



16024 County Rd X, Kiel, WI USA 53042
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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 and 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

EXPEDITED 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.

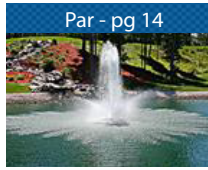
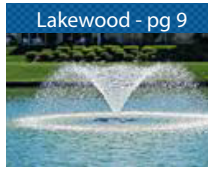
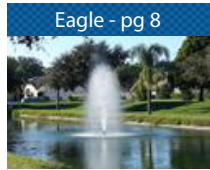
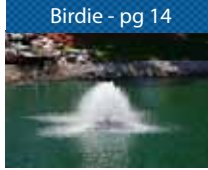
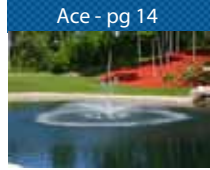


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MASTERS SERIES SPRAY PATTERNS

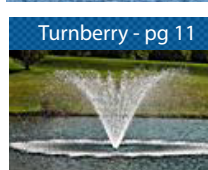
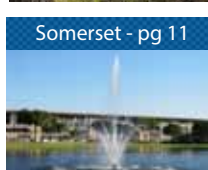
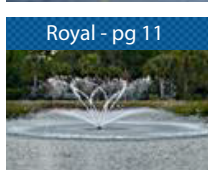
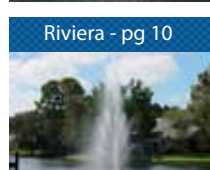
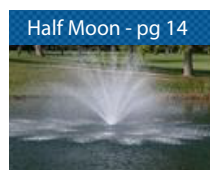
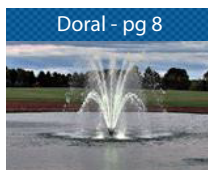
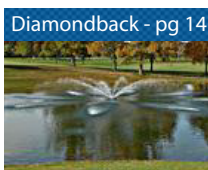
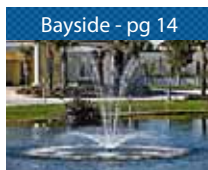
Basic Flow Patterns

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		ZH09
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	ZH09
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

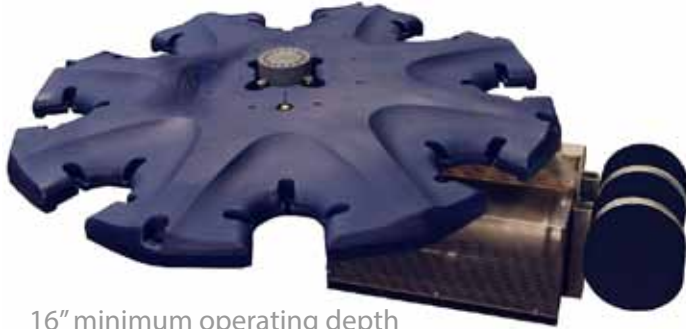
Warranties subject to change. Please contact AquaMaster® for most current warranties.

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



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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

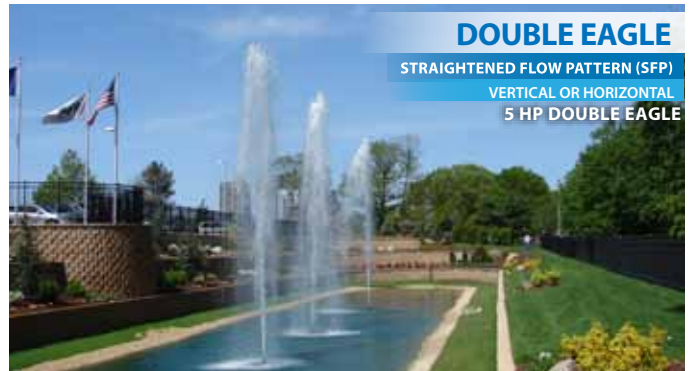


DIAMONDBACK

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

60HZ
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
ZH05



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
ZH05

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	7H09
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



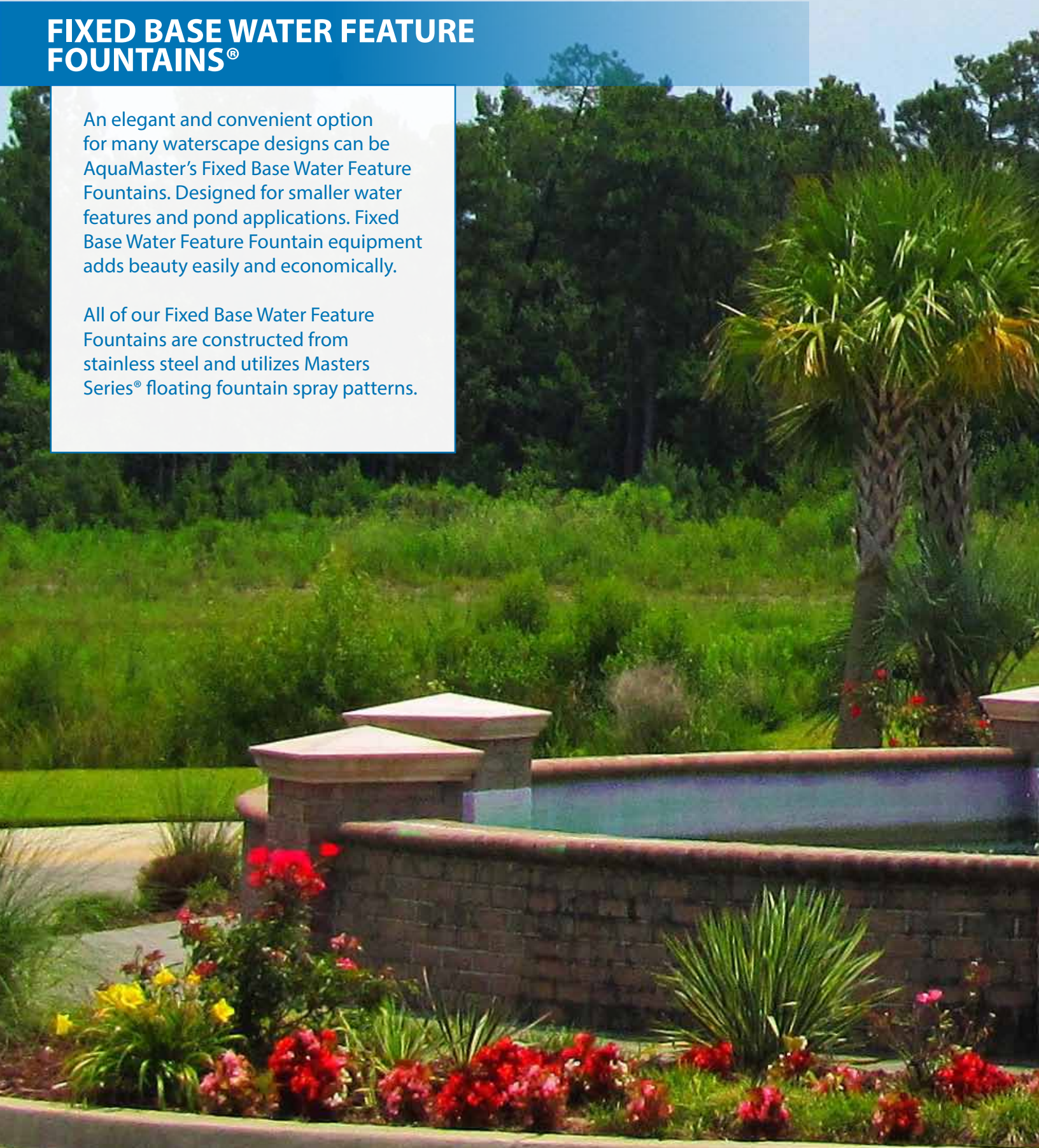
Oversized floatation type tires for ease of launching



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) 1/3 HP	3 - 3.8A @ 120V 1.1 - 1.5A @ 240V	2.4 CFM	2.4 CFM
AquaAir® Ultra 2S	2	Small	(1) 1/3 HP	3 - 3.8A @ 120V 1.1 - 1.5A @ 240V	2.4 CFM	1.2 CFM
AquaAir® Ultra 2	2	Small	(1) 1/2 HP	3.5 - 5A @ 120V 1.7 - 2.5A @ 240V	5 CFM	2.5 CFM
AquaAir® Ultra 3	3	Small	(1) 1/2 HP	3.5 - 5A @ 120V 1.7 - 2.5A @ 240V	5 CFM	1.7 CFM
AquaAir® Ultra 3 High Flow	3	Medium	(2) 1/2 HP	7 - 10A @ 120V 3.4 - 5A @ 240V	10 CFM	3.3 CFM
AquaAir® Ultra 4	4	Medium	(2) 1/2 HP	7 - 10A @ 120V 3.4 - 5A @ 240V	10 CFM	2.5 CFM
AquaAir® Ultra 5	5	Medium	(2) 1/2 HP	7 - 10A @ 120V 3.4 - 5A @ 240V	10 CFM	2 CFM
AquaAir® Ultra 5 High Flow	5	Large	(3) 1/2 HP	10.5 - 15A @ 120V*** 5.1 - 7.5A @ 240V**	15 CFM	3 CFM
AquaAir® Ultra 6	6	Medium	(2) 1/2 HP	7 - 10A @ 120V 3.4 - 5A @ 240V	10 CFM	1.7 CFM
AquaAir® Ultra 6 High Flow	6	Large	(3) 1/2 HP	10.5 - 15A @ 120V 5.1 - 7.5A @ 240V	15 CFM	2.5 CFM
AquaAir® Ultra 7	7	Large	(3) 1/2 HP	10.5 - 15A @ 120V 5.1 - 7.5A @ 240V	15 CFM	2.1 CFM
AquaAir® Ultra 8	8	Large	(3) 1/2 HP	10.5 - 15A @ 120V 5.1 - 7.5A @ 240V	15 CFM	1.9 CFM
AquaAir® Ultra 8 High Flow	8	Large	(4) 1/2 HP	14 - 20A @ 120V 6.8 - 10A @ 240V	20 CFM	2.5 CFM
AquaAir® Ultra 9	9	Large	(3) 1/2 HP	10.5 - 15A @ 120V 5.1 - 7.5A @ 240V	15 CFM	1.7 CFM
AquaAir® Ultra 9 High Flow	9	Large	(4) 1/2 HP	14 - 20A @ 120V 6.8 - 10A @ 240V	20 CFM	2.2 CFM
AquaAir® Ultra 10	10	Large	(4) 1/2 HP	14 - 20A @ 120V 6.8 - 10A @ 240V	20 CFM	2 CFM
AquaAir® Ultra 11	11	Large	(4) 1/2 HP	14 - 20A @ 120V 6.8 - 10A @ 240V	20 CFM	1.8 CFM
AquaAir® Ultra 12	12	Large	(4) 1/2 HP	14 - 20A @ 120V 6.8 - 10A @ 240V	20 CFM	1.7 CFM
AquaAir® Ultra 3 Rotary Vane	3	Medium	(1) 3/4 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) 3/4 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 1/2 Up to 1	4' - 12' 13' - 35'
AquaAir® Ultra 2S	Up to 1/2	4' - 12'
AquaAir® Ultra 2	Up to 1 Up to 2	4' - 12' 13' - 35'
AquaAir® Ultra 3	Up to 1 1/2 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 1 1/2 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) 1/3 HP	0.7 – 1.2A @ 220V	0.06 CMM	0.06 CMM
AquaAir® Ultra 2S	2	Small	(1) 1/3 HP	0.7 – 1.2A @ 220V	0.06 CMM	0.03 CMM
AquaAir® Ultra 2	2	Small	(1) 1/2 HP	1.4 – 2.0A @ 220V	0.12 CMM	0.06 CMM
AquaAir® Ultra 3	3	Small	(1) 1/2 HP	1.4 – 2.0A @ 220V	0.12 CMM	0.04 CMM
AquaAir® Ultra 3	3	Medium	(2) 1/2 HP	2.8 – 4.0A @ 220V	0.24 CMM	0.08 CMM
AquaAir® Ultra 4	4	Medium	(2) 1/2 HP	2.8 – 4.0A @ 220V	0.24 CMM	0.06 CMM
AquaAir® Ultra 5	5	Medium	(2) 1/2 HP	2.8 – 4.0A @ 220V	0.24 CMM	0.05 CMM
AquaAir® Ultra 5 High Flow	5	Large	(3) 1/2 HP	4.2 – 6.0A @220V	0.36 CMM	0.07 CMM
AquaAir® Ultra 6	6	Medium	(2) 1/2 HP	2.8 – 4.0A @ 220V	0.24 CMM	0.04 CMM
AquaAir® Ultra 6 High Flow	6	Large	(3) 1/2 HP	4.2 – 6.0A @220V	0.36 CMM	0.06 CMM
AquaAir® Ultra 7	7	Large	(3) 1/2 HP	4.2 – 6.0A @220V	0.36 CMM	0.05 CMM
AquaAir® Ultra 8	8	Large	(3) 1/2 HP	4.2 – 6.0A @220V	0.36 CMM	0.045 CMM
AquaAir® Ultra 8 High Flow	8	Large	(4) 1/2 HP	5.6 – 8.0A @220V	0.48 CMM	0.06 CMM
AquaAir® Ultra 9	9	Large	(3) 1/2 HP	4.2 – 6.0A @220V	0.36 CMM	0.04 CMM
AquaAir® Ultra 9 High Flow	9	Large	(4) 1/2 HP	5.6 – 8.0A @220V	0.48 CMM	0.053 CMM
AquaAir® Ultra 10	10	Large	(4) 1/2 HP	5.6 – 8.0A @220V	0.48 CMM	0.048 CMM
AquaAir® Ultra 11	11	Large	(4) 1/2 HP	5.6 – 8.0A @220V	0.48 CMM	0.044 CMM
AquaAir® Ultra 12	12	Large	(4) 1/2 HP	5.6 – 8.0A @220V	0.48 CMM	0.04 CMM
AquaAir® Ultra 3 Rotary Vane	3	Medium	(1) 3/4 HP	4.0 – 4.6A @220V	0.21 CMM	0.07 CMM
AquaAir® Ultra 4 Rotary Vane	4	Medium	(1) 3/4 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



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

50 Hz**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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www.aquamasterfountains.com



FLOATING FOUNTAINS

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- Masters Decorative Series
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MASTER THE POWER AND BEAUTY OF WATER

FLC v1