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www.aquamasterfountains.com

MASTER THE **POWER** AND **BEAUTY** OF WATER



Full Line
CATALOG

FUNCTIONAL BEAUTY

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.

AquaMaster® products are available in both 60 and 50 Hz, from ½ to 25 HP, in whatever voltage you require. With thousands of successful projects around the world, we know you'll be pleased with your AquaMaster® Fountains and/or Aerators product's 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.

**"LET US HELP YOU MASTER
THE POWER AND
BEAUTY OF WATER."**

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, and GSEE, Inc, TN.

WORLDWIDE SALES & DISTRIBUTION NETWORK

Authorized factory trained sales and service distributors to provide support

EXPEDIENT PRODUCTION LEAD TIMES

½ - 5 HP : 3 to 5 days

7½ - 25 HP : 5 to 10 days

Parts : 1 to 2 days

Custom Designs : Consult Factory

EASE OF INSTALLATION

All products are designed with superior installation features requiring minimum assembly









COMPETITIVELY PRICED VALUE ADDED PRODUCTS

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.

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MASTERS SERIES®

Discover the Power & Beauty of the Masters Series® by AquaMaster®. These revolutionary fountains are available in a wide variety of spray patterns. All Masters Series® (except Captiva & Kiawah) are interchangeable and provide you with the ability to change spray patterns. (Flow straightener may be required.) This flexibility gives you the power to create dazzling waterscapes while improving water quality.

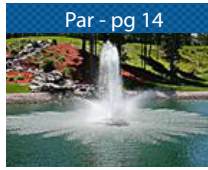
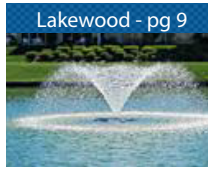
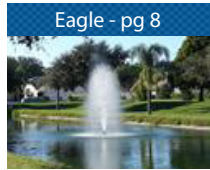
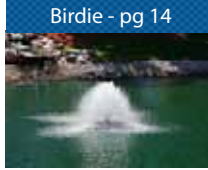
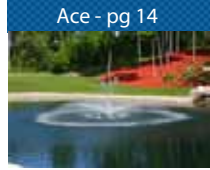


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MASTERS SERIES SPRAY PATTERNS

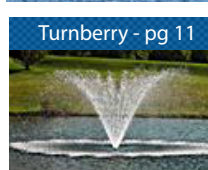
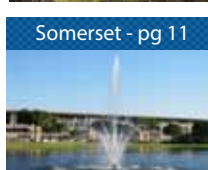
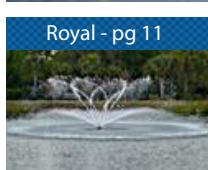
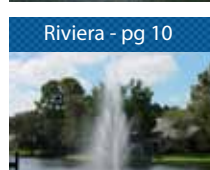
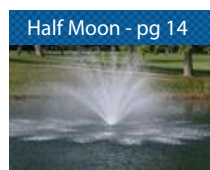
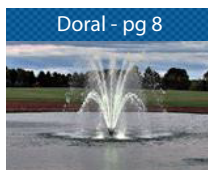
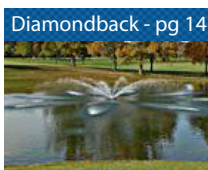
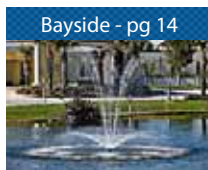
Basic Flow Patterns

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



Straightened Flow Patterns

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



Adjustable Straightened Flow Patterns

This group of patterns dimensions can be easily adjusted by the turning of the lock nut assembly. Patterns in this group are interchangeable with each other.



Specialty Patterns

The popular Captiva pattern utilizes a specialty nozzle assembly and is not interchangeable. The Kiawah high horsepower two-tier pattern utilizes a spray ring assembly and is not interchangeable.



ARABELLA

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL OR HORIZONTAL



5 HP ARABELLA

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------------|-----------|-----------|------------|------------|-----------------|----|------|
| HT x DIA ft UPPER | 5.5 x 7 | 7 x 10 | 8.5 x 12 | 13 x 18 | Consult Factory | | ZH09 |
| HT x DIA ft LOWER | 2 x 24 | 4 x 35 | 4 x 38 | 5 x 55 | Consult Factory | | |
| HT x DIA m UPPER | 1.8 x 2.4 | 2.4 x 3.6 | 3.5 x 4.9 | 4 x 5.5 | Consult Factory | | ZH05 |
| HT x DIA m LOWER | 0.9 x 7.9 | 1.1 x 8.2 | 1.4 x 11.6 | 1.5 x 16.8 | Consult Factory | | |

AUGUSTA

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL ONLY



5 HP AUGUSTA

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------|-----------|-----------|-----------|------------|------------|----------|------|
| HT x DIA ft | 9 x 20 | 11.5 x 24 | 13 x 30 | 15.5 x 35 | 17 x 45 | 23 x 60 | ZH09 |
| HT x DIA m | 2.4 x 4.9 | 2.9 x 6.1 | 4.1 x 9.1 | 4.7 x 13.7 | 5.2 x 13.7 | 7 x 18.3 | |

BISCAYNE

BASIC FLOW PATTERN (BFP)
VERTICAL OR HORIZONTAL



3½ HP BISCAYNE

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------------|-----------|-----------|---------|-----------|-----------|-----------|------|
| HT x DIA ft UPPER | 11 | 14 | 16 | 20 | 25 | 32 | ZH09 |
| HT x DIA ft LOWER | 7 x 14 | 10 x 19 | 10 x 20 | 13 x 24 | 16 x 28 | 18 x 28 | |
| HT x DIA m UPPER | 3.6 | 4 | 4.9 | 6.7 | 7.6 | 9.8 | ZH05 |
| HT x DIA m LOWER | 2.7 x 6.4 | 2.7 x 6.4 | 3 x 4.9 | 3.7 x 6.7 | 4.9 x 8.5 | 5.5 x 8.5 | |

CAPTIVA

SPECIALTY PATTERN

THE CAPTIVA PATTERN (½-5 HP) REQUIRES AN ADDITIONAL 6" OF DEPTH AND USES A UNIQUE FLOAT TUBE ASSEMBLY AND INTAKE SCREEN.



5 HP CAPTIVA

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------|-----------|-----------|-----------|-----------|---------|-----------|------|
| HT x DIA ft | 9 x 4 | 12 x 4 | 15 x 5 | 19 x 7 | 23 x 8 | 25 x 8 | ZH09 |
| HT x DIA m | 2.7 x 1.2 | 3.1 x 1.2 | 4.6 x 1.2 | 5.8 x 2.1 | 7 x 2.4 | 7.6 x 2.4 | |

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CROWN & GEYSER

BASIC FLOW PATTERN (BFP)

VERTICAL OR HORIZONTAL

| | HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------|-------------------|-----------|------------|-----------|------------|------------|----------|
| 60Hz | HT x DIA ft UPPER | 12 | 15 | 20 | 22 | 27 | 31 |
| | HT x DIA ft LOWER | 5 x 35 | 6 x 40 | 6 x 42 | 7 x 50 | 9 x 52 | 10 x 54 |
| 50Hz | HT x DIA m UPPER | 3.5 | 4.3 | 5.2 | 6.7 | 8.2 | 10.4 |
| | HT x DIA m LOWER | 1.8 x 9.1 | 1.7 x 10.6 | 2.1 x 9.7 | 3.1 x 15.2 | 2.7 x 15.8 | 3 x 16.5 |



3½ HP CROWN & GEYSER

CRYSTAL GEYSER

BASIC FLOW PATTERN (BFP)

VERTICAL ONLY

| | HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------|-------------|---------|-----------|---------|------------|------------|------------|
| 60Hz | HT x DIA ft | 15 x 26 | 17 x 30 | 19 x 30 | 22 x 32 | 26 x 34 | 30 x 34 |
| 50Hz | HT x DIA m | 4 x 6.4 | 5.2 x 6.7 | 5.5 x 7 | 6.7 x 10.8 | 7.8 x 10.2 | 9.6 x 10.2 |



5 HP CRYSTAL GEYSER

DORAL

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

| | HORSEPOWER | 1 | 2 | 3 & 3½ | 5 |
|------|-------------------|-----------|-----------|-----------|---------|
| 60Hz | HT x DIA ft UPPER | 8 x 10 | 10 x 12 | 11 x 14 | 13 x 18 |
| | HT x DIA ft LOWER | 4 x 8 | 5 x 10 | 5 x 12 | 7 x 13 |
| 50Hz | HT x DIA m UPPER | 2.1 x 2.4 | 2.3 x 3 | 3.3 x 3.6 | 4 x 5.5 |
| | HT x DIA m LOWER | 1.2 x 2 | 1.4 x 2.4 | 1.8 x 3 | 2.1 x 4 |



5 HP DORAL

EAGLE

BASIC FLOW PATTERN (BFP)

VERTICAL ONLY

| | HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------|-------------|-----------|-----------|---------|-----------|---------|---------|
| 60Hz | HT x DIA ft | 11 x 8 | 15 x 9 | 17 x 11 | 20 x 12 | 22 x 12 | 23 x 13 |
| 50Hz | HT x DIA m | 3.6 x 3.7 | 4.1 x 3.8 | 4.3 x 4 | 5.7 x 3.6 | 6.7 x 4 | 7 x 4 |



1 HP EAGLE

FIRESTONE

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL OR HORIZONTAL



3½ HP FIRESTONE

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|--------------------|-----------|-----------|-----------|-----------|----------|------------|
| HT x DIA ft UPPER | 11 | 13 | 15 | 18 | 21 | 24 |
| HT x DIA ft MIDDLE | 5 x 10 | 6 x 12 | 7.5 x 18 | 11 x 20 | 13 x 27 | 16 x 28 |
| HT x DIA ft LOWER | 2 x 18 | 3 x 20 | 4 x 24 | 5.5 x 28 | 6 x 40 | 8 x 65 |
| HT x DIA m UPPER | 3 | 3.5 | 5.2 | 6.1 | 6.4 | 10.3 |
| HT x DIA m MIDDLE | 1.5 x 3 | 1.7 x 3.2 | 2.1 x 4 | 3.1 x 6.1 | 4 x 8 | 4.9 x 8.4 |
| HT x DIA m LOWER | 0.6 x 3.3 | 0.5 x 3.6 | 0.6 x 4.6 | 1.1 x 8 | 1.7 x 12 | 2.4 x 19.8 |

2H09

2H05

IMPERIAL

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL OR HORIZONTAL



5 HP IMPERIAL

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|--------------------|-----------|-----------|-----------|----------|------------|------------|
| HT x DIA ft UPPER | 9 | 11 | 13 | 15 | 16 | 19 |
| HT x DIA ft MIDDLE | 6 x 16 | 6.5 x 18 | 7 x 23 | 13 x 30 | 14 x 32 | 17 x 48 |
| HT x DIA ft LOWER | 1 x 25 | 1.5 x 28 | 2.5 x 28 | 5 x 36 | 5.5 x 40 | 7 x 50 |
| HT x DIA m UPPER | 2.7 | 3.3 | 4 | 4.6 | 4.9 | 5.8 |
| HT x DIA m MIDDLE | 1.8 x 4.9 | 2 x 5.5 | 2.1 x 7 | 4 x 9.1 | 4.3 x 9.8 | 5.2 x 14.6 |
| HT x DIA m LOWER | 0.3 x 7.6 | 0.5 x 8.5 | 0.8 x 8.5 | 1.5 x 11 | 1.7 x 12.2 | 2.1 x 15.2 |

2H09

2H05

KIAWAH

SPECIALTY PATTERN



10 HP KIAWAH

| HORSEPOWER | 7½ | 10 |
|-------------------|------------|------------|
| HT x DIA ft UPPER | 28 | 30 |
| HT x DIA ft LOWER | 15 x 40 | 18 x 50 |
| HT x DIA m UPPER | 8.5 | 9.1 |
| HT x DIA m LOWER | 4.6 x 12.2 | 5.5 x 15.2 |

2H09

2H05

LAKWOOD

BASIC FLOW PATTERN (BFP)
VERTICAL ONLY



5 HP LAKWOOD

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|-------------|-----------|-----------|-----------|------------|------------|-----------|
| HT x DIA ft | 7 x 18 | 9 x 24 | 11 x 30 | 15 x 36 | 16 x 40 | 16.5 x 50 |
| HT x DIA m | 2.1 x 6.7 | 2.7 x 8.2 | 3.3 x 9.1 | 4.6 x 11.6 | 4.9 x 12.2 | 5 x 15.2 |

60Hz

50Hz

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MEDINAH

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

| HORSEPOWER | | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------------|-------------|-----------|-----------|---------|---------|---------|-----------|
| 60Hz | HT x DIA ft | 9 x 14 | 12 x 18 | 14 x 20 | 18 x 24 | 20 x 26 | 25 x 30 |
| | HT x DIA m | 2.4 x 3.3 | 2.9 x 3.6 | 4 x 4.6 | 6 x 9 | 7 x 7.9 | 7.6 x 9.1 |



PRESTWICK

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

| HORSEPOWER | | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------------|-------------------|-----------|-----------|------------|------------|------------|------------|
| 60Hz | HT x DIA ft UPPER | 9 x 10 | 10 x 12 | 12 x 14 | 13 x 18 | 16 x 32 | 20 x 46 |
| | HT x DIA ft LOWER | 5 x 30 | 5 x 32 | 5 x 35 | 6 x 40 | 8 x 48 | 12 x 80 |
| 50Hz | HT x DIA m UPPER | 1.8 x 2.7 | 2.4 x 3 | 3.3 x 4.3 | 5.2 x 6.7 | 4.9 x 9.7 | 6.1 x 14 |
| | HT x DIA m LOWER | 0.9 x 7 | 1.1 x 8.5 | 1.5 x 10.3 | 2.1 x 15.2 | 2.4 x 14.6 | 3.7 x 24.4 |



REFLECTION

ADJUSTABLE STRAIGHTENED FLOW PATTERN (ASFP)

VERTICAL OR HORIZONTAL

| HORSEPOWER | | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------------|-------------------|-----------|-----------|-----------|-----------|------------|-----------|
| 60Hz | HT x DIA ft UPPER | 7 x 16 | 8 x 22 | 12 x 26 | 13 x 16 | 14 x 22 | 16 x 24 |
| | HT x DIA ft LOWER | 3 x 22 | 3 x 30 | 3 x 30 | 4 x 37 | 4 x 40 | 5 x 46 |
| 50Hz | HT x DIA m UPPER | 2.3 x 6.1 | 2.6 x 7.3 | 3.3 x 8.5 | 4.3 x 8.5 | 4.3 x 6.7 | 4.9 x 7.3 |
| | HT x DIA m LOWER | 0.8 x 7.9 | 0.9 x 8.8 | 1.1 x 9.7 | 2.4 x 14 | 1.2 x 12.2 | 1.5 x 14 |



RIVIERA

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

| HORSEPOWER | | 1 | 2 | 3 & 3½ | 5 |
|------------|--------------------|-----------|-----------|-----------|-----------|
| 60Hz | HT x DIA ft UPPER | 15 | 20 | 21 | 30 |
| | HT x DIA ft MIDDLE | 9 x 12 | 11 x 12 | 12 x 14 | 18 x 16 |
| | HT x DIA ft LOWER | 3 x 10 | 4 x 10 | 4 x 12 | 9 x 20 |
| 50Hz | HT x DIA m UPPER | 4.3 | 4.7 | 5.3 | 9.1 |
| | HT x DIA m MIDDLE | 2.4 x 3.3 | 2.4 x 2.4 | 3.6 x 4.3 | 5.5 x 4.9 |
| | HT x DIA m LOWER | 0.9 x 2.4 | 1.8 x 4.6 | 2 x 4.9 | 2.7 x 6.1 |



ROYAL

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL OR HORIZONTAL

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------------|-----------|-----------|------------|------------|------------|------------|-----|
| HT x DIA ft UPPER | 6 x 24 | 6.5 x 24 | 7½ x 38 | 8.5 x 38 | 12.5 x 40 | 15 x 50 | 7H0 |
| HT x DIA ft LOWER | 3 x 30 | 3.5 x 32 | 4 x 38 | 4 x 42 | 4 x 40 | 5 x 60 | |
| HT x DIA m UPPER | 1.4 x 6.1 | 1.8 x 6.7 | 2.4 x 11.6 | 2.6 x 11.6 | 3.8 x 12.2 | 4.6 x 15.2 | 5H0 |
| HT x DIA m LOWER | 0.6 x 6.7 | 0.9 x 8.8 | 1.2 x 11.6 | 1.2 x 12.8 | 1.2 x 12.2 | 1.5 x 18.3 | |



5 HP ROYAL

SANIBEL

ADJUSTABLE STRAIGHTENED FLOW PATTERN (ASFP)
VERTICAL OR HORIZONTAL

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| HT x DIA ft | 11 x 14 | 14 x 17 | 16 x 18 | 19 x 20 | 20 x 16 | 22 x 18 | 6H0 |
| HT x DIA m | 3.5 x 4.3 | 3.6 x 4.6 | 4.3 x 6.4 | 5.8 x 7.6 | 6.1 x 4.9 | 6.7 x 5.5 | |



5 HP SANIBEL

SOMERSET

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL OR HORIZONTAL

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------------|----------|-----------|-----------|-----------|-----------------|----|-----|
| HT x DIA ft UPPER | 12 | 14 | 17 | 20 | Consult Factory | | 7H0 |
| HT x DIA ft LOWER | 6.5 x 16 | 7.5 x 18 | 9 x 22 | 11.5 x 25 | Consult Factory | | |
| HT x DIA m UPPER | 3.6 | 4.3 | 5.2 | 6.1 | Consult Factory | | 5H0 |
| HT x DIA m LOWER | 2 x 4.9 | 2.3 x 5.5 | 2.7 x 6.7 | 3.5 x 7.6 | Consult Factory | | |



5 HP SOMERSET

TURNBERRY

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL OR HORIZONTAL

| HORSEPOWER | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 | |
|-------------|-----------|-----------|-----------|-----------|-----------|------------|-----|
| HT x DIA ft | 5.5 x 15 | 7 x 18 | 8 x 20 | 10 x 23 | 12.5 x 28 | 15 x 35 | 6H0 |
| HT x DIA m | 1.8 x 4.9 | 2.3 x 5.5 | 3.2 x 7.3 | 4.6 x 9.8 | 3.8 x 8.5 | 4.6 x 10.7 | |



3½ HP TURNBERRY



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VALHALLA

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

| HORSEPOWER | | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------------|--------------------|-----------|-----------|------------|------------|------------|------------|
| 60Hz | HT x DIA ft UPPER | 10 | 12 | 16 | 18 | 20 | 26 |
| | HT x DIA ft MIDDLE | 7 x 14 | 8 x 20 | 10 x 20 | 12 x 20 | 14 x 22 | 16 x 22 |
| | HT x DIA ft LOWER | 3 x 35 | 4 x 35 | 4 x 40 | 5 x 45 | 7 x 40 | 8 x 60 |
| 50Hz | HT x DIA m UPPER | 3.2 | 3.6 | 5.2 | 6.1 | 6.1 | 8.5 |
| | HT x DIA m MIDDLE | 2.1 x 4 | 2.4 x 4.6 | 3.3 x 6.4 | 3.7 x 9.1 | 4.3 x 6.7 | 4.9 x 6.7 |
| | HT x DIA m LOWER | 1.4 x 8.2 | 1.5 x 9.1 | 1.8 x 12.2 | 1.9 x 12.8 | 2.1 x 12.8 | 2.4 x 18.3 |



5 HP VALHALLA

WIDE GEYSER

BASIC FLOW PATTERN (BFP)

VERTICAL OR HORIZONTAL

| HORSEPOWER | | 1 | 2 | 3 & 3½ | 5 | 7½ | 10 |
|------------|-------------|-----------|-----------|-----------|-----------|---------|---------|
| 60Hz | HT x DIA ft | 16 x 10 | 20 x 10 | 25 x 10 | 28 x 10 | 32 x 10 | 36 x 10 |
| 50Hz | HT x DIA m | 4.3 x 1.2 | 5.2 x 1.8 | 6.1 x 2.4 | 7.3 x 3.1 | 9.7 x 3 | 11 x 3 |



1 HP WIDE GEYSER

WARRANTY

DOMESTIC

1 - 5 HP

5 Years Parts & Labor

7½ - 10 HP

4 Years Parts & Labor

INTERNATIONAL

1 - 5 HP

3 Years Parts; 1 Year Labor

7½ - 10 HP

3 Years Parts; 1 Year Labor

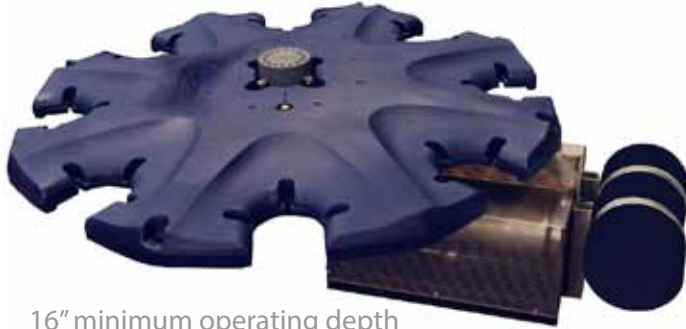
Warranties subject to change. Please contact AquaMaster® for most current warranties.

Masters Series®, high quality fountains designed to perform; built to last. Available in over 30 beautiful spray pattern choices. Sizes range from 1 to 10 HP in a variety of single phase and three phase, voltages at both 60 Hz and 50 Hz. All models (excluding 50 Hz) are shipped as packages. Packages include fountain, control panel, specific lengths of underwater rated power cable. Packages are UL Listed for safety and backed by superior factory warranties.



MASTERS SERIES® DESIGN TYPES

1 - 5 HP HORIZONTAL DESIGN



16" minimum operating depth

Interchangeable nozzles



Low profile float design



Recessed Night Glow LED or RGBW Lighting



Large stainless steel intake screen



1 - 5 HP STANDARD VERTICAL DESIGN



Interchangeable nozzles



Recessed Night Glow LED or RGBW Lighting



Patented, high-efficiency molded composite impeller system



Stainless steel intake screen & motor housing/ plate



Exclusive custom-designed oil-cooled energy efficient motors



AquaLock Connector (ALC)



Exclusive underwater cable disconnect



7½ - 10 HP CART DESIGN



Interchangeable nozzles



Individual high density polyethylene floats are in-water adjustable



Rugged stainless steel compact cart design



Adjustable Night Glow LED or RGBW Lighting



Oversized stainless steel intake screen



Oversized floatation type tires for ease of launching



Discover the Power & Beauty of the Masters Series® by AquaMaster®. These revolutionary fountains are available in a wide variety of spray patterns. All Masters Series® (except Captiva & Kiawah) are interchangeable and provide you with the ability to change spray patterns. (Flow straightener may be required.) This flexibility gives you the power to create dazzling waterscapes while improving water quality.

ADDITIONAL PATTERNS

ACE

BASIC FLOW PATTERN (BFP)

VERTICAL ONLY

5 HP ACE



| HORSEPOWER | | 1 | 2 | 3 & 3.5 | 5 |
|------------|-------------------|-----------|-----------|-----------|------------|
| 60Hz | HT x DIA ft UPPER | 4 x 8 | 6 x 8 | 8 x 10 | 9 x 12 |
| | HT x DIA ft LOWER | 2 x 22 | 2 x 26 | 4 x 32 | 4.5 x 35 |
| 50Hz | HT x DIA m UPPER | 2 x 4.6 | 2.6 x 4 | 2.9 x 3.6 | 3.7 x 3.7 |
| | HT x DIA m LOWER | 0.9 x 7.9 | 1.4 x 8.5 | 1.5 x 9.7 | 1.5 x 13.4 |

BAYSIDE

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

5 HP BAYSIDE



| HORSEPOWER | | 1 | 2 | 3 & 3.5 | 5 | 7.5 | 10 |
|------------|-------------------|-----------|---------|-----------|-----------|------------|------------|
| 60Hz | HT x DIA ft UPPER | 9 x 11 | 11 x 14 | 13 x 16 | 16 x 20 | 20 x 25 | 24 x 28 |
| | HT x DIA ft LOWER | 3 x 18 | 3 x 22 | 3 x 24 | 4 x 30 | 6 x 30 | 6 x 34 |
| 50Hz | HT x DIA m UPPER | 2.4 x 3 | 3 x 3.8 | 4 x 4.6 | 5.5 x 6.7 | 6.1 x 7.6 | 7.3 x 8.5 |
| | HT x DIA m LOWER | 0.6 x 3.6 | 0.6 x 4 | 1.1 x 7.6 | 1.2 x 8.5 | 1.8 x 10.4 | 1.8 x 10.4 |

BAYTREE

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

5 HP BAYTREE



| HORSEPOWER | | 5 |
|------------|--------------------|-----------|
| 60Hz | HT ft UPPER | 23 |
| | HT x DIA ft MIDDLE | 14 x 17 |
| | HT x DIA ft LOWER | 7 x 25 |
| 50Hz | HT m UPPER | 7 |
| | HT x DIA m MIDDLE | 5.2 x 5.2 |
| | HT x DIA m LOWER | 3.6 x 8.8 |

BIRDIE

BASIC FLOW PATTERN (BFP)

VERTICAL ONLY

5 HP BIRDIE



| HORSEPOWER | | 1 | 2 | 3 & 3.5 | 5 |
|------------|-------------|-----------|---------|-----------|-----------|
| 60Hz | HT x DIA ft | 3 x 5 | 3.5 x 5 | 4.5 x 8 | 5 x 12 |
| | HT x DIA m | 0.9 x 2.4 | 1.5 x 3 | 2.1 x 4.3 | 2.4 x 6.1 |

CHAMPION

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

3.5 HP CHAMPION



| HORSEPOWER | | 1 | 2 | 3 & 3.5 | 5 | 7.5 | 10 |
|------------|-------------|-----------|-----------|------------|------------|----------|----------|
| 60Hz | HT x DIA ft | 7 x 20 | 9 x 24 | 10 x 30 | 15 x 37 | 19 x 50 | 24 x 56 |
| | HT x DIA m | 3.2 x 8.5 | 3.6 x 8.8 | 4.6 x 10.3 | 5.5 x 13.4 | 5.8 x 15 | 7.3 x 17 |

COLONIAL

STRAIGHTENED FLOW PATTERN (SFP)

VERTICAL OR HORIZONTAL

5 HP COLONIAL



| HORSEPOWER | | 1 | 2 | 3 & 3.5 | 5 |
|------------|-------------------|-----------|---------|-----------|------------|
| 60Hz | HT x DIA ft UPPER | 17 | 19 | 20 | 30 |
| | HT x DIA ft LOWER | 8 x 22 | 10 x 26 | 12 x 35 | 22 x 60 |
| 50Hz | HT x DIA m UPPER | 4.3 | 4.4 | 5 | 9.1 |
| | HT x DIA m LOWER | 2.7 x 7.3 | 3 x 7.6 | 3.3 x 6.4 | 6.7 x 18.7 |

ADDITIONAL PATTERNS

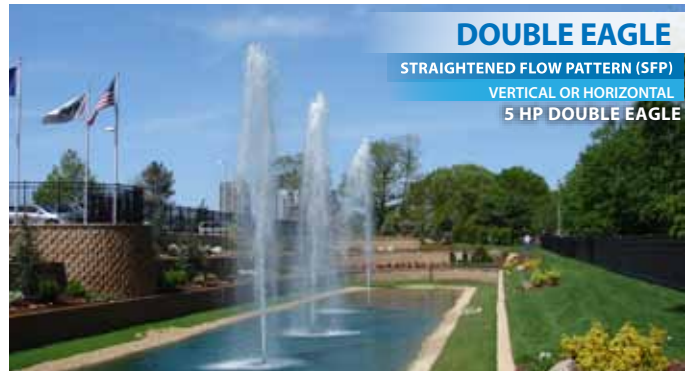


DIAMONDBACK

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL ONLY
5 HP DIAMONDBACK

| HORSEPOWER | 1 | 2 | 3 & 3.5 | 5 |
|-------------|------------|------------|------------|------------|
| HT x DIA ft | 5 x 50 | 5 x 55 | 5 x 60 | 5 x 65 |
| HT x DIA m | 1.5 x 15.2 | 1.8 x 18.2 | 2.1 x 20.1 | 3.7 x 22.6 |

ZH09
ZH05



DOUBLE EAGLE

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL OR HORIZONTAL
5 HP DOUBLE EAGLE

| HORSEPOWER | 1 | 2 | 3 & 3.5 | 5 |
|-------------|-----------|---------|-----------|-----------|
| HT x DIA ft | 18 x 5 | 23 x 5 | 25 x 5 | 35 x 5 |
| HT x DIA m | 4.6 x 1.5 | 5 x 1.5 | 6.7 x 1.8 | 7.6 x 2.4 |

ZH09
ZH05



GEYSER

BASIC FLOW PATTERN (BFP)
VERTICAL OR HORIZONTAL
10 HP GEYSER

| HORSEPOWER | 1 | 2 | 3 & 3.5 | 5 | 7.5 | 10 |
|-------------|-----------|-----------|-----------|-----------|------------|------------|
| HT x DIA ft | 18 x 2 | 20 x 2 | 24 x 2 | 28 x 2 | 34 x 2 | 38 x 2 |
| HT x DIA m | 4.9 x 0.9 | 5.6 x 0.9 | 5.9 x 0.9 | 7.6 x 0.9 | 10.4 x 0.6 | 12.2 x 0.6 |

ZH09
ZH05



HALF MOON

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL ONLY
5 HP HALF MOON

| HORSEPOWER | 1 | 2 | 3 & 3.5 | 5 | 7.5 | 10 |
|-------------|---------|-----------|---------|----------|------------|------------|
| HT x DIA ft | 6 x 26 | 8 x 30 | 10 x 34 | 13 x 36 | 14 x 38 | 15 x 40 |
| HT x DIA m | 1.7 x 7 | 2.1 x 7.9 | 3 x 9.1 | 3.9 x 11 | 4.3 x 11.6 | 4.6 x 12.2 |

ZH09
ZH05

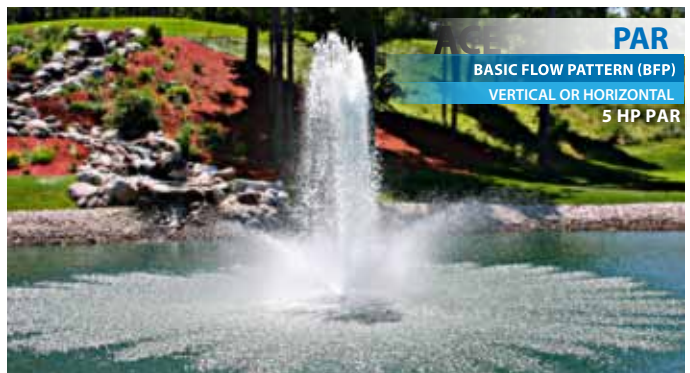


MONTEREY

STRAIGHTENED FLOW PATTERN (SFP)
VERTICAL ONLY
3.5 HP MONTEREY

| HORSEPOWER | 1 | 2 | 3 & 3.5 | 5 |
|--------------------|-----------|-----------|-----------|-----------|
| HT x DIA ft UPPER | 8 | 10 | 13 | 19 |
| HT x DIA ft MIDDLE | 5 x 9 | 7 x 10 | 11 x 13 | 13 x 15 |
| HT x DIA ft LOWER | 3 x 13 | 4 x 17 | 7 x 23 | 8 x 27 |
| HT x DIA m UPPER | 3.2 | 3.5 | 4.7 | 5.8 |
| HT x DIA m MIDDLE | 3 x 7 | 3.2 x 6.1 | 3.3 x 4.9 | 4 x 4.6 |
| HT x DIA m LOWER | 1.4 x 7.9 | 1.5 x 8.2 | 2 x 8.8 | 2.4 x 8.2 |

60HZ
50HZ



PAR

BASIC FLOW PATTERN (BFP)
VERTICAL OR HORIZONTAL
5 HP PAR

| HORSEPOWER | 1 | 2 | 3 & 3.5 | 5 | 7.5 | 10 |
|-------------------|-----------|-----------|----------|------------|------------|------------|
| HT x DIA ft UPPER | 6 | 8.5 | 13 | 15 | 17 | 20 |
| HT x DIA ft LOWER | 3 x 20 | 3.5 x 24 | 5 x 30 | 7 x 40 | 7 x 42 | 8 x 45 |
| HT x DIA m UPPER | 2 | 3.2 | 3.6 | 4.6 | 5.2 | 6.7 |
| HT x DIA m LOWER | 0.9 x 7.6 | 1.8 x 9.7 | 2 x 10.3 | 2.2 x 13.5 | 2.1 x 12.8 | 2.4 x 13.7 |

60HZ
50HZ

1/2 HP MASTERS DECORATIVE SERIES



Interchangeable nozzles



Recessed Night Glow LED or RGBW Lighting



Patented, high-efficiency molded composite impeller system



Stainless steel intake screen & motor housing/plate



Exclusive custom-designed oil-cooled energy efficient motors



AquaLock Connector (ALC)



Standard Panel:

- Limited cable lengths
- 11W LED Lights only
- LED Photo Eye
- When Standard Control Panel is purchased, Masters Decorative Series warranty is 3 years and Standard Control Panel warranty is 1 year.



Upgraded Panels:

- Any cable lengths
- 11W or RGBW Lights (Depending on Panel purchased)
- When Upgraded Control Panel is purchased, Masters Decorative Series warranty is 5 years and Upgraded Control Panel warranty is 3 years.



1/2 HP SPECIFICATIONS

| ARABELLA | | |
|-------------------|---------|------|
| HT x DIA ft UPPER | 5.5 x 6 | 7H09 |
| HT x DIA ft LOWER | 2 x 20 | |
| HT x DIA m UPPER | 1.5 x 2 | 5H05 |
| HT x DIA m LOWER | 0.6 x 6 | |

| AUGUSTA | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 7 x 14 | 6H08 |
| HT x DIA m UPPER | 2.1 x 4.3 | |

| BAYSIDE | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 6 x 8 | 6H08 |
| HT x DIA ft LOWER | 1.5 x 10 | |
| HT x DIA m UPPER | 1.2 x 1.5 | 5H05 |
| HT x DIA m LOWER | 0.3 x 1.8 | |

| BISCAYNE | | |
|-------------------|---------|------|
| HT x DIA ft UPPER | 9 | 6H08 |
| HT x DIA ft LOWER | 5 x 12 | |
| HT x DIA m UPPER | 1.8 | 5H05 |
| HT x DIA m LOWER | 1.2 x 3 | |

| CAPTIVA | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 5 x 3 | 6H08 |
| HT x DIA m UPPER | 1.2 x 0.6 | |

| CHAMPION | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 5.5 x 18 | 7H09 |
| HT x DIA m UPPER | 1.2 x 3.4 | |

| COLONIAL | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 10 | 6H08 |
| HT x DIA ft LOWER | 6 x 16 | |
| HT x DIA m UPPER | 2.7 | 5H05 |
| HT x DIA m LOWER | 2.1 x 5.5 | |

| CROWN & GEYSER | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 7 | 6H08 |
| HT x DIA ft LOWER | 4 x 24 | |
| HT x DIA m UPPER | 1.8 | 5H05 |
| HT x DIA m LOWER | 0.9 x 7.6 | |

| CRYSTAL GEYSER | | |
|-------------------|---------|------|
| HT x DIA ft UPPER | 8 x 20 | 6H08 |
| HT x DIA m UPPER | 1.8 x 5 | |

| DIAMONDBACK | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 5 x 35 | 6H08 |
| HT x DIA m UPPER | 0.9 x 7.6 | |

| DORAL | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 5 x 6 | 7H09 |
| HT x DIA ft LOWER | 3 x 6 | |
| HT x DIA m UPPER | 1.4 x 1.6 | 5H05 |
| HT x DIA m LOWER | 0.8 x 1.7 | |

| DOUBLE EAGLE | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 11 x 2 | 6H08 |
| HT x DIA m UPPER | 2.4 x 0.3 | |

| EAGLE | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 9 x 6 | 6H08 |
| HT x DIA m UPPER | 1.8 x 0.9 | |

| FIRESTONE | | |
|--------------------|-----------|------|
| HT x DIA ft UPPER | 8.5 | 6H08 |
| HT x DIA ft MIDDLE | 5 x 10 | |
| HT x DIA ft LOWER | 2 x 14 | |
| HT x DIA m UPPER | 1.8 | 5H05 |
| HT x DIA m MIDDLE | 1.2 x 1.4 | |
| HT x DIA m LOWER | 0.4 x 3 | |

| GEYSER | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 10 x 2 | 6H08 |
| HT x DIA m UPPER | 2.4 x 0.9 | |

| HALF MOON | | |
|-------------------|---------|------|
| HT x DIA ft UPPER | 4 x 13 | 7H09 |
| HT x DIA m UPPER | 0.9 x 3 | |

| IMPERIAL | | |
|--------------------|-----------|------|
| HT x DIA ft UPPER | 6 | 6H08 |
| HT x DIA ft MIDDLE | 4 x 12 | |
| HT x DIA ft LOWER | 1 x 14 | 5H05 |
| HT x DIA m UPPER | 1.8 | |
| HT x DIA m MIDDLE | 1.2 x 3.6 | |
| HT x DIA m LOWER | 0.3 x 4.3 | |

| LAKEWOOD | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 6.5 x 16 | 6H08 |
| HT x DIA m UPPER | 1.1 x 4.5 | |

| MEDINAH | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 8 x 12 | 6H08 |
| HT x DIA m UPPER | 1.8 x 2.4 | |

| PAR | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 5 | 6H08 |
| HT x DIA ft LOWER | 2.5 x 18 | |
| HT x DIA m UPPER | 0.9 | 5H05 |
| HT x DIA m LOWER | 0.3 x 4.3 | |

| PRESTWICK | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 8 x 8 | 7H09 |
| HT x DIA ft LOWER | 3 x 25 | |
| HT x DIA m UPPER | 1.4 x 2 | 5H05 |
| HT x DIA m LOWER | 0.9 x 6.1 | |

| REFLECTION | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 5 x 7 | 6H08 |
| HT x DIA ft LOWER | 2 x 20 | |
| HT x DIA m UPPER | 1.2 x 1.5 | 5H05 |
| HT x DIA m LOWER | 0.3 x 4.3 | |

| RIVIERA | | |
|--------------------|-----------|------|
| HT x DIA ft UPPER | 11 | 6H08 |
| HT x DIA ft MIDDLE | 9 x 10 | |
| HT x DIA ft LOWER | 6 x 16 | 5H05 |
| HT x DIA m UPPER | 3.3 | |
| HT x DIA m MIDDLE | 2.4 x 3 | |
| HT x DIA m LOWER | 1.8 x 4.5 | |

| ROYAL | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 4 x 14 | 6H08 |
| HT x DIA ft LOWER | 2 x 16 | |
| HT x DIA m UPPER | 0.9 x 3 | 5H05 |
| HT x DIA m LOWER | 0.3 x 3.7 | |

| SANIBEL | | |
|-------------------|---------|------|
| HT x DIA ft UPPER | 7 x 8 | 6H08 |
| HT x DIA m UPPER | 2.1 x 3 | |

| SOMERSET | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 7 | 7H09 |
| HT x DIA ft LOWER | 4 x 12 | |
| HT x DIA m UPPER | 2.1 | 5H05 |
| HT x DIA m LOWER | 1.2 x 3.6 | |

| TURNBERRY | | |
|-------------------|---------|------|
| HT x DIA ft UPPER | 4 x 10 | 6H08 |
| HT x DIA m UPPER | 0.9 x 3 | |

| VALHALLA | | |
|--------------------|-----------|------|
| HT x DIA ft UPPER | 8 | 6H08 |
| HT x DIA ft MIDDLE | 6 x 12 | |
| HT x DIA ft LOWER | 3 x 25 | 5H05 |
| HT x DIA m UPPER | 3.5 | |
| HT x DIA m MIDDLE | 1.2 x 2.7 | |
| HT x DIA m LOWER | 0.5 x 5.5 | |

| WIDE GEYSER | | |
|-------------------|-----------|------|
| HT x DIA ft UPPER | 11 x 5 | 6H08 |
| HT x DIA m UPPER | 2.4 x 1.2 | |

CELESTIAL FOUNTAINS®

When you want to design a dazzling waterscape, the sky's the limit with AquaMaster's® Celestial Fountains®. Featuring ten spray patterns to help you create an impression that is out of this world. All are backed by a Total Component warranty that demonstrates AquaMaster's® ongoing Commitment to Excellence in Superior Aquatic Management Systems.



25 HP ARIES

When you want to design a dazzling waterscape, the sky's the limit with AquaMaster's® Celestial Fountains®. Featuring ten spray patterns to help you create an impression that is out of this world. All are backed by a Total Component warranty that demonstrates AquaMaster's® ongoing Commitment to Excellence in Superior Aquatic Management Systems.

AQUARIUS

| HORSEPOWER | | 10 | 15 | 20 | 25 |
|------------|-------------------|------------|------------|------------|------------|
| 60Hz | HT x DIA ft UPPER | 32 | 42 | 48 | 56 |
| | HT x DIA ft LOWER | 10 x 40 | 14 x 44 | 16 x 52 | 18 x 58 |
| 50Hz | HT x DIA m UPPER | 9.8 | 12.8 | 14.6 | 17.1 |
| | HT x DIA m LOWER | 3.1 x 12.2 | 4.3 x 13.4 | 4.9 x 15.8 | 5.5 x 17.7 |



ARIES

| HORSEPOWER | | 10 | 15 | 20 | 25 |
|------------|-------------------|------------|------------|------------|------------|
| 60Hz | HT x DIA ft UPPER | 30 | 40 | 50 | 60 |
| | HT x DIA ft LOWER | 16 x 35 | 18 x 40 | 20 x 45 | 22 x 50 |
| 50Hz | HT x DIA m UPPER | 9.2 | 12.2 | 15.2 | 18.3 |
| | HT x DIA m LOWER | 4.9 x 10.7 | 5.5 x 12.2 | 6.1 x 13.7 | 6.7 x 15.2 |



GEMINI

| HORSEPOWER | | 10 | 15 | 20 | 25 |
|------------|-------------|------------|------------|------------|------------|
| 60Hz | HT x DIA ft | 50 x 2 | 68 x 2 | 80 x 2 | 96 x 2 |
| 50Hz | HT x DIA m | 15.2 x 0.6 | 20.7 x 0.6 | 24.4 x 0.6 | 29.3 x 0.6 |



LEO

| HORSEPOWER | | 10 | 15 | 20 | 25 |
|------------|-------------|----------|----------|----------|----------|
| 60Hz | HT x DIA ft | 35 x 10 | 40 x 10 | 50 x 10 | 58 x 10 |
| 50Hz | HT x DIA m | 10.7 x 3 | 12.2 x 3 | 15.2 x 3 | 17.7 x 3 |



LIBRA



10 HP LIBRA

| HORSEPOWER | 10 | 15 | 20 | 25 | |
|-------------|---------|---------|----------|----------|------|
| HT x DIA ft | 26 x 10 | 36 x 10 | 42 x 10 | 48 x 10 | #H09 |
| HT x DIA m | 8 x 3 | 11 x 3 | 12.8 x 3 | 14.6 x 3 | #H05 |

NOTE:
THE LIBRA AND PISCES PATTERNS RESULT IN A MIST PRODUCING DISPLAY. AQUAMASTER® RECOMMENDS THESE PATTERNS OPERATE IN A PROTECTED OR SHELTERED AREA

OLYMPIAN

NOT AN INTERCHANGEABLE PATTERN



20 HP OLYMPIAN

| HORSEPOWER | 10 | 15 | 20 | 25 | |
|--------------------|--------|--------|--------|--------|------|
| HT x DIA ft UPPER | 17 x 3 | 18 x 3 | 21 x 4 | 25 x 4 | #H09 |
| HT x DIA ft MIDDLE | 14 x 3 | 15 x 3 | 16 x 4 | 20 x 4 | |
| HT x DIA ft LOWER | 9 x 3 | 10 x 3 | 12 x 4 | 15 x 4 | #H05 |
| Consult Factory | | | | | |

PISCES



10 HP PISCES

| HORSEPOWER | 10 | 15 | 20 | 25 | |
|-------------|---------|---------|------------|------------|------|
| HT x DIA ft | 28 x 10 | 38 x 10 | 44 x 12 | 50 x 16 | #H09 |
| HT x DIA m | 8.5 x 3 | 11 x 3 | 13.4 x 3.6 | 15.2 x 4.9 | #H05 |

NOTE:
THE LIBRA AND PISCES PATTERNS RESULT IN A MIST PRODUCING DISPLAY. AQUAMASTER® RECOMMENDS THESE PATTERNS OPERATE IN A PROTECTED OR SHELTERED AREA

SCORPIO

NOT AN INTERCHANGEABLE PATTERN



10 HP SCORPIO

| HORSEPOWER | 10 | 15 | 20 | 25 | |
|-------------|---------|---------|---------|----------|------|
| HT x DIA ft | 25 x 10 | 30 x 10 | 32 x 10 | 37 x 10 | #H09 |
| HT x DIA m | 7.6 x 3 | 9.1 x 3 | 9.7 x 3 | 11.3 x 3 | #H05 |

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TAURUS

| HORSEPOWER | | 10 | 15 | 20 | 25 |
|------------|--------------------|------------|------------|------------|------------|
| 60Hz | HT x DIA ft UPPER | 30 | 40 | 50 | 55 |
| | HT x DIA ft MIDDLE | 20 x 40 | 25 x 40 | 25 x 45 | 25 x 50 |
| | HT x DIA ft LOWER | 10 x 45 | 10 x 50 | 12 x 60 | 15 x 70 |
| 50Hz | HT x DIA m UPPER | 9.2 | 12.2 | 15.2 | 16.8 |
| | HT x DIA m MIDDLE | 6.1 x 12.2 | 7.6 x 12.2 | 7.6 x 13.7 | 7.6 x 15.2 |
| | HT x DIA m LOWER | 3.1 x 13.8 | 3.1 x 15.2 | 3.6 x 18.3 | 4.6 x 21.3 |



VIRGO

| HORSEPOWER | | 10 | 15 | 20 | 25 |
|------------|-------------------|----------|----------|----------|----------|
| 60Hz | HT x DIA ft UPPER | 30 | 40 | 50 | 60 |
| | HT x DIA ft LOWER | 10 x 40 | 10 x 50 | 10 x 50 | 10 x 50 |
| 50Hz | HT x DIA m UPPER | 9.2 | 12.2 | 15.2 | 18.3 |
| | HT x DIA m LOWER | 3 x 12.2 | 3 x 15.2 | 3 x 15.2 | 3 x 15.2 |



CELESTIAL FOUNTAINS® KEY FEATURES

- Total Component UL & cUL Listed and CE Recognized for safety
- All stainless steel power unit construction for extended corrosion resistance and strength
- Specially designed, application oriented, energy efficient oil-cooled motors for increased longevity and performance
- Minimum operating depth of 4'
- Rain tight, lockable NEMA 3R Control Panel containing 24 hour timer, contactor, overload Relay, GFCI protection and capacitors (placed in panel for ease of service, single phase only). Enclosures are powder coated galvanized steel for superior corrosion resistance
- Simple assembly and installation

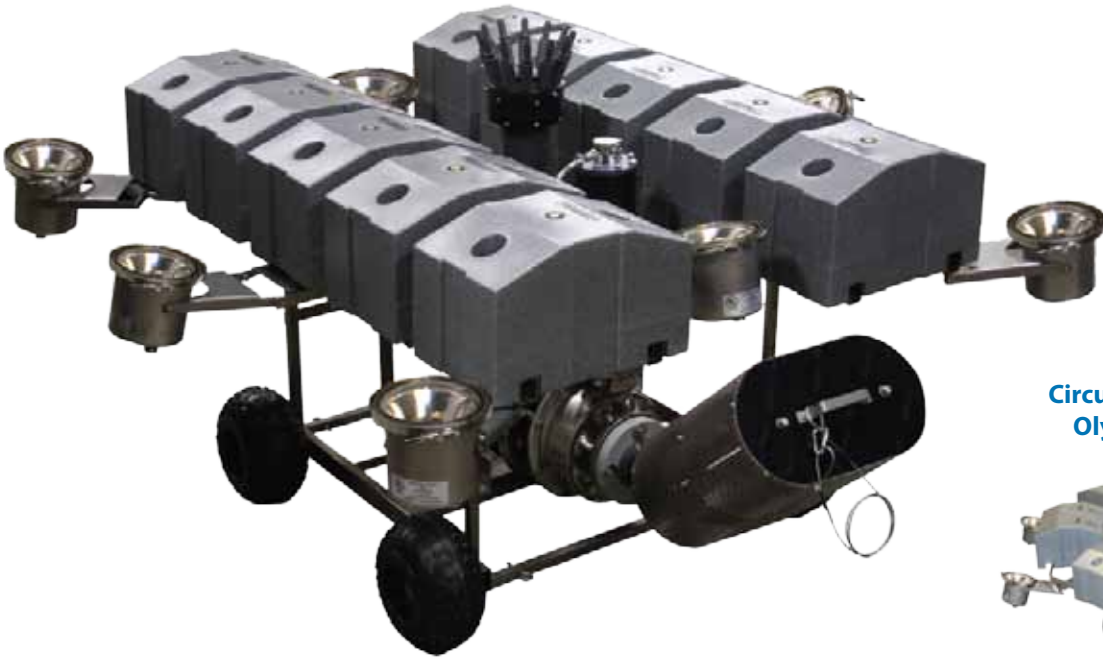
WARRANTY

| | | |
|---------------|------------|-----------------------------|
| DOMESTIC | 10 - 25 HP | 4 Years parts and labor |
| INTERNATIONAL | 10 - 25 HP | 3 Years Parts; 1 Year Labor |

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



CELESTIAL FOUNTAINS® DESIGN



Circular design configuration for Olympian model. Optional for other models



Ten spray patterns - simple interchangeable nozzles ranging from 10 to 25 HP



Discharge Assembly



Adjustable Night Glow LED or RGBW Lighting



Individual high density polyethylene floats are in-water adjustable



Removable (without tools) large capacity, rigid 16 gauge stainless steel intake screen



Heavy-duty tubular welded stainless steel frame design adds strength and longevity



Rugged, heavy-duty stainless steel centrifugal pump system for highest efficiency and durability



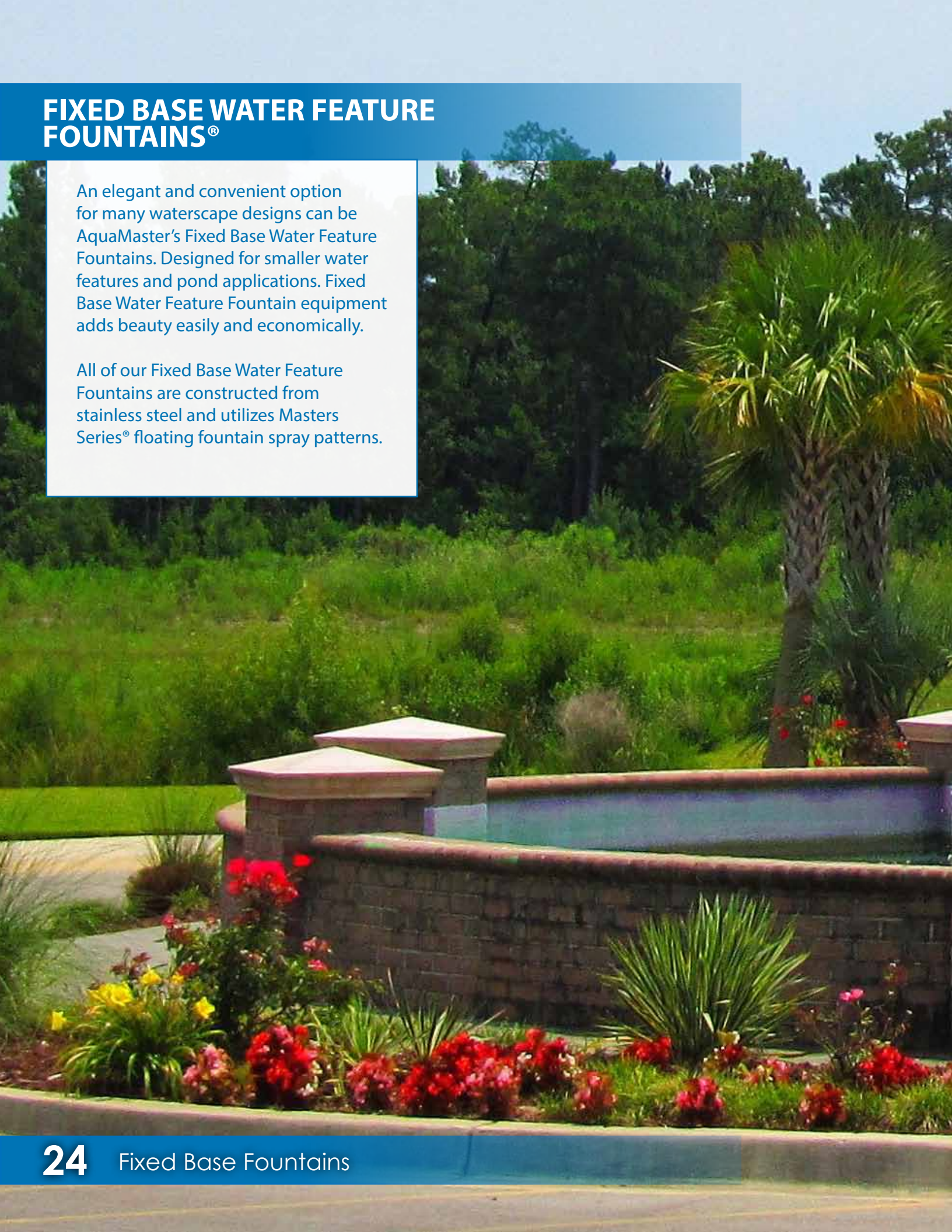
Oversized floatation type tires for ease of launching



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 Masters Series® floating fountain spray patterns.







MASTER THE POWER AND BEAUTY OF WATER

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 Masters Series® floating fountain spray patterns.

1/2 HP

Our 1/2 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 utilizes Masters Series® floating fountain nozzle patterns.



CUSTOM

Your Fixed Base Fountain(s) can be custom built and fitted with a variety of nozzles to meet the demands of any landscape.



WARRANTY

| | | |
|----------|----------|-------------------------|
| DOMESTIC | 1/2 HP | 5 Years parts and labor |
| | 1 - 5 HP | 5 Years parts and labor |

| | | |
|---------------|----------|-----------------------------|
| INTERNATIONAL | 1/2 HP | 2 Years Parts; 1 Year Labor |
| | 1 - 5 HP | 3 Years Parts; 1 Year Labor |

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

FIXED BASE FOUNTAIN DESIGN



Standard and custom interchangeable nozzle



Optional Night Glow LED or RGBW Lighting Systems



Exclusive underwater cable disconnect



AquaLock Connector (ALC)



Stainless steel intake debris screen



Fixed Base Fountain Features

- Available horizontally or vertically mounted
- ½ 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 featured in *The Masters Series*® as seen on page 6
- Waterline depth and basin dimensions required



OPERATING DEPTH

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

60Hz

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

50Hz

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

HIGH PERFORMANCE AERATIONS SYSTEM VOLCANO II & HYDROMAX SERIES

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



5 HP VOLCANO II

VOLCANO II

| | HORSEPOWER | ½ | 1½ | 3½ | 5½ |
|------|-------------|-----------|-----------|-----------|-----------|
| 60Hz | HT x DIA ft | 1 x 4 | 2.5 x 8 | 3.5 x 12 | 4.5 x 14 |
| | GPM | 420 | 1298 | 1975 | 2680 |
| 50Hz | HT x DIA m | 0.3 x 1.2 | 0.8 x 2.7 | 1.1 x 3.7 | 1.4 x 4.9 |
| | m3/hr | 88 | 327 | 485 | 686 |



THE HYDROMAX SERIES

The *HydroMax Series* features Volcano II's high volume performance, but with a conical display pattern.



ETNA

| | HORSEPOWER | ½ | 1½ | 3½ | 5½ |
|------|-------------|--------|----------|----------|---------|
| 60Hz | HT x DIA ft | 4 x 12 | 5.5 x 12 | 7.5 x 22 | 10 x 27 |
| | GPM | 258 | 517 | 845 | 1350 |



SHASTA

| | HORSEPOWER | ½ | 1½ | 3½ | 5½ |
|------|-------------|-----------|-----------|-----------|---------|
| 60Hz | HT x DIA ft | 1.5 x 7 | 4 x 10 | 5 x 16 | 7 x 18 |
| | GPM | 324 | 667 | 1070 | 1415 |
| 50Hz | HT x DIA m | 0.5 x 1.5 | 1.4 x 3.1 | 1.4 x 3.4 | 2 x 5.5 |
| | m3/hr | 66 | 223 | 326 | 358 |



VOLCANO II & HYDROMAX DESIGN



Optional Night Glow LED Lighting Systems



Low profile float



Exclusive underwater cable disconnect



AquaLock Connector (ALC)



Stainless steel motor housing

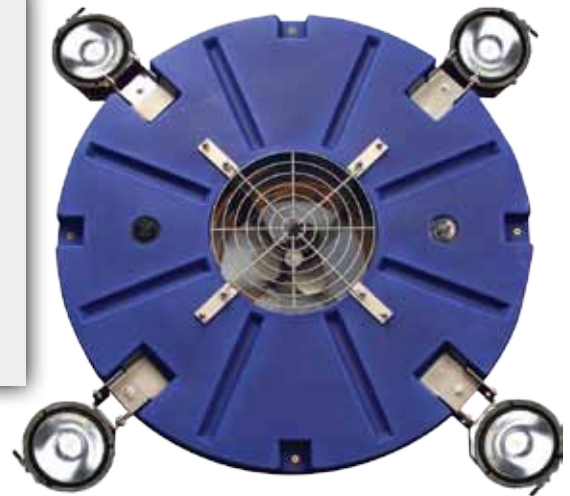


Exclusive custom-designed oil-cooled energy efficient motors



Volcano II Design Features

Top and side views with optional lights configuration. Give even more drama to your Volcano II series aerator by adding the UL, cUL Listed and CE Recognized Night Glow LED Lighting System. Any lighting system choice includes stainless steel lamp housings, ready to be installed in the float, sealed with clear tempered glass lenses in a stainless steel clamp ring. Minimal installation is required. All lights remain water-cooled and out of sight below the surface.



- Easily installed, similar to Floating Fountain Aerators
- Only requires three feet of depth (½ HP operating depth is 2')
- Works in deeper depths with optional float mounted deep water intake
- ½ to 5½ HP, 1 and 3 phase motors
- Quality stainless steel components
- Night Glow LED or RGBW Lighting Systems now available for all models
- Creates a fluid boil effect, resulting in maximum pumping rates and O₂ transfer

WARRANTY

| | | |
|------------|-----------------------------|---------------|
| ½ HP | 3 Years parts and labor | DOMESTIC |
| 1½ - 5½ HP | 5 Years parts and labor | |
| ½ HP | 2 Years Parts; 1 Year Labor | INTERNATIONAL |
| 1½ - 5½ HP | 3 Years Parts; 1 Year Labor | |

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

HIGH PERFORMANCE DIFFUSED AQUAIR® 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 $\frac{1}{3}$ to 2 HP with one to twelve diffusers.





AQUAIR® SINGLE DIFFUSER

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.

AQUAAIR® ULTRA

AquaAir® Ultra provides ponds and lakes with superior aeration, circulation, and de-stratification. 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 - up to 4000 gallons per minute depending on diffuser depth
- 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



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
- Quad membrane features four flexible 12" membrane discs
- All membranes feature a non-stick coating to prevent biofilm and calcium build-up

COMPRESSORS



- 1/3 HP Single Piston Compressor, 120V & 240V Single Phase
- 1/2 HP Dual Piston Compressor, 120V & 240V Single Phase
- 3/4 HP & 1 HP Rotary Vane Compressors, 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
- 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 • AAU 4-6 – 21 L x 17 W x 16.25 H
- Outside Dimensions including overhang of cover & external manifold housing
AAU 7-12 – 28.75 L x 24.13 W x 18 H

SUPER SINK AIR TUBING



- Flexible, will not crack or kink even in cold temperatures
- Self-weighted for easy installation and quick sinking
- 2 sizes available, in 100' coils; 1/2" and 5/8", 1/2": .52" ID x 1.06" OD, 5/8": .63" ID x 1.15" OD
- Utilizes PVC insert fittings for quick connections
- Tubing is available in 500 ft. spools
- 15 year warranty

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.

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) ½ HP | 3 - 3.8A @ 120V 1.1 - 1.5A @ 240V | 2.4 CFM | 2.4 CFM |
| AquaAir® Ultra 2S | 2 | Small | (1) ½ 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 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 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 |
| AquaAir® Ultra 3 Rotary Vane | 3 | Medium | (1) ¾ HP | 7.4 - 8.8A @ 120V 3.7 - 4.4A @ 240V | 9.4 CFM | 3.1 CFM |
| AquaAir® Ultra 4 Rotary Vane | 4 | Medium | (1) ¾ HP | 7.4 - 8.8A @ 120V 3.7 - 4.4A @ 240V | 9.4 CFM | 2.4 CFM |
| AquaAir® Ultra 5 Rotary Vane | 5 | Medium | (1) 1 HP | 9.6 - 11.3A @ 120V 4.8 - 5.7A @ 240V | 11.8 CFM | 2.4 CFM |
| AquaAir® Ultra 6 Rotary Vane | 6 | Medium | (1) 1 HP | 9.6 - 11.3A @ 120V 4.8 - 5.7A @ 240V | 11.8 CFM | 2 CFM |

CFM = Cubic Feet per Minute (Air Flow)

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

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

SYSTEM SIZING GUIDE

*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.

| 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 ½ | 4' - 12' |
| 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 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' |
| 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' |

| System | Suggested Pond Size (surface acreage*) | Operating Depths |
|------------------------------|--|-----------------------|
| 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' |
| AquaAir® Ultra 3 Rotary Vane | Up to 1½ Up to 3 | 4' - 12' 13' - 16' |
| AquaAir® Ultra 4 Rotary Vane | Up to 2 Up to 4 | 4' - 12' 13' - 16' |
| AquaAir® Ultra 5 Rotary Vane | Up to 2.5 Up to 5 | 4' - 12' 13' - 16' |
| AquaAir® Ultra 6 Rotary Vane | Up to 3 Up to 6 | 4' - 12' 13' - 16' |

50 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) ½ HP | 0.7 – 1.2A @ 220V | 0.06 CMM | 0.06 CMM |
| AquaAir® Ultra 2S | 2 | Small | (1) ½ 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 | 3 | Medium | (2) ½ HP | 2.8 – 4.0A @ 220V | 0.24 CMM | 0.08 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 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 |
| AquaAir® Ultra 3 Rotary Vane | 3 | Medium | (1) ¾ HP | 4.0 – 4.6A @220V | 0.21 CMM | 0.07 CMM |
| AquaAir® Ultra 4 Rotary Vane | 4 | Medium | (1) ¾ HP | 4.0 – 4.6A @220V | 0.21 CMM | 0.05 CMM |
| AquaAir® Ultra 5 Rotary Vane | 5 | Medium | (1) 1 HP | 5.2 – 5.7A @220V | 0.27 CMM | 0.054 CMM |
| AquaAir® Ultra 6 Rotary Vane | 6 | Medium | (1) 1 HP | 5.2 – 5.7A @220V | 0.27 CMM | 0.045 CMM |

CMM = Cubic Meters per Minute (Air Flow)

* 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 SIZING GUIDE

| 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 – 3.7m |
| 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 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 |
| AquaAir® Ultra 6 High Flow | Up to 1.4 Up to 2.8 | 1.2 – 3.7m 4.0 – 10.7m |
| AquaAir® Ultra7 High Flow | Up to 1.4 Up to 2.8 | 1.2 – 3.7m 4.0 – 10.7m |

| System | Suggested Pond Size (Ha) | Operating Depths |
|------------------------------|--------------------------|---------------------------|
| 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 |
| AquaAir® Ultra 3 Rotary Vane | Up to 0.6 Up to 1.2 | 1.2 – 3.7m 4.0 – 4.9m |
| AquaAir® Ultra 4 Rotary Vane | Up to 0.8 Up to 1.6 | 1.2 – 3.7m 4.0 – 4.9m |
| AquaAir® Ultra 5 Rotary Vane | Up to 1 Up to 2 | 1.2 – 3.7m 4.0 – 4.9m |
| AquaAir® Ultra 6 Rotary Vane | Up to 1 Up to 2 | 1.2 – 3.7m 4.0 – 4.9m |

OXYMAX®

Oxymax® Aeration System works from the bottom of the pond, completely submerged, out of sight and silent. A solution to water quality problems when no fountain spray pattern is desired. These units are environmentally friendly and will not disturb your aquatic landscape. It couples an electric motor to a propeller water transport system. The oxygen-depleted water is moved rapidly from the bottom of the pond directly and efficiently to the surface. The cooler, denser water absorbs oxygen as it quickly spreads across the pond. It returns down through the destratified layers, providing equal distribution of oxygenated water.

Oxymax® System Features

- Totally out of sight and silent, submerged to bottom
- Lightweight, small size makes it highly mobile and easily relocated for spot problems (½ HP)
- Ideal for fish impoundments, keeps ponds open year round (where applicable) eliminating winter kill
- No possible freeze damage - aerator is totally submerged
- Submerged motor and seals lubricated by non-toxic food grade oil for longer life
- ½ to 5 HP, 1 and 3 phase motors
- Easily adapts to any pond 2½' to 20' deep
- Low-profile motor mounted below waterline
- Quality stainless steel components

Oxymax® Sizing

General Rule of Thumb:

2 HP per surface acre.

Increase number of units for ponds with restricted circulation and/or severe nutrient load conditions.



WARRANTY

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

| DOMESTIC | ½ HP | 3 Years parts and labor |
|----------|------------|-------------------------|
| | 1½ - 5½ HP | 5 Years parts and labor |

| INTERNATIONAL | ½ HP | 2 Years Parts; 1 Year Labor |
|---------------|------------|-----------------------------|
| | 1½ - 5½ HP | 3 Years Parts; 1 Year Labor |

PERFORMANCE SPECIFICATIONS

| 60Hz | HORSEPOWER | VOLTAGE & PHASE | APPROX. AMPS | MINIMUM OPERATING DEPTH | MAXIMUM OPERATING DEPTH |
|------------|------------|-----------------|--------------|-------------------------|-------------------------|
| | ½ | | 120 : 1 PH | 5 | 2.5' |
| 240 : 1 PH | | | 2.5 | | |
| 1 | | 120 : 1 PH | 18 | 5' | 20' |
| | | 240 : 1 PH | 9 | | |
| | | 230 : 3 PH | 5 | | |
| | | 460 : 3 PH | 2.5 | | |
| 2 | | 240 : 1 PH | 12 | 5' | 20' |
| | | 230 : 3 PH | 6 | | |
| | | 460 : 3 PH | 3 | | |
| 3 | | 230 : 3 PH | 10 | 5' | 20' |
| | | 460 : 3 PH | 5 | | |
| 3½ | | 240 : 1 PH | 15 | 5' | 20' |
| 5 | | 240 : 1 PH | 26 | 5' | 20' |
| | | 230 : 3 PH | 12 | | |
| | | 460 : 3 PH | 6 | | |

| 50Hz | HORSEPOWER | VOLTAGE & PHASE | APPROX. AMPS | MINIMUM OPERATING DEPTH | MAXIMUM OPERATING DEPTH |
|------------------|------------|------------------|--------------|-------------------------|-------------------------|
| | ½ | | 220 : 1 PH | 2.4 | 2.5' (0.8m) |
| 380 - 415 : 3 PH | | | 2.9 | | |
| 1 | | 220 : 1 PH | 10 | 5' (1.5m) | 20' (6m) |
| | | 380 - 415 : 3 PH | 2.9 | | |
| 2 | | 220 : 1 PH | 12.5 | 5' (1.5m) | 20' (6m) |
| | | 380 - 415 : 3 PH | 4 | | |
| 3 | | 220 : 1 PH | 19 | 5' (1.5m) | 20' (6m) |
| | | 380 - 415 : 3 PH | 5 | | |
| 5 | | 220 : 1 PH | 28 | 5' (1.5m) | 20' (6m) |
| | | 380 - 415 : 3 PH | 9 | | |

ULTIMAX® DIRECTIONAL FLOW AERATION



This series of aerators provides horizontal circulation of water and oxygen, at or below the surface. Powered by our exclusive submerged electric motor, the specifically designed propeller circulates water directionally. Available in either surface float or bottom fixed base version.

Ultimax® System Features

- Low-profile motor mounted below waterline
- Shrouded propeller creates greater circulation
- Adjustable attack angle for greatest efficiency
- Can operate in as little as 2' of depth
- Quality stainless steel components
- Submerged motor and seals lubricated by non-toxic food grade oil for longer life
- Site specific with maximum zone of influence

Ultimax® Fixed Base Mount Features

- Easily adapt to any pond 2.5' to 10' deep
- Not susceptible to freeze damage — aerator is totally submerged
- Ideal for fish impoundments, keeps ponds open year round (where applicable) eliminating winter kill

Ultimax® Sizing

General Rule of Thumb: 3 HP per surface acre.

Increase number of units for ponds with restricted circulation and/or severe nutrient load conditions.



WARRANTY

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

| | | |
|------------|-------------------------|----------|
| ½ HP | 3 Years parts and labor | DOMESTIC |
| 1½ - 5½ HP | 5 Years parts and labor | |

| | | |
|------------|-----------------------------|---------------|
| ½ HP | 2 Years Parts; 1 Year Labor | INTERNATIONAL |
| 1½ - 5½ HP | 3 Years Parts; 1 Year Labor | |

PERFORMANCE SPECIFICATIONS

| HORSEPOWER | VOLTAGE & PHASE | APPROX. AMPS | MINIMUM OPERATING DEPTH | MAXIMUM OPERATING DEPTH | (B) MAXIMUM OPERATING DEPTH |
|------------|-----------------|--------------|-------------------------|-------------------------|-----------------------------|
| ½ | 120 : 1 PH | 5 | 2' (B) 3' | UNLIMITED | 20' |
| | 240 : 1 PH | 2.5 | | | |
| 1 | 120 : 1 PH | 18 | 3' | UNLIMITED | 20' |
| | 240 : 1 PH | 9 | | | |
| | 230 : 3 PH | 5 | | | |
| | 460 : 3 PH | 2.5 | | | |
| 2 | 240 : 1 PH | 12 | 3' | UNLIMITED | 20' |
| | 230 : 3 PH | 6 | | | |
| | 460 : 3 PH | 3 | | | |
| 3 | 230 : 3 PH | 10 | 3' | UNLIMITED | 20' |
| | 460 : 3 PH | 5 | | | |
| 3½ | 240 : 1 PH | 15 | 3' | UNLIMITED | 20' |
| 5 | 240 : 1 PH | 26 | 3' | UNLIMITED | 20' |
| | 230 : 3 PH | 12 | | | |
| | 460 : 3 PH | 6 | | | |

| HORSEPOWER | VOLTAGE & PHASE | APPROX. AMPS | MINIMUM OPERATING DEPTH | MAXIMUM OPERATING DEPTH | (B) MAXIMUM OPERATING DEPTH |
|------------|------------------|--------------|-------------------------|-------------------------|-----------------------------|
| ½ | 220 : 1 PH | 2.4 | 2' (0.6m) B 3' (1m) | UNLIMITED | 10' (3m) |
| 1 | 220 : 1 PH | 10 | 3' (1m) | UNLIMITED | 10' (3m) |
| | 380 - 415 : 3 PH | 2.9 | | | |
| 2 | 220 : 1 PH | 12.5 | 3' (1m) | UNLIMITED | 10' (3m) |
| | 380 - 415 : 3 PH | 4 | | | |
| 3 | 220 : 1 PH | 19 | 3' (1m) | UNLIMITED | 10' (3m) |
| | 380 - 415 : 3 PH | 5 | | | |
| 5 | 220 : 1 PH | 28 | 3' (1m) | UNLIMITED | 10' (3m) |
| | 380 - 415 : 3 PH | 9 | | | |

(B) Designates a bottom mounted Fixed Base Ultimax® unit

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 new 11W LED light from AquaMaster® Fountains and Aerators offers a color diode board assembly LEDs in white, red, green, blue, and amber. The colored lenses will be 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 Listing Pending
- White: 1000 lumens
- Red: 350 lumens
- Green: 650 lumens
- Blue: 150 lumens
- Amber: 250 lumens
- Color Temperature: 5000K
- Rated Life: 40,000 hours



22 WATT LED

Our new 22 watt model is the next generation of LED Night Glow Lighting. This new 22W LED model is more efficient, provides greater light output, and produces a brilliant color generated by a specific color 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
- UL Listing Pending
- White: 1900 lumens
- Red: 625 lumens
- Green: 1250 lumens
- Blue: 300 lumens
- Amber: 500 lumens
- Color Temperature: 5000K
- Rated Life: 40,000 hours



35 WATT LED



AquaMaster® Fountains and Aerators introduces 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

- Operates at 90-305 VAC
- 3 year warranty including LED lamps
- SS submersible fixtures w/SS braided fixture jumper cables
- Aqua Lock Connector (ALC) Included
- Standard 14 ga. Cable
- White: 3900 lumens
- Red: 510 lumens
- Green: 1710 lumens
- Blue: 400 lumens
- Amber: 205 lumens
- Color Temperature: 5000K
- Rated Life: 40,000 hours

20 & 40 WATT RGBW



AquaMaster® Fountains and Aerators proudly introduce programmable, color changing fountain lighting to its Night Glow Lighting System offering. These new RGBW LED lighting systems consist of the option for 20 W 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
- WiFi 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 120V & 220V
- UL Listing Pending
- Can be retrofitted to existing AquaMaster fountains. Inquire about other brands
- Standard 14/5 Cable
- 20W RGBW- Total: 940 lumens
Red: 155 lumens
Green: 290 lumens
Blue: 120 lumens
White: 375 lumens
White Color Temperature: 7000K
Rated Life: 40,000 hours
- 40W RGBW- Total: 1433 lumens
Red: 284 lumens
Green: 425 lumens
Blue: 100 lumens
White: 624 lumens
White Color Temperature: 5500K
Rated Life: 40,000 hours





AquaMaster® products are even more dramatic at night with the addition of a Night Glow LED Lighting System. LED lighting reduces power consumption, increases brightness and runs cooler using copper heat sink delivering a higher luminous efficacy—More light, less heat.

MASTER THE POWER AND BEAUTY OF WATER

60 Hz

LIGHTING CABLE LENGTH CHART

| DOMESTIC AND INTERNATIONAL 60Hz | | | | | | | | | |
|---------------------------------|---------------|-------|-------------|------------------------|---------|---------|--------|--------|--------|
| 3 Conductor | | | | Copper Wire Gauge Size | | | | | |
| Watts Per Fixture | # of Fixtures | Volts | Approx Amps | #14(ft) | #12(ft) | #10(ft) | #14(m) | #12(m) | #10(m) |
| 11 | 2 | 120 | 0.183 | 5279 | 8182 | 13636 | 1609 | 2494 | 4156 |
| 11 | 3 | 120 | 0.275 | 3519 | 5455 | 9091 | 1073 | 1663 | 2771 |
| 11 | 4 | 120 | 0.367 | 2639 | 4091 | 6818 | 804 | 1247 | 2078 |
| 22 | 2 | 120 | 0.283 | 3416 | 5294 | 8824 | 1041 | 1614 | 2689 |
| 22 | 3 | 120 | 0.425 | 2277 | 3529 | 5882 | 694 | 1076 | 1793 |
| 22 | 4 | 120 | 0.567 | 1708 | 2647 | 4412 | 521 | 807 | 1345 |
| 22 | 6 | 120 | 0.850 | 1139 | 1765 | 2941 | 347 | 538 | 896 |
| 22 | 8 | 120 | 1.133 | 854 | 1324 | 2206 | 260 | 403 | 672 |
| 22 | 12 | 120 | 1.700 | 569 | 882 | 1471 | 174 | 269 | 448 |
| 35 | 2 | 120 | 0.583 | 1659 | 2571 | 4286 | 506 | 784 | 1306 |
| 35 | 3 | 120 | 0.875 | 1106 | 1714 | 2857 | 337 | 523 | 871 |
| 35 | 4 | 120 | 1.167 | 829 | 1286 | 2143 | 253 | 392 | 653 |
| 35 | 6 | 120 | 1.750 | 553 | 857 | 1429 | 169 | 261 | 435 |
| 35 | 8 | 120 | 2.333 | 415 | 643 | 1071 | 126 | 196 | 327 |
| 35 | 12 | 120 | 3.500 | 276 | 429 | 714 | 84 | 131 | 218 |

| 5 Conductor | | | | Copper Wire Gauge Size | | | | | |
|-------------------|---------------|-------|-------------|------------------------|---------|---------|--------|--------|--------|
| Watts Per Fixture | # of Fixtures | Volts | Approx Amps | #14(ft) | #12(ft) | #10(ft) | #14(m) | #12(m) | #10(m) |
| 20 RGBW | 2 | 120 | 0.333 | 2903 | 885 | 4500 | 1372 | 7500 | 2286 |
| 20 RGBW | 3 | 120 | 0.500 | 1935 | 590 | 3000 | 914 | 5000 | 1524 |
| 20 RGBW | 4 | 120 | 0.667 | 1452 | 442 | 2250 | 686 | 3750 | 1143 |
| 40 RGBW | 2 | 120 | 0.667 | 1452 | 442 | 2250 | 686 | 3750 | 1143 |
| 40 RGBW | 3 | 120 | 1.000 | 968 | 295 | 1500 | 457 | 2500 | 762 |
| 40 RGBW | 4 | 120 | 1.333 | 726 | 221 | 1125 | 343 | 1875 | 572 |
| 40 RGBW | 6 | 120 | 2.000 | 484 | 147 | 750 | 229 | 1250 | 381 |
| 40 RGBW | 8 | 120 | 2.667 | 363 | 111 | 563 | 171 | 938 | 286 |
| 40 RGBW | 12 | 120 | 4.000 | 242 | 74 | 375 | 114 | 625 | 191 |

LIGHTING CABLE LENGTH CHART

| INTERNATIONAL 50Hz | | | | | | |
|--------------------|---------------|-------|-------------|-----------|-----------|---------|
| Watts Per Fixture | # of Fixtures | Volts | Approx Amps | 3x1.5 (m) | 3x2.5 (m) | 3x4 (m) |
| 11 | 2 | 220 | 0.100 | 3847 | 6412 | 10259 |
| 11 | 3 | 220 | 0.150 | 2564 | 4275 | 6839 |
| 11 | 4 | 220 | 0.200 | 1923 | 3206 | 5129 |
| 22 | 2 | 220 | 0.155 | 2489 | 4149 | 6638 |
| 22 | 3 | 220 | 0.232 | 1659 | 2766 | 4425 |
| 22 | 4 | 220 | 0.309 | 1244 | 2074 | 3319 |
| 22 | 6 | 220 | 0.464 | 830 | 1383 | 2213 |
| 22 | 8 | 220 | 0.618 | 622 | 1037 | 1659 |
| 22 | 12 | 220 | 0.927 | 415 | 691 | 1106 |
| 35 | 2 | 220 | 0.318 | 1209 | 2015 | 3324 |
| 35 | 3 | 220 | 0.477 | 806 | 1343 | 2149 |
| 35 | 4 | 220 | 0.636 | 604 | 1008 | 1612 |
| 35 | 6 | 220 | 0.955 | 403 | 672 | 1075 |
| 35 | 8 | 220 | 1.273 | 302 | 504 | 806 |
| 35 | 12 | 220 | 1.909 | 201 | 336 | 537 |
| Watts Per Fixture | # of Fixtures | Volts | Approx Amps | 5x1.5 (m) | 5x2.5 (m) | 5x4 (m) |
| 20 RGBW | 2 | 220 | 0.182 | 2116 | 3527 | 5642 |
| 20 RGBW | 3 | 220 | 0.273 | 1410 | 2351 | 3761 |
| 20 RGBW | 4 | 220 | 0.364 | 1058 | 1763 | 2821 |
| 40 RGBW | 2 | 220 | 0.364 | 1058 | 1763 | 2821 |
| 40 RGBW | 3 | 220 | 0.545 | 705 | 1176 | 1881 |
| 40 RGBW | 4 | 220 | 0.727 | 529 | 882 | 1411 |
| 40 RGBW | 6 | 220 | 1.091 | 353 | 588 | 940 |
| 40 RGBW | 8 | 220 | 1.455 | 264 | 441 | 705 |
| 40 RGBW | 12 | 220 | 2.182 | 176 | 294 | 470 |

Discover the Power & Beauty of the Masters Series® by AquaMaster®. These revolutionary fountains are available in a wide variety of spray patterns. All Masters Series® (except Captiva & Kiawah) are interchangeable and provide you with the ability to change spray patterns. (Flow straightener may be required.) This flexibility gives you the power to create dazzling waterscapes while improving water quality.

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.



SEQUENCER

AquaMaster® Fountains and Aerators now offers a new and improved Sequencer. This sequencer is ideal for applications where limited programmed show lighting is desired at a lower cost than the more advanced, state of the art RGBW models. This new, second generation Sequencer features a simplified touch panel and LED indicator interface that allows for simple change of programs and sequence time settings. Users can now change time between sequences and one unit can sequence both 3 and 4 light sets. Six programs available (5 color changing settings and 1 all on setting).



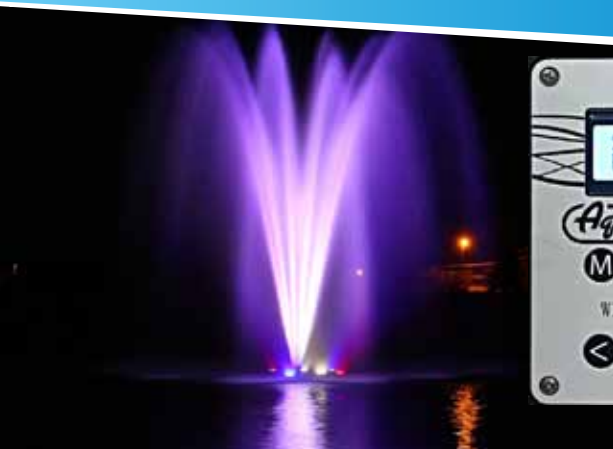
WIFI

AquaMaster® Fountains and Aerators is proud to announce the latest innovation in Night Glow Lighting. The WiFi module adds wireless connectivity to AquaMaster® RGBW lighting systems for multiple light sets. The controller can work with an Android or iOS smart device or Mac or Windows computer. The app and Mac/Windows software is free, but iOS/Android users must purchase the app for a small fee in both iTunes and the Play Store. An optional tablet will be available with the app pre-loaded and connection set up to the controller it will ship with.

- Choose colors with a color palette
- Set channels (RGBW) individually for all lights
- Choose from programs loaded onto the controller
- Change lights remotely without opening the electrical cabinet from a distance of up to 100'



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.



LARGE STAINLESS STEEL INTAKE SCREEN

½ to 5 HP design. Customized for use in high debris water.



CAPACITOR TESTER

The capacitor tester can reliably test all capacitors from 0.01 MFD to 10,000 MFD. It is designed to meet all industrial specifications and service requirements.



AQUALOCK CONNECTOR (ALC)

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



DEEP WATER INTAKE

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



MEGOHMMETER

Rangest 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:

- Surge arrestor
- Photocells for lighting
- Variable Frequency Drives (VFD)
- Phase monitors for 3 phase power
- Low water shut-off terminal connectors
- Armored protected power cable to prevent rodent damage





MASTER THE **POWER AND BEAUTY** OF WATER

Discover the Power & Beauty of the Masters Series® by AquaMaster®. These revolutionary fountains are available in a wide variety of spray patterns. All Masters Series® (except Captiva & Kiawah) are interchangeable and provide you with the ability to change spray patterns. (Flow straightener may be required.) This flexibility gives you the power to create dazzling waterscapes while improving water quality.

NOTES

POND SIZING CHARTS

MASTERS SERIES®

60 Hz

| HORSEPOWER | EFFECTIVE POND SIZE (S.A) | MINIMUM OPERATING DEPTH (ft) |
|------------|---------------------------|------------------------------|
| ½ | ½ | 2 |
| 1 | ¾ | 3 |
| 2 | 1 | 3 |
| 3 | 1 - 1½ | 3 |
| 3½ | 1 - 1½ | 3 |
| 5 | 2 | 3 |
| 7½ | 3 | 4 |
| 10 | 4 | 4 |

* 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) |
|------------|---------------------------|-----------------------------|
| ½ | 0.2 | 0.9 |
| 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 |

* 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 & HYDROMAX SERIES

60 Hz

| HORSEPOWER | EFFECTIVE POND SIZE (S.A) | MINIMUM OPERATING DEPTH (ft) |
|------------|---------------------------|------------------------------|
| ½ | Up to ¾ | 2 |
| 1½ | Up to 1 | 3 |
| 3½ | 1 + | 3 |
| 5½ | 1 + | 3 |

* 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) |
|------------|---------------------------|-----------------------------|
| ½ | Up to 0.3 | 0.6 |
| 1½ | Up to 0.4 | 0.9 |
| 3½ | 0.4 + | 0.9 |
| 5½ | 0.4 + | 0.9 |

* 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.

60 Hz Unit Cable Sizing Chart

IMPORTANT - Maximum recommended cable lengths referenced are measured from Control Panel to In-water motor. To ensure proper sized cable runs AquaMaster® recommends consulting a Licensed Electrician to properly size any underground cable from the main power source to our control panel. Cable runs to the panel located away from main power source requires recalculating voltage drop to insure proper cable sizing. Actual voltage to motor will affect your fountain's performance which may require upsizing the unit cable. Please contact AquaMaster® if assistance is required.

| Single Phase 3 Conductor | | | 3 Conductor Copper Wire Gauge Size | | | | | | | | | | | | | |
|--------------------------|---------|-------------|------------------------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| Unit | Volts | Approx Amps | #14 (ft) | #12 (ft) | #10 (ft) | #8 (ft) | #6 (ft) | #4 (ft) | #2 (ft) | #14 (m) | #12 (m) | #10 (m) | #8 (m) | #6 (m) | #4 (m) | #2 (m) |
| ½ HP | 120 | 5.6 | 173 | 268 | 446 | 687 | 1093 | 1728 | 2679 | 53 | 82 | 136 | 209 | 333 | 527 | 817 |
| ½ HP | 208-240 | 2.8 | 599 | 929 | 1548 | 2381 | 3790 | 5991 | 9286 | 183 | 283 | 472 | 726 | 1155 | 1826 | 2830 |
| ¾ HP | 120 | 7.5 | 129 | 200 | 333 | 513 | 816 | 1290 | 2000 | 39 | 61 | 101 | 156 | 249 | 393 | 610 |

4 Conductor: Required on all 1 - 10HP Single Phase & Three Phase Aerators

| Single Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | | | | | | | | |
|--------------------------|----------|-------------|------------------------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| Unit | Volts | Approx Amps | #14 (ft) | #12 (ft) | #10 (ft) | #8 (ft) | #6 (ft) | #4 (ft) | #2 (ft) | #14 (m) | #12 (m) | #10 (m) | #8 (m) | #6 (m) | #4 (m) | #2 (m) |
| 1 HP | 120 | 19 | -- | -- | 132 | 202 | 322 | 509 | 789 | -- | -- | 40 | 62 | 98 | 155 | 240 |
| 1 HP | 208-240 | 9.6 | -- | 271 | 451 | 694 | 1105 | 1747 | 2708 | -- | 83 | 137 | 212 | 337 | 532 | 825 |
| 2 HP | 208-240 | 12.6 | -- | 206 | 344 | 529 | 842 | 1331 | 2063 | -- | 63 | 105 | 161 | 257 | 406 | 629 |
| 3½ HP | 208-240 | 15.2 | -- | -- | 285 | 439 | 698 | 1104 | 1711 | -- | -- | 87 | 134 | 213 | 336 | 522 |
| 5 HP | 208-240 | 27.1 | -- | -- | -- | 246 | 392 | 619 | 959 | -- | -- | -- | 75 | 119 | 189 | 292 |
| 7½ HP | 220-240* | 42 | -- | -- | -- | 168 | 267 | 422 | 655 | -- | -- | -- | 51 | 81 | 129 | 200 |
| 10HP | 220-240* | 60 | -- | -- | -- | -- | 187 | 296 | 458 | -- | -- | -- | -- | 57 | 90 | 140 |

* The 7½ HP and 10 HP 1 PH models require a minimum voltage of 220V.

| Three Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | | | | | | | | |
|-------------------------|---------|-------------|------------------------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| Unit | Volts | Approx Amps | #14 (ft) | #12 (ft) | #10 (ft) | #8 (ft) | #6 (ft) | #4 (ft) | #2 (ft) | #14 (m) | #12 (m) | #10 (m) | #8 (m) | #6 (m) | #4 (m) | #2 (m) |
| 1 HP | 208-240 | 5.4 | -- | 556 | 927 | 1426 | 2269 | 3587 | 5560 | -- | 169 | 283 | 435 | 692 | 1093 | 1695 |
| 1 HP | 440-480 | 2.7 | -- | 2352 | 3920 | 6031 | 9601 | 15176 | 23522 | -- | 717 | 1195 | 1838 | 2926 | 4626 | 7170 |
| 2 HP | 208-240 | 6.3 | -- | 477 | 794 | 1222 | 1945 | 3075 | 4766 | -- | 145 | 242 | 372 | 593 | 937 | 1453 |
| 2 HP | 440-480 | 3.1 | -- | 2049 | 3415 | 5253 | 8362 | 13218 | 20487 | -- | 625 | 1041 | 1601 | 2549 | 4029 | 6244 |
| 3 HP | 208-240 | 10.1 | -- | 297 | 495 | 762 | 1213 | 1918 | 2973 | -- | 91 | 151 | 232 | 370 | 585 | 906 |
| 3 HP | 440-480 | 5.1 | -- | 1245 | 2076 | 3193 | 5083 | 8034 | 12453 | -- | 379 | 633 | 973 | 1549 | 2449 | 3796 |
| 5 HP | 208-240 | 18 | -- | -- | 278 | 428 | 681 | 1076 | 1668 | -- | -- | 85 | 130 | 208 | 328 | 508 |
| 5 HP | 440-480 | 9 | -- | 706 | 1176 | 1809 | 2880 | 4553 | 7057 | -- | 215 | 358 | 551 | 878 | 1388 | 2151 |
| 7½ HP | 208-240 | 26.4 | -- | -- | 190 | 292 | 464 | 734 | 1137 | -- | -- | 58 | 89 | 141 | 224 | 347 |
| 7½HP | 440-480 | 13.2 | -- | 481 | 802 | 1234 | 1964 | 3104 | 4811 | -- | 147 | 244 | 376 | 599 | 946 | 1466 |
| 10 HP | 208-240 | 36 | -- | -- | 139 | 214 | 340 | 538 | 834 | -- | -- | 42 | 65 | 104 | 164 | 254 |
| 10 HP | 440-480 | 18 | -- | -- | 588 | 905 | 1440 | 2276 | 3528 | -- | -- | 179 | 276 | 439 | 694 | 1075 |
| 15 HP | 208-240 | 46 | -- | -- | -- | 167 | 266 | 421 | 653 | -- | -- | -- | 51 | 81 | 128 | 199 |
| 15 HP | 440-480 | 23 | -- | -- | 460 | 708 | 1127 | 1781 | 2761 | -- | -- | 140 | 216 | 344 | 543 | 842 |
| 20 HP | 208-240 | 58 | -- | -- | -- | 133 | 211 | 334 | 518 | -- | -- | -- | 41 | 64 | 102 | 158 |
| 20 HP | 440-480 | 29 | -- | -- | 365 | 562 | 894 | 1413 | 2190 | -- | -- | 111 | 171 | 272 | 431 | 668 |
| 25 HP | 208-240 | 72 | -- | -- | -- | -- | 170 | 269 | 417 | -- | -- | -- | -- | 52 | 82 | 127 |
| 25 HP | 440-480 | 36 | -- | -- | 294 | 452 | 720 | 1138 | 1764 | -- | -- | 90 | 138 | 219 | 347 | 538 |

Volcano II Cable Sizing Chart

| Three Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | | | | | | | | |
|-------------------------|---------|-------------|------------------------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| Unit | Volts | Approx Amps | #14 (ft) | #12 (ft) | #10 (ft) | #8 (ft) | #6 (ft) | #4 (ft) | #2 (ft) | #14 (m) | #12 (m) | #10 (m) | #8 (m) | #6 (m) | #4 (m) | #2 (m) |
| ½ | 120 | 7 | 138 | 214 | 357 | 549 | 875 | 1382 | 2164 | 42 | 65 | 109 | 167 | 267 | 421 | 660 |
| ½ | 208-240 | 3.5 | 479 | 743 | 1238 | 1905 | 3032 | 4793 | 7502 | 146 | 226 | 377 | 581 | 924 | 1461 | 2287 |
| 1½ | 208-240 | 8 | - | 325 | 542 | 833 | 1327 | 2097 | 3282 | - | 99 | 165 | 254 | 404 | 639 | 1000 |
| 3½ | 208-240 | 16 | - | 163 | 271 | 417 | 663 | 1048 | 1641 | - | 50 | 83 | 127 | 202 | 319 | 500 |
| 5½ | 208-240 | 26 | - | - | 167 | 256 | 408 | 645 | 1000 | - | - | 51 | 78 | 124 | 197 | 305 |

| Three Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | | | | | | | | |
|-------------------------|---------|-------------|------------------------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| Unit | Volts | Approx Amps | #14 (ft) | #12 (ft) | #10 (ft) | #8 (ft) | #6 (ft) | #4 (ft) | #2 (ft) | #14 (m) | #12 (m) | #10 (m) | #8 (m) | #6 (m) | #4 (m) | #2 (m) |
| 1½ | 208-240 | 6 | - | 500 | 834 | 1283 | 2042 | 3228 | 5053 | - | 152 | 254 | 391 | 622 | 984 | 1540 |
| 1½ | 440-480 | 3 | - | 2117 | 3528 | 5428 | 8641 | 13658 | 21381 | - | 645 | 1075 | 1654 | 2634 | 4163 | 6517 |
| 3½ | 208-240 | 11 | - | 273 | 455 | 700 | 1114 | 1761 | 2756 | - | 83 | 139 | 213 | 340 | 537 | 840 |
| 3½ | 440-480 | 5.5 | - | 1155 | 1925 | 2961 | 4713 | 7450 | 11662 | - | 352 | 587 | 903 | 1437 | 2271 | 3555 |
| 5½ | 208-240 | 16 | - | 188 | 313 | 481 | 766 | 1211 | 1876 | - | 57 | 95 | 147 | 233 | 369 | 572 |
| 5½ | 440-480 | 8 | - | 790 | 1320 | 2035 | 3240 | 5120 | 7935 | - | 241 | 402 | 620 | 988 | 1561 | 2419 |

50 Hz Unit Cable Sizing Chart

Maximum recommended length from fountain to electrical source, shown in meters. Wire gauge is shown in mm². AquaMaster recommends consulting a Licensed Electrician to properly size any underground cable from the main power source to our fountain. Please contact AquaMaster if assistance is required.

| Single Phase 3 Conductor | | | 3 Conductor Copper Wire Gauge Size | | | | | | |
|--------------------------|-----------|------------------------|------------------------------------|--------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| Unit | Volts | Approx Amps @ 2875 RPM | 3x1.5 (mm ²) | 3x2.5 (mm ²) | 3x4 (mm ²) | 3x6 (mm ²) | 3x10 (mm ²) | 3x16 (mm ²) | 3x25 (mm ²) |
| ½ HP | 220-230 | 3 | 128 | 214 | 342 | 513 | 855 | 1368 | 2137 |
| Single Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | |
| Unit | Volts | Approx Amps @ 2875 RPM | 4x1.5 (mm ²) | 4x2.5 (mm ²) | 4x4 (mm ²) | 4x6 (mm ²) | 4x10 (mm ²) | 4x16 (mm ²) | 4x25 (mm ²) |
| 1 HP | 220-230 | 8 | - | 80 | 128 | 192 | 321 | 513 | 801 |
| 2 HP | 220-230 | 10.5 | - | 61 | 98 | 147 | 244 | 391 | 611 |
| 3½ HP | 220-230 | 19 | - | - | 54 | 81 | 135 | 216 | 337 |
| 5 HP | 220-230 | 24 | - | - | 43 | 64 | 107 | 171 | 267 |
| Three Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | |
| Unit | Volts | Approx Amps @ 2875 RPM | 4x1.5 (mm ²) | 4x2.5 (mm ²) | 4x4 (mm ²) | 4x6 (mm ²) | 4x10 (mm ²) | 4x16 (mm ²) | 4x25 (mm ²) |
| 1 HP | 380 - 415 | 2.6 | - | 492 | 787 | 1180 | 1968 | 3148 | 4919 |
| 2 HP | 380 - 415 | 3.7 | - | 346 | 553 | 829 | 1383 | 2212 | 3456 |
| 3 HP | 380 - 415 | 5 | - | 256 | 409 | 614 | 1023 | 1637 | 2558 |
| 5 HP | 380 - 415 | 8 | - | 160 | 256 | 384 | 640 | 1023 | 1599 |
| 7½ HP | 380 - 415 | 12 | - | 107 | 171 | 256 | 426 | 682 | 1066 |
| 10 HP | 380 - 415 | 18 | - | - | 114 | 170 | 284 | 455 | 710 |
| 15 HP | 380 - 415 | 23 | - | - | 89 | 133 | 222 | 356 | 556 |
| 20 HP | 380 - 415 | 32 | - | - | 64 | 96 | 160 | 256 | 400 |
| 25 HP | 380 - 415 | 38 | - | - | 54 | 81 | 135 | 215 | 337 |

Volcano II Cable Sizing Chart

| Single Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | |
|--------------------------|---------|------------------------|------------------------------------|--------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| Unit | Volts | Approx Amps @ 2875 RPM | 4x1.5 (mm ²) | 4x2.5 (mm ²) | 4x4 (mm ²) | 4x6 (mm ²) | 4x10 (mm ²) | 4x16 (mm ²) | 4x25 (mm ²) |
| ½HP | 220-230 | 3.5 | 110 | 183 | 293 | 440 | 733 | 1173 | 1832 |
| 1½ HP | 220-230 | 11 | 35 | 58 | 93 | 140 | 233 | 373 | 583 |
| Three Phase 4 Conductor | | | 4 Conductor Copper Wire Gauge Size | | | | | | |
| Unit | Volts | Approx Amps @ 2875 RPM | 4x1.5 (mm ²) | 4x2.5 (mm ²) | 4x4 (mm ²) | 4x6 (mm ²) | 4x10 (mm ²) | 4x16 (mm ²) | 4x25 (mm ²) |
| 1½ HP | 380-415 | 3 | 256 | 426 | 682 | 1023 | 1706 | 2728 | 4263 |
| 3½ HP | 380-415 | 5.5 | 139 | 233 | 372 | 558 | 930 | 1488 | 2325 |
| 5½ HP | 380-415 | 8 | 96 | 160 | 256 | 384 | 640 | 1023 | 1599 |

NOTES: 1) For acceptable performance and warranty qualification, minimum voltage at the motor (not the control panel), shall be 208V for 3PH applications. If a 208V 3PH power source is utilized, the use of boost transformers are necessary in most cases. It is recommended to verify voltage at control panel and contact AquaMaster for assistance and recommendations for sizing an acceptable application.

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