

**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" MIPT outlet and 5' power cord

**MODEL LIST**

<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>$1,005.99</td>
<td>8'L x 4&quot;W x 19&quot;H</td>
<td>115</td>
<td>110</td>
<td>29 gpm</td>
<td>65 psi</td>
<td>1-year</td>
</tr>
<tr>
<td>RHEBS10</td>
<td>$1,005.99</td>
<td>18'L x 11&quot;W x 13&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 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 cisterns.
4. Built-in tank gauge riser and lid access extensions allow for 15” of backfill and can be removed for Pond-free installations.
5. Equipped with flat panels for installing additional pump lines, downspout diverters and overflows.

**TYPICAL INSTALLATION:**

- Vault discharge for stored water, overflow water to waste or infiltration tank
- Vault discharge for stored water, overflow water to waste or infiltration tank

**PAVER STONE WITH REMOTE 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.

**PIPE LENGTH**

<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>
Atlantic’s Rain Water Management Systems:

- **Rain Harvesting Kit with Submersible On-Demand Pump**
  - **RHDIV12**
  - Includes:
    - RHDIV12 Submersible Pressure Pump
    - Clean Rain Ultra Downspout Diverter
    - Rain Harvesting Pump Vault
    - 45mil EPDM pond liner

- **Rain Harvesting Kit with RHEBS10 External Pressure Pump**
  - **RHKIT500EBS**
  - **RHKIT1000EBS**
  - Includes:
    - RHEBS10 External Pressure Pump
    - Clean Rain Ultra Downspout Diverter
    - Rain Harvesting Pump Vault
    - 45mil EPDM pond liner

Atlantic’s Rain Harvetsing Kit with submersible on-demand pump provides everything you need to store and distribute up to 1000 gallons of harvested water.

### MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>CAPACITY</th>
<th>LINER SIZE</th>
<th>UNDERLAYMENT SIZE</th>
<th>ECO-BLOX</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHKIT500DIV</td>
<td>$2,996.99</td>
<td>504 gallons</td>
<td>15’ x 20’</td>
<td>(2) 12’ x 25’</td>
<td>52</td>
<td>1-year</td>
</tr>
<tr>
<td>RHKIT1000DIV</td>
<td>$3,755.99</td>
<td>1,008 gallons</td>
<td>20’ x 25’</td>
<td>(4) 12’ x 25’</td>
<td>32</td>
<td>1-year</td>
</tr>
</tbody>
</table>

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

### LEAF EATER

Attach a Leaf Eater to your downspout to ensure that no debris enters your basin. Easy to install, with a stainless steel mosquito-proof screen and pivoting outlet for either rear or bottom discharge, the Leaf Eater is both simple and effective. It is compact, versatile, and easy to install.

- **Leaf Eater**
  - inlet: 2½” Schedule 40 Downspout
  - outlet: 2½” Schedule 40 Downspout

### MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>CAPACITY</th>
<th>LINER SIZE</th>
<th>UNDERLAYMENT SIZE</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHRB055</td>
<td>$262.99</td>
<td>Half Rain Barrel</td>
<td>20” x 16” x 44”</td>
<td>55 gallons</td>
<td>1-year</td>
</tr>
<tr>
<td>RHRB110</td>
<td>$314.99</td>
<td>Rain Barrel</td>
<td>31” x 32” x 44”</td>
<td>100 gallons</td>
<td>1-year</td>
</tr>
</tbody>
</table>

### RAIN BARRELS

Sturdy, durable, and attractive, Atlantic’s Rain Barrels are perfect for those who want to store rainwater without excavating a below-ground basin. Available in 110 gallon full-sized barrels and 55 gallon half-barrels that nestle up perfectly to the side of your house, these Barrels make storing and accessing rainwater easier than ever.

- **Sturdy Rain Barrels**
  - Store rain water 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
  - Built-in overflow fitting allows barrels to be connected together for greater storage
  - 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>UNDERLAYMENT SIZE</th>
<th>ECO-BLOX</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RIKIT500DIV</td>
<td>$2,696.99</td>
<td>504 gallons</td>
<td>15’ x 20’</td>
<td>(2) 12’ x 25’</td>
<td>52</td>
<td>1-year</td>
</tr>
<tr>
<td>RIKIT1000DIV</td>
<td>$3,755.99</td>
<td>1,008 gallons</td>
<td>20’ x 25’</td>
<td>(4) 12’ x 25’</td>
<td>32</td>
<td>1-year</td>
</tr>
</tbody>
</table>

Atlantic’s Rain Barrels are made of UV protected PVC in an attractive pebble finish to complement any outdoor space.

### TANK GAUGE

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

- **Tank Gauge**
  - 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

### MODEL LIST

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIST</th>
<th>CAPACITY</th>
<th>LINER SIZE</th>
<th>UNDERLAYMENT SIZE</th>
<th>ECO-BLOX</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHTG</td>
<td>$473.99</td>
<td>3½” x 2½” x 4½”</td>
<td>Requires 1½” hole for installation</td>
<td>Atlantic Pump Vault</td>
<td>1-year</td>
<td></td>
</tr>
</tbody>
</table>

Atlantic’s Rain Barrels are perfect for those who want to store rainwater without excavating a below-ground basin. Available in 110 gallon full-sized barrels and 55 gallon half-barrels that nestle up perfectly to the side of your house, these Barrels make storing and accessing rainwater easier than ever.
**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 - 20 gph x diameter in inches x 3.14

*Example:
- 400 - 800 gph for 12” diameter, 600 - 1200 gph for 18” diameter, 800 - 1600 for 24” diameter, 1200 - 2400 for 36” diameter

*Rougher surfaces require greater flows but may splash more.

**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 fountain 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-Box reservoirs.

**Typical Pump Sizing**
- Use up to two TT3000 pumps, into three 3-Way Diverters, per PV7000 Pump Vault, to supply up to 400 - 500 gph to each of 6 individual features through ½” tubing.

**Typical Eco-Blox / Eco-Rise Installation**

**Flex Basin**

**Installing a Pump in a Flexible Fountain Basin:**
- Atlantic’s (4 x 4, 4 x 6 & 4 x 8) rectangular and 6’ and 8’ diameter round Flexible Fountain Basins have a convenient cord chase that runs horizontally 2’ from the vertical wall to 12’ from the center of the reservoir. A second cord chase runs up the vertical wall from 2’ above the bottom of the reservoir. These cord chases hide the electrical cord of the pump. This allows the pump to be set in the center of the reservoir with a pump nozzle attached directly to the outlet of the pump. The cord will exit the wall supporting the reservoir between the last vertical course of wall stone and the cap.

To pass the electrical cord of the pump through the wall, install a bulkhead fitting to the side of the vertical cord chase. Using an ⅝” MIPT x slip male adapter, run a length of conduit through the wall. Installation may require notching the interior of the wallstone to accommodate the thickness of the bulkhead fitting so the liner will lay flat. Pass the cord through the horizontal cord chase, the bulkhead fitting and the conduit. Use a Cord Seal Fitting in the male adapter to seal around the cord and prevent any leakage. Construct wall as needed to hide conduit through wall.

**Fountain Nozzles**

**Calculating Pump Required for Multiple Nozzles**
- The specification table for each Fountain Nozzle gives the recommended range of flow and pressure for each. Overdriving the volume or the pressure will not significantly increase the maximum height or width of the display but will cost more to operate and put more stress on the system. In order to avoid frequent nozzle clogging, the largest particles passing through the pump should be significantly smaller than the smallest oriﬁces on the nozzle. Inlet screening and/or filtration may be required.
- To calculate the amount of water necessary for multiple nozzles add up the volume that each nozzle requires. Determine which nozzle requires the highest pressure. The pump chosen will need to provide the total volume at that highest pressure. For example, if three nozzles require 1200 GPH at 4 PSI, 2400 GPH at 6 PSI and 3600 GPH at 2 PSI respectively, you will need a pump that provides 7200 GPH at 6 PSI.

**Using Light Ring to Illuminate Display from Fountain Nozzles**
- To illuminate the display from an ⅛” nozzle, install an ⅛” adapter at the appropriate height on the ⅛” riser related to the outlet of the pump. Slip the Ring Light over the male adapter before attaching the nozzle. To illuminate the display from a ¼” nozzle, create a base for an Atlantic Ring Light by installing a ¼” x ⅛” reducing adapter on the ⅛” riser related to the outlet of the pump. Adapter should be set at the height appropriate for the nozzle. Install ⅛” bushing on Light Ring (included with light) and slip the Light Ring over the 1” adapter before attaching the nozzle.

**Leveling Nozzles**
- The stainless steel Nozzle Adjustment Base is designed to level Fountain Nozzles that are up to 15 degrees off vertical. Adjustment is best done on a calm day when the wind will not blow off the procedure. Begin by adjusting all screws to leave a ¼” gap between the top and bottom plates. Install the Nozzle Adjustment Base on the pump or plumbing, then attach the nozzle to the base. Set the pump or plumbing in position and ensure that it is stable and will not move when the pump is in operation. Turn the pump on and note the direction that the water "leans". Turn off the pump and back out the screw closest to the direction of "lean"; counter-clockwise, noting the number of turns. Repeat as necessary to plum the water column. If water column "leans" is centered between two adjustment screws, adjust both as needed to correct.

**Copper Bowls**

**How to Plumb Bowls**

**Single & Combo**
- When used as standalone decorative elements, Copper Fountain Bowls and Copper Spillway Bowls all plumb the same way. Set the bowl on the 9” Copper Pedestal. Connect ⅛” pipe from a TT-Series pump to the ⅛” inlet at the center bottom of the bowl, the inlet that the stand pipe is attached to. The stand pipe keeps the water level from dropping below the top of the pipe when the pump is turned off. If you wish to use a light inside the bowl use the Cord Seal Fitting to run the electrical cord through a ⅛” male adapter on the other inlet at the bottom of the bowl.
- To use the 36” Copper Fountain Bowl with either the Round or the Square Spillway Bowls, install an Eco-Box reservoir with PV7000 Pump Vault so that the top of the Eco-Box is 6” below the existing grade. Locate the Eco-Box into the 36” Bowl will be centered on the reservoir. Grade area where the Spillway Bowl is to be installed to the same height as the top of Eco-Box, 6” below surrounding grade. Lay two 4 x 8 x 16 solid CMU blocks side by side 4” apart centered where the spillway is to be located. Install ⅞” MIPT by slip elbow in the center inlet of the Spillway Bowl, using Teflon tape. Install ⅞” MIPT by slip elbow in the center inlet of the 36” Copper Fountain Bowl, using Teflon tape. Set the 36” Copper Fountain Bowl on top of an Atlantic Eco-Rise plumbing riser. The Eco-Rise will provide enough room for a ⅛” line from the center of the 36” Copper Fountain Bowl to the pump vault. Plumb TT4000 pump in a PV7000 Pump Vault with 2” Sch 40 PVC Flex Pipe, using a 90” elbow to exit pump vault. Install a 2” Tee Fitting and two ⅛” reducing bushings. Install one ⅛” line with one ⅛” valve from the Tee to the elbow under the 36” Copper Fountain Bowl, passing through the Eco-Rise. Install the second ⅛” line with a second ⅛” valve to the bottom of the Spillway Bowl, passing through the 9” pedestal supporting the Spillway Bowl. Adjust the flow to the Spillway Bowl by closing the valve to the 36” Copper Fountain Bowl.
TECHNICAL DATA

FORMAL SPILLWAY

STAINLESS STEEL & COPPER FINISH SPILLWAYS
- Spillways are sized to exactly replace 4" tall block
- Load bearing capacity of Spillways is 80 lbs. per linear foot
- Heavier water sheer of Spillways allows taller waterfall height of up to four feet above basin level
- 304 Stainless Steel is not compatible with chlorinated or salt water pools
- 316 Stainless Steel Spillways are for use wherever chlorine is used as a disinfecting agent

LIGHTING OPTIONS:
- Because the water flow coming out of the Spillways is not laminar, they cannot be lit from within like Colorfalls and Wall Spouts
- To illuminate Spillways, either uplight by placing a Ring Light directly below the falls or downlight by installing wall lights below the Spillway

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 the spout against 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 light the laminar flow of water coming out of a wall spout, install an 1½" tee fitting to supply water to the fixture fitted with a 1½" x 1" threaded bushing to accept a Warm White or Color Changing Spout Light
- With a minimum of 600 gallons per hour flow, the light will be fully encapsulated within the water illuminating the stream as it travels down to the basin

WATERWALL SPILLWAY
- WaterWall Spillway over top of framed wall leaving 2" for concrete backer board and fascia
- Liner should cover framing and extend at least 18" to either side of WaterWall
- Bottom of liner must overlap edge of pump basin or reservoir
- Use ball valve on pump to adjust flow

LIGHTING OPTIONS:
- Two Spotlights submerged at either corner of reservoir with over cast light to dance over Waterwall enhancing movement of water

TECHNICAL DATA

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 21 and 22

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

Tip: Plumb directly into the back center of each unit. Plumbing multiple Colorfalls unevenly favoring one side will produce an uneven water sheer.

REMOTE CONTROL FEATURES:

REMOTE CONTROL FUNCTIONS
- On Button: Touch and release to turn the lights on. Touch for two seconds to switch between Color Wheel and Preset Light 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)

PRESET LIGHT CHANGING MODES
- Continuous full spectrum fade change
- 7 color jump change
- Red-Green-Blue dimmer change
- Solid Crystal White
- Solid Red
- Solid Green
- Solid Blue
- Solid Aqua
- Crystal White fade on/off
- Solid Yellow
- Flashing Red
- Flashing Green
- Flashing Blue
- Red-Green-Blue jump change
- Flashing Red and Blue

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-synced 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.
   - If the Colorfalls blinks three times and stops, the remote and control unit are synchronized.
   - If the Colorfalls blinks six or more times, it is clearing all codes. Repeat steps 1-3.
**TECHNICAL DATA**

**COPPER SPILLWAY BOWLS**

The Copper Fountain and Spillway Bowls have a thin lacquer coating to prevent unwanted tarnishing but will develop a natural dark patina over time. The original bright copper finish may be maintained or restored with a good quality non-abrasive copper cleaner, such as Twinkle. Apply as needed according to manufacturer’s recommendations. Do not use where copper polish may affect fish.

**FORMAL SPILLWAY AND FLEXIBLE BASIN INSTALLS**

![Colorfalls with Formal Spillway Basin](image1)

![Spillway with Formal Spillway Basin](image2)

![Wall Spout with Flexible Hardscape Basin](image3)

**FORMAL SPILLWAY PLUMBING CONFIGURATIONS**

![Multiple Colorfalls Installation in Custom Basin](image4)

![Multiple Spillways with Formal Spillway Basin](image5)

![Multiple Spillway Installation in Custom Basin](image6)

**CALCULATING BASIN VOLUME**

**ECO-BLOX RESERVOIRS**

Upon start-up, the pump draws water from the reservoir to fill the streambed, from top to bottom, until the water overflows back into the reservoir to complete the cycle. We call the amount of water needed to complete this cycle the ‘transitional’ water volume. If the reservoir is too small, or the streambed built improperly, the water level in the reservoir can drop below the top of the pump before cycling, leading to pump overheating and damage. We can calculate the transitional water volume, then design the reservoir to hold at least three times as much, so the water level in the reservoir never drops by more than one-third when the pump is turned on, keeping the pump safely submerged at all times.

Assuming that it will take about 3" or 0.25 ft. of water to fill the stream and get the system recirculating, we can calculate the transitional volume, minimum reservoir volume and Eco-Blox quantity by using the formulas below:

\[
\text{Transitional Volume} = \text{Avg. Depth} \times \text{Avg. Length} \times \text{Avg. Width}
\]

\[
\text{Transitional Volume} \times 3 = \text{Minimum Reservoir Volume}
\]

\[
\text{Minimum Reservoir Volume} \div 4.2 = \text{Number of Eco-Blox to fill Reservoir}
\]

**FOR LARGER BASIN VOLUMES**

For installations where a larger basin volume 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.

**WATER DEPTH CONVERSIONS**

- 1" deep = 0.08’
- 2" deep = 0.16’
- 3" deep = 0.25’
- 4" deep = 0.33’
- 5" deep = 0.42’
- 6" deep = 0.50’

**ROCK & GRAVEL CALCULATIONS**

**GRAVEL-FILLED RESERVOIRS**

Because Eco-Blox are 96% void space, they allow the reservoir to be dug to just the size required for the water volume needed. Backfilling with gravel fills 65% of the reservoir with stone, leaving only the 35% that remains between the stones available for water storage. This means that a gravel-filled basin will need to be three times larger than an Eco-Blox basin to hold the same volume of water. That’s a lot more time, excavation, additional soil removed, additional gravel to fill the hole, labor costs and cleanup:

\[
\text{Minimum Reservoir Volume} \div 3 = \text{Transitional Volume (when filled with gravel)}
\]

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

- Tons of Boulders = 1.5 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

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 SURFACE AREA

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 spanning in the skimmer before the water levels equalize. This would result in the pump starving 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 get the system cycling, the stream surface area should be half of the pond surface area or less. Follow guidelines for proper Streambeded Construction.

SIZING & CALCULATIONS

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

- Pond Liner Length = Max. Length of Excavation + (2 x Maximum Depth) + 2’
- Pond Liner Width = Max. Width of Excavation + (2 x Maximum Depth) + 2’
- Stream Liner Length = Max. Length of Stream + 4’
- Stream Liner Width = Max. Width of Stream + 4’

APPROXIMATE VOLUME OF WATER IN POND IN GALLONS:

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

APPROXIMATE GALLONS OF WATER IN A STREAM:

- Total Gallons in Stream = Average Length x Average Width x Average Depth x 75

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

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

QUANTITY OF BOULDERS AND GRAVEL FOR A STREAM:

- Tons of Boulders = 1.5 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

Stream Liner Width = Max. Length of Stream + 4’

Stream Liner Length = Max. Width of Excavation + (2 x Maximum Depth) + 2’

Pond Liner Width = Max. Length of Stream x Average Width of Stream x 2 = Minimum Area of Pond

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

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

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

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

TECHNICAL DATA

PLACEMENT OF THE FILTERFALLS AND SKIMMER:

TECHNICAL DATA

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 underwater, 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>
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<td>8” x 11”</td>
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<td>1</td>
<td>5</td>
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<td>11” x 16”</td>
<td>12</td>
<td>2</td>
<td>7</td>
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<td>16” x 21”</td>
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<td>3</td>
<td>15</td>
<td>30</td>
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<tr>
<td>21” x 26”</td>
<td>21</td>
<td>5</td>
<td>25</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Stream per 10’</td>
<td>3 - 6</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
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

= 750 GPH PER FOOT
= 1500 GPH PER FOOT
= 2250+ GPH PER FOOT

2. DETERMINE FRICTION LOSS:
2.1 FIND TUBING SIZE & FRICTION

Find the dark blue cell in the row 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 the system. 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.

TECHNICAL DATA

PUMP

CHART A
FRICITION LOSS PER FOOT OF TUBING

<table>
<thead>
<tr>
<th>FLOW (GPH)</th>
<th>½˝</th>
<th>⅜˝</th>
<th>⅝˝</th>
<th>1˝</th>
<th>1¼˝</th>
<th>1½˝</th>
<th>2˝</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>0.10</td>
<td>0.07</td>
<td>0.06</td>
<td>0.05</td>
<td>0.04</td>
<td>0.03</td>
<td>0.02</td>
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<tr>
<td>200</td>
<td>0.20</td>
<td>0.14</td>
<td>0.12</td>
<td>0.10</td>
<td>0.09</td>
<td>0.08</td>
<td>0.07</td>
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<tr>
<td>300</td>
<td>0.30</td>
<td>0.22</td>
<td>0.19</td>
<td>0.17</td>
<td>0.16</td>
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<td>0.14</td>
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<tr>
<td>400</td>
<td>0.40</td>
<td>0.30</td>
<td>0.28</td>
<td>0.26</td>
<td>0.24</td>
<td>0.23</td>
<td>0.22</td>
</tr>
<tr>
<td>500</td>
<td>0.50</td>
<td>0.38</td>
<td>0.36</td>
<td>0.34</td>
<td>0.32</td>
<td>0.31</td>
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<tr>
<td>600</td>
<td>0.60</td>
<td>0.45</td>
<td>0.43</td>
<td>0.41</td>
<td>0.40</td>
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<tr>
<td>700</td>
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<td>0.48</td>
<td>0.47</td>
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<tr>
<td>800</td>
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<td>0.56</td>
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<td>0.54</td>
<td>0.53</td>
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<tr>
<td>900</td>
<td>0.90</td>
<td>0.67</td>
<td>0.65</td>
<td>0.63</td>
<td>0.62</td>
<td>0.61</td>
<td>0.60</td>
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<tr>
<td>1000</td>
<td>1.00</td>
<td>0.74</td>
<td>0.72</td>
<td>0.70</td>
<td>0.69</td>
<td>0.68</td>
<td>0.67</td>
</tr>
</tbody>
</table>

Example: GPH: 3000 Friction Loss: 0.05 Tubing: 2˝

CHART B
FRICITION IN EQUIVALENT FEET OF STRAIGHT PIPE

<table>
<thead>
<tr>
<th>PVC FITTINGS</th>
<th>FITTING SIZE</th>
<th>EQUIVALENT</th>
<th>FRICTIION CHART</th>
<th>FRICTIION HEAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Std Elbow, 90°</td>
<td>4.5°</td>
<td>10.0</td>
<td>5.5</td>
<td>4.5</td>
</tr>
<tr>
<td>Std Elbow, 45°</td>
<td>4.5°</td>
<td>10.5</td>
<td>5.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Male / Female</td>
<td>4.5°</td>
<td>10.0</td>
<td>5.5</td>
<td>5.0</td>
</tr>
<tr>
<td>Tee (Straight Thru)</td>
<td>2.5°</td>
<td>3.0</td>
<td>1.5</td>
<td>3.0</td>
</tr>
<tr>
<td>Tee (Tee Branch)</td>
<td>2.5°</td>
<td>3.0</td>
<td>1.5</td>
<td>3.0</td>
</tr>
<tr>
<td>Swing Check Valve</td>
<td>2.5°</td>
<td>4.0</td>
<td>2.5</td>
<td>4.0</td>
</tr>
</tbody>
</table>

Example: 6.5° [45° + 4.5° (Check Valve)] = 11° [Fitting Length in Feet]

4. CHOOSE YOUR TIDALWAVE PUMP

Find the Total Dynamic Head (TDH) at the top of CHART C, then find the pumps below that provide at least the Recommended Flow. Grey colored cells indicate that the TDH is outside the pump’s operating range and the pump will likely not last in this application. The light blue cells indicate the pump is operating within its operating range. Dark blue means the TDH is in the pump’s Best Efficiency Range, where the pump will run best and longest. If the chart gives you a choice of more than one pump, check for the type that best fits your application from the list below, then check for the lowest wattage, to save on operating costs.

- For Low Head, Low Volume applications, use Magnetic Drive Pumps (MD Series)
- For Low Head, High Volume applications, use Axial Pumps (L-Series) with 3” or larger tubing
- For Medium Head, Medium Volume, use Asynchronous Pumps (TT-Series)
- For High Head, High Volume Applications, use Direct Drive Pumps (A-Series)
- For Solids and Dirty Water applications, use Direct Drive Solids Handling Pumps (PAP and SH-Series)

COST TO RUN A PUMP

Figuring the hourly cost of operation of your pump is easy. Take what you pay per kilowatt per hour, multiply that by the wattage of the pump and divide by 1,000. For the monthly cost, multiply the hourly cost by 24, 24 hours per day times 30 days in a month. For more information, visit the College of Pumps in the Atlantic Water Gardens University, www.atlanticwatergardens.com/university.

Example: Electric costs $0.10/kW/hr, the pump draws 100 Watts, so $0.10/kW/hr x 100W/1000 = $0.01/hr x 720hrs/mo = $7.20/month

TECHNICAL DATA

MODEL | WATTS | MAX FLOW |
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>MD250</td>
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<tr>
<td>MD350</td>
<td>25</td>
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<tr>
<td>SH500</td>
<td>320</td>
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<tr>
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<td>1120</td>
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</tr>
<tr>
<td>PAP-20</td>
<td>360</td>
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<td>---</td>
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<td>L-305</td>
<td>1710</td>
<td>7380</td>
</tr>
<tr>
<td>L-310</td>
<td>1105</td>
<td>7560</td>
</tr>
</tbody>
</table>

COST PER HOUR = $ /kW/hr. x Watts ÷ 1000 = x 720 = COST PER MONTH

Example: Electric costs $0.10/kW/hr, the pump draws 100 Watts, so $0.10/kW/hr x 100W/1000 = $0.01/hr x 720hrs/mo = $7.20/month
TECHNICAL DATA

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 2 watt and 4 watt Spotlights and the Spout Light, unscrew the bezel by hand, remove the diode assembly, replace and retighten bezel. In every case, make sure silicone gasket is properly seated to avoid leaks.

2 WATT SPOTLIGHT:

SPOUT LIGHT:

4 WATT SPOTLIGHT:

HARDCAPSE LIGHT:

MAKING CONNECTIONS
The multi-strand 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 greatly 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.

CONNECTING FIRST AND SECOND GENERATION LIGHTING
All Atlantic Color Changing Lighting is fully forward and backward compatible. The new InfiColor Smart Module includes a pigtail adapter to connect to any Color Changing light, past or present. 5-pin Color Changing lights include an adapter plug to connect to 6-pin Color Changing Control Modules, Lights, Extensions and Splitters.

TO USE NEW LIGHTS WITH SOL COLOR CHANGING CONTROL MODULE
Use the 5-wire to 6-wire adapter plug included with every 5-wire Color Changing light. Apply dielectric grease, included with all lights, to the pins. Line up the keys, insert the plug and tighten threaded ring. Complete the tightening process by wiggling the connection and retightening the threaded ring 2-3 times until firmly seated.

TO USE SOL COLOR CHANGING LIGHTS WITH INFICOLOR SMART MODULE AND APP
Use the 5-wire to 6-wire pigtail adapter included with every InfiColor Smart Module and App. Apply dielectric grease, included with Module. Line up the key, insert the plug and tighten threaded ring. Complete the tightening process by wiggling the connection and retightening the threaded ring 2-3 times until firmly seated.

HOW TO CALCULATE WATTAGES & MAKE CUSTOM SETUPS
Although LED fixtures are inherently low wattage, there are limits to the number of lights that can controlled by a single Module. The InfiColor Smart Module provides 40 watts to each of three zones, and the zones may be linked to provide a total of 120 watts to a single synchronized group. Add up the wattage of each light, from the Catalog, the packaging, the instructions or the website, to find the total wattage of the group. The wattage shown is the highest wattage that the light will draw, rounded up to ensure Smart Module capacity is never exceeded.

There is also a limit to the length of any lighting run. Light cords and Extensions each measure 20' in length; up to two Extensions can be used between lights or Splitters. Do not exceed 80' between each light. Do not exceed 120' of total cord length between the farthest light and the Smart Module.

USING THE CORD SEAL FITTINGS TO PASS A LIGHT CORD THROUGH THE WATER SUPPLY LINE.
There may be times when the only way to run a light cord into a reservoir is to pass the cord inside the water supply plumbing. Atlantic’s Cord Sealing Fittings do just that, simply and easily. First, determine how to attach two Tee fittings to the supply plumbing, one on either side of the pass-through fitting that goes through the reservoir wall. Usually a Sch. 40 PVC 1-1/2” Tee is the preferred size, because the cord will not affect water flow in that large a supply line. Once the Tees are in place, pass the light cord through the Tees. Open the Cord Seal Fittings and insert the cord into each one, then tighten the fittings into the open legs of the Tees, snugging the cord between the fittings before fully tightening. Turn on water supply and check for leaks.
TECHNICAL DATA

INFICOLOR MOBILE APP

To Configure Zone Names and Timers

Click dropdown menu

Edit the names of the control module outlets or zones on the “Zone Settings” page. These zone names will be visible throughout the app. Each zone has an individual timer function to turn the zone on and off at set times. Click the “Save” button to save changes. A box will come up notifying the user the settings have been saved.

Click the “Back” button once you have completed configuration.

Color Tab

Use the Color tab to choose colors for the different zones using either the color wheel or the red, green and blue sliders at the bottom. Choose the brightness of the color by adjusting the slider. Select the color for each zone, or select multiple zones to change color at the same time.

Favorites Tab

The Favorites tab stores preset color changing sequences. Select one, two or all three zones. Choose a sequence of colors, then choose the transition between them, the speed of the sequence and the brightness.

Editing Favorites

The Edit button deletes stored Favorites you have created

Custom tab

The Custom tab allows you to create and store a custom color changing sequence. Move the red, green and blue sliders to choose a color, or select it from the color picker. Once you have decided on the color, click the “Plus” button to add it to the sequence. Repeat as necessary. Add up to 10 colors to a sequence. Once the sequence or solid color has been created it can be named and saved. The saved sequence will be available on the Favorites page.

TECHNICAL DATA

MAINTENANCE

SMALL POND AERATION:

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 thrives.

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.

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 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 depressor (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.

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 depressor (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

CONDITION: REVIVE BIOMAX+ QUICKCLEAR ECOSOLV ECOKLEAN CLARITYBLAST RECLAIM BIOMAX

NEW WATER GARDEN ● ●
WATER CHANGE ● ●
ADDING FISH ● ●
ELEVATED AMMONIA ● ●
MUDY / CLOUDY WATER ● ●
SUSPENDED ORGANICS ● ● ● ●
ATTACHED ORGANICS ● ● ●
SLUDGE ● ● ●
PLANT DEBRIS ● ● ● ●
FOUL ODOR ● ● ●

SMALL POND AERATION:

WINTER DIFFUSER PLACEMENT:

REPLACING DIAPHRAGMS IN AIR PUMPS

TA0400 & TA0800

• Remove the top cover housing for the air pump. Loosen the air chamber screws (1) and remove the outer air chamber (2).
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FOUL ODOR ● ● ●
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 for 2019. Atlantic introduces a collaborated APC Store with VistaPrint to provide you high-quality, customizable, print-on-demand marketing materials to help you promote your business. Products include postcards, brochures, door hangers and more. Effective September 1, 2018 – September 1, 2019 all APCs are eligible to sign up with their ADC for the Atlantic Pump Club for VISA Gift Card Awards. Prizes will be presented at the 2019 Atlantic Professional Conference.

- $500 after 25 pumps purchased, installed and registered
- $400 after 50 pumps purchased, installed and registered
- $1000 after 100 pumps purchased, installed and registered
- ADC will verify pump purchases

The Atlantic Professional Programs provides valuable, tangible benefits for both Contractors and Distributors. Under the full support and supervision of Atlantic Water Gardens, the Distributor-driven program reinforces the relationship between the Contractor and the Distributor, rather than the manufacturer. As the point of contact, the Atlantic Distributor Consultant becomes a valuable asset to Contractors and Dealers, assisting the Distributor in building meaningful long-term relationships with these customers. New for 2019 is the Monthly ADC Lunch Lottery. Monthly winner gets lunch for their APC and their crew or branch from Atlantic, must have at least 1 APC signed up to qualify.

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. Don’t forget to use the #AtlanticWaterGardens to tag us in your posts.

To access our high resolution product images, please log in to our website www.atlanticwatergardens.com to access images and other downloads we have available to your company. Log in is located on the right hand side of the page “Customer Log In”. Please contact Kendall Kreps or Ann Haas for login information.

To download images, in the top right hand corner of the website, (in the bright blue bar), you’ll see a link that is labeled “Download Files”. There you can download full product categories, or if you are looking for individual images, you can click on the links provided and you will be taken to that category folder and be able to select individual images.

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