

# **BRINGING WATER TO LIFE**

FULL LINE CATALOG



### **BRINGING WATER TO LIFE**

Awareness of water quality management has never been higher. In our environmentally conscious world, today's successful aquatic managers are making aeration equipment the foundation of their aquatic management programs. Their goal is to increase the dissolved oxygen level, which stimulates the natural clean up process, resulting in an aesthetically pleasing, healthy body of water.

Aeration is a natural, environmentally-safe and highly effective water quality management tool. It addresses a wide range of water quality problems, including algae build-up, aquatic weeds, bottom sludge, foul odors, insect infestation, and stagnation in lakes and ponds.

With thousands of successful projects around the world, we know you'll be pleased with your AquaMaster® Fountains and/or Aerators product performance. Our Commitment to Excellence in designing, building and delivering Superior Aquatic Management Systems is the key to your success.

Choose the Industry Leader for quality and dependable Fountains and Aerators for all your aquatic requirements.

# "Commitment to Excellence"

Our Mission

At AquaMaster® Fountains and Aerators, we design and build the highest quality equipment for the care and improvement of aquatic environments. We are committed to providing the highest level of service and assistance to our customers. We are equally committed to our employees to whom we will provide an environment where they will have the maximum opportunity to grow and to prosper.



### **PERFORMANCE**

All AquaMaster® products are built to exacting standards. Tested, listed and/or certified in house by the following independent agencies: Underwriters Laboratories (UL an cUL), CE, St. Anthony Falls Laboratory at the University of Minnesota.



# WORLDWIDE SALES & DISTRIBUTION NETWORK

Authorized factory trained sales and service distributors to provide support.



# EXPEDIENT PRODUCTION LEAD TIMES

½ HP Masters Decorative Series: 3 - 5 days Masters Series 1 - 5½ HP: 4 - 6 days Masters Grand Series 7.5 HP: 10 - 14 days Galaxy Select Series 10 - 25 HP: 14-25 days Fixed Base Water Features: 10 - 14 days Horizontal Masters Series: 5 - 7 days AquaAir Ultra: 2 - 3 daysSolar AAU: 10 - 14 days Custom Orders: TBD



### **EASE OF INSTALLATION**

All products are designed with superior installation features requiring minimum assembly.



### **COMPETITIVELY PRICED**

Highest quality design, fabrication, performance, and support for your dollar.



### **FACTORY SUPPORT**

Committed staff to assist in sales, service, installation, engineering, marketing, and any other areas of need.



# **VISIT OUR WEBSITE**

AquaMasterFountains.com



# Get to know AquaMaster®.

Explore our website and find more information about our company and our products. Have more questions? Reach out to one of our sales staff!

They would be happy to help.







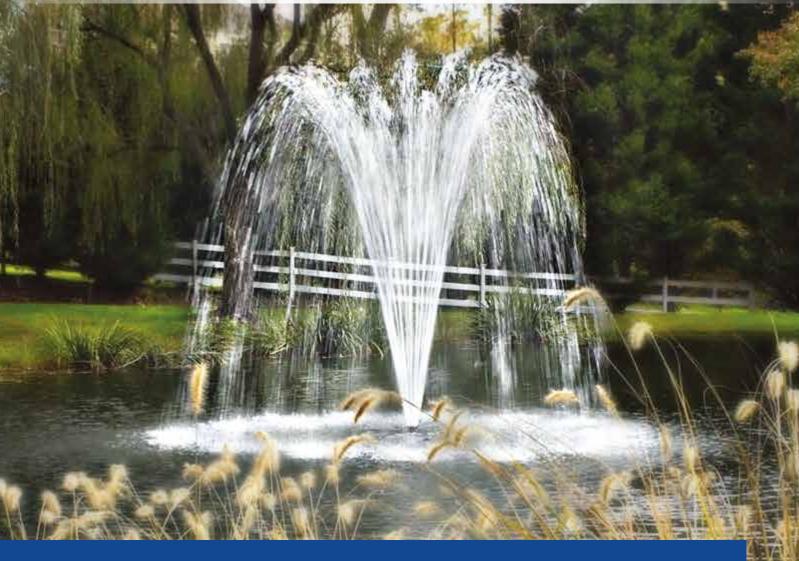


28 **MASTERS SERIES® HIGH PERFORMANCE DIFFUSED 2 -** Spray Patterns AQUAAIR® ULTRA SERIES **3 -** Basic Flow Fountains 29 - Lake & Pond Benefits 4 - Straightened Flow Fountains **30 -** Pumpage vs Air Flow **7 -** Adjustable Straightened Flow Fountains **31 -** Design 8 - Design **32** - Performance Specs & Sizing Guide 09 34 1/2 HP MASTERS SOLAR POWERED AQUAAIR® **DECORATIVE SERIES ULTRA SERIES** 10 - Fountains 35 - Solar Aquaair® Ultra **11 -** Panels 11 - Design **12** 36 **NIGHT GLOW GALAXY SELECT® SERIES** 13 - Fountains **LIGHTING SYSTEMS** 15 - Design **37 -** LED **38 -** RGBW 16 40 **MASTER GRAND® SERIES** LAND MASTER LANDSCAPE 17 - Fountains **LIGHTING** 19 - Design **41 -** Encompass 400 **42 -** Accessories **43** 20 **ACCESSORIES & ELECTRICAL FIXED BASE WATER 43 -** Addresser **FEATURE FOUNTAINS** 43 - Wind Control Module 21 - Available Models **44 -** Other Accessories 23 - Design 24 45 **HIGH PERFORMANCE** WATER MANAGEMENT 45 - Water Management **AERATION SYSTEMS** 47 - Pond Sizing Charts 25 - Volcano II



**26 -** Volcano III **27 -** Design





# **MASTERS SERIES®**

These revolutionary fountains are available in a wide variety of spray patterns. All Masters Series® nozzles are interchangeable and provide you with the ability to change spray patterns. A flow straightener may be required. This flexibility gives you the power to create dazzling waterscapes while improving water quality.

Masters Series® are high quality fountains that are designed to perform and built to last. Available in over 30 beautiful spray pattern choices. Sizes range from 1 to 5 HP in a variety of single phase and three phase voltages at both 60 Hz and 50 Hz. All models (excuding 50 Hz) are shipped as packages. Packages include fountain, control panel, and specific lengths of underwater rated power cable. Masters Series® are UL, cUL and CE listed for safety and backed by superior factory warranties.

# **MASTERS SERIES SPRAY PATTERNS**

### **BASIC FLOW PATTERNS (BFP)**

This group of patterns are easily interchanged with each other to create a variety of patterns.























# STRAIGHTENED FLOW PATTERNS (SFP)

This group includes patterns utilizing flow straightener technology and are easily interchanged with each other.

































# ADJUSTABLE STRAIGHTENED FLOW PATTERNS (ASFP)

This group of patterns dimensions can be easily adjusted by the turning of the lock nut assembly. Patterns are interchangeable with any Straightened Flow Pattern.













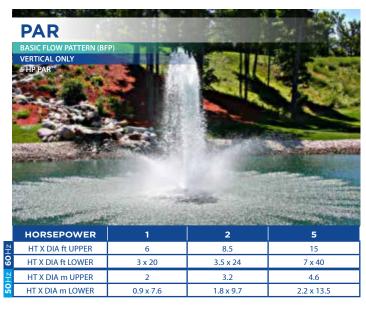




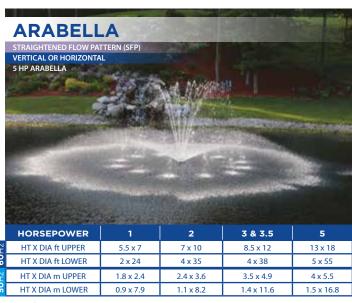












Site conditions may affect pattern dimensions



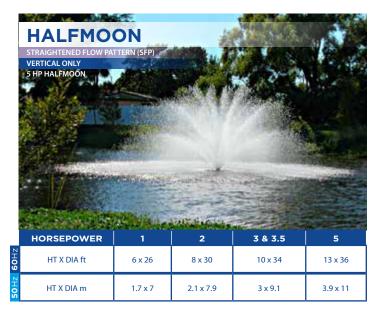




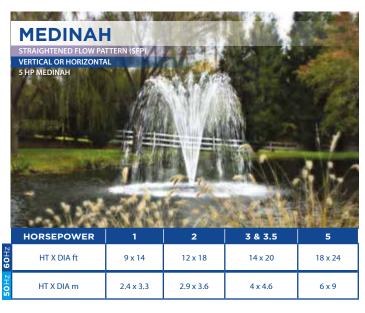


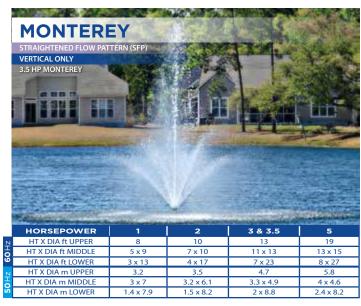


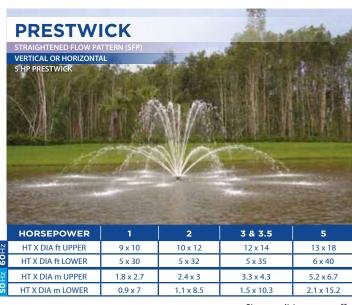










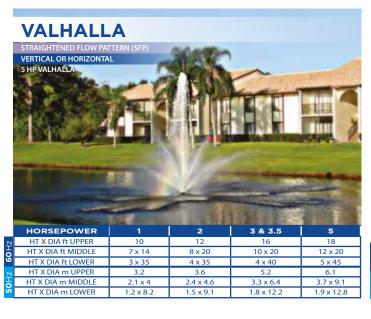




Site conditions may affect pattern dimensions





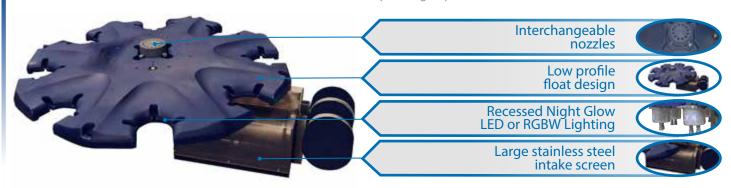






# **MASTERS SERIES® DESIGN TYPES**

### 1 - 5 HP HORIZONTAL DESIGN 16" minimum operating depth



### 1 - 5 HP STANDARD VERTICAL DESIGN 3ft minimum operating depth





### **DOMESTIC**

1-5 HP: 5 Years Parts and Labor

### **INTERNATIONAL**

1-5 HP: 5 Years Parts and 1 Year Labor

Warranties subject to change. Please contact AquaMaster® for most current warranties.





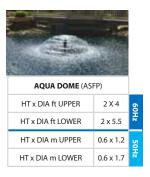
# **MASTERS DECORATIVE SERIES®**

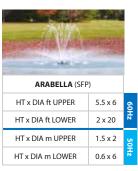
The Masters Decorative Series® is a  $\frac{1}{2}$  HP Masters Fountain with a Classic LE float. This allows the user to get the performance of a Masters Series® fountain at a lower cost. All existing  $\frac{1}{2}$  HP Masters Series® patterns are available on the Decorative Series. Fountains are available in 120V 1PH and 208-240V 1PH. Packages are UL listed for safety and backed by superior factory warranties.



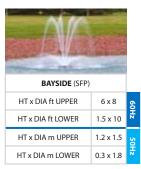
# 1/2 HP MASTERS DECORATIVE SERIES

# **Specifications** -



































PRESTWICK (SF	P)	
HT x DIA ft UPPER	8 x 8	6
HT x DIA ft LOWER	3 x 25	60Hz
HT x DIA m UPPER	1.4 x 2	50
HT x DIA m LOWER	0.9 x 6.1	50Hz

V		
REFLECTION (ASI	FP)	
HT x DIA ft UPPER	5 x 7	60Hz
HT x DIA ft LOWER	2 x 20	Σ
HT x DIA m UPPER	1.2 x 1.5	50Hz
HT x DIA m LOWER	0.3 x 4.3	Ξ

	')	FIRESTONE (SFF
	8.5	HT ft UPPER
60Hz	5 x 10	HT x DIA ft MIDDLE
	2 x 14	HT x DIA ft LOWER
	1.8	HT m UPPER
50Hz	1.2 x 1.4	HT x DIA m MIDDLE
	0.4 x 3	HT x DIA m LOWER

	A	RIVIERA (SFP)			
	11	HT ft UPPER			
60Hz	7.5 x 10	HT x DIA ft MIDDLE			
	4.5 x 14	HT x DIA ft LOWER			
	3.3	HT m UPPER			
50Hz	2.2 x 3	HT x DIA m MIDDLE			
	1.4 x 4.3	HT x DIA m LOWER			

	V		
	VALHALLA (SFF	P)	
НТ	ft UPPER	8	
HT x D	IA ft MIDDLE	6 x 12	60Hz
HT x [	DIA ft LOWER	3 x 25	
НТ	m UPPER	3.5	
HT x D	IA m MIDDLE	1.2 x 2.7	50Hz
HT x C	DIA m LOWER	0.5 x 5.5	

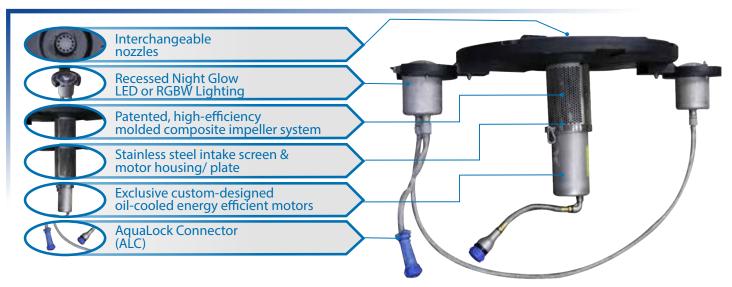
### **Panel:**

- 50' cable lengths
- 11W or RGBW Lights





# 1/2 HP MASTERS DECORATIVE SERIES DESIGN





### **DOMESTIC**

1/2HP: 5 Years Parts and Labor 1/2HP: Control Panel 3 Years

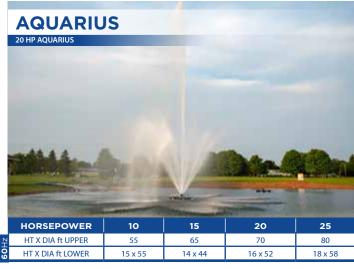


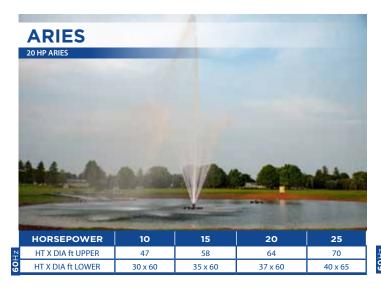


# **GALAXY SELECT® SERIES**

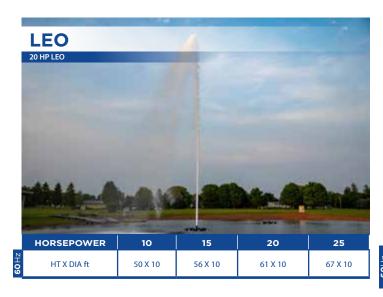
Created for the 10 HP - 25 HP fountains, the Galaxy Select ® now offers more competitive pricing and comparative units with the extras that make AquaMaster® worth the buy! Patterns are cleaner, heights are higher, and new features provide a value proposition that will pay off big for you and your customers and the unit is completely UL approved!

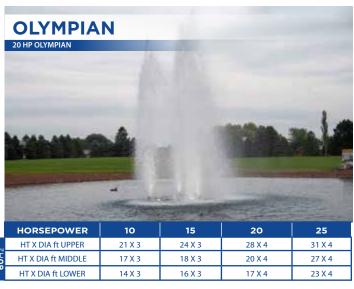




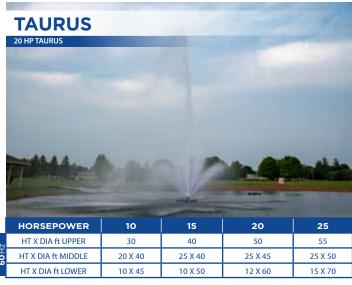












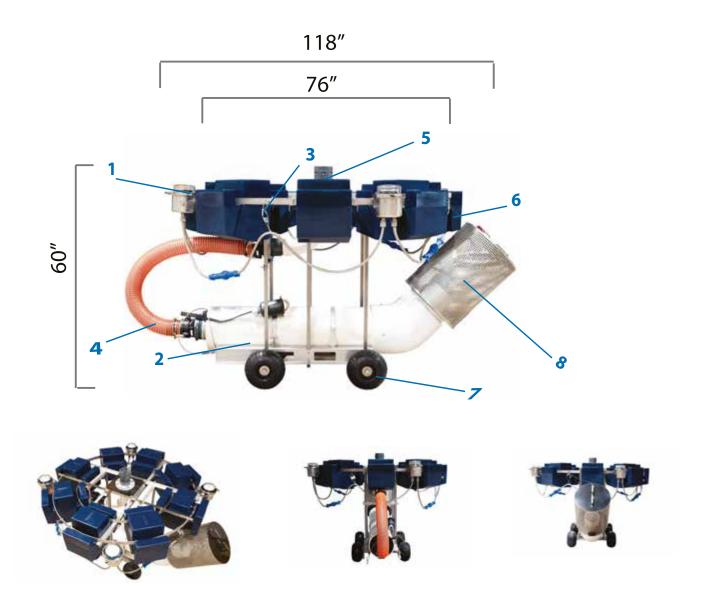




### **DOMESTIC**

10 - 25 HP: 4 Years Parts and Labor \*3 years on 10HP 1 phase systems

# **GALAXY SELECT® SERIES DESIGN**



### Galaxy Select® Series

- 1 Tool Less Series 316 Stainless Steel Light Bracket
- **2 -** Non-servicable, Oil Free, Water Cooled Motor with all Stainless Steel Pump Assembly
- 3 360° Available Tie Down Area
- **4 -** Removable Discharge Tube and Intake Screen for Compact Storage

- **5** Interchangeable Nozzles-Threaded and Tethered
- **6** Removable Float Assembly for Easy Access to the Motor/Pump Assembly
- **7** Easy Rolling Wheels with a Solid Axle
- **8 -** Twist Locking Screen for Tool Less Removal for Cleaning with Double Handles

Minimum Operating Depth 62"





# **MASTERS GRAND® SERIES**

AquaMaster® has incorporated the new float design created for our Volcano III Series into the redesign of our 7.5 HP units now named the Masters Grand Series. AquaMaster® is bringing quality back with this new line along with enhanced "on site" maintenance!





HT x DIA m LOWER









HT ft UPPER
HT & DIA m UPPER

HT x DIA m LOWER

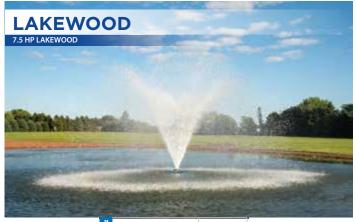
3.2 x 8.5

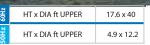
2.4 x 18.3





HT X DIA ft UPPER 15.6 x 42  HT x DIA ft LOWER 10 x 65  HT ft UPPER 7.8  HT & DIA m UPPER 3.5 x 12.2  HT x DIA m LOWER 1.9 x 18.3		HT ft UPPER	29
HT x DIA ft LOWER 10 x 65  HT ft UPPER 7.8  HT & DIA m UPPER 3.5 x 12.2	50Hz	HT X DIA ft UPPER	15.6 x 42
HT & DIA m UPPER 3.5 x 12.2	Ĭ	HT x DIA ft LOWER	10 x 65
		HT ft UPPER	7.8
HT x DIA m LOWER 1.9 x 18.3	50Hz	HT & DIA m UPPER	3.5 x 12.2
		HT x DIA m LOWER	1.9 x 18.3







HT x DIA ft UPPER

4.9 x 12.2



# MASTERS GRAND SERIES WARRANTY

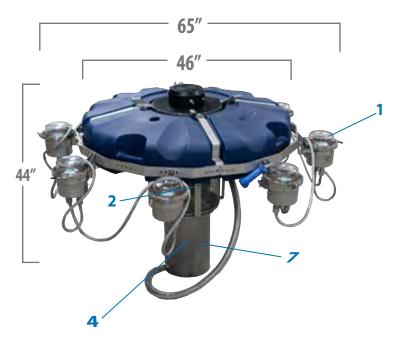
### **DOMESTIC**

7.5 HP: 4 Years Parts and Labor

**INTERNATIONAL** 

7.5 HP: 3 Years Parts and 1 Year Labor

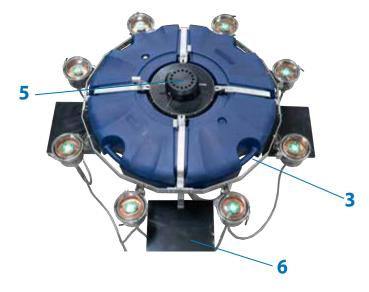
# MASTER GRAND® SERIES DESIGN



**Masters Grand Series** 

- 1 Tool Less 316 stainless steel bracket
- 2 Patented, high efficiency composite impeller system
- 3 Handles on float/tie downs
- **4 -** Exclusive custom designed oil-cooled energy efficient motors with 316 stainless steel motor housing, top plate and shaft

- **5** Interchangeable twist-lock nozzles
- **6 -** Optional stabilizers to help reduce float rocking
- **7-** Minimum operating depth 4ft.
- **8 -** Removable (without tools) large capacity, rigid 18 gauge series 316 stainless steel intake screen



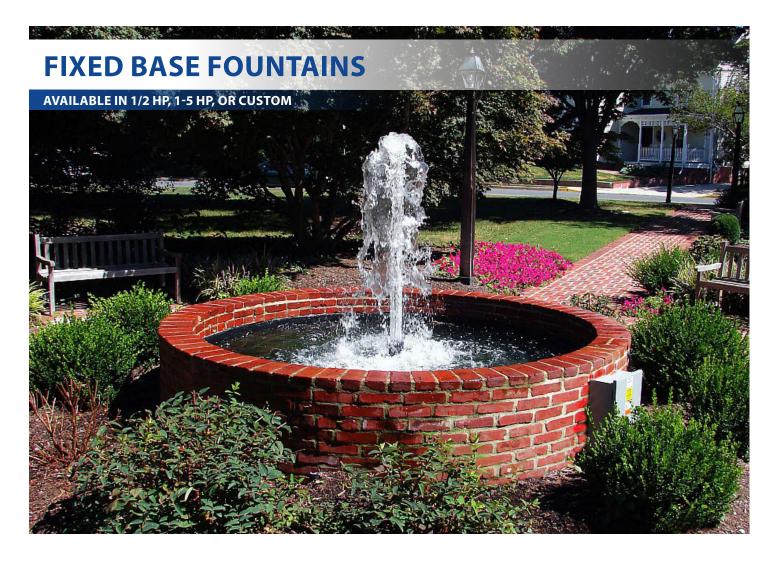


Site conditions may affect pattern dimensions



# **FIXED BASE WATER FEATURE FOUNTAINS**

An elegant and convenient option for many waterscape designs can be AquaMaster's® Fixed Base Water Feature Fountains. Designed for smaller water features and pond applications. Fixed Base Water Feature Fountain equipment adds beauty easily and economically. All of our Fixed Base Water Feature Fountains are constructed from stainless steel and utilizes Master's Series® floating fountain spray patterns.



# AQUAMASTER FIXED BASE FOUNTAINS

# 1/2 HP

Our ½ HP models are available in 120 volt and 240 volt configurations.

# 1 to 5 HP

All of our Fixed Base Fountains are constructed from stainless steel and utilize Masters Series® floating fountain nozzle patterns.



Site conditions may affect pattern dimensions









### **DOMESTIC**

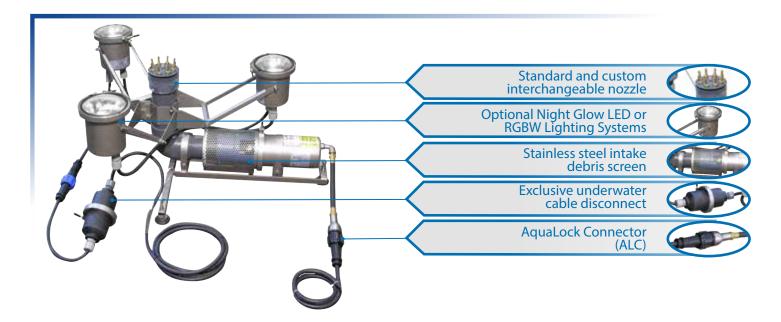
1/2 HP: 5 Years Parts and Labor1 - 5 HP: 5 Years Parts and Labor

### **INTERNATIONAL**

1/2 HP: 2 Years Parts and 1 Year Labor 1 - 5 HP: 3 Years Parts and 1 Year Labor

Warranties subject to change. Please contact AquaMaster® for most current warranties.

# FIXED BASE FOUNTAIN DESIGN



# **Fixed Base Fountain Features**

- Available horizontally or vertically mounted
- 1/2 HP models available in 120 and 240 volt
- 1 to 5 HP models available in single and three phase, all voltages, with panel
- No special piping or vault required
- Select from nozzles in Masters Series®
- Waterline depth and basin dimensions required



# **OPERATING DEPTH**

Operating Depth must be Specified as Vertical and Horizontal Mounting is Available.

	HORSEPOWER	DEPTH	MOUNTING
꿒	½ HP	15 - 25"	Horizontal
0	½ HP	26" & above	Vertical
9	1 - 5 HP	18 - 35"	Horizontal
	1 - 5 HP	36" & above	Vertical

	HORSEPOWER	DEPTH	MOUNTING
¥	½ HP	38.1 - 63.5 cm	Horizontal
20	½ HP	66 cm & above	Vertical
Ŋ	1 - 5 HP	45.7 - 88.9 cm	Horizontal
	1 - 5 HP	91.4 cm & above	Vertical

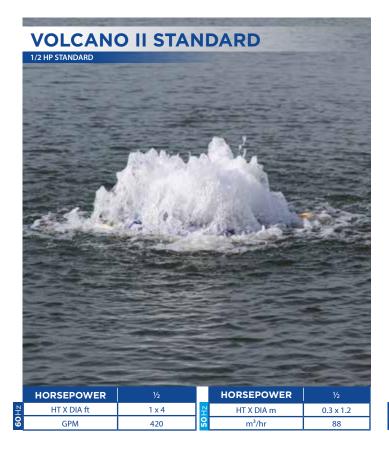


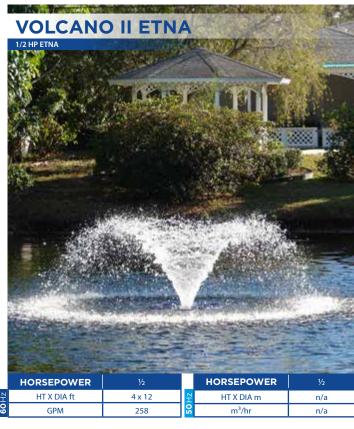


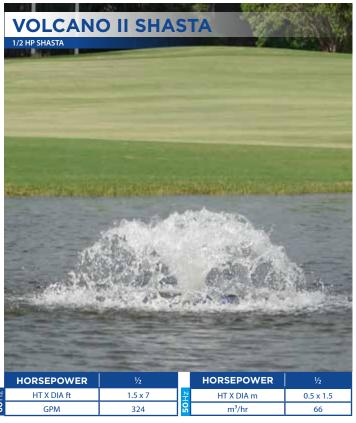
# HIGH PERFORMANCE AERATION SYSTEMS VOLCANO II & III

The perfect choice when a high performance, lower profile, floating surface aerator is desired. Volcano II and Volcano III Aeration Series produce astonishing aeration results due to their high GPM pumping rates and oxygen transfer capabilities.

# **VOLCANO II-**







### 1/2 HP VOLCANO II KEY FEATURES

- · Available in 120V & 240V single phase
- Easily installed, similar to Floating Fountain Aerators
- Only requires two feet of operating depth
- Works in deeper depths with optional float mounted deep water intake
- Quality stainless steel components
- Night Glow LED or RGBW Lighting Systems available
- Creates a fluid boil effect, resulting in maximum pumping rates and O<sub>2</sub> transfer



### **DOMESTIC**

1/2 HP: 3 Years Parts and Labor

### **INTERNATIONAL**

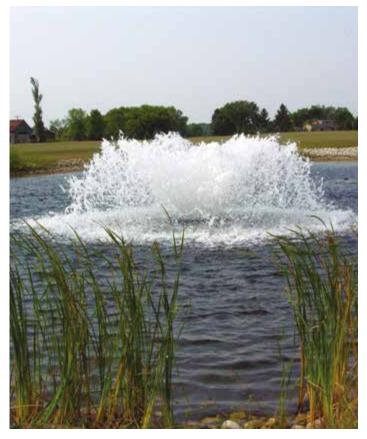
1/2 HP: 2 Years Parts and 1 Year Labor

Warranties subject to change. Please contact AquaMaster® for most current warranties.

# **VOLCANO III –**







### **VOLCANO III KEY FEATURES**

- Handles / tie downs on float
- Only requires three feet of operating depth
- One float for 1.5 5.5 HP units
- Robust frame
- Quality 316SS components
- Precision balanced stainless steel prop
- Adjustable light bracket accommodates one of two different sized light housings
- Custom biodegradable oil-cooled, energy efficient, servicable motors
- UL, cUL listed and CE approved



### **DOMESTIC**

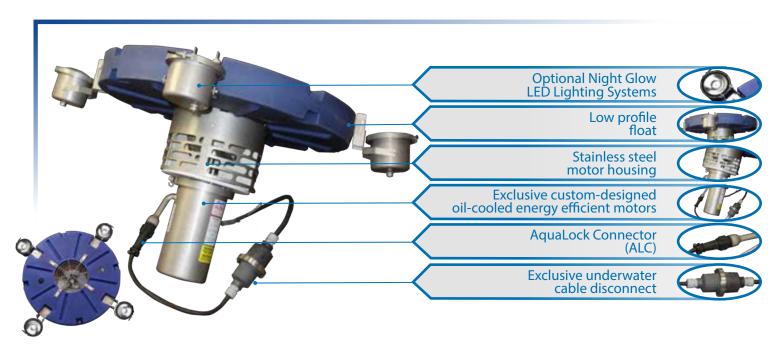
1.5 - 5.5 HP: 5 Years Parts and Labor

### **INTERNATIONAL**

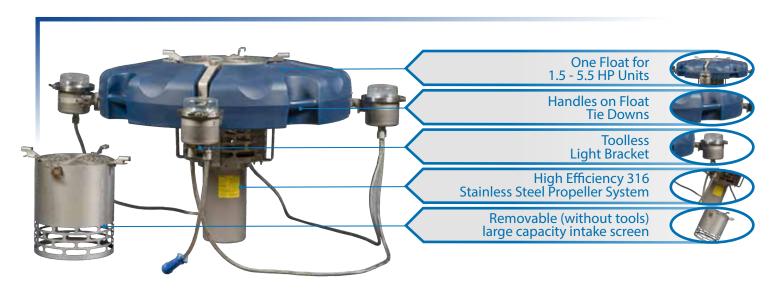
1.5 - 5.5 HP: 3 Years Parts and 1 Year Labor

Warranties subject to change. Please contact AquaMaster® for most current warranties.

# 1/2HP VOLCANO II DESIGN



# **VOLCANO III DESIGN**



The perfect choice when a high performance, lower profile, floating surface aerator is desired. Volcano III Aeration Series produce astonishing aeration results due to their high GPM pumping rates and oxygen transfer capabilities.



# HIGH PERFORMANCE DIFFUSED AQUAAIR® ULTRA SERIES

AquaAir® Ultra provides ponds and lakes with superior aeration, circulation, and destratification. Dissolved oxygen (DO) levels are increased throughout the entire water column with the use of bottom-mounted diffusers. The diffusers employ a super fine micro-bubble technology resulting in the highest diffuser oxygen transfer rate (OTR) available today. The micro-bubbles draw water from the pond floor to the surface where atmospheric oxygen is absorbed and then transferred throughout the water column. Additionally, this process provides excellent deterrence to thermal stratification (layers of different temperature within the water).

The diffusers are connected to a revolutionary design enclosure containing one of four compressor sizes—by self-weighted Super Sink air supply tubing. System sizes range from 1/3 to 2 HP with one to twelve diffusers.

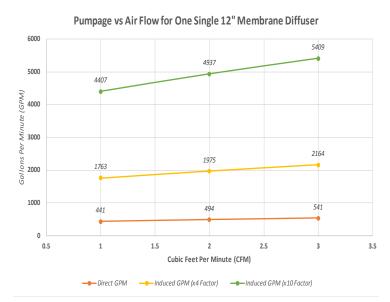
# AQUAAIR® ULTRA AquaAir® Ultra provides ponds & lakes with superior aeration, circulation, and destratification. A stainless steel, base mounted enclosure containing up to four compressors delivers the highest air flow rates available. Service is made easy by "tool-less" compressor removal. Weighted Super Sink air tubing supplies air flow to the diffusers while remaining unseen and un-obstructive on the pond bottom. Coated, anti-fouling diffuser membranes utilize micro-bubble technology to synergistically lift water from the pond bottom to the surface where atmospheric oxygen transfer occurs and a subsequent, oxygen enhanced, beneficial circulation is created. AquaAir® Ultra is backed by a 3 year warranty on compressors.

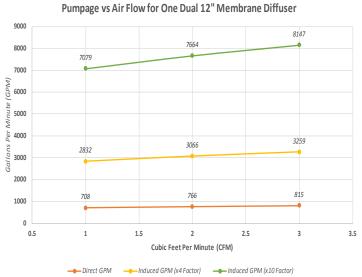
# LAKE AND POND BENEFITS

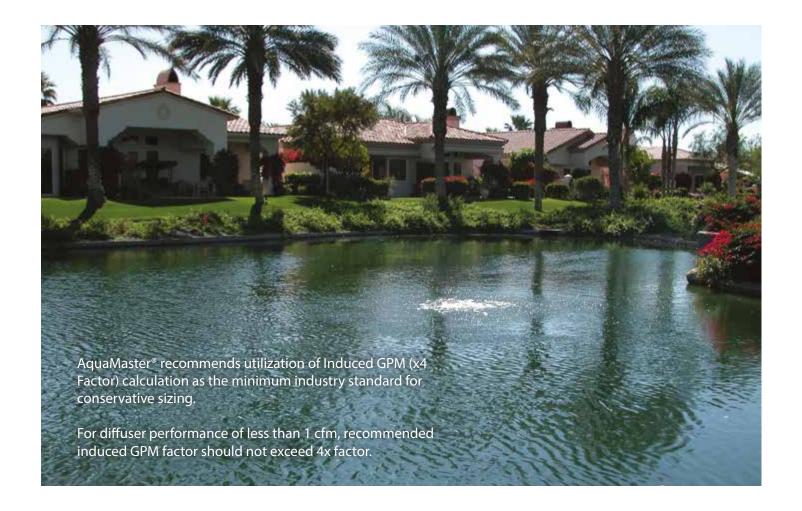
- Entire water column circulation
- Elimination of thermal stratification
- Increased dissolved oxygen levels that stimulate the natural aerobic digestion process thus reducing nutrient levels and associated algal growth
- Elimination of oxygen related fish kills and expansion of the oxygenated habitat and ecosystem
- Reduction of mosquito and aquatic midge infestations
- Elimination of foul odors from undesirable gases
- · Reduction of organic bottom sediment
- Preservation of a healthy aquatic ecosystem and an aesthetically pleasing aquascape to view and enjoy through improved water quality



# **PUMPAGE VS AIR FLOW**







# **AQUAAIR® ULTRA SERIES DESIGN**



# HIGH PERFORMANCE MEMBRANE DIFFUSER TECHNOLOGY

- · Hollow base design for sand or gravel weighting
- · Large base area for soft bottom sediment
- Self-cleaning, low maintenance construction
- Ultra low back pressure check valve
- Micro-bubble technology
- Five year warranty (Diffusers)
- Single membrane features flexible 12" disc
- Dual membrane features two flexible 12" membrane discs
- Optional weighted diffuser base available



# **COMPRESSORS**

- 1/3 HP Single Piston Compressor, 120V & 240V Single Phase
- ½ HP Dual Piston Compressor, 120V & 240V Single Phase
- Thermal overload motor protection
- 3 Year Warranty on Compressors



# **COMPRESSOR ENCLOSURES**

- Heavy-duty cooling fan circulates air around compressor
- Stainless steel hasp latch with padlock included
- Stainless steel cover and hardware
- Green, Brown, & White color options available
- Ease of internal accessibility
- Limited lifetime warranty (cooling fan 3 year warranty)
- Outside Dimensions including overhang of cover
   AAU 1-3 17" L x 15" W x 16.25" H; on a 24" x 24" HDPE Base
   AAU 4-6 21" L x 17" W x 16.25" H; on a 24" x 24" HDPE Base
- Outside Dimensions including overhang of cover & external manifold housing

  AAU 7-12 28.75" L x 24.13" W x 18" H; on a 24" x 24" HDPE Base



# **SUPER SINK AIR TUBING**

- Flexible, will not crack or kink even in cold temperatures
- Self-weighted for easy installation and quick sinking
- Sizes available: 1/2" (.58" ID x 1.06" OD) in 100ft, 200ft, & 500ft roll lengths
- Utilizes PVC insert fittings for guick connections
- 15 year warranty



Stainless Steel Enclosure - Limited Lifetime 9" Diffuser Assembly - 5 Years Electrical Components - 1 Year Weighted Tubing - 15 Years Compressor & Cooling Fan - 3 Years

\*\* Pistons are considered "Wear Items" and are not covered under the Factory Warranty\*\*

# **60 Hz - AQUAAIR® ULTRA PERFORMANCE SPECIFICATIONS**

System	# of Diffusers	Cabinet Size	Compressor(s)	Total Amp Draw	Total Air Flow	Air Flow per Diffuser
AquaAir® Ultra 1	1	Small	(1) ⅓ HP	3 - 3.8A @ 120V* 1.1 – 1.5A @ 240V**	2.4 CFM	2.4 CFM
AquaAir® Ultra 2S	2	Small	(1) ⅓ HP	3 - 3.8A @ 120V* 1.1 – 1.5A @ 240V**	2.4 CFM	1.2 CFM
AquaAir® Ultra 2	2	Small	(1) ½ HP	3.5 - 5A @ 120V* 1.7 – 2.5A @ 240V**	5 CFM	2.5 CFM
AquaAir® Ultra 3	3	Small	(1) ½ HP	3.5 - 5A @ 120V* 1.7 – 2.5A @ 240V**	5 CFM	1.7 CFM
AquaAir® Ultra 3 High Flow	3	Medium	(2) ½ HP	7 - 10A @ 120V* 3.4 – 5A @ 240V**	10 CFM	3.3 CFM
AquaAir® Ultra 4S	4	Small	(1) ½ HP	3.5 - 5A @ 120V* 1.7 – 2.5A @ 240V**	5 CFM	1.25 CFM
AquaAir® Ultra 4	4	Medium	(2) ½ HP	7 - 10A @ 120V* 3.4 – 5A @ 240V**	10 CFM	2.5 CFM
AquaAir® Ultra 5	5	Medium	(2) ½ HP	7 - 10A @ 120V* 3.4 – 5A @ 240V**	10 CFM	2 CFM
AquaAir® Ultra 5 High Flow	5	Large	(3) ½ HP	10.5 - 15A @ 120V*** 5.1 – 7.5A @ 240V**	15 CFM	3 CFM
AquaAir® Ultra 6	6	Medium	(2) ½ HP	7 - 10A @ 120V* 3.4 – 5A @ 240V**	10 CFM	1.7 CFM
AquaAir® Ultra 6 High Flow	6	Large	(3) ½ HP	10.5 - 15A @ 120V*** 5.1 – 7.5A @ 240V**	15 CFM	2.5 CFM
AquaAir® Ultra 7	7	Large	(3) ½ HP	10.5 - 15A @ 120V*** 5.1 – 7.5A @ 240V**	15 CFM	2.1 CFM
AquaAir® Ultra 8S	8	Medium	(2) ½ HP	7 - 10A @ 120V* 3.4 – 5A @ 240V**	10 CFM	1.25 CFM
AquaAir® Ultra 8	8	Large	(3) ½ HP	10.5 - 15A @ 120V*** 5.1 – 7.5A @ 240V**	15 CFM	1.9 CFM
AquaAir® Ultra 8 High Flow	8	Large	(4) ½ HP	14 - 20A @ 120V**** 6.8 – 10A @ 240V**	20 CFM	2.5 CFM
AquaAir® Ultra 9	9	Large	(3) ½ HP	10.5 - 15A @ 120V*** 5.1 – 7.5A @ 240V**	15 CFM	1.7 CFM
AquaAir® Ultra 9 High Flow	9	Large	(4) ½ HP	14 - 20A @ 120V**** 6.8 – 10A @ 240V**	20 CFM	2.2 CFM
AquaAir® Ultra 10	10	Large	(4) ½ HP	14 - 20A @ 120V**** 6.8 – 10A @ 240V**	20 CFM	2 CFM
AquaAir® Ultra 11	11	Large	(4) ½ HP	14 - 20A @ 120V**** 6.8 – 10A @ 240V**	20 CFM	1.8 CFM
AquaAir® Ultra 12	12	Large	(4) ½ HP	14 - 20A @ 120V**** 6.8 – 10A @ 240V**	20 CFM	1.7 CFM

CFM = Cubic Feet per Minute (Air Flow)

\*15 Amp Service, NEMA 5-15 Plug \*\*\*20 Amp Service, NEMA 5-20 Plug \*\*15 Amp Service, NEMA 6-15 Plug \*\*\*\*30 Amp Service, NEMA 5-30 Plug

<sup>\*</sup> A pond's surface acreage is determined by multiplying its length in feet by its width in feet then dividing that total by 43,560. A pond's actual shape and depth should be considered when selecting a system.

points actual shape and appropriate or constant a men selecting a system					
System	Suggested Pond Size (surface acreage*)	Operating Depths			
AquaAir® Ultra 1	Up to ½ Up to 1	4' – 12' 13' – 35'			
AquaAir® Ultra 2S	Up to ⅓	4' – 8'			
AquaAir® Ultra 2	Up to 1 Up to 2	4' – 12' 13' – 35'			
AquaAir® Ultra 3	Up to 1½ Up to 3	4' – 12' 13' – 35'			
AquaAir® Ultra 3 High Flow	Up to 2 Up to 4	4' – 12' 13' – 35'			
AquaAir® Ultra 4S	Up to 1	4' – 8'			
AquaAir® Ultra 4	Up to 2 Up to 4	4' – 12' 13' – 35'			
AquaAir® Ultra 5	Up to 2.5 Up to 5	4' – 12' 13' – 35'			
AquaAir® Ultra 5 High Flow	Up to 3 Up to 6	4' – 12' 13' – 35'			
AquaAir® Ultra 6	Up to 3 Up to 6	4' – 12' 13' – 35'			

### **SYSTEM SIZING GUIDE**

System	Suggested Pond Size (surface acreage*)	Operating Depths
AquaAir® Ultra 6 High Flow	Up to 3.5 Up to 7	4' – 12' 13' – 35'
AquaAir® Ultra 7	Up to 3.5 Up to 7	4' – 12' 13' – 35'
AquaAir® Ultra 8S	Up to 2	4' – 8'
AquaAir® Ultra 8	Up to 4 Up to 8	4' – 12' 13' – 35'
AquaAir® Ultra 8 High Flow	Up to 4.5 Up to 9	4' – 12' 13' – 35'
AquaAir® Ultra 9	Up to 4.5 Up to 9	4' – 12' 13' – 35'
AquaAir® Ultra 9 High Flow	Up to 5 Up to 10	4' – 12' 13' – 35'
AquaAir® Ultra 10	Up to 5 Up to 10	4' – 12' 13' – 35'
AquaAir® Ultra 11	Up to 5.5 Up to 11	4' – 12' 13' – 35'
AquaAir® Ultra 12	Up to 6 Up to 12	4' – 12' 13' – 35'

## **50 Hz - AQUAAIR® ULTRA PERFORMANCE SPECIFICATIONS**

System	# of Diffusers	Cabinet Size	Compressor(s)	<b>Total Amp Draw</b>	Total Air Flow	Air Flow per Diffuser
AquaAir® Ultra 1	1	Small	(1) ⅓ HP	0.7 – 1.2A @ 220V	0.06 CMM	0.06 CMM
AquaAir® Ultra 2S	2	Small	(1) ⅓ HP	0.7 – 1.2A @ 220V	0.06 CMM	0.03 CMM
AquaAir® Ultra 2	2	Small	(1) ½ HP	1.4 – 2.0A @ 220V	0.12 CMM	0.06 CMM
AquaAir® Ultra 3	3	Small	(1) ½ HP	1.4 – 2.0A @ 220V	0.12 CMM	0.04 CMM
AquaAir® Ultra 3 High Flow	3	Medium	(2) ½ HP	2.8 – 4.0A @ 220V	0.24 CMM	0.08 CMM
AquaAir® Ultra 4S	4	Small	(1) ½ HP	1.4 – 2.0A @ 220V	0.12 CMM	0.03 CMM
AquaAir® Ultra 4	4	Medium	(2) ½ HP	2.8 – 4.0A @ 220V	0.24 CMM	0.06 CMM
AquaAir® Ultra 5	5	Medium	(2) ½ HP	2.8 – 4.0A @ 220V	0.24 CMM	0.05 CMM
AquaAir® Ultra 5 High Flow	5	Large	(3) ½ HP	4.2 – 6.0A @220V	0.36 CMM	0.07 CMM
AquaAir® Ultra 6	6	Medium	(2) ½ HP	2.8 – 4.0A @ 220V	0.24 CMM	0.04 CMM
AquaAir® Ultra 6 High Flow	6	Large	(3) ½ HP	4.2 – 6.0A @220V	0.36 CMM	0.06 CMM
AquaAir® Ultra 7	7	Large	(3) ½ HP	4.2 – 6.0A @220V	0.36 CMM	0.05 CMM
AquaAir® Ultra 8S	8	Medium	(2) ½ HP	2.8 – 4.0A @220V	0.24 CMM	0.03 CMM
AquaAir® Ultra 8	8	Large	(3) ½ HP	4.2 – 6.0A @220V	0.36 CMM	0.045 CMM
AquaAir® Ultra 8 High Flow	8	Large	(4) ½ HP	5.6 – 8.0A @220V	0.48 CMM	0.06 CMM
AquaAir® Ultra 9	9	Large	(3) ½ HP	4.2 – 6.0A @220V	0.36 CMM	0.04 CMM
AquaAir® Ultra 9 High Flow	9	Large	(4) ½ HP	5.6 – 8.0A @220V	0.48 CMM	0.053 CMM
AquaAir® Ultra 10	10	Large	(4) ½ HP	5.6 – 8.0A @220V	0.48 CMM	0.048 CMM
AquaAir® Ultra 11	11	Large	(4) ½ HP	5.6 – 8.0A @220V	0.48 CMM	0.044 CMM
AquaAir® Ultra 12	12	Large	(4) ½ HP	5.6 – 8.0A @220V	0.48 CMM	0.04 CMM

CMM = Cubic Meters per Minute (Air Flow)

#### **SYSTEM SIZING GUIDE**

\* A pond's surface acreage is determined by multiplying its length in meters by its width in meters then dividing that total by 10,000. A pond's actual shape and depth should be considered when selecting a system.

System	Suggested Pond Size (Ha)	Operating Depths
AquaAir® Ultra 1	Up to 0.2 Up to 0.4	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 2S	Up to 0.2	1.2 – 1.9m
AquaAir® Ultra 2	Up to 0.4 Up to 0.8	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 3	Up to 0.6 Up to 1.2	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 3 High Flow	Up to 0.8 Up to 1.6	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 4S	Up to 0.4	1.2 – 1.9m
AquaAir® Ultra 4	Up to 0.8 Up to 1.6	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 5	Up to 1 Up to 2	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 5 High Flow	Up to 1.2 Up to 2.4	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 6	Up to 1.2 Up to 2.4	1.2 – 3.7m 4.0 – 10.7m

System	Suggested Pond Size (Ha)	Operating Depths
AquaAir® Ultra 6 High Flow	Up to 1.4 Up to 2.8	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra7	Up to 1.4 Up to 2.8	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 8S	Up to 0.8	1.2 – 1.9m
AquaAir® Ultra 8	Up to 1.6 Up to 3.2	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 8 High Flow	Up to 1.8 Up to 3.6	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 9	Up to 1.8 Up to 3.6	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 9 High Flow	Up to 2 Up to 4	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 10	Up to 2 Up to 4	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 11	Up to 2.2 Up to 4.4	1.2 – 3.7m 4.0 – 10.7m
AquaAir® Ultra 12	Up to 2.4 Up to 4.8	1.2 – 3.7m 4.0 – 10.7m





Solar AquaAir® Ultra (SAAU) aeration systems are powered by the sun, backed up with battery banks for 24 hour per day operation. These systems are manufactured with the same benefits & features of the AquaMaster® AquaAir® Ultra aeration product line, utilizing robust components requiring minimal maintenance. SAAU systems provide superior aeration, circulation, and de-stratification of water bodies. Perfect for installation in ponds and lakes located in remote areas with no power source, the SAAU provides the ultimate in year round environmentally friendly aeration. A solar powered brushless 24 volt piston compressor supplies compressed air via .58" weighted Super Sink air tubing to the diffuser(s) located unseen on the pond bottom. Diffuser membranes utilizing microbubble technology synergistically lift water from the pond bottom to the surface where atmospheric oxygen transfer occurs and a subsequent, oxygen enhanced, beneficial circulation is created.

## SOLAR AQUAAIR® ULTRA SYSTEM KEY FEATURES

- 9" Dia High Performance Membrane Diffuser(s)
- Polycrystalline Solar Panel(s)
- Top Pole Mount Kit, Angle Adjustable \*\*Mounting Pole not included\*\*
- Stainless Steel Compressor/Battery Enclosure
   SAAU2 28.8"L x 24.2"W x 18.0"H; 24"x24" HDPE Base
- 24V Single Head Piston Compressor
- Digital Charge Control System
- Quality Maintenance Free Batteries
- 90cfm Enclosure Cooling Fan
- 1/2" (.58" ID x 1.06" OD) Super Sink Air Tubing
- Adjustable Flow Control Needle Valves

### **LAKE AND POND BENEFITS**

- Environmentally Friendly Solar Powered
- Entire Water Column Circulation
- Stabilization of Thermal Stratification
- Increased Dissolved Oxygen Levels
- Eliminates Oxygen Related Fish Kills
- Reduces Mosquito & Aquatic Midge Infestations
- Reduces Foul Odors from Gases
- Reduces Organic Bottom Sediment
- Preserves a Healthy Aquatic Ecosystem



Stainless Steel Enclosure - Limited Lifetime Weighted Tubing - 15 Years 9" Diffuser Assembly - 5 Years Solar Panel Assembly - 5 Years Compressor & Cooling Fan - 3 Years Batteries & Electrical Components - 1 Year

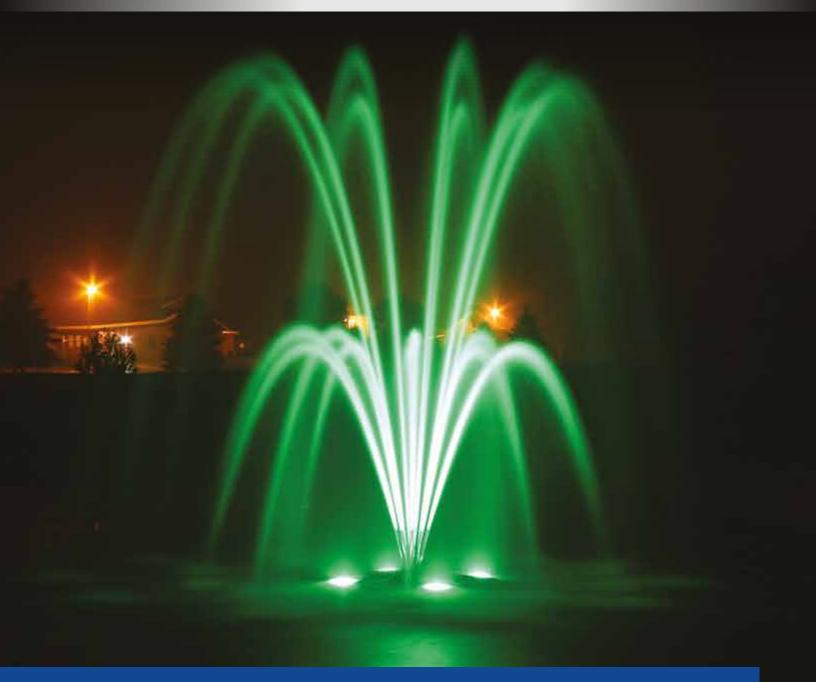
\*\*Pistons are considered "Wear Items" and are not covered under the Factory Warranty\*\*



## PERFORMANCE SPECIFICATIONS

Model #	Diffuser Qty	Solar Panels Qty	Batteries Qty	CFM @ 5psi	CFM Per Diffuser	Days of Battery Back-Up Power	Pond Sizing (surface acre*)	Operating Depths
SAAU2								
96202	2	2	4	1 /	0.70	~3.0	Up to 1/2	4' to 10'
90202	2	2	4	1.4	0.70	~5.0	Up to 1	10' to 35'
96203	3	2	4	1.4	0.46	~3.0	Up to 3/4	4' to 15'
96204	4	2	4	1.4	0.35	~3.0	Up to 1	4' to 15'





# **NIGHT GLOW LIGHTING SYSTEMS**

AquaMaster® products are even more dramatic at night with the addition of a Night Glow LED or RGBW Lighting System. LED and RGBW lighting reduces power consumption, increases brightness and runs cooler using copper heat sink delivering a higher luminous efficacy—More light, less heat. All AquaMaster® Fountains and Aerators Lighting is compliant with the Energy Independence and Security act of 2007.

## 11 WATT LED

The 11W LED light from AquaMaster® Fountains and Aerators offers a color diode board assembly LEDs in cool white, warm white, red, green, blue, and amber. Colored lenses are replaced with brilliant dedicated color LEDs eliminating any color washout. The 11W LED reduces power consumption, increases brightness and runs cooler using copper heat sink delivering a higher luminous efficacy—More light, less heat.

#### 11 Watt LED Features

- · 3 year warranty
- Low operating cost
- Stainless steel fixtures, brackets, and shielded jumper cables
- Simple underwater power cable connector (Aqua Lock Connector – ALC)
- Available in 120V & 220V
- UL Listed
- Cool White: 1000 lumens
- Warm White: 775 lumens
- · Red: 350 lumens
- · Green: 650 lumens
- Blue: 150 lumens
- Amber: 250 lumens
- Color Temperature: 5000K (Cool), 3000K (Warm)
- Rated Life: 40,000 hours

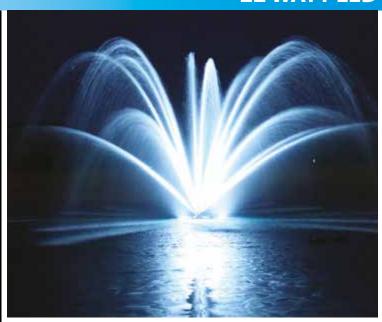


## 22 WATT LED

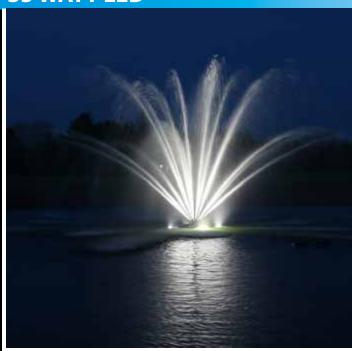
This 22W LED model is more efficient, provides greater light output, and produces a brilliant white generated by a specific diode board.

#### 22 Watt LED Features

- 3 year warranty
- Low operating cost
- Stainless steel fixtures, brackets, and shielded jumper cables
- Simple underwater power cable connector (AquaLock Connector – ALC)
- Available in 120V & 220V
- Cool White: 1900 lumens
- Color Temperature: 5000K
- Rated Life: 40,000 hours



## 35 WATT LED



AquaMaster® Fountains and Aerators supplies a 35W LED light. The intensity of these lights is equal to approximately one 500 watt incandescent light bulb. Built for performance, AquaMaster's® 35W LED light lasts longer and with lower operating costs than a halogen bulb. It is versatile enough to operate at 90 – 305 VAC making it perfect for both 120v and 220v hookups.

#### 35 Watt LED Features

- Available in 120V and 220 V
- 3 year warranty including LED lamps
- SS submersible fixtures w/SS braided fixture jumper cables
- Aqua Lock Connector (ALC) Included
- UL Listed
- Standard 14 ga. Cable
- Cool White: 3900 lumens
- Warm White: 3645 lumens
- Red: 510 lumens
- Green: 1710 lumens
- Blue: 400 lumens
- Amber: 205 lumens
- Color Temperature: 5000K (Cool), 3000K (Warm)
- Rated Life: 40,000 hours

## **20 & 40 WATT RGBW**



AquaMaster® Fountains and Aerators proudly supplying programmable, color changing fountain lighting to its Night Glow Lighting System offering. These new RGBW LED lighting systems consist of the option for 20W or 40W fixtures, panel mounted controller and power supply that produce brilliant colors and shows. Customizable programming to meet color, show type, and holiday events available.

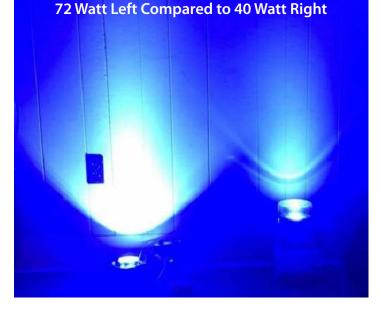
#### 20 & 40 Watt RGBW Features

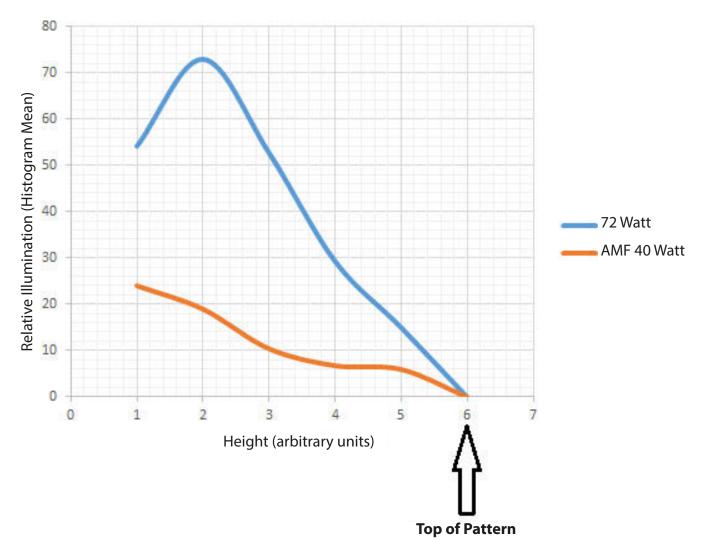
- Factory Pre-programmed with color assortment and holiday themes
- Bluetooth or Ethernet Controller available
- Simple underwater power cable connection (AquaLock Connector – ALC)
- · Custom programs available
- Low operating cost
- · No lens or board replacement required for color changes
- Stainless steel fixtures, brackets, and shielded jumper cables
- 3 year parts and labor warranty
- · Available in 120VAC, 220VAC, & 24VDC
- UL Listed
- Can be retrofitted to existing AquaMaster fountains.
- Standard 14/5 Cable
- · 20W RGBW-Total: 940 lumens
  - Red: 155 lumens White: 375 lumens
  - Green: 290 lumens White Color Temperature: 7000K
  - Blue: 120 lumens Rated Life: 40,000 hours
- 40W RGBW-Total: 1835 lumens
  - Red: 475 lumens White: 670 lumens
  - Green: 560 lumens White Color Temperature: 5500K
  - Blue: 130 lumens Rated Life: 40,000 hours

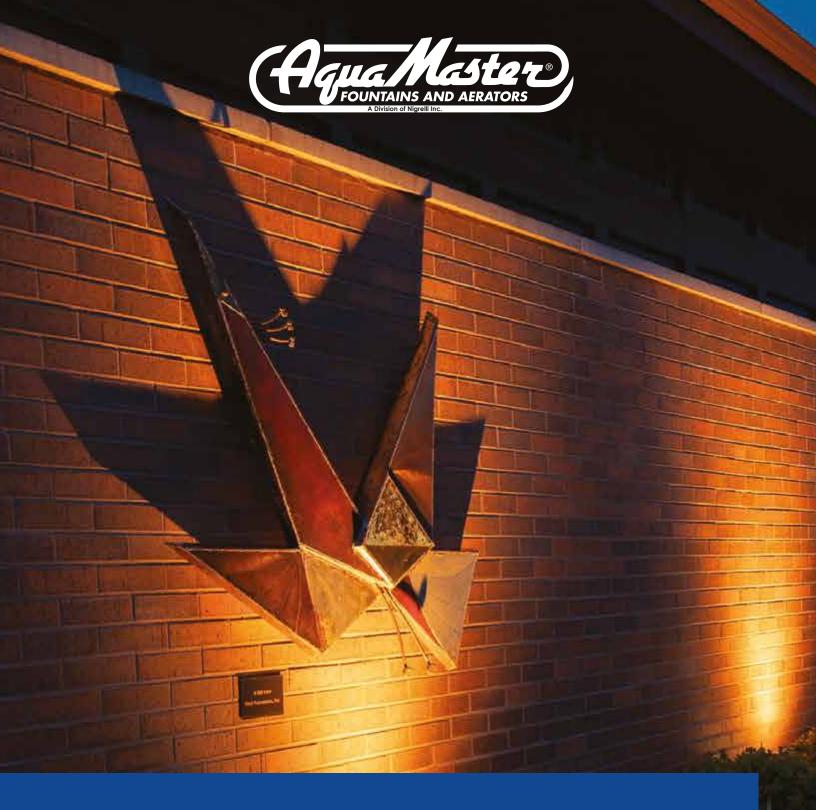
### **72 Watt RGBW Features**

- Night Glow Lighting Systems
- Fully WiFi Controlled (with no internet needed)
- Web browser based control app works with any mobile device
- · Individually addressable
- Diagnostic Tools built into the app
- GPS based astronomical timing
- 30 Standard Pattern Options
- Custom Programs available
- Same can and mounting options at 40W light
- · Individually Serviceable
- 28% More Light Per Watt than our 40W lights
- 230% brighter than our 40W lights
- Red 1100 Lumens
- Green 2250 Lumens
- Blue 550 Lumens
- White 2650 Lumens
- UL Listed
- Internal Thermal Protection
- Available in 120VAC
- 3 year warranty
- Can be Synchronized with Encompass RGBW Landscape Light









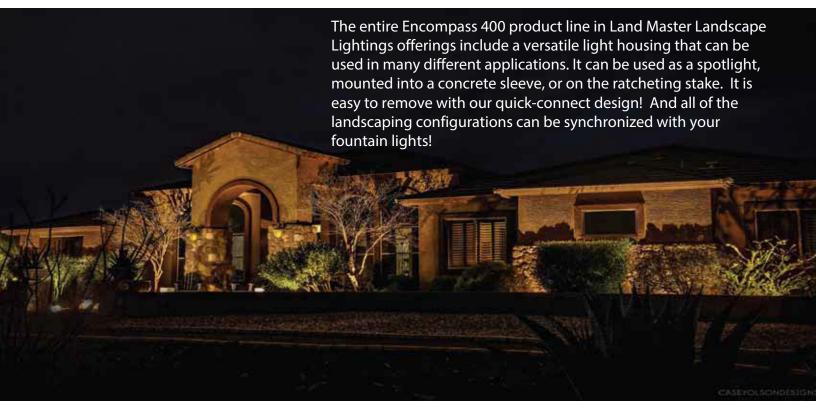
# LAND MASTER LANDSCAPE LIGHTING

AquaMaster® is excited to announce its latest offering—Land Master Landscape Lighting line! This new product line offers some of the fastest, easiest, and safest landscape lighting installations available! No assembly in the field, everything comes assembled and the ratcheting stake design holds the lights position better than the old designs used by our competitors!



## **ENCOMPASS 400**

Made of die-cast aluminum for durability and powder coated for corrosion resistance. Integrated lens on the housing dissipate heat ensuring the light is always cool to the touch. High-power chip-on-board Cree LED gives a direct thermal path to the housing, allowing it to run cooler for higher light output and longer life.





Encompass 400 also, offers a ratcheting bracket for ease of adjustment which means that NO SCREWS ARE NECESSARY



The Land Master Landscape Lighting line also includes an innovative step light that is easy to remove with the proper tool. Replacement does not require ripping out concrete or stairways, it just snaps in and out! And our unique "plug and play" controller ties everything together beautifully!



#### **HORIZON STEP LIGHTING**



Made of an injection-molded plastic body, this design provides strength and allows control of the beam efficiencies of the HORIZON. Featuring a luminous flux of 80 lumens, the HORIZON provides a soft-ambient lighting option that is energy-efficient and long-lasting.

**CONCRETE SLEEVE** 



UNIVERSE LAND MASTER TRANSFORMER



# **AQUAMASTER ACCESSORIES**

## **ADDRESSER**



The DMX Addresser from AquaMaster® Fountains & Aerators is a new control panel component module used for communicating lighting programs between controller and fixtures. It is a required component for operation of multiple RGBW light sets from a single controller with a synchronized program. For example, a three fountain set could shift red, white, and blue across them as a single custom program, or each fountain could display red, white, and blue at the same time. Any specific custom program for multiple light sets can be accomplished when used with Custom Control Panels.

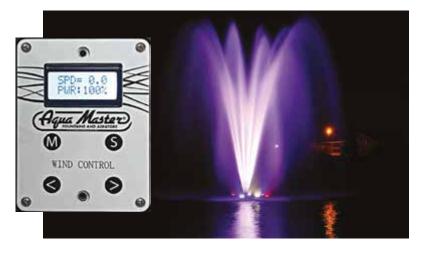
Two control options will now be available for multiple RGBW light sets.

- The use of one controller with an addresser for each individual light set. All programmed to perform identical or different shows synchronized into one program.
- The use of multiple controllers. Each light set is controlled by its own controller and performs its own individual program, thus not synchronized with the others in a single program.

## WIND CONTROL MODULE

The AquaMaster® Fountains and Aerators Wind Control uses the latest in microprocessor technology to capture the wind speed using an anemometer, and with that data average, evaluate, and turn analog and digital outputs on and off based on user preferences. This replaces our existing Wind Control for dual and single stage systems.

The Wind Control uses capacitive touch switches and an LCD screen to set and read user preferences. All preferences are stored permanently in the controller memory and recalled after power is cycled off and on.



## **OTHER ACCESSORIES**



#### **NEMA CONTROL PANEL**

Rain tight, lockable NEMA 3R Control Panel containing a 24 hour digital timer, contactor, overload relay, GFCI protection. Enclosures are powder coated galvanized steel for superior corrosion resistance. Control multiple units conveniently from a Custom Control Panel (CCP). Optional Fiberglass or Stainless Steel.



#### **AQUALOCK CONNECTOR (ALC)**

Quick disconnect UL listed, waterproof, underwater cable connector for lights and units.



## LARGE STAINLESS STEEL INTAKE SCREEN

 $\frac{1}{2}$  to 5 HP design. Customized for use in high debris water.



#### **DEEP WATER INTAKE**

Gives the ability to draw water from even further depths granting more efficient destratification.



#### **CAPACITOR TESTER**

The capacitor tester can reliably test all capacitors from 0.1 MFD to 10,000 MFD. It is designed to meet all industrial specifications and service requirements.



#### **MEGOHMMETER**

Ranges from 20 to 1000 Megohms. Applied voltage is 500 volts. This Megohmmeter is portable and runs off of two "C" size batteries. Two 6" long test leads are stored within the case.



#### **PHASE MONITOR FOR 3 PHASE**

Voltage monitor to protect 3 Phase motors from damage.

#### **ALSO AVAILABLE:**

- EPD Circuit Breakers
- Photocells for lighting
- Variable Frequency Drives (VFD)
- Low water shut-off terminal connectors
- Armored protected power cable to prevent rodent damage



# **Bringing Water to Life!**

# Why do I need Water Management?

Oxygen deprived water creates deficiencies for lakes and ponds. By circulating oxygen throughout, it will assist with the stabilization of pH while removing carbon dioxide and alkaline deposits.

Water Management through aeration is a key process for improving water quality and maintaining a stable aquatic habitat. Aeration through the use of a surface Fountain/Aerator or a bottom Diffused Air unit allows increased dissolved oxygen to flow through the water. This process assists in dissolving harmful organic chemicals that can cause odor, decreases algae and weed overgrowth, helps maintain a healthier growth environment for water plants which feed fish and other aquatic life; therefore helping to eliminate fish kills that are caused by decomposing plants and stagnant water.

AquaMaster® Fountains is recognized throughout the world as one of the premier manufacturers of water fountains, with durable and easy-to-install models ranging from 1/2 to 25 HP in size and over 30 different spray patterns (nozzles) to choose from. Fountains and Aerators are available in both 60 Hz and 50 Hz depending on the voltage you may require. Our products designed, built, and tested in the USA in accordance with UL, cUL and CE safety standards.

Depending on the pond size, location and water quality concerns will determine the treatment needed to help. We offer a wide variety of products to use with the assistance of our many channels of dealers and distributors. Each of these professionals are trained and certified to work with our equipment. Visit our website at **AquaMasterFountains.com** to locate one in your area.







Discover the Size and Placement that Fits Your Needs



No two bodies of water are the same.

When it comes to your equipment requirements let our professional distributors assist you.

Please visit www.AquaMasterFountains.com to locate one nearest you!

## **POND SIZING CHARTS**

#### **MASTERS SERIES®**

60 Hz

HORSEPOWER	EFFECTIVE POND SIZE (S.A)	MINIMUM OPERATING DEPTH (ft)
1/2	1/2	2
1	3/4	3
2	1	3
3	1 - 1½	3
3½	1 - 1½	3
5	2	3
7½	3	4
10	4	4

<sup>\*</sup> A pond's surface acreage is determined by multiplying its length in feet by its width in feet then dividing that total by 43,560. A pond's actual shape and depth should be considered when selecting a system.

#### 50 Hz

HORSEPOWER	EFFECTIVE POND SIZE (Ha.)	MINIMUM OPERATING DEPTH (m)
1/2	0.2	0.6
1	0.3	0.9
2	0.4	0.9
3	0.4 - 0.6	0.9
3½	0.4 - 0.6	0.9
5	0.8	0.9
7½	1.2	1.2
10	1.6	1.2

<sup>\*</sup> A pond's surface acreage is determined by multiplying its length in meters by its width in meters then dividing that total by 10,000. A pond's actual shape and depth should be considered when selecting a system.

#### **VOLCANO II & III**

60 Hz

HORSEPOWER	EFFECTIVE POND SIZE (S.A)	MINIMUM OPERATING DEPTH (ft)
1/2	Up to ¾	2
1½	Up to 1	3
3½	1+	3
5½	1+	3

<sup>\*</sup> A pond's surface acreage is determined by multiplying its length in feet by its width in feet then dividing that total by 43,560. A pond's actual shape and depth should be considered when selecting a system.

50 Hz

HORSEPOWER	EFFECTIVE POND SIZE (Ha.)	MINIMUM OPERATING DEPTH (m)
1/2	Up to 0.3	0.6
1½	Up to 0.4	0.9
3½	0.4 +	0.9
5½	0.4 +	0.9

<sup>\*</sup> A pond's surface acreage is determined by multiplying its length in meters by its width in meters then dividing that total by 10,000.
A pond's actual shape and depth should be considered when selecting a system.



## **Distributed by:**



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Night Glow Lighting and Control Panels LED or RGBW Lighting System

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