



Floating Fountain Products

Thank you for your interest in our floating fountains. Attached are specifications and prices for floating fountains up to two horsepower. We also offer larger models in this series from five to fifteen horsepower that we configure and quote directly. Other catalogs we offer include aerators and sub-surface units.



If you were shopping for a car you would expect four tires and a steering wheel, but as floating fountains are somewhat unique, people do not always know what to look for. Some companies charge \$600 additional for electrical ground fault protection, a timer, and a photocell –items that are always standard with our products. When you compare “apples to apples” the quality and value of these products stand out.

A complete fountain consists of 1) a body assembly, cable, and electrical command center, 2) one of eight different spray pattern nozzles, and 3) optional lighting. We currently are offering the nozzle of your choice **free** with your order (excludes 3-tier nozzle). As these cost up to \$299 we wanted to make it easier for you to pick the spray pattern you really want, ...and save upwards of 16% as well!

The Mid series has been a proven performer, which is why we are excited to see the same technology available in the Compact series. These units use the same motor, pump and nozzle up to one hp, but in a smaller float body that can be shipped by UPS.

Please take a moment to review the feature list on the brochure. What you will find are products that address the major issues worth your consideration:

- Simple Light weight and easy to install
- Beautiful Low profile unobtrusive float (not bright blue!)
- Effective Turns over more than surface water
- Complete Includes ground fault protection and a timer
- Flexible Eight optional spray patterns – just interchange the nozzle
- Quality Non corrosive components
 - Foam filled float body (--it keeps floating!)
 - Easy to access intake screen
 - Uses the Franklin Stainless motor, available nationwide
 - Reliable light fixtures that relamp without frustration
 - Documentation and installation instructions

Please call us to discuss your selection. Atlantic Fountains has extensive experience with the design and installation of floating fountains and desires to supply the right product for your needs.

Floating Fountain Prices

Compact Series

Nozzles			
81191	Sky Cascade	\$ 215.00	A complete Compact Series requires a body assm & nozzle Example: 1/2 hp, 50 ft, no lights Tr Nozzle N/C Body \$1,599.00 Total \$1,599.00
81192	Heavy Water Sky Cascade	\$ 215.00	
81193	Grand Geyser	\$ 215.00	
81194	Arch	\$ 299.00	
81195	Trumpet	\$ 235.00	
81196	Wide Trumpet	\$ 235.00	
81197	Trumpet Jet	\$ 299.00	
81198	Trumpet Geyser	\$ 299.00	
8127-	3-Tier (not part of free nozzle offer)	\$ 599.00	

Body assembly/Cable/Command Center			
82765	1/2 hp 120 Volt 60Hz w/50 ft Cord	\$1,599.00	Example: 1/2 hp, 100 ft, w/lights Tr Nozzle N/C Body \$1,699.00 Lights \$ 699.00 Total \$2,398.00
82767	1/2 hp 120 Volt 60Hz w/100 ft Cord	\$1,699.00	
82776	3/4 hp 240 Volt 60Hz w/150ft Cord	\$2,599.00	
82778	1 hp 240 Volt 60Hz w/150 ft Cord	\$2,999.00	

Three Light Kit (Clear- 120 Watt x 3)			
88420	with 50 ft cord	\$ 599.00	Example: 1 hp Arch w/lights Nozzle N/C Body \$2,999.00 Lights \$ 799.00 Total \$3,798.00
88435	with 100 ft cord	\$ 699.00	
88475	with 150 ft cord	\$ 799.00	

Mid Series

(Nozzles are the same as the compact series and are priced from the above list)

Body assembly/Command Center		Cable cost (other lengths quoted)			
		Body	100'	150'	200'
82700	1/2 hp 120 Volt 60Hz	\$3,399.00	\$ 350.00	\$ 525.00	\$ 750.00
82711	3/4 hp 240 Volt 60Hz	\$3,859.00	\$ 350.00	\$ 525.00	\$ 700.00
82721	1 hp 240 Volt 60Hz	\$3,899.00	\$ 350.00	\$ 525.00	\$ 700.00
82731	1-1/2 hp 240 Volt 60Hz	\$3,959.00	\$ 350.00	\$ 525.00	\$ 700.00
82741	2 hp 240 Volt 60Hz	\$4,159.00	\$ 375.00	\$ 562.50	\$ 750.00

Three Light System w/mounting kit				
(3) 200W 120V PAR 46 UL list	\$1,055.50	\$ 350.00	\$ 525.00	\$ 750.00
(3) 300W 120V PAR 56 UL list	\$1,205.50	\$ 375.00	\$ 562.50	\$ 900.00
(3) 500W 120V PAR 56 Quartz, UL	\$1,355.50	\$ 375.00	\$ 562.50	\$ 900.00

Color Blender (6 or 9 lights only)	\$ 475.00
Artificial rock cover	\$ 589.00

Example: 2 hp system with Trumpet Jet, (3) 200W fixtures and 150 ft cables

Nozzle	N/C
Body	\$4,159.00
Body Cable	\$ 562.50
Lights	\$1,055.50
Light Cable	\$ 525.00
Total	\$6,302.00

Max Series

Max series fountains are configured and quoted as a package

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One free nozzle available only with order of body assembly



Floating Fountains and Aerators

Floating Fountains bring beauty and practical aeration to lakes and ponds. Atlantic Fountains is an engineering distributor for fountain products by Oase, offering many different floating fountain configurations and spray patterns.

There are three platforms each with an increasing range of horsepower. Each platform features one of nine interchangeable nozzles. This provides the ability to change the spray pattern in the future simply by attaching a different nozzle. All eight spray patterns are shown below, with dimensions for spray height and diameter.

The Compact series is appropriate for many residential applications. The Mid series spans both residential and commercial applications with horsepower to 2hp, and the ability to support up to nine higher wattage light fixtures with an optional color blender. The Max series from 5 to 15hp is primarily for commercial applications with its ability to produce a spray height in excess of 100 feet. All products draw water from much deeper depths than propeller style units.

Compact Series Features	Benefits
<ul style="list-style-type: none"> • 1/2hp, 3/4hp and 1hp models • Eight optional water patterns • Operates in as little as 3' of water. • Foam filled polyethylene float. • Stainless Steel water cooled motor • U.L. Listed GFCI Command Center • Standard 50', 100' or 150' cable • Optional (3) 150W light system • Convenient UPS shipping. • A circulation sleeve around the motor draws water from below the surface providing both effective aeration and extended motor life 	<ul style="list-style-type: none"> • Big performance at a small price • Minimal assembly required • Low maintenance operation • Deep circulation • Easily interchangeable water patterns allow for maximum flexibility and aesthetic value • Water cooled motor insures long life and eliminates potential oil in water • U.L. Listing insures that maximum safety precautions have been designed into the unit for years of worry-free operation.

Additional Features of Mid Series
<ul style="list-style-type: none"> • The same design benefits of the compact series • Available in up to 2 hp models for larger sprays • Operates in as little as 4' of water. • Custom cable lengths • Up to nine 200W, 300W, or 500W lights • Color blender controls are available



Mid Series Colors:
Clear, Red, Blue, Green, Amber, Light Red, Turquoise



Compact Series 1/2-1 hp, three 150W fixtures



Mid Series 1/2-2 hp, up to nine 200, 300 or 500W fixtures

Pictures and Specifications

COMPACT & MID SERIES PERFORMANCE SPECIFICATIONS						
Nozzle /Platform		1/2 HP 115v Either	3/4 HP 230v Either	1 HP 230v Either	1 1/2HP 230v Mid Only	2 HP 230v Mid Only
SKY CASCADE	HEIGHT	12'	16'	18'	21'	25'
HEAVY WATER SKY CASCADE	HEIGHT	8'	10'	12'	15'	18'
GRAND GEYSER	HEIGHT DIAMETER	8' 4'	10' 4'	12' 5'	15' 6'	18' 6'
ARCH	HEIGHT DIAMETER	8' 13'	10' 16'	12' 18'	15' 19'	18' 24'
TRUMPET	HEIGHT DIAMETER	4' 10'	5' 15'	6' 16'	8' 18'	8' 25'
WIDE TRUMPET	HEIGHT DIAMETER	3.5' 16'	4' 18'	5' 20'	6' 25'	6' 35'
TRUMPET JET	HEIGHT DIAMETER	8' 10'	10' 13'	12' 15'	14' 16'	18' 20'
TRUMPET GEYSER	HEIGHT DIAMETER	8' 10'	10' 13'	12' 15'	14' 16'	18' 20'



Sky Cascade



Heavy Water Sky Cascade



Grand Geysier



Arch



Trumpet



Wide Trumpet



Trumpet Jet



Trumpet Geysier

Floating Fountains and Aerators

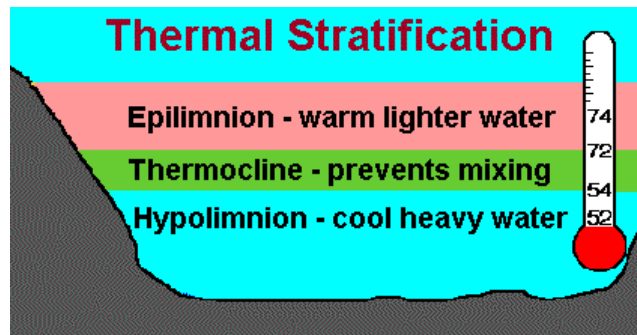
Selection and Installation Planning

It is a simple fact of life that few products are perfectly matched to every task. Fountains will aerate and aerators can look nice, so begin by considering whether aeration or appearance has the greater weight for you. In this report we endeavor to cover a number of real issues but cannot touch upon them all. We have had substantial experience with the products on the market and can help you make a wise selection.

Floating units disperse water through the air, increasing droplet surface area and dissolved oxygen (DO). Another benefit is increased circulation that gets the DO where it will do some good. Circulation can break up layers of thermal stratification and reduce fish kills from seasonal pond thermal inversions.

Aerators are practical, but are not a fix for all water quality problems. Increased DO will help aquatic life and aerobic bacteria that decompose sludge while increased circulation can separate algae from food sources.

Horsepower selection depends on many factors. A rough guide is "one hp per acre" but this does not take into account lake depth and shape. Often two smaller units at each end will do a better job than one "big gun" in the center of an elongated lake.



Units with a motor and surface propeller are usually called aerators. These can move more water per horsepower than centrifugal pumps, but: 1) Due to low-pressure operation will distribute it over a smaller surface area. 2) May not draw deep water to reduce stratification. 3) The propeller at the surface can be noisy or subject to ice damage in the winter.

Centrifugal and mixed flow pumps take up the middle ground of flow and pressure, with high-pressure turbine pump designs used to generate most patterns higher than thirty feet. Be sure the product you select provides the features and long-term flexibility you desire.

Appearance and circulation are tied together. A vertical plume is simple and classic, achieving the greatest height the pump can deliver, but the water falls back to the pump intake producing minimal circulation. A wide fan pattern is better for circulation but may be hidden if your lake level is a few feet below the bank. A combination center and horizontal spray or arch pattern can be a good compromise. Models with interchangeable nozzles allow selecting a spray pattern to suit personal taste, but also allow seasonal selection of a pattern for best decorative or aeration effect.

The large expanse of a lake usually means that pattern height is unlimited. Large fountains in some locations will benefit from wind controls. Atlantic Fountains manufactures wind and animation control panels, and has designed floating fountains that change spray shape and color by computer control.

Low profile float bodies in muted colors are usually more desirable than a bright blue doughnut. Artificial rock shrouds that collect scum in summer and ice in winter are not recommended. Products that use separate pump and light cables will be much easier to upgrade, diagnose and repair over the years.

White light is the most effective, as a clear lens passes 97% of light from a fixture. Other figures are amber, light-red and turquoise: 50%, red: 33%, and blue and green: under 15%. This should be considered in selecting colors for fountains in areas of high ambient light (e.g. restaurant or miniature golf course ponds) or in mixing colors so that certain shades are not washed out. Good choices for systems with color blenders include amber/light-red/turquoise for brightness, or red/green/blue for saturation.

Installation/Maintenance

Floating fountains range from compact units that can be shipped by UPS, through huge designs that need power equipment to install. Ease of installation and maintenance is affected by product design, but also be sure that your lake and shoreline depths are workable with what you select.

Any unit that is not a “blender” for fish and sticks will have intake screening. This must be cleaned as needed with a stiff bristle toilet brush, so consider the ease of access. Yes, even products advertised as “Maintenance Free” really refer (in their fine print) to motor service only. Fortunately cleaning needs are seasonal with little attention needed during colder months when organic material in the lake is lower.

A floating fountain is held in place either by shoreline ropes, or by ropes tied to anchors such as concrete block. Shoreline ropes allow you (or anyone else) to pull the unit to shore, so most residential and almost all public installations use the anchor approach, requiring a boat for light fixture relamping or cleaning.

Your fountain requires a ground fault interrupting circuit breaker (GFCI) on the pump and light circuits (unless they operate below 15 Volts from a pool-listed transformer). GFCI protection is essential and must be supplied by the user unless provided for in the manufacturers control panel. Many companies leave out GFCI protection, timers and photocells to “low-ball” the price of the fountain and shift the cost into what you must provide. As engineers we appreciate that the equipment you or your electrician could supply is perfectly fine, but as realists we must stress that a complete warranted system from a single source has less potential headaches. It is unfortunate, but we frequently find installations where the installer did not know the difference between a neutral and a ground. (If it runs it must be OK, right?). This is why the major manufacturers in the industry will not sell a floating fountain without a panel.

Your GFCI protection should be located near to shore. This is to your benefit to reduce the length of underwater cable to the fountain. Your underwater cable is similar in cost to the feeder your electrician must trench in the ground to the shore. The difference is that your feeder is installed once, while the underwater cable is subject to replacement if attacked by turtles or muskrats! Shorter GFCI protected runs also reduce the possibility of nuisance tripping.

A conduit sleeve from the pond to your GFCI panel allows the cables to be pulled into place and attached. This sleeve is typically 1-1/4" for single cables (fountains without lights) or 1-1/2" and up for fountains with multiple cables. Be generous with the diameter, because a few years down the road when the conduit is filled with mud you may need to pull the cable back out.

Disclaimer: Electric installations must comply with the National Electric Code. Atlantic Fountains is not responsible for direct or consequential damages arising from the use of this information.

