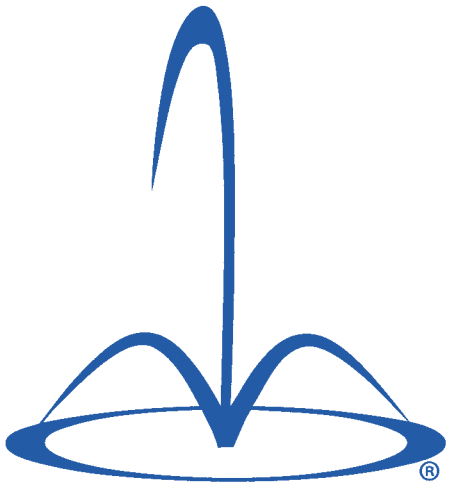


GO TO AQUACONTROL.COM TO SEE A VIDEO



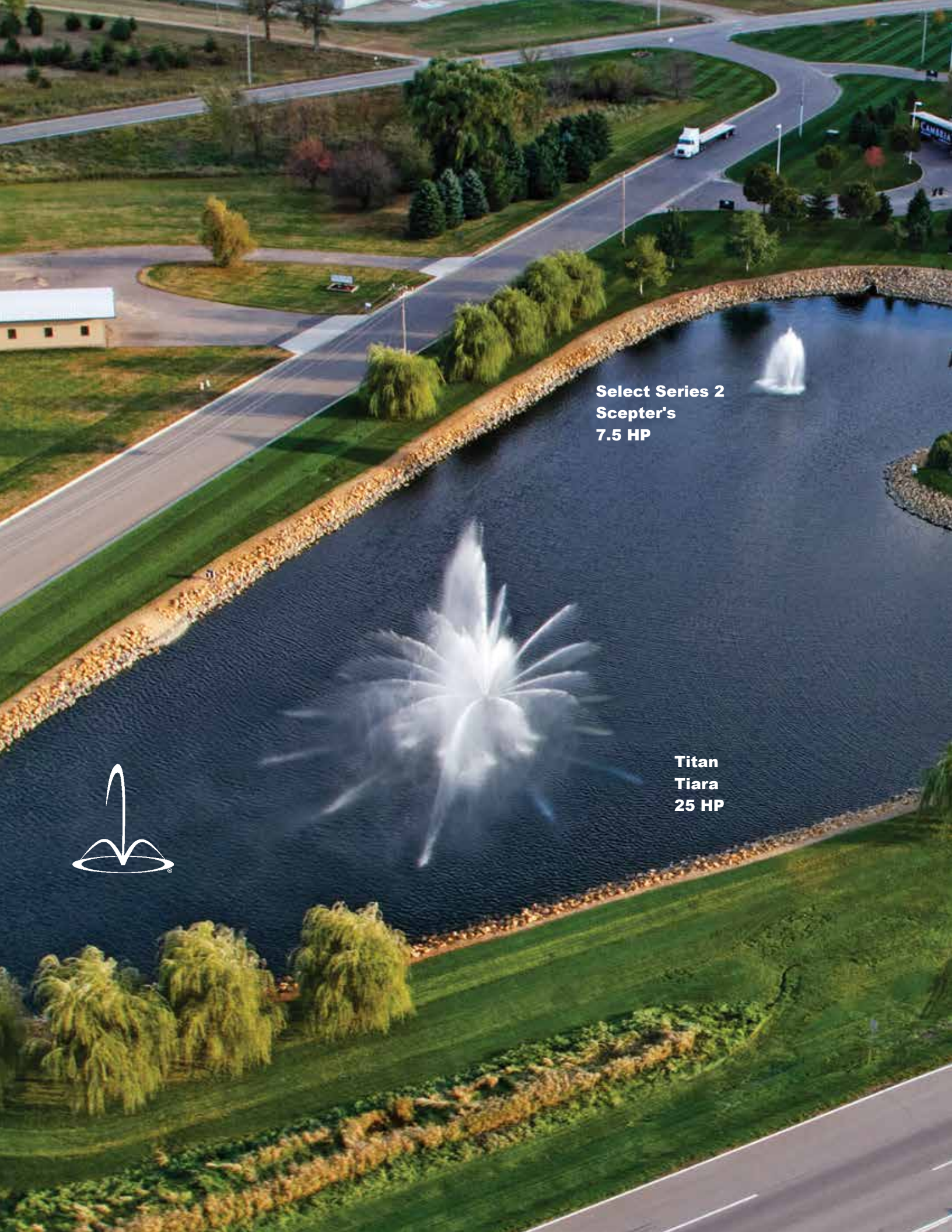


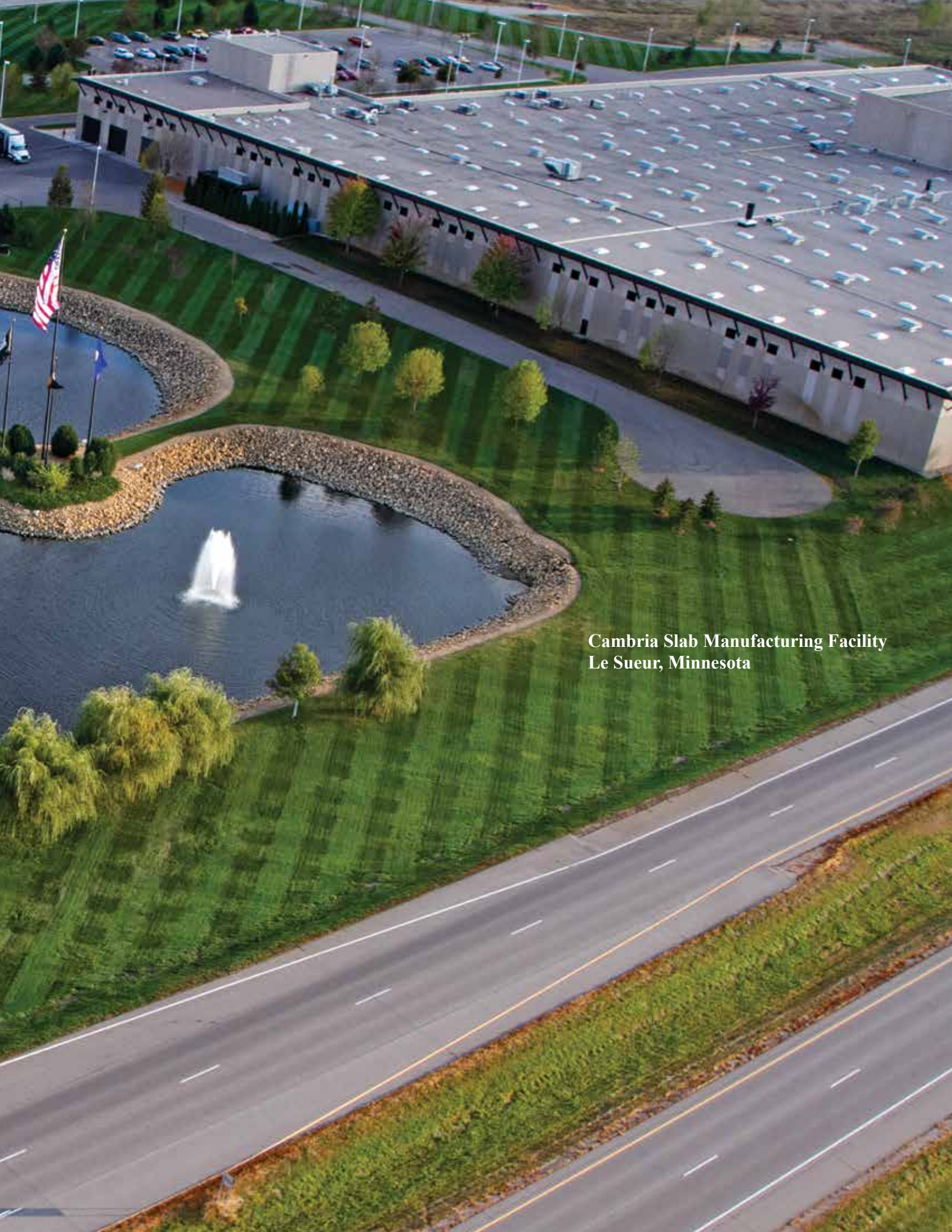
Lily
Tustin Ranch Golf Club
Tustin • California
5 HP



Cluster Arch
Fusion
TWISTING
D & M Landscaping
Spring Valley • Illinois
2 HP




Select Series 2
Scepter's
7.5 HP
Titan
Tiara
25 HP



Cambria Slab Manufacturing Facility
Le Sueur, Minnesota

Evolution Series 14
Matching beauty with function and ease, a perfect solution for your smaller water bodies. Your choice of 0.5HP spray pattern and amazing LED lighting.
Arum 16
Cluster Arch 18
Fleur de Lis 20
Metro 22
Spider & Arch 24
Tiara 26
Tornado 28
Torrent 30
Gusher 32
Evolution Specification Chart 34

Fusion Series 36
Your backyard fountain. 0.5HP through 2 HP Aerating Fountains with multiple patterns at high flow rates. Some patterns can twist. An amazing site day or night.
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Aqua Control

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Beautiful high, defined spray patterns. Pumps designed for high pressure and low flow rates. A wide range of options from 1HP to 5HP, that fit your home or business.

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Custom built pumps with your choice of mount. These pumps range from 0.5HP - 40HP and can be sized by Aqua Control for optimum effect and custom design. An amazing array of waterfall capabilities from wet wells, on solid pads, on pond bottoms, or even in the popular pondless designs.

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You imagine it, we build it. Make your lake or pond one-of-a-kind. Compose your masterpiece and impress your friends. Amazing personnel with Aqua Control® are eagerly waiting to assist you. You imagine it we build it.

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Evolution Series Control Panel 0.5HP 277
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Aqua Control® utilizes a highly trained and knowledgeable distribution network.
Aqua Control® presents accurate flow rates and spray pattern dimensions.
Product offerings expertly built with performance and safety in mind.
Industry leading Technical Support and Customer Service.
Exceptional Features and Competitive Pricing.
Aqua Control® welcomes custom projects.
Product offerings are thoroughly tested.
Well Defined Patterns.

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Aqua Control® has a mission:

to provide the world with the greatest fountains and display aerators, along with amazing customer service and technical support.

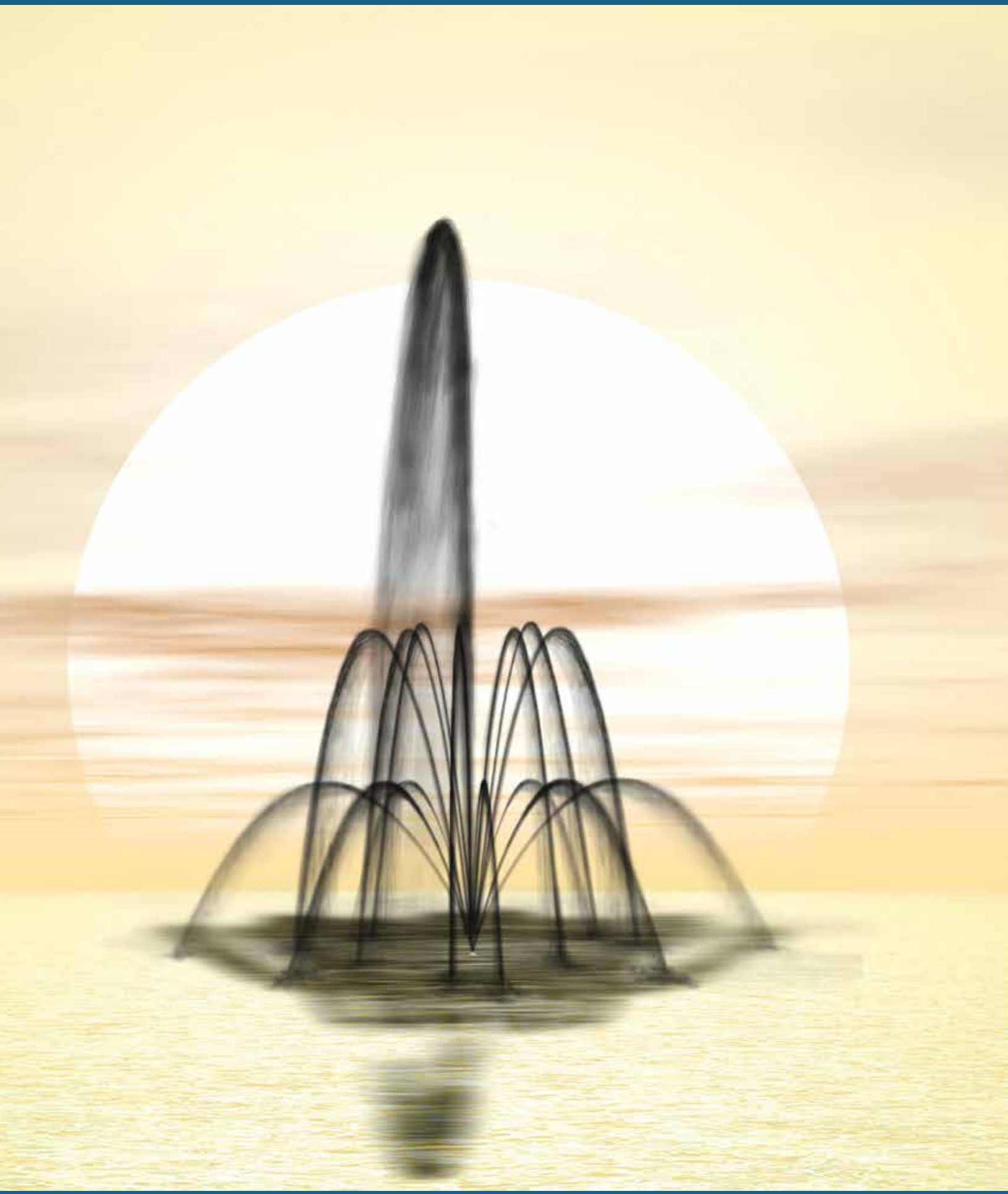
Aqua Control® is continually doing research and development in the industry, leading the way for a continual flow of incredible water features. Aqua Control® has a stunning range of products from Do-It-Yourself plug and perform fountains, to towering Titans blasting geysers 100 feet tall.

We also have everything in between, from waterfalls, healthy pond and lake aeration products, to brilliant lighting systems to enjoy your water feature at night, as well as the day. Since 1970, Aqua Control® has built a healthy appreciation of Earth's most precious resource, water.

Aqua Control® focuses on creating and maintaining the best patterns in the industry. Aqua Control® patterns yield consistent solid thick streams that stay strong in a breeze and maintain a consistent flow for a great distance.

Aqua Control® provides pumps that not only produce high volumes, with high pressures, but also breathtaking patterns, while concentrating on motor longevity, providing a long lasting and affordable pump.

Aqua Control®





BEAUTIFUL • FUNCTIONAL • EASY

EVOLUTION SERIES

Perfect for Small Ponds

This economical 0.5 horsepower fountain is perfect for you



Plug & play operation
Low operating costs
Floating or stationary
Maintenance free motor
Aerates up to 0.5 acre ponds
Operates in a depth of 20 inches or more
Optional cable lengths
Quick disconnects
No tools needed

What comes in the box?
0.5 HP, single phase fountain (floating or stationary)
Pump cord with quick disconnect
100' mooring rope and 2 mooring stakes
Controller (60Hz only)
Tornado and Torrent spray patterns
Other patterns available separately



Controller (60Hz only) 120V
Simple plug and play operation
24 hour timer for motor and lights
Photo cell for optional dusk to dawn lighting
NEMA (National Electrical Manufacturers Association) 3R rainproof enclosure
CSA (Canadian Standards Association) listed
Class A human rated GFCI (Ground-Fault Circuit Interrupter)
A 20 amp circuit breaker is required

Unique Lighting Options
3W or 9W Brilliant LED Lights
9W Auto RGB Lighting
Four lights per set
Light cord with quick disconnect
Simple installation no tools needed with clip on attachment (floating only)
Colors: cool white (standard), warm white, red, blue, green, or amber



3 Watt



9 Watt



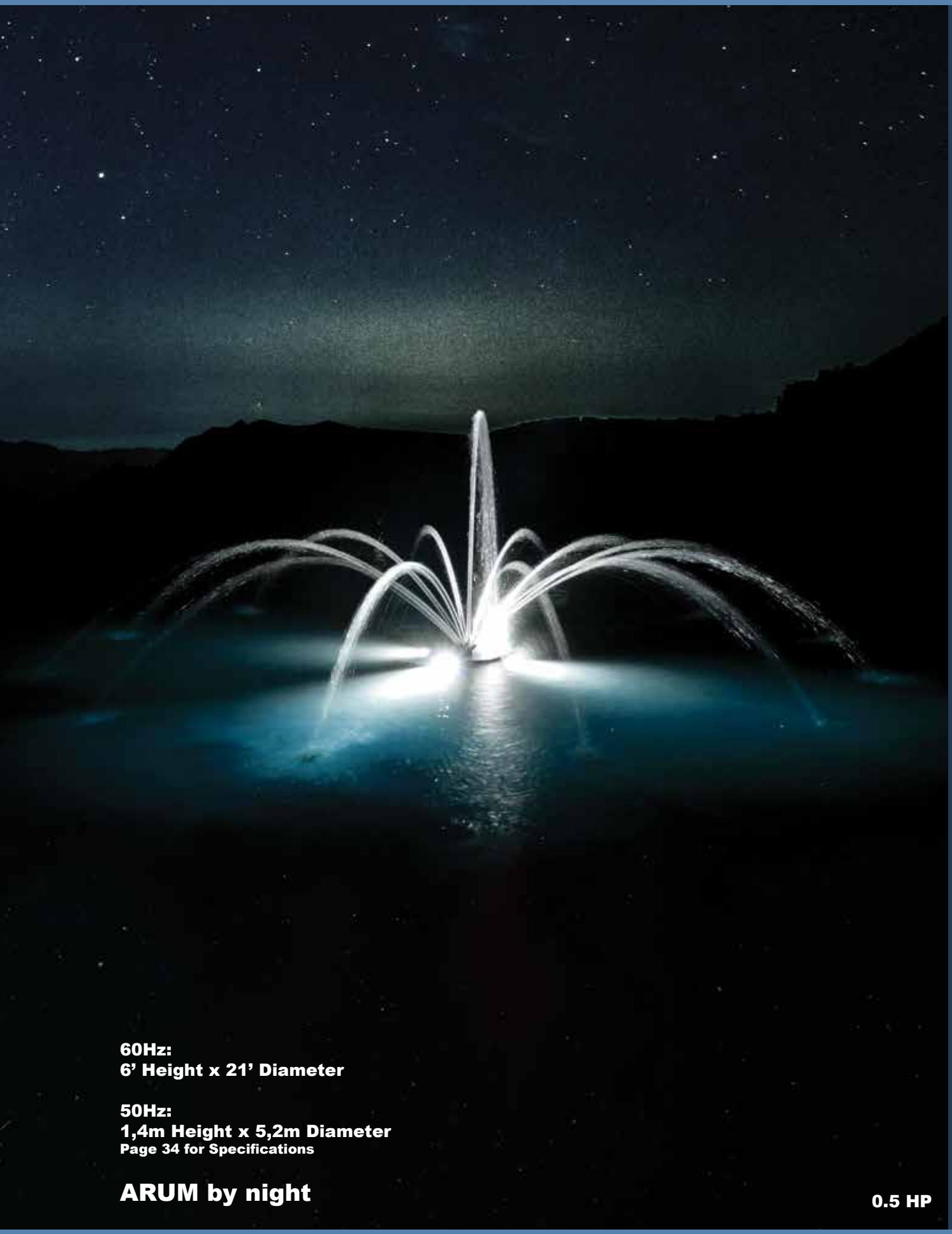


EVOLUTION Series



ARUM

0.5 HP



60Hz:
6’ Height x 21’ Diameter

50Hz:
1,4m Height x 5,2m Diameter
Page 34 for Specifications

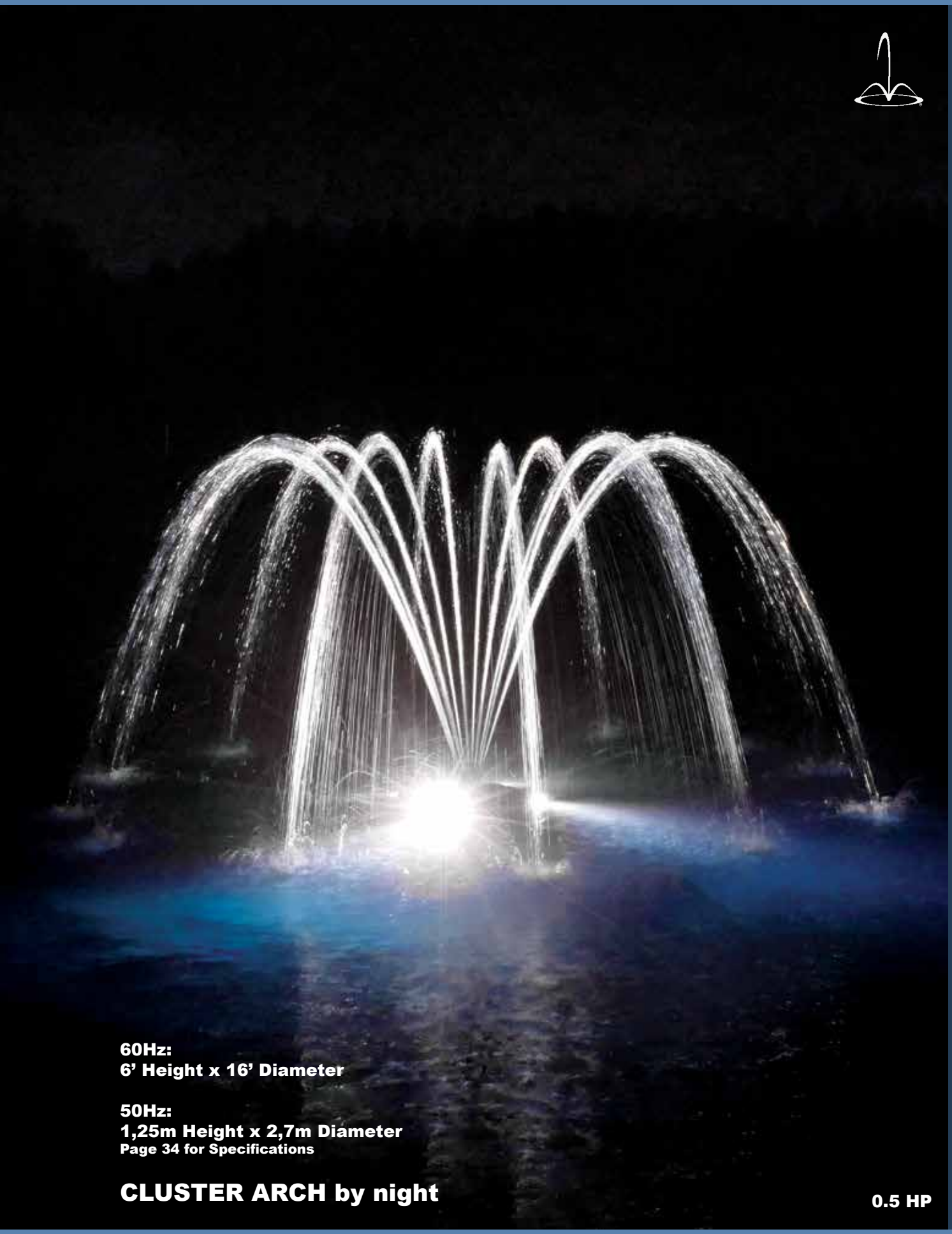
ARUM by night

0.5 HP



CLUSTER ARCH

0.5 HP



60Hz:
6’ Height x 16’ Diameter

50Hz:
1,25m Height x 2,7m Diameter
Page 34 for Specifications

CLUSTER ARCH by night

0.5 HP



FLEUR DE LIS

0.5 HP



60Hz:
7’ Height x 18’ Diameter

50Hz:
1,5m Height x 3m Diameter
Page 34 for Specifications

FLEUR DE LIS by night

0.5 HP



METRO

0.5 HP



60Hz:
6’ Height x 8’ Diameter

50Hz:
1,3m Height x 1,8m Diameter
Page 34 for Specifications

METRO by night

0.5 HP



SPIDER & ARCH

0.5 HP



60Hz:
5.5’ Height x 18’ Diameter

50Hz:
1,2m Height x 4m Diameter
Page 34 for Specifications

SPIDER & ARCH by night

0.5 HP



TIARA

0.5 HP



60Hz:
7’ Height x 15’ Diameter

50Hz:
1,5m Height x 3,7m Diameter
Page 34 for Specifications

TIARA by night

0.5 HP



TORNADO

0.5 HP



60Hz:
6’ Height x 15’ Diameter

50Hz:
1,5m Height x 3,7m Diameter
Page 34 for Specifications

TORNADO by night

134 GPM
0.5 HP



TORRENT

0.5 HP



60Hz:
1’ Height x 3’ Diameter

50Hz:
0,3m Height x 0,7m Diameter
Page 34 for Specifications

TORRENT by night

165 GPM
0.5 HP



GUSHER 2
- 2’ Height
- 2’ Approximate Splash Diameter
- 3’ Water Basin Diameter



GUSHER 4
- 4’ Height
- 3’ Approximate Splash Diameter
- 5’ Water Basin Diameter



GUSHER 6
- 6’ Height
- 4’ Approximate Splash Diameter
- 7’ Water Basin Diameter

STATIONARY EVOLUTION SERIES





GUSHER 2
by night

GUSHER 4
by night

GUSHER 6
by night

The Gusher Spray Patterns are exclusive to the Stationary Evolution Series. Any Evolution series spray pattern can be utilized on a stationary Evolution fountain.

All Stationary Evolutions shown are installed in a 22' diameter water basin. Water basin depth must range from 20" to 27".

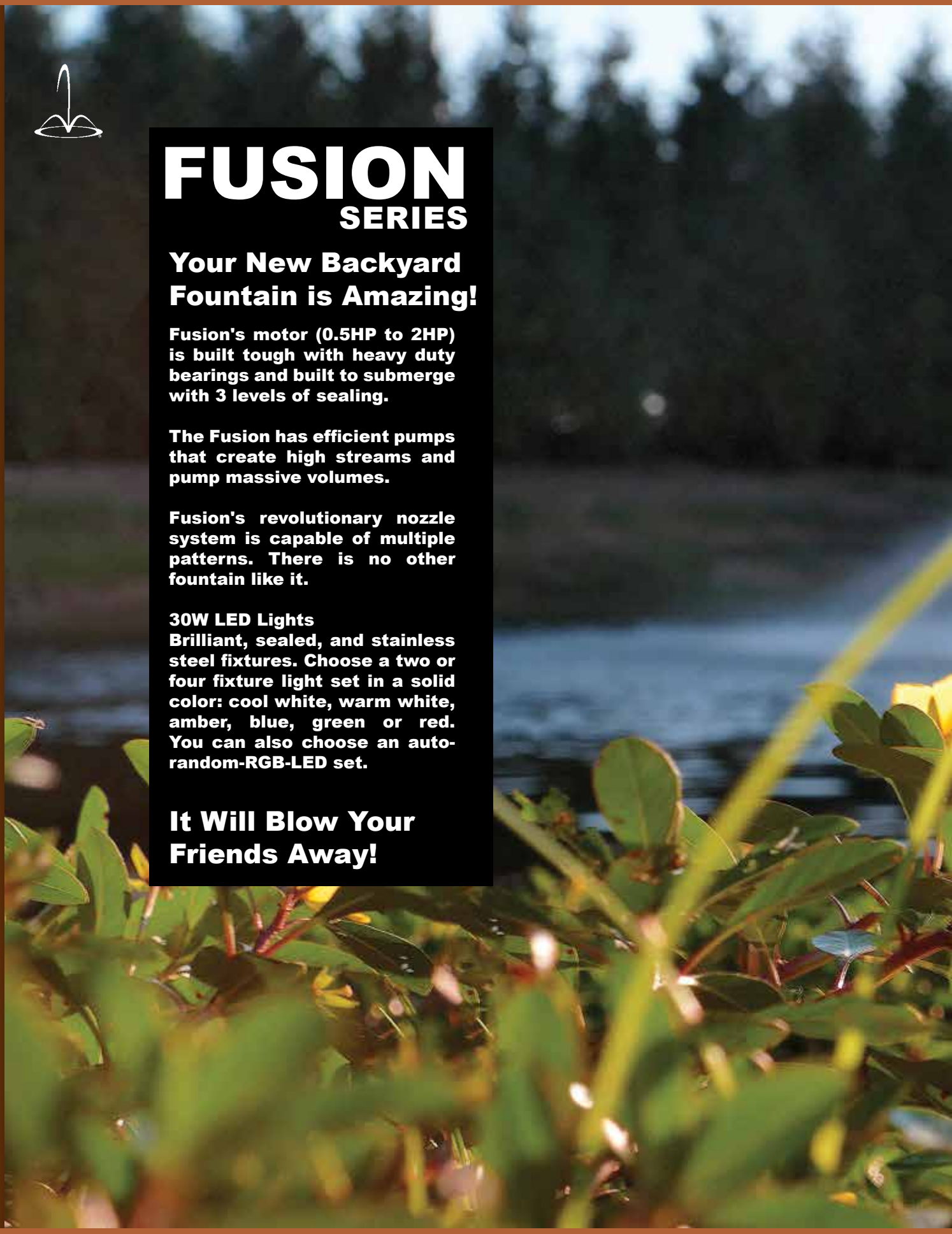
Next Page for Specifications

North American 60Hz - 0.5 HP		International 50Hz - .375 KW	
ARUM PAGE 16		**ARUM** PAGE 16	
HEIGHT(feet)	6'	HEIGHTm	1,4m
DIAMETER(feet)	21'	DIAMETERm	5,2m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
CLUSTER ARCH PAGE 18		**CLUSTER ARCH** PAGE 18	
HEIGHT(feet)	6'	HEIGHTm	1,5m
DIAMETER(feet)	16'	DIAMETERm	2,7m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
FLEUR DE LIS PAGE 20		**FLEUR DE LIS** PAGE 20	
HEIGHT(feet)	7'	HEIGHTm	1,5m
DIAMETER(feet)	18'	DIAMETERm	3,0m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
GUSHER 2 STATIONARY ONLY PAGE 32		**GUSHER 2** STATIONARY ONLY PAGE 32	
HEIGHT(feet)	2'	HEIGHTm	0,61m
DIAMETER(feet)	2'	DIAMETERm	0,61m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
GUSHER 4 STATIONARY ONLY PAGE 32		**GUSHER 4** STATIONARY ONLY PAGE 32	
HEIGHT(feet)	4'	HEIGHTm	1,21m
DIAMETER(feet)	3'	DIAMETERm	0,91m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
GUSHER 6 STATIONARY ONLY PAGE 32		**GUSHER 6** STATIONARY ONLY PAGE 32	
HEIGHT(feet)	6'	HEIGHTm	1,82m
DIAMETER(feet)	4'	DIAMETERm	1,21m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
METRO PAGE 22		**METRO** PAGE 22	
HEIGHT(feet)	6'	HEIGHTm	1,3m
DIAMETER(feet)	8'	DIAMETERm	1,8m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
SPIDER & ARCH PAGE 24		**SPIDER & ARCH** PAGE 24	
HEIGHT(feet)	5.5'	HEIGHTm	1,2m
DIAMETER(feet)	18'	DIAMETERm	4m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
TIARA PAGE 26		**TIARA** PAGE 26	
HEIGHT(feet)	7'	HEIGHTm	1,5m
DIAMETER(feet)	15'	DIAMETERm	3,7m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
TORNADO PAGE 28		**TORNADO** PAGE 28	
HEIGHT(feet)	6'	HEIGHTm	1,5m
DIAMETER(feet)	15'	DIAMETERm	3,7m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m
TORRENT PAGE 30		**TORRENT** PAGE 30	
HEIGHT(feet)	1'	HEIGHTm	0,3m
DIAMETER(feet)	3'	DIAMETERm	0,7m
VERTICAL DEPTH(inches)	20"	VERTICAL DEPTHm	0,5m





Tornado
Palm Beach, Florida
0.5 HP



FUSION SERIES

Your New Backyard Fountain is Amazing!

Fusion's motor (0.5HP to 2HP) is built tough with heavy duty bearings and built to submerge with 3 levels of sealing.

The Fusion has efficient pumps that create high streams and pump massive volumes.

Fusion's revolutionary nozzle system is capable of multiple patterns. There is no other fountain like it.

30W LED Lights
Brilliant, sealed, and stainless steel fixtures. Choose a two or four fixture light set in a solid color: cool white, warm white, amber, blue, green or red. You can also choose an auto-random-RGB-LED set.

It Will Blow Your Friends Away!



FUSION Series



CLUSTER ARCH

2.0 HP



60Hz:
9’-18’ Height x 10’-22’ Diameter

50Hz:
2m-4,3m Height x 2,4m-5,3m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

CLUSTER ARCH by night

2.0 HP



CLUSTER ARCH TWISTING

2.0 HP



60Hz:
9'-18' Height x 10'-22' Diameter

50Hz:
2m-4,3m Height x 2,4m-5,3m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

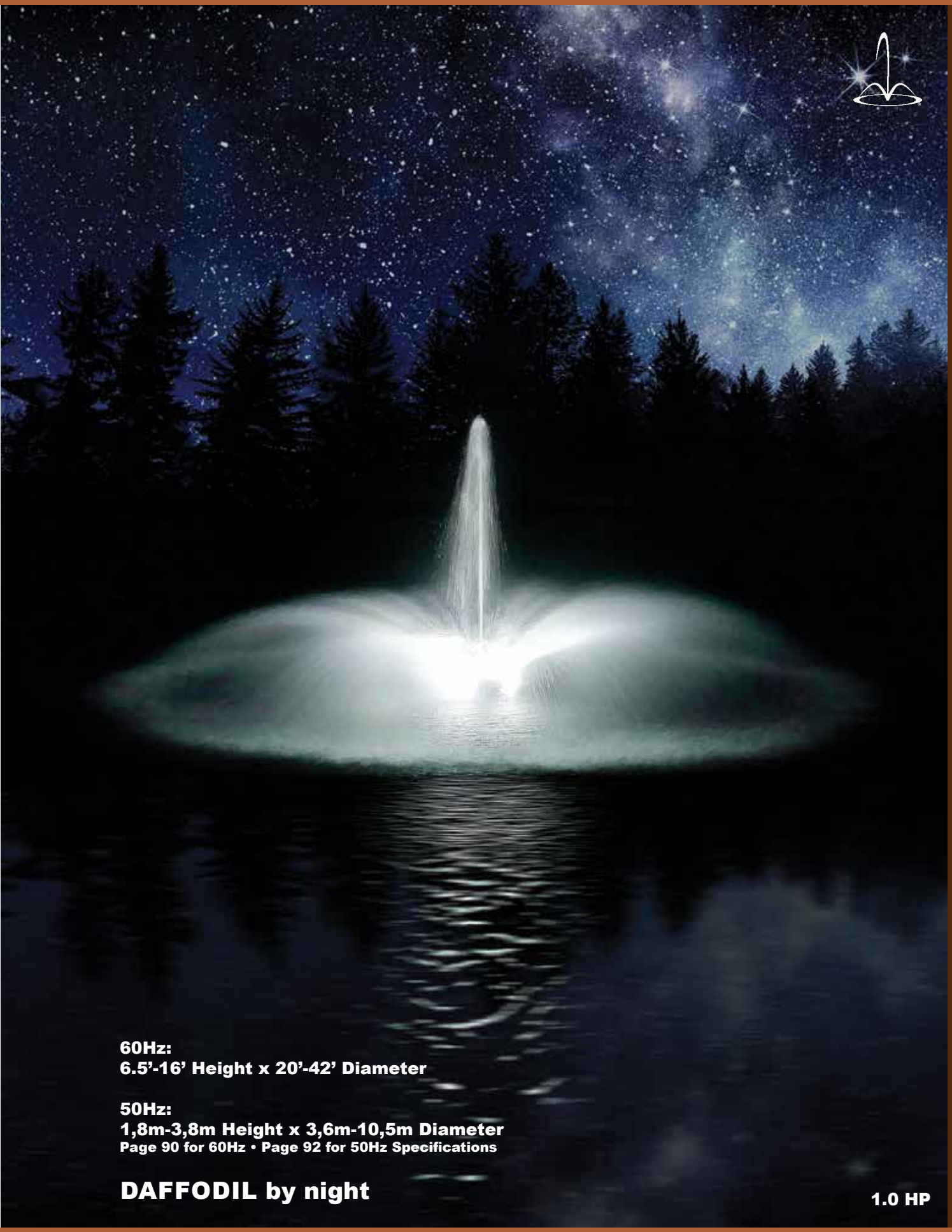
CLUSTER ARCH TWISTING by night

2.0 HP



DAFFODIL

1.0 HP



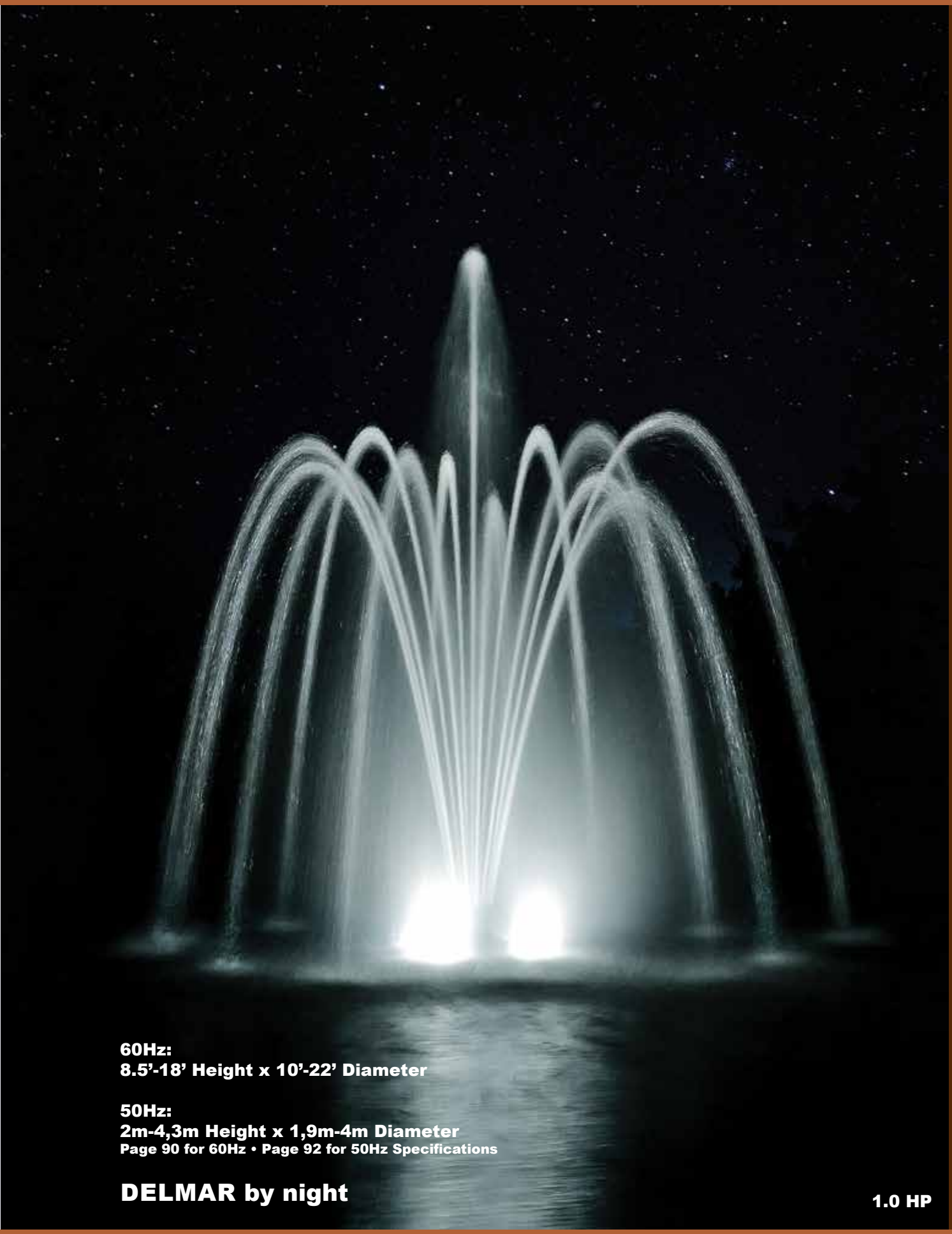
60Hz:
6.5’-16’ Height x 20’-42’ Diameter

50Hz:
1,8m-3,8m Height x 3,6m-10,5m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

DAFFODIL by night

1.0 HP


DELMAR
1.0 HP



60Hz:
8.5’-18’ Height x 10’-22’ Diameter

50Hz:
2m-4,3m Height x 1,9m-4m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

DELMAR by night

1.0 HP



DOUBLE ARCH

0.5 HP

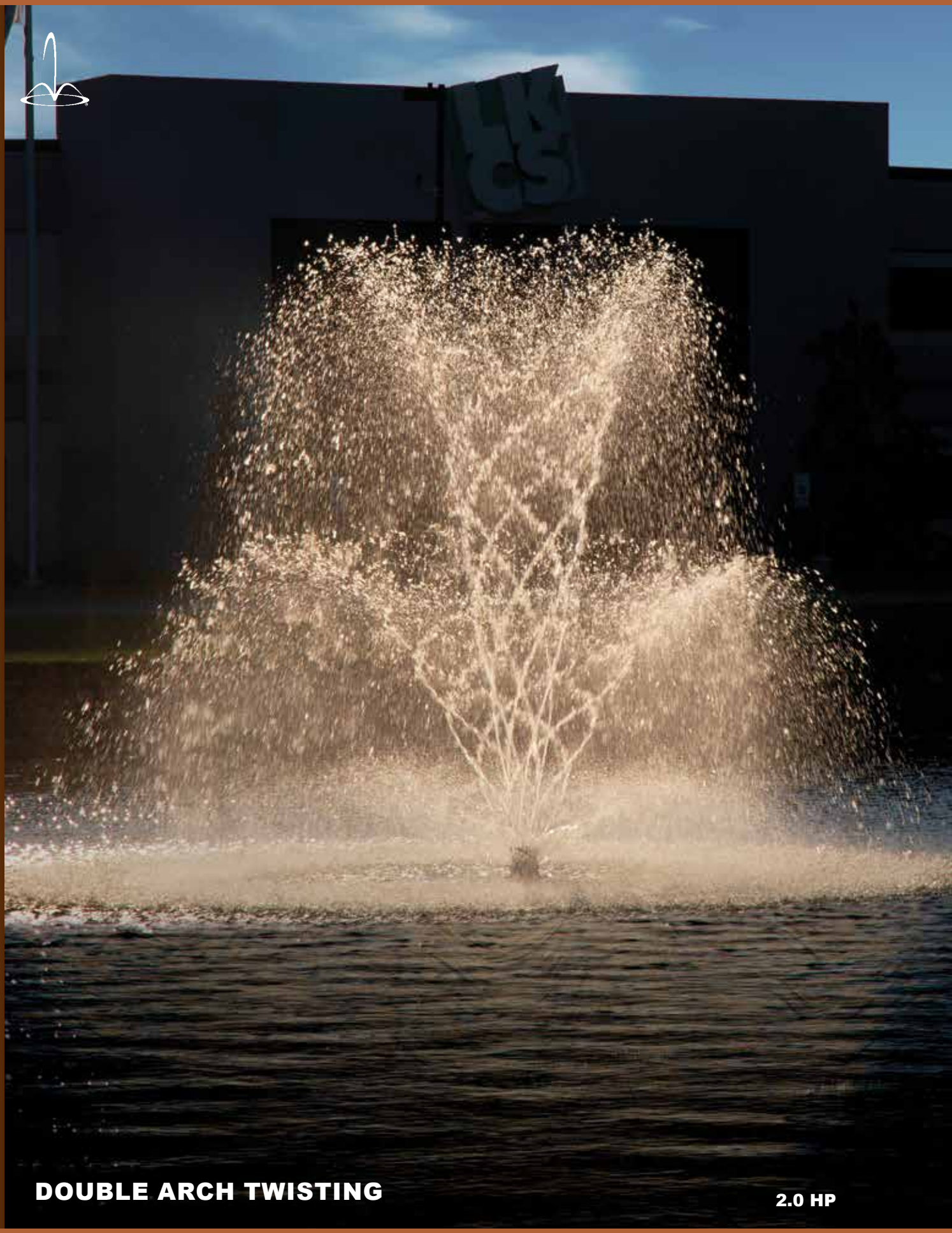


60Hz:
8’-16.5’ Height x 28’-54’ Diameter

50Hz:
2m-4,3m Height x 7,5m-14,6m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

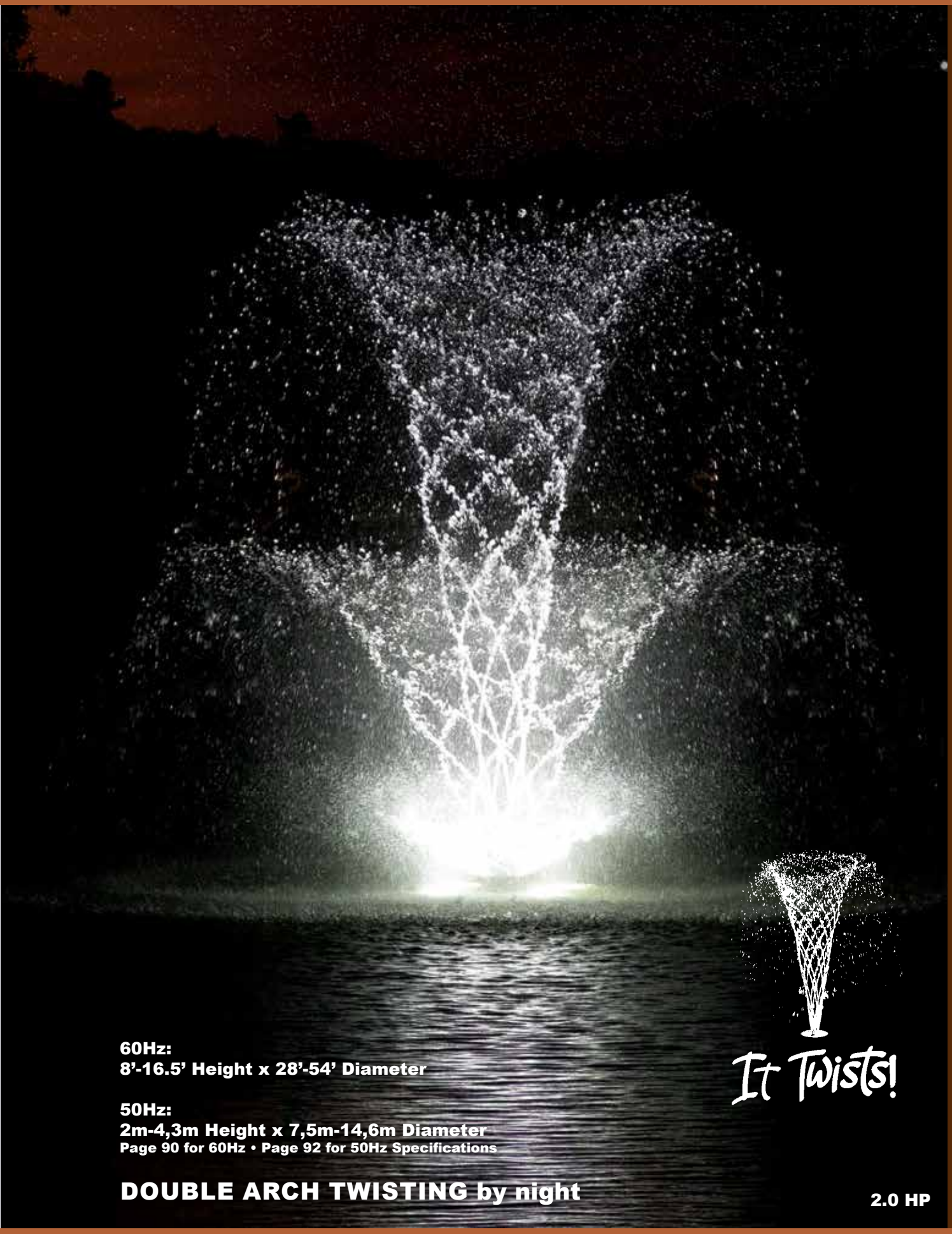
DOUBLE ARCH by night

1.5 HP



DOUBLE ARCH TWISTING

2.0 HP



It Twists!

60Hz:
8’-16.5’ Height x 28’-54’ Diameter

50Hz:
2m-4,3m Height x 7,5m-14,6m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

DOUBLE ARCH TWISTING by night

2.0 HP



DOUBLE ARCH LILY

0.5 HP



60Hz:
5’-11’ Height x 12’-32’ Diameter

50Hz:
1,3m-2,8m Height x 3m-9m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

DOUBLE ARCH LILY by night

0.5 HP



DOUBLE ARCH LILY TWISTING

1.0 HP



60Hz:
5'-11' Height x 12'-32' Diameter

50Hz:
1,3m-2,8m Height x 3m-9m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

DOUBLE ARCH LILY TWISTING by night

1.0 HP



FLARE

1.0 HP



60Hz:
2.5’-5’ Height x 20’-44’ Diameter

50Hz:
0,7m-1,2m Height x 4,2m-10,8m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

FLARE by night

1.0 HP



LILY

0.5 HP



60Hz:
5’-14’ Height x 12’-40’ Diameter

50Hz:
1,6m-3,4m Height x 3,6m-9,6m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

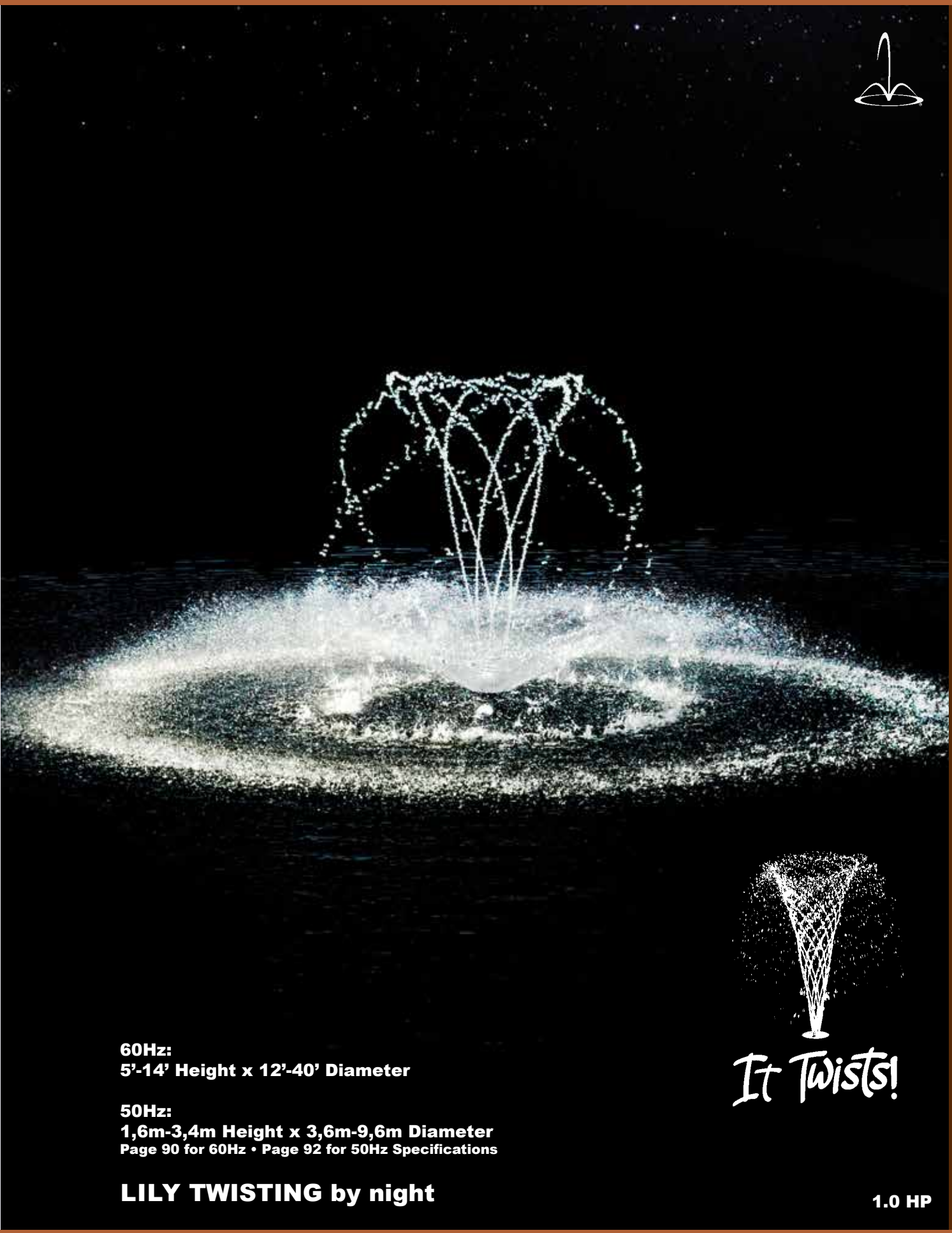
LILY by night

1.0 HP



LILY TWISTING

1.0 HP



It Twists!

60Hz:
5'-14' Height x 12'-40' Diameter

50Hz:
1,6m-3,4m Height x 3,6m-9,6m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

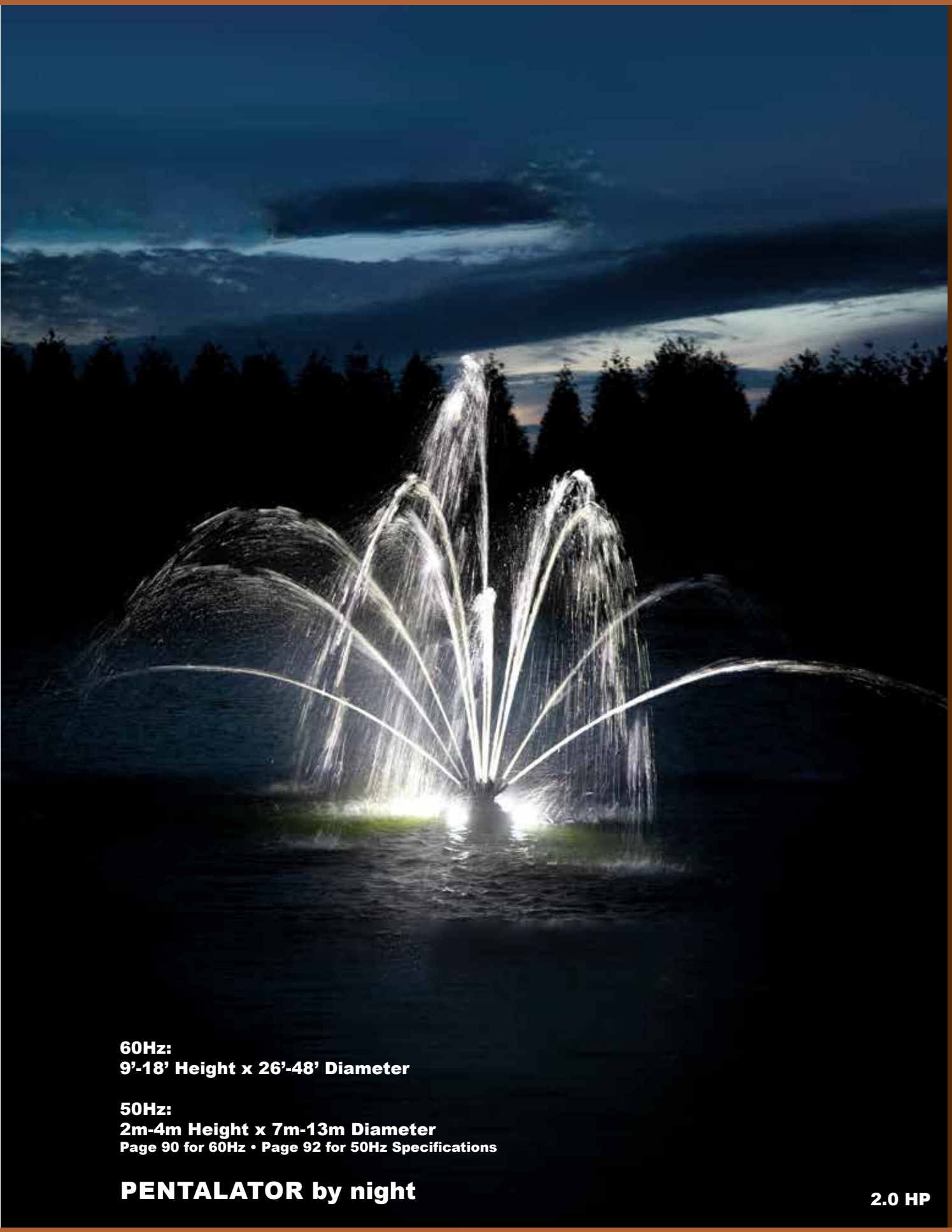
LILY TWISTING by night

1.0 HP



PENTALATOR

2.0 HP



60Hz:
9’-18’ Height x 26’-48’ Diameter

50Hz:
2m-4m Height x 7m-13m Diameter
Page 90 for 60Hz • Page 92 for 50Hz Specifications

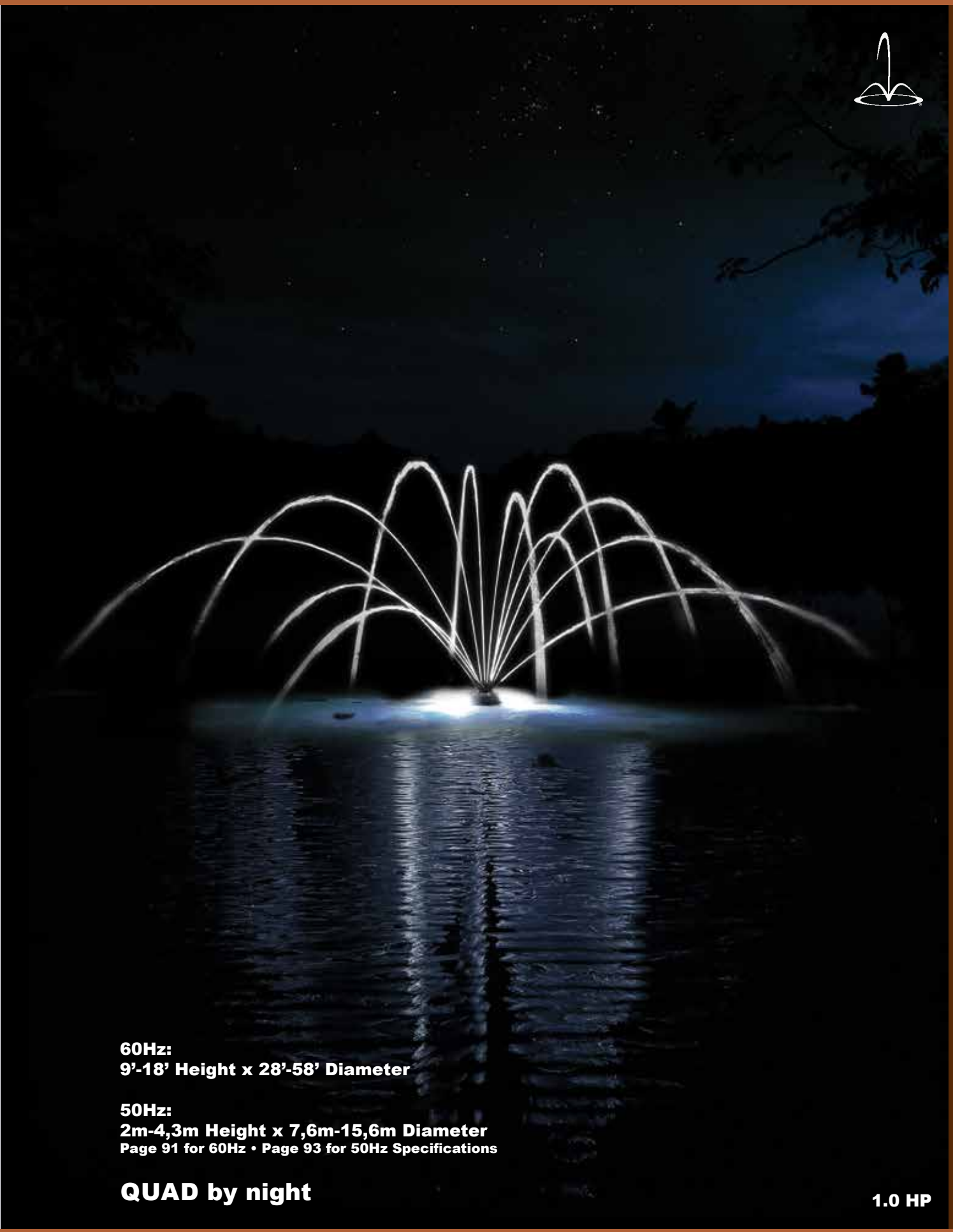
PENTALATOR by night

2.0 HP



QUAD

1.5 HP



60Hz:
9’-18’ Height x 28’-58’ Diameter

50Hz:
2m-4,3m Height x 7,6m-15,6m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

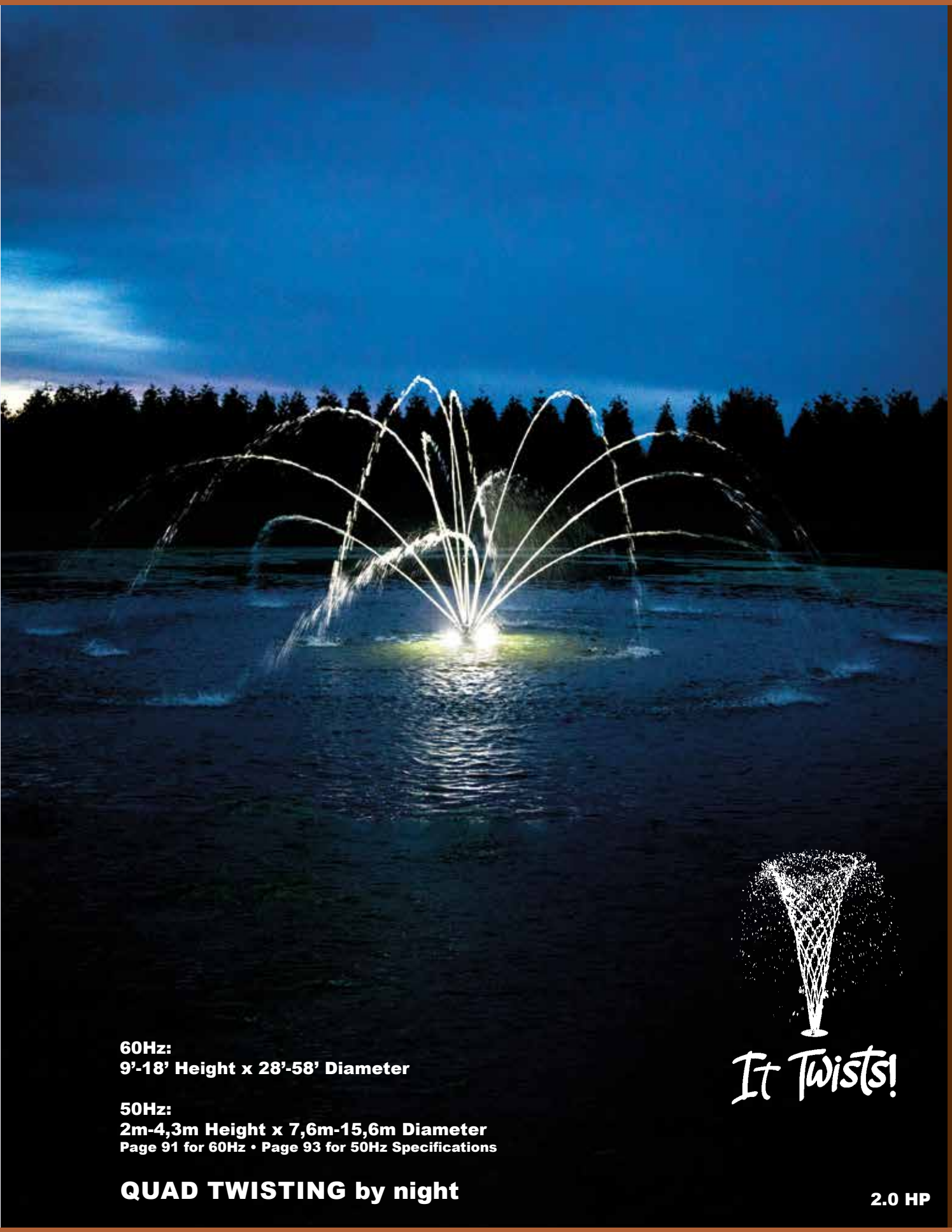
QUAD by night

1.0 HP



QUAD TWISTING

1.0 HP



It Twists!

60Hz:
9’-18’ Height x 28’-58’ Diameter

50Hz:
2m-4,3m Height x 7,6m-15,6m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

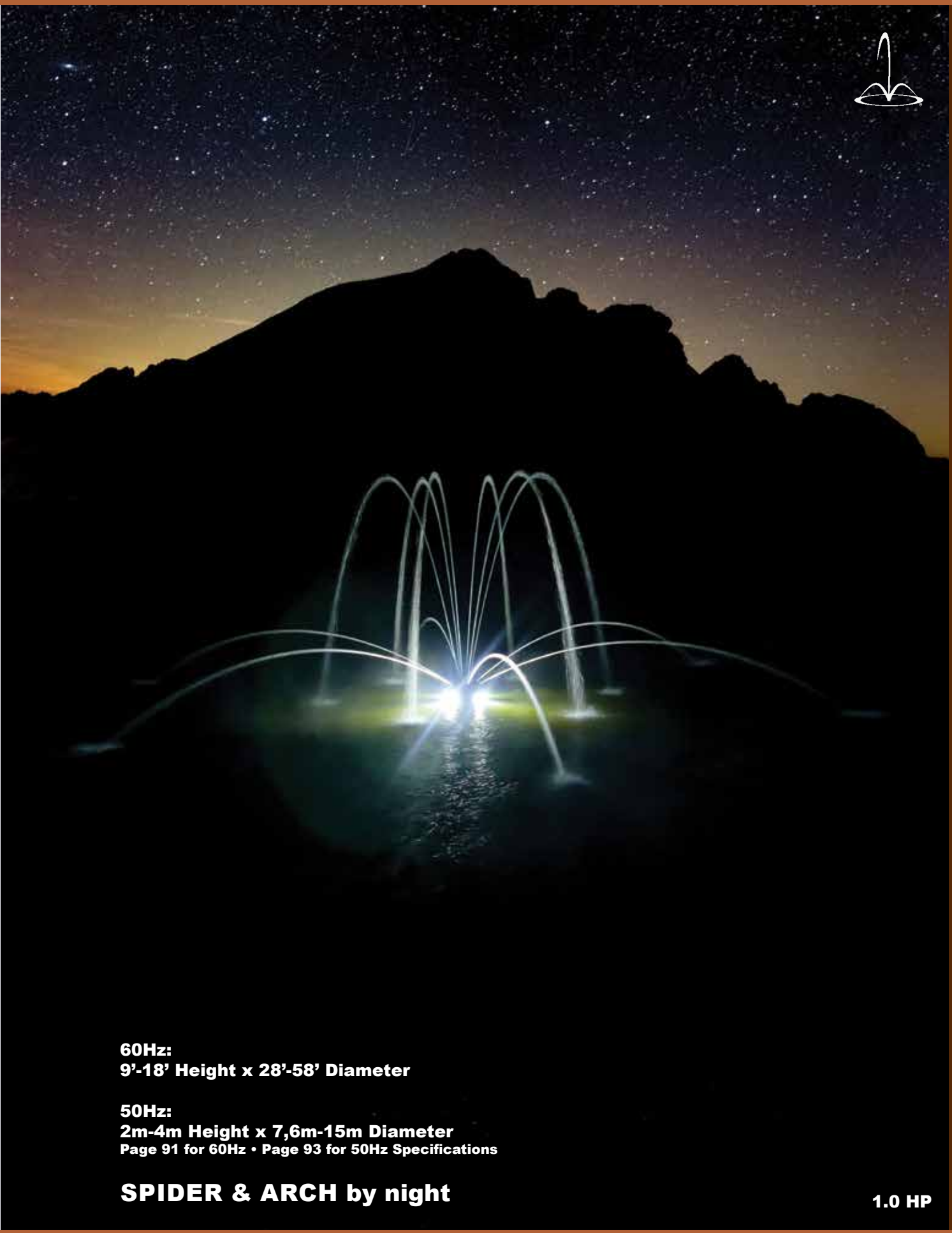
QUAD TWISTING by night

2.0 HP



SPIDER & ARCH

1.0 HP



60Hz:
9’-18’ Height x 28’-58’ Diameter

50Hz:
2m-4m Height x 7,6m-15m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

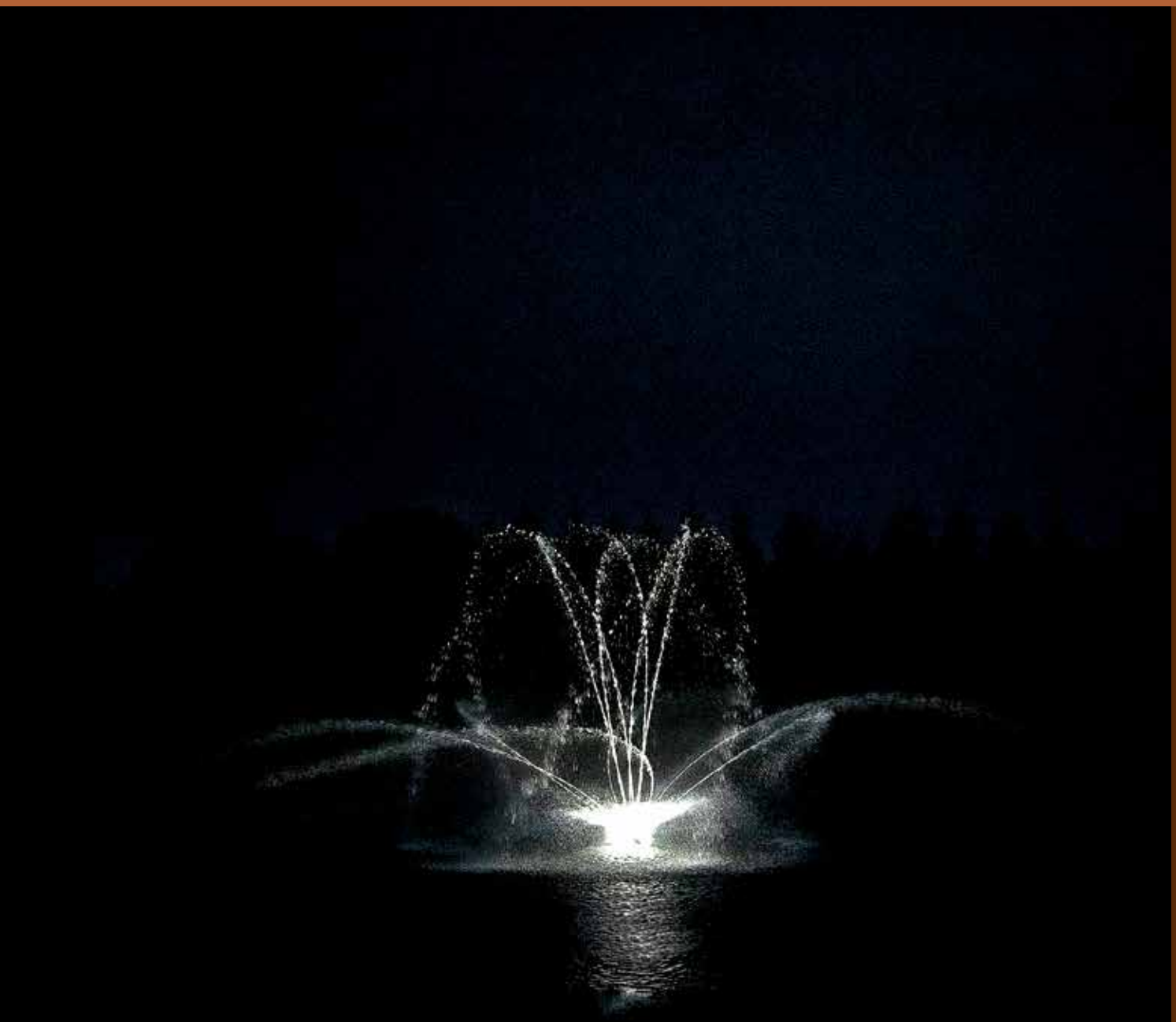
SPIDER & ARCH by night

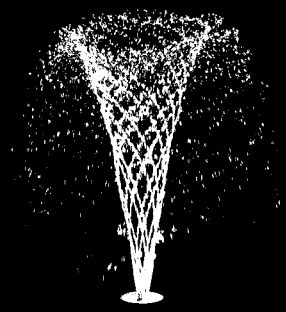
1.0 HP



SPIDER & ARCH TWISTING

1.5 HP





It Twists!

60Hz:
9’-18’ Height x 28’-58’ Diameter

50Hz:
2m-4m Height x 7,6m-15m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

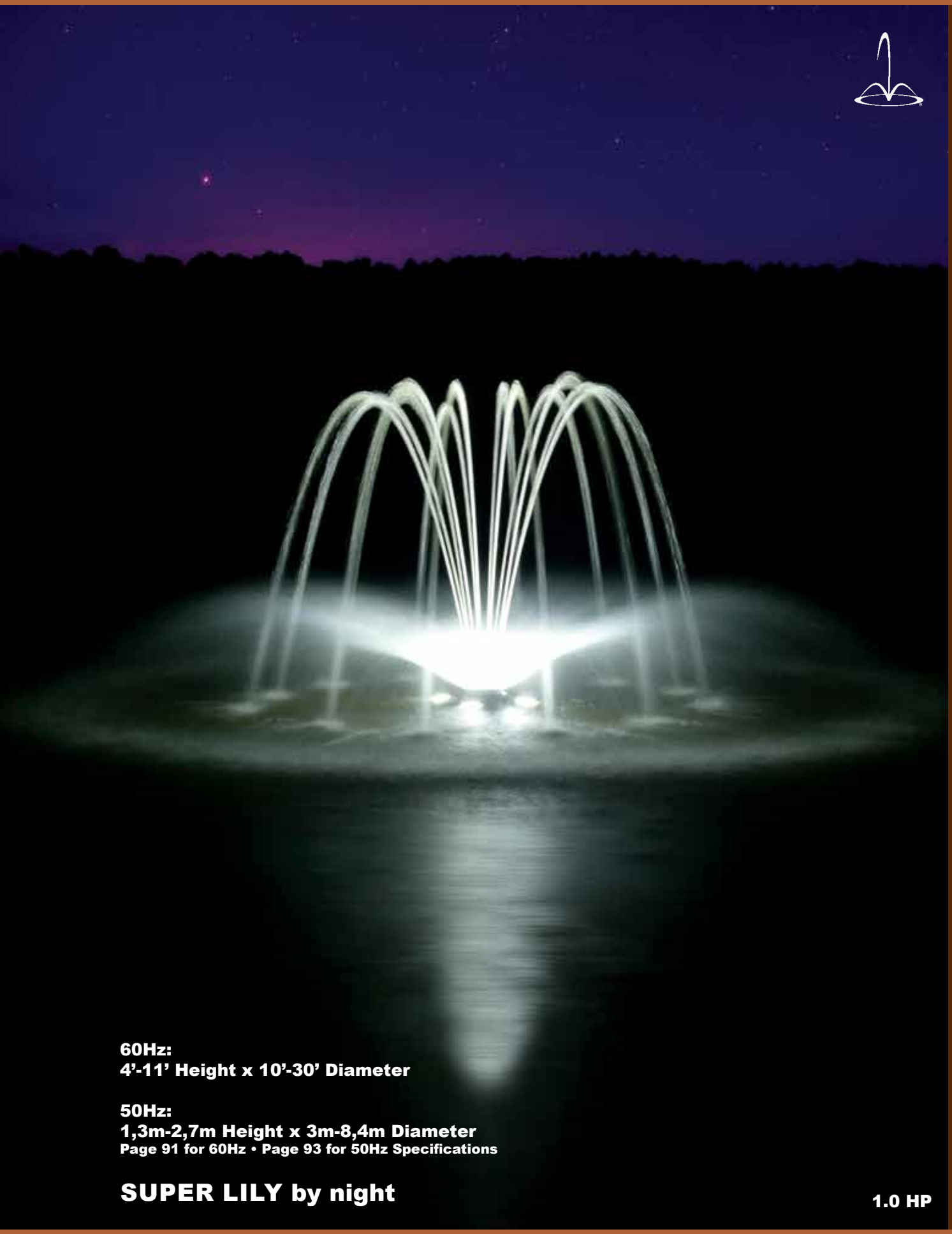
SPIDER & ARCH TWISTING by night

2.0 HP



SUPER LILY

1.0 HP



60Hz:
4’-11’ Height x 10’-30’ Diameter

50Hz:
1,3m-2,7m Height x 3m-8,4m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

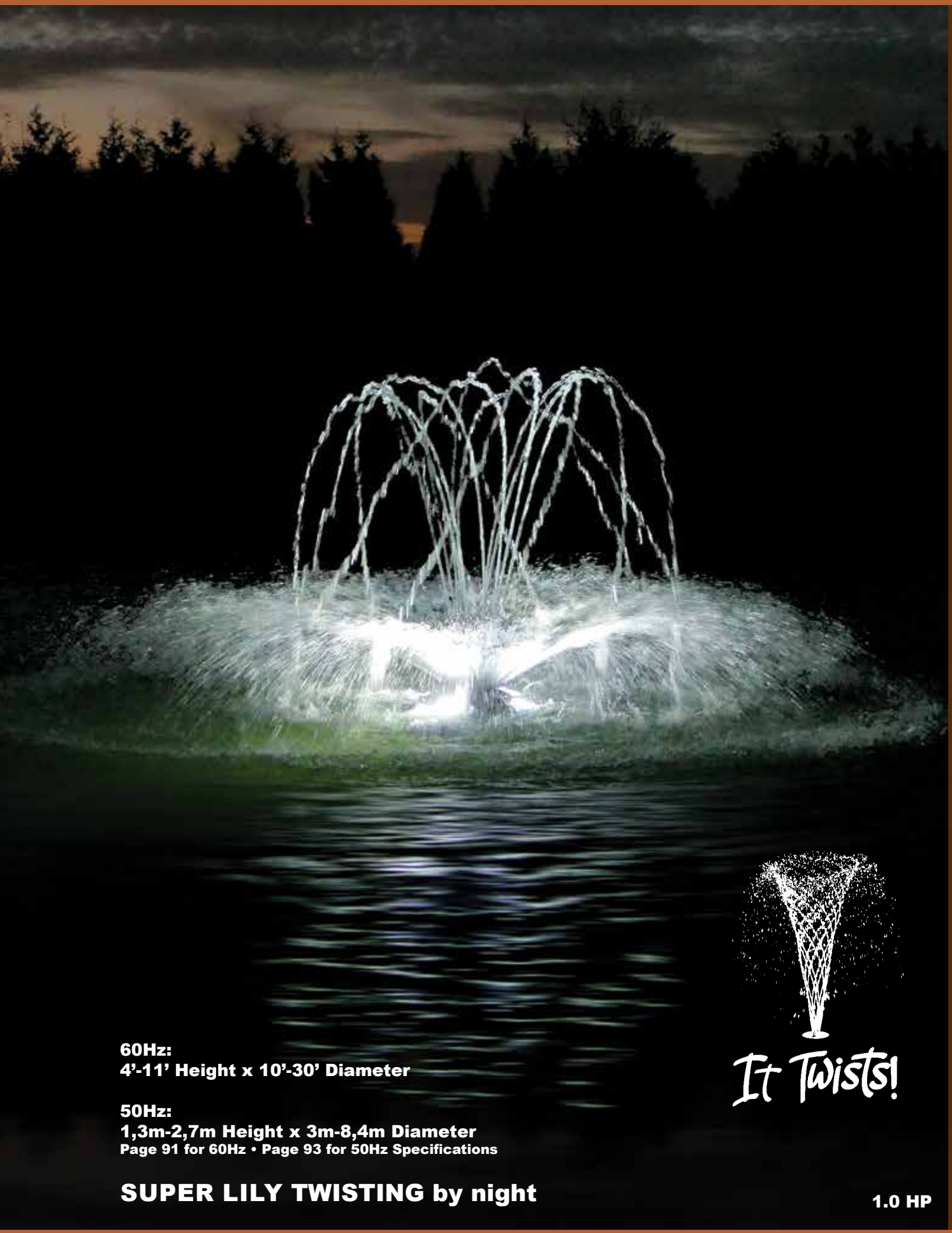
SUPER LILY by night

1.0 HP



SUPER LILY TWISTING

0.5 HP



It Twists!

60Hz:
4’-11’ Height x 10’-30’ Diameter

50Hz:
1,3m-2,7m Height x 3m-8,4m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

SUPER LILY TWISTING by night

1.0 HP



TIARA

1.0 HP



60Hz:
9’-18’ Height x 26’-62’ Diameter

50Hz:
2m-4m Height x 7,6m-15,6m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

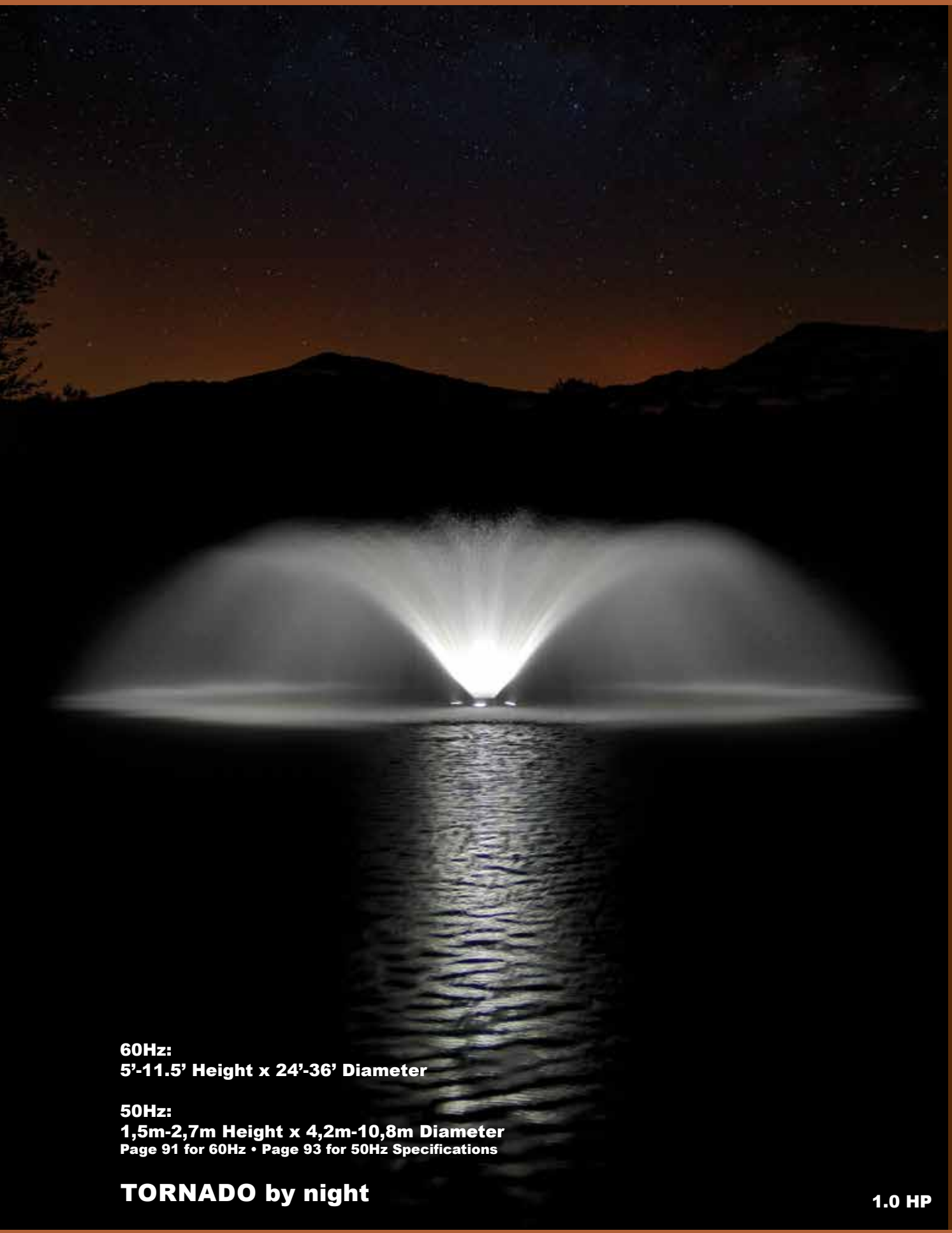
TIARA by night

1.0 HP



TORNADO

0.5 HP



60Hz:
5’-11.5’ Height x 24’-36’ Diameter

50Hz:
1,5m-2,7m Height x 4,2m-10,8m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

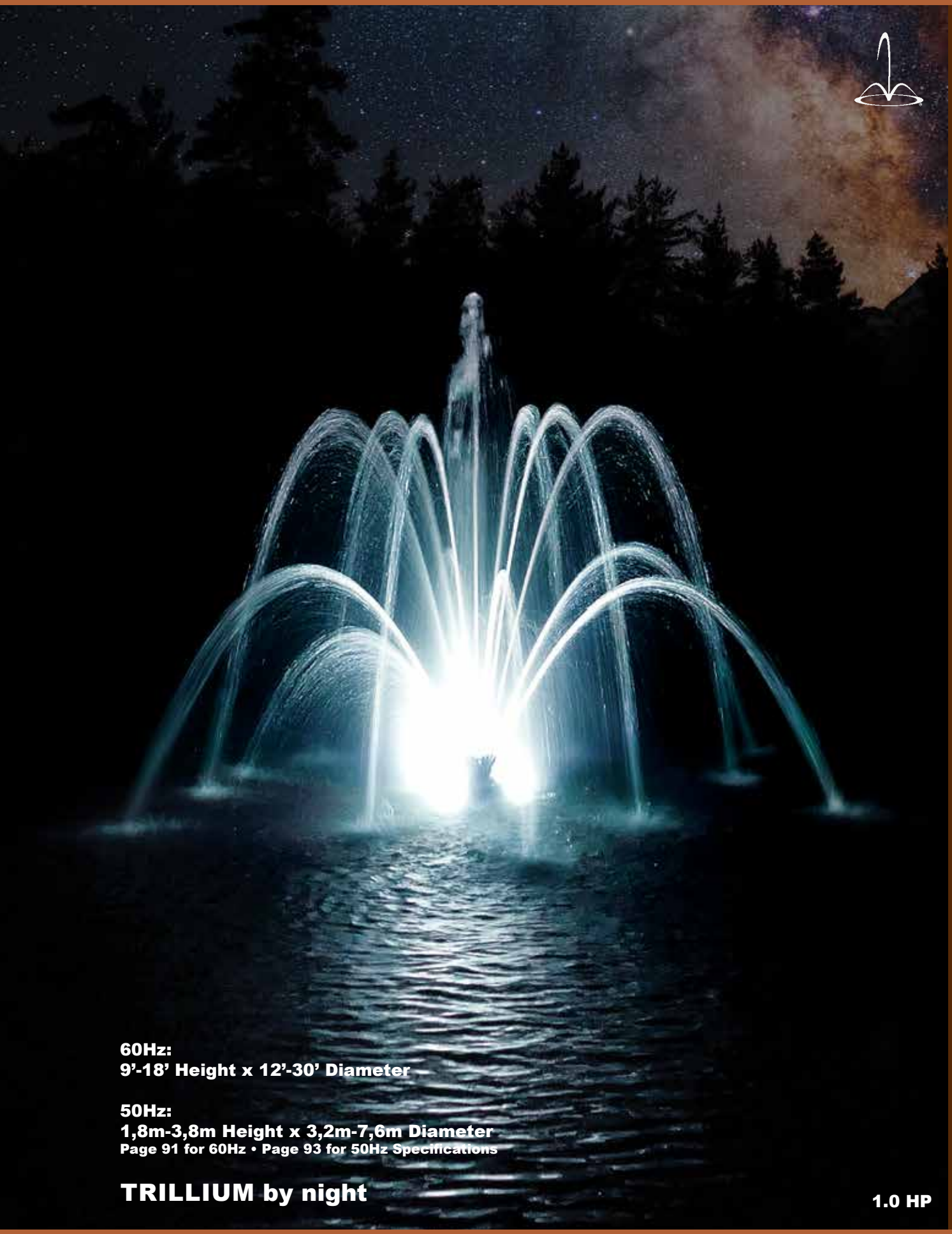
TORNADO by night

1.0 HP



TRILLIUM

1.0 HP



60Hz:
9’-18’ Height x 12’-30’ Diameter

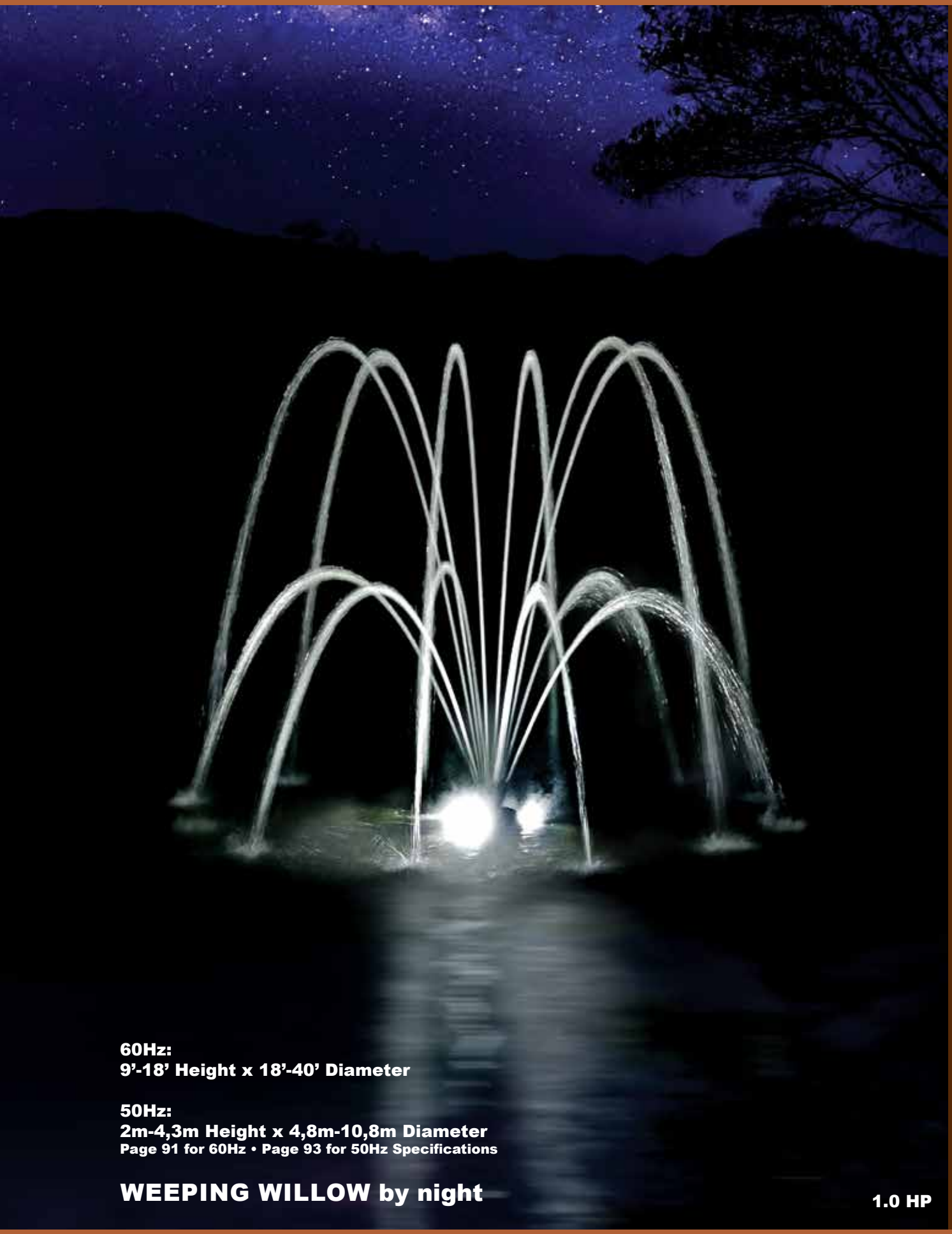
50Hz:
1,8m-3,8m Height x 3,2m-7,6m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

TRILLIUM by night

1.0 HP



WEEPING WILLOW **1.0 HP**



60Hz:
9’-18’ Height x 18’-40’ Diameter

50Hz:
2m-4,3m Height x 4,8m-10,8m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

WEEPING WILLOW by night

1.0 HP



WEEPING WILLOW TWISTING

1.0 HP



It Twists!

60Hz:
9'-18' Height x 18'-40' Diameter

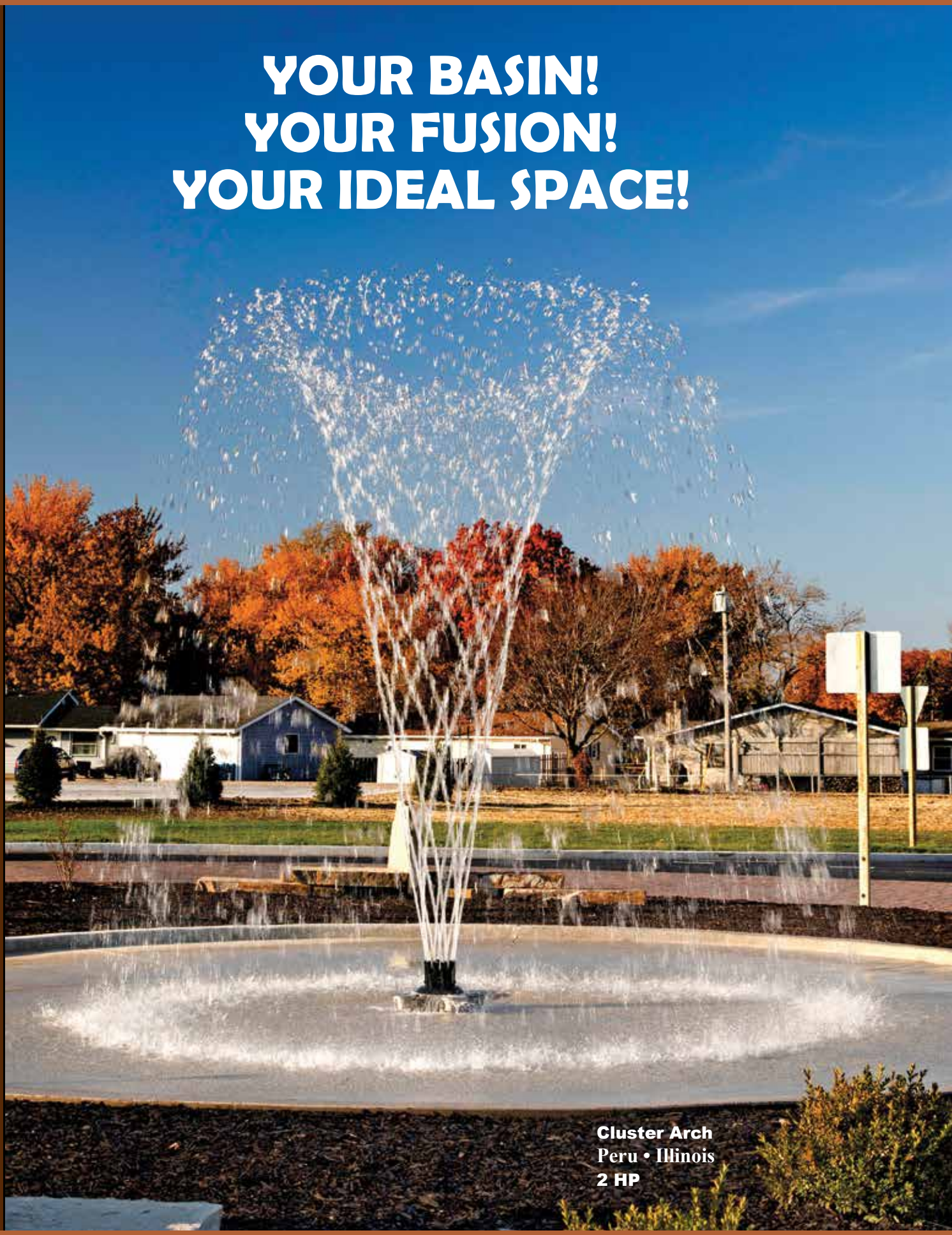
50Hz:
2m-4,3m Height x 4,8m-10,8m Diameter

Page 91 for 60Hz • Page 93 for 50Hz Specifications

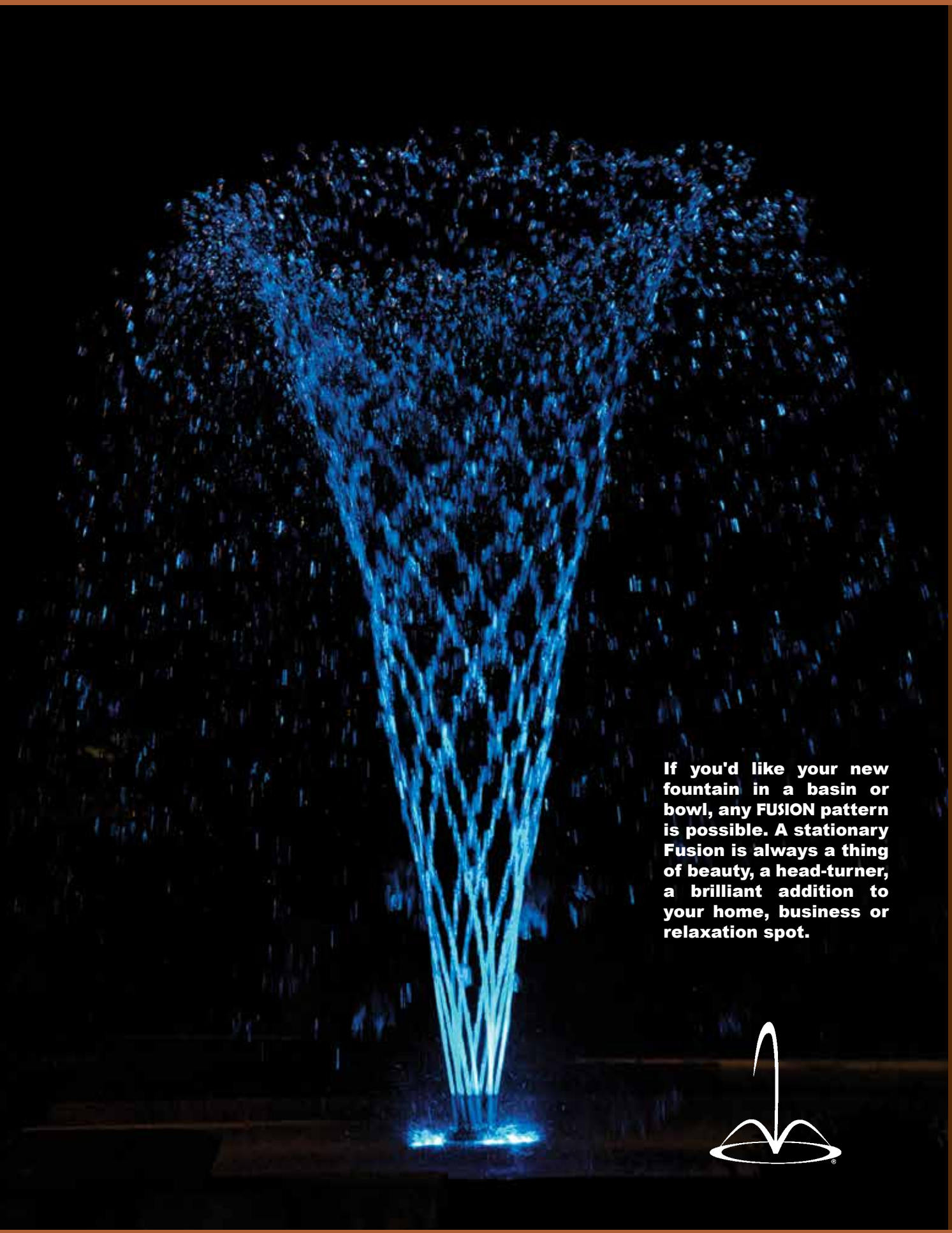
WEEPING WILLOW TWISTING by night

1.0 HP

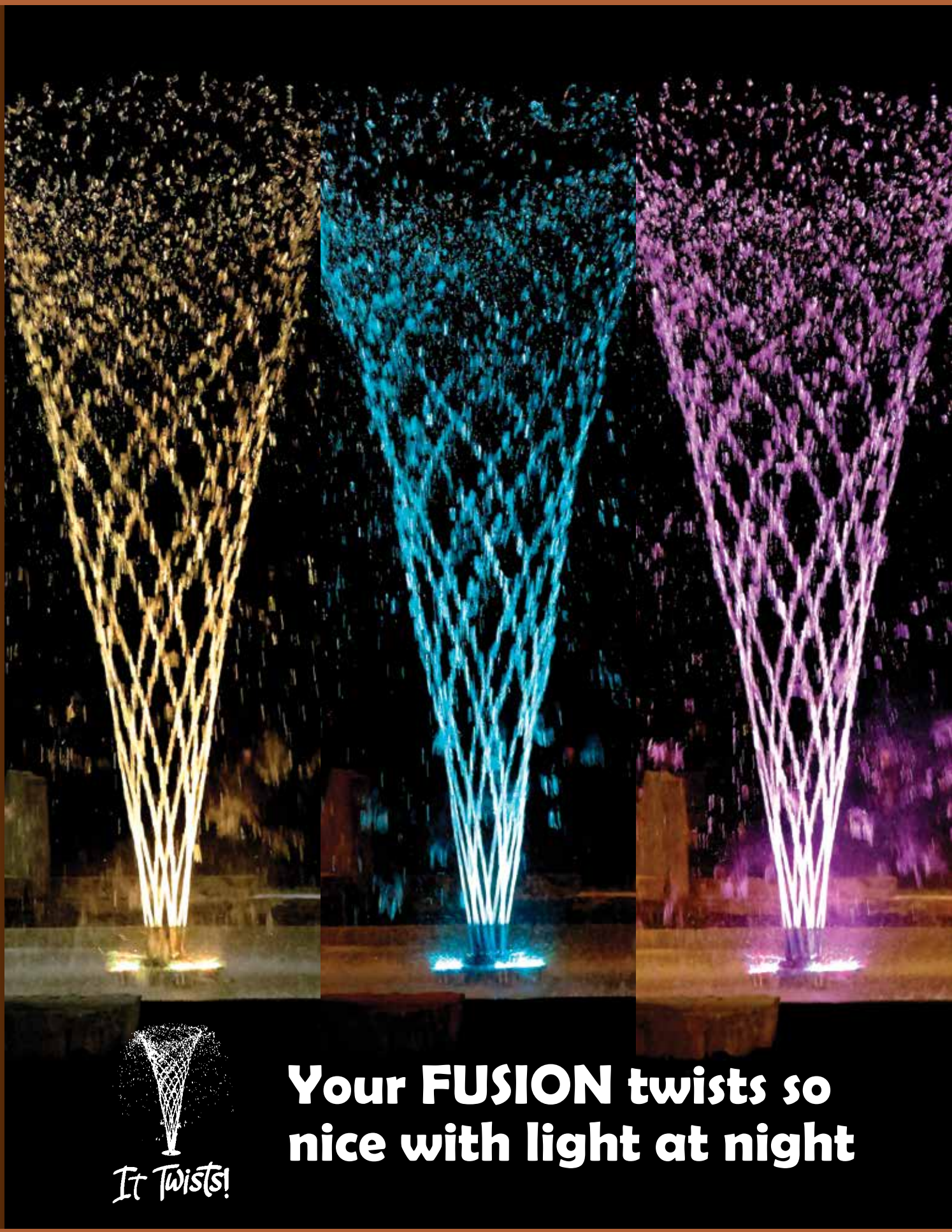
YOUR BASIN!
YOUR FUSION!
YOUR IDEAL SPACE!

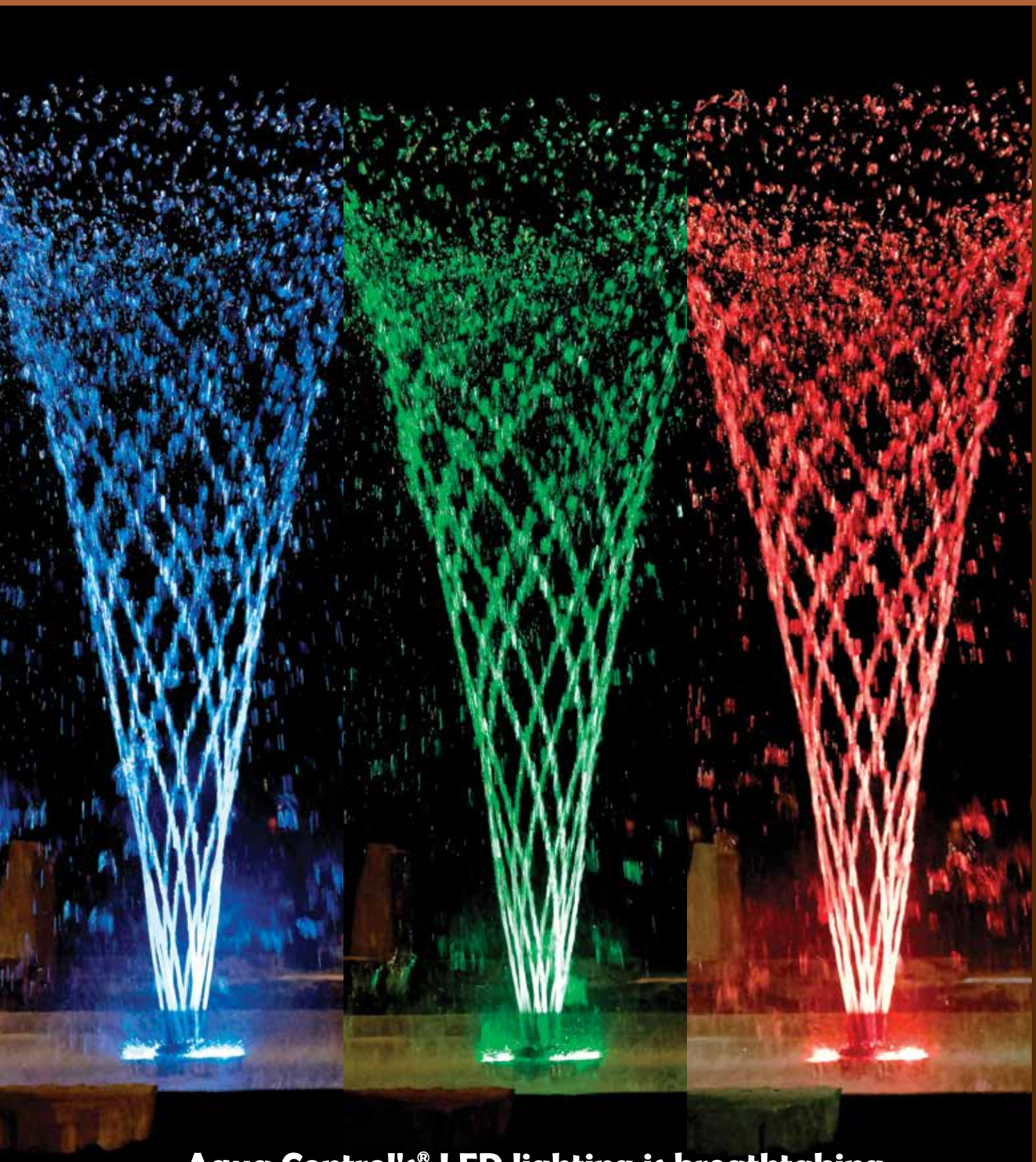


Cluster Arch
Peru • Illinois
2 HP



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It Twists!
Your FUSION twists so nice with light at night



Aqua Control's® LED lighting is breathtaking

page 270 for more on LED lighting



Lily Twisting
Spring Valley • Illinois
2 HP


Our Fountains
Speak for Themselves
Aqua Control®

North American 60Hz

CLUSTER ARCH PAGE 38

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	9'	11'	15'	18'				
DIAMETER(feet)	10'	14'	18'	22'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				

DAFFODIL PAGE 42

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	6.5'	8'	12'	16'				
DIAMETER(feet)	20'	24'	34'	42'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				

DELMAR PAGE 44

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	8.5'	11'	15'	18'				
DIAMETER(feet)	10'	14'	16'	22'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				

DOUBLE ARCH PAGE 46

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	8'	10.5'	15'	16.5'				
DIAMETER(feet)	28'	32'	46'	54'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				

DOUBLE ARCH LILY PAGE 50

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	5'	7'	9.5'	11'				
DIAMETER(feet)	12'	20'	28'	32'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				

FLARE PAGE 54

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	2.5'	3.5'	4'	5'				
DIAMETER(feet)	20'	28'	36'	44'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				

LILY PAGE 56

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	5'	8'	10'	14'				
DIAMETER(feet)	12'	22'	30'	40'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				

PENTALATOR PAGE 60

HORSEPOWER	0.5	1	1.5	2				
HEIGHT(feet)	9'	11'	15'	18'				
DIAMETER(feet)	26'	36'	40'	48'				
GPM	170	195	235	260				
DEPTH VERTICAL(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"				



North American 60Hz

QUAD PAGE 62							
HORSEPOWER	0.5	1	1.5	2			
HEIGHT(feet)	9'	11'	15'	18'			
DIAMETER(feet)	28'	36'	48'	58'			
GPM	170	195	235	260			
DEPTH VERTICAL(inches)	32"	32"	38"	38"			
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"			
SPIDER & ARCH PAGE 66							
HORSEPOWER	0.5	1	1.5	2			
HEIGHT(feet)	9'	11'	15'	18'			
DIAMETER(feet)	28'	34'	48'	58'			
GPM	170	195	235	260			
DEPTH VERTICAL(inches)	32"	32"	38"	38"			
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"			
SUPER LILY PAGE 70							
HORSEPOWER	0.5	1	1.5	2			
HEIGHT(feet)	4'	7'	8'	11'			
DIAMETER(feet)	10'	20'	22'	30'			
GPM	170	195	235	260			
DEPTH VERTICAL(inches)	32"	32"	38"	38"			
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"			
TIARA PAGE 74							
HORSEPOWER	0.5	1	1.5	2			
HEIGHT(feet)	9'	11'	15'	18'			
DIAMETER(feet)	26'	44'	48'	62'			
GPM	170	195	235	260			
DEPTH VERTICAL(inches)	32"	32"	38"	38"			
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"			
TORNADO PAGE 76							
HORSEPOWER	0.5	1	1.5	2			
HEIGHT(feet)	5'	7'	9'	11.5'			
DIAMETER(feet)	24'	28'	34'	36'			
GPM	170	195	235	260			
DEPTH VERTICAL(inches)	32"	32"	38"	38"			
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"			
TRILLIUM PAGE 78							
HORSEPOWER	0.5	1	1.5	2			
HEIGHT(feet)	9'	11'	15'	18'			
DIAMETER(feet)	12'	18'	28'	30'			
GPM	170	195	235	260			
DEPTH VERTICAL(inches)	32"	32"	38"	38"			
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"			
WEEPING WILLOW PAGE 80							
HORSEPOWER	0.5	1	1.5	2			
HEIGHT(feet)	9'	11'	15'	18'			
DIAMETER(feet)	18'	26'	30'	40'			
GPM	170	195	235	260			
DEPTH VERTICAL(inches)	32"	32"	38"	38"			
DEPTH HORIZONTAL(inches)	16"	16"	16"	16"			



International 50Hz

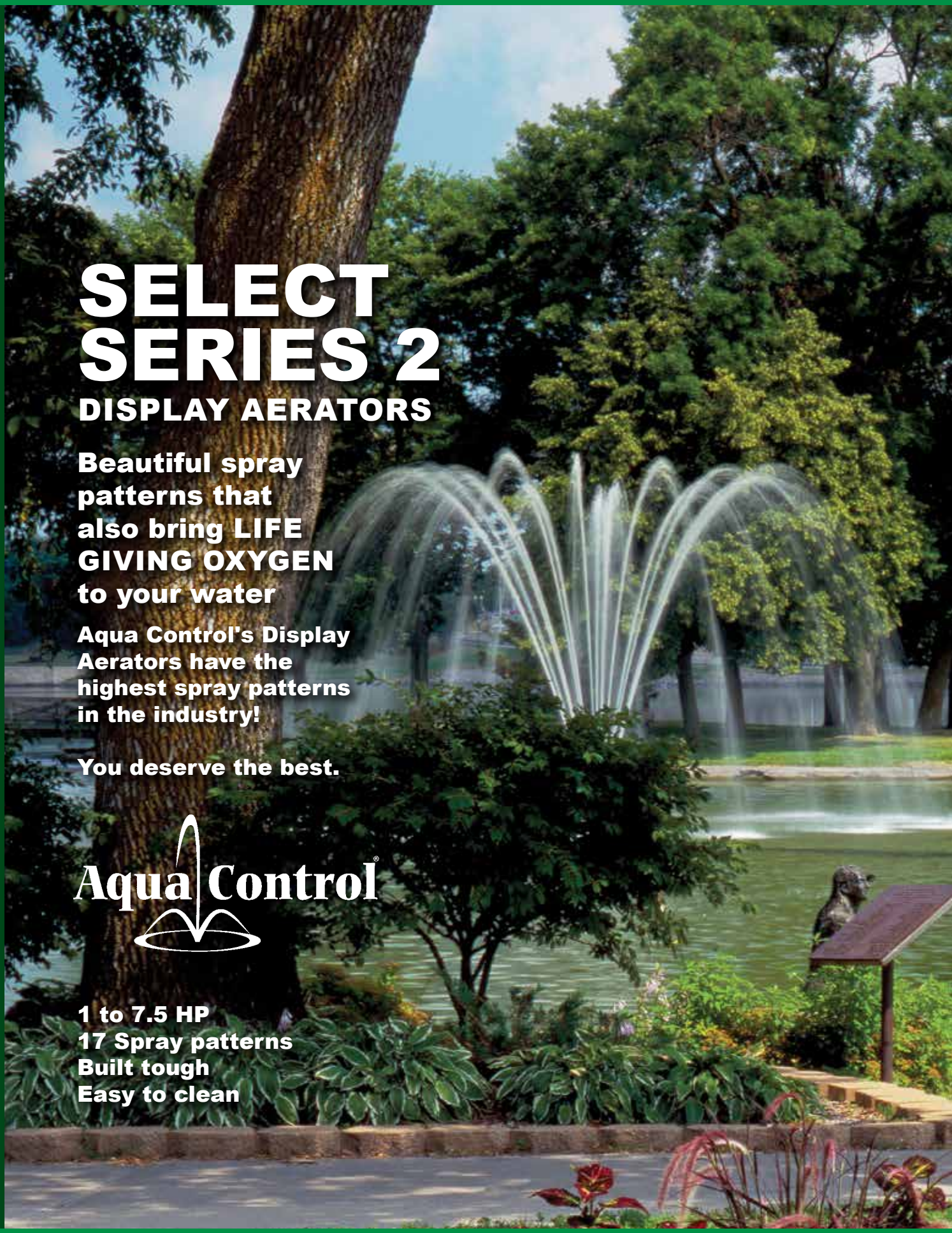
CLUSTER ARCH PAGE 38								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	2,0m	2,7m	3,8m	4,3m				
DIAMETERm	2,4m	3,0m	4,8m	5,3m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				
DAFFODIL PAGE 42								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	1,8m	2,3m	3,3m	3,8m				
DIAMETERm	3,6m	5,4m	9,0m	10,5m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				
DELMAR PAGE 44								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	2,0m	2,7m	3,8m	4,3m				
DIAMETERm	1,9m	2,5m	3,6m	4,0m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				
DOUBLE ARCH PAGE 46								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	2,0m	2,7m	3,8m	4,3m				
DIAMETERm	7,5m	8,6m	11,3m	14,6m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				
DOUBLE ARCH LILY PAGE 50								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	1,3m	1,4m	2,2m	2,8m				
DIAMETERm	3,0m	3,2m	6,6m	9,0m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				
FLARE PAGE 54								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	0,7m	0,9m	1,1m	1,2m				
DIAMETERm	4,2m	6,0m	10,0m	10,8m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				
LILY PAGE 56								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	1,6m	1,8m	2,7m	3,4m				
DIAMETERm	3,6m	4,2m	7,2m	9,6m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				
PENTALATOR PAGE 60								
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHTm	2,0m	2,5m	3,5m	4,0m				
DIAMETERm	7,0m	9,7m	10,8m	13,0m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m				
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m				



International 50Hz

QUAD PAGE 62							
KILOWATTS	0,37	0,75	1,1	1,5			
HEIGHTm	2,0m	2,7m	3,8m	4,3m			
DIAMETERm	7,6m	9,7m	12,4m	15,6m			
M3/H	32,9	36,3	47,7	52,2			
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m			
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m			
SPIDER & ARCH PAGE 66							
KILOWATTS	0,37	0,75	1,1	1,5			
HEIGHTm	2,0m	2,5m	3,5m	4,0m			
DIAMETERm	7,6m	9,7m	12,4m	15,0m			
M3/H	32,9	36,3	47,7	52,2			
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m			
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m			
SUPER LILY PAGE 70							
KILOWATTS	0,37	0,75	1,1	1,5			
HEIGHTm	1,3m	1,4m	2,2m	2,7m			
DIAMETERm	3,0m	3,2m	6,6m	8,4m			
M3/H	32,9	36,3	47,7	52,2			
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m			
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m			
TIARA PAGE 74							
KILOWATTS	0,37	0,75	1,1	1,5			
HEIGHTm	2,0m	2,5m	3,5m	4,0m			
DIAMETERm	7,6m	9,7m	12,4m	15,6m			
M3/H	32,9	36,3	47,7	52,2			
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m			
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m			
TORNADO PAGE 76							
KILOWATTS	0,37	0,75	1,1	1,5			
HEIGHTm	1,5m	1,8m	2,5m	2,7m			
DIAMETERm	4,2m	6,0m	10m	10,8m			
M3/H	32,9	36,3	47,7	52,2			
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m			
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m			
TRILLIUM PAGE 78							
KILOWATTS	0,37	0,75	1,1	1,5			
HEIGHTm	1,8m	2,2m	3,2m	3,8m			
DIAMETERm	3,2m	4,8m	6,5m	7,6m			
M3/H	32,9	36,3	47,7	52,2			
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m			
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m			
WEEPING WILLOW PAGE 80							
KILOWATTS	0,37	0,75	1,1	1,5			
HEIGHTm	2,0m	2,7m	3,8m	4,3m			
DIAMETERm	4,8m	7,0m	8,6m	10,8m			
M3/H	32,9	36,3	47,7	52,2			
DEPTH VERTICALm	0,82m	0,82m	0,96m	0,96m			
DEPTH HORIZONTALm	0,41m	0,41m	0,41m	0,41m			





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Full Geyser
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5 HP

Cluster Arch
Albert Lea • Minnesota
7.5 HP

SELECT SERIES 2 Display Aerators



CLUSTER ARCH

1.0 HP



60Hz:
8’-27’ Height x 16’-54’ Diameter

50Hz:
2,4m-7,0m Height x 4,9m-14,0m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

CLUSTER ARCH by night

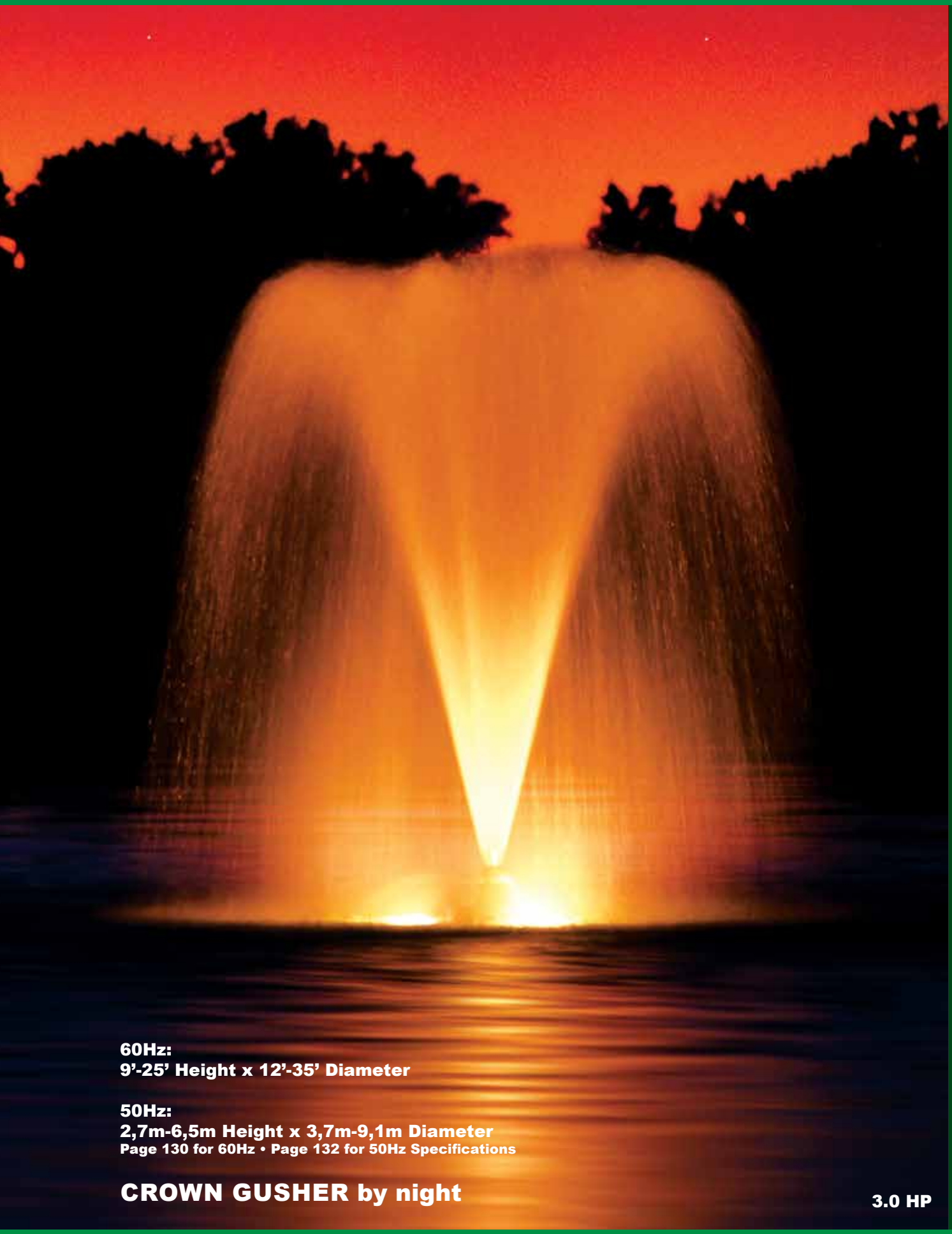
1.0HP

SELECT SERIES 2 Display Aerators



CROWN GUSHER

3.0 HP



60Hz:
9'-25' Height x 12'-35' Diameter

50Hz:
2,7m-6,5m Height x 3,7m-9,1m Diameter

Page 130 for 60Hz • Page 132 for 50Hz Specifications

CROWN GUSHER by night

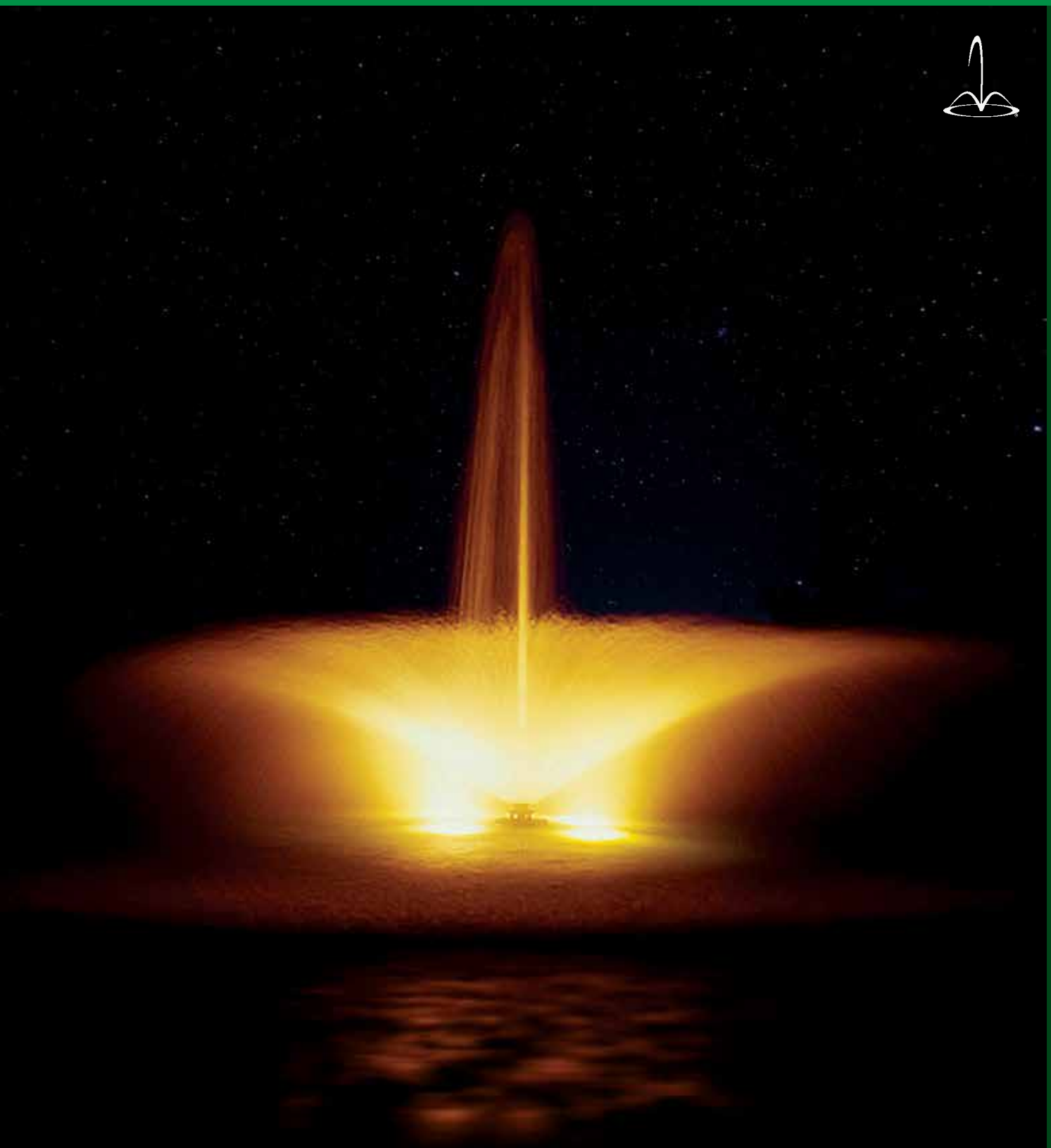
3.0 HP

SELECT SERIES 2 Display Aerators



DAFFODIL

3.0 HP



60Hz:
10’-30’ Height x 25’-75’ Diameter

50Hz:
3,0m-7,8m Height x 7,6m-19,4m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

DAFFODIL by night

2.0 HP

SELECT SERIES 2 Display Aerators





60Hz:
9’-28’ Height x 10’-36’ Diameter

50Hz:
2,7m-7,3m Height x 3,0m-9,3m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

DELMAR by night

3.0 HP

SELECT SERIES 2 Display Aerators



DOUBLE ARCH

3.0 HP



60Hz:
8’-27’ Height x 18’-60’ Diameter

50Hz:
2,4m-7,0m Height x 5,5m-15,5m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

DOUBLE ARCH by night

1.0 HP

SELECT SERIES 2 Display Aerators



FALLING WATERS

7.5 HP



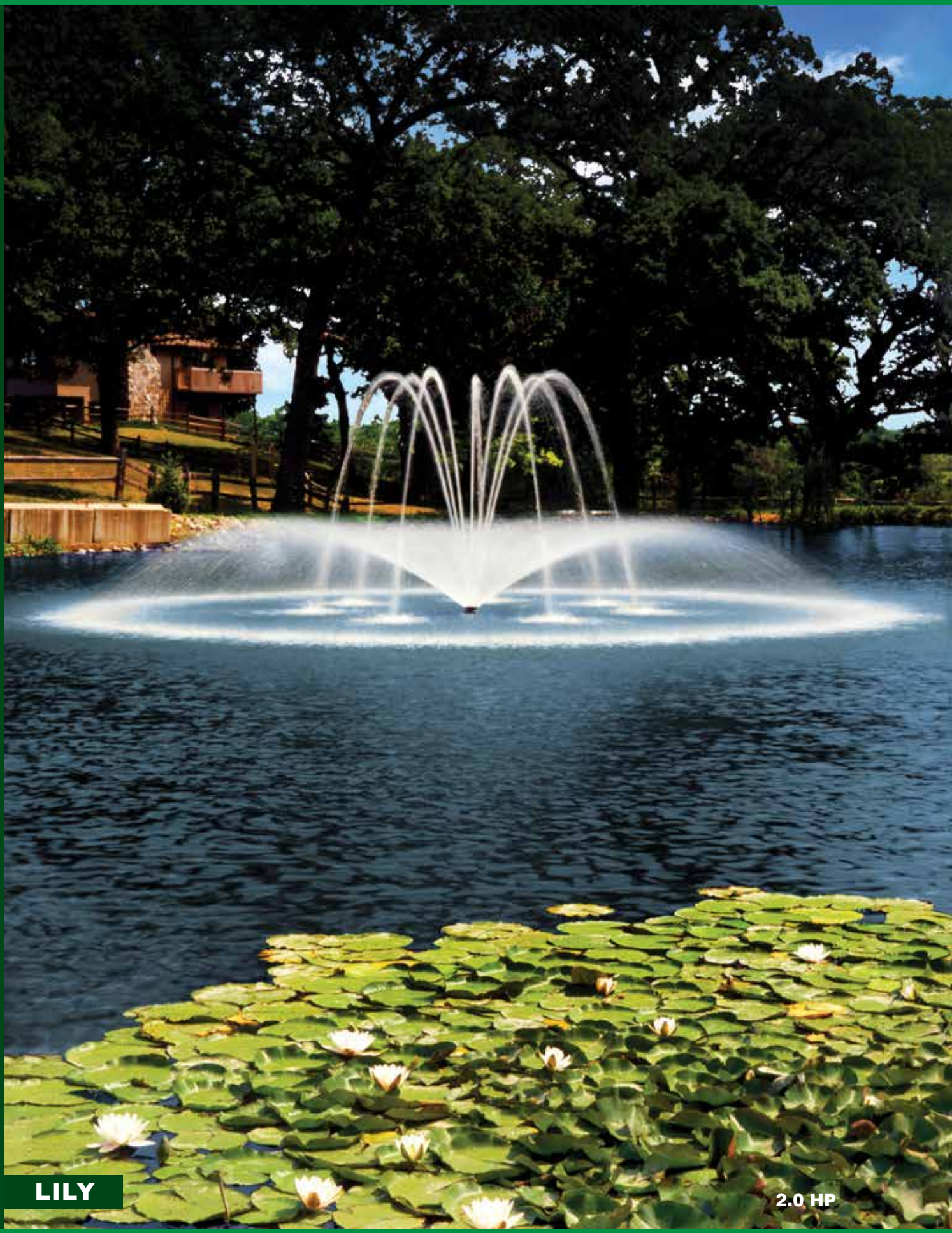
60Hz:
25’-33’ Height x 7’-10’ Diameter

50Hz:
7,6m-8,5m Height x 2,1m-2,6m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

FALLING WATERS by night

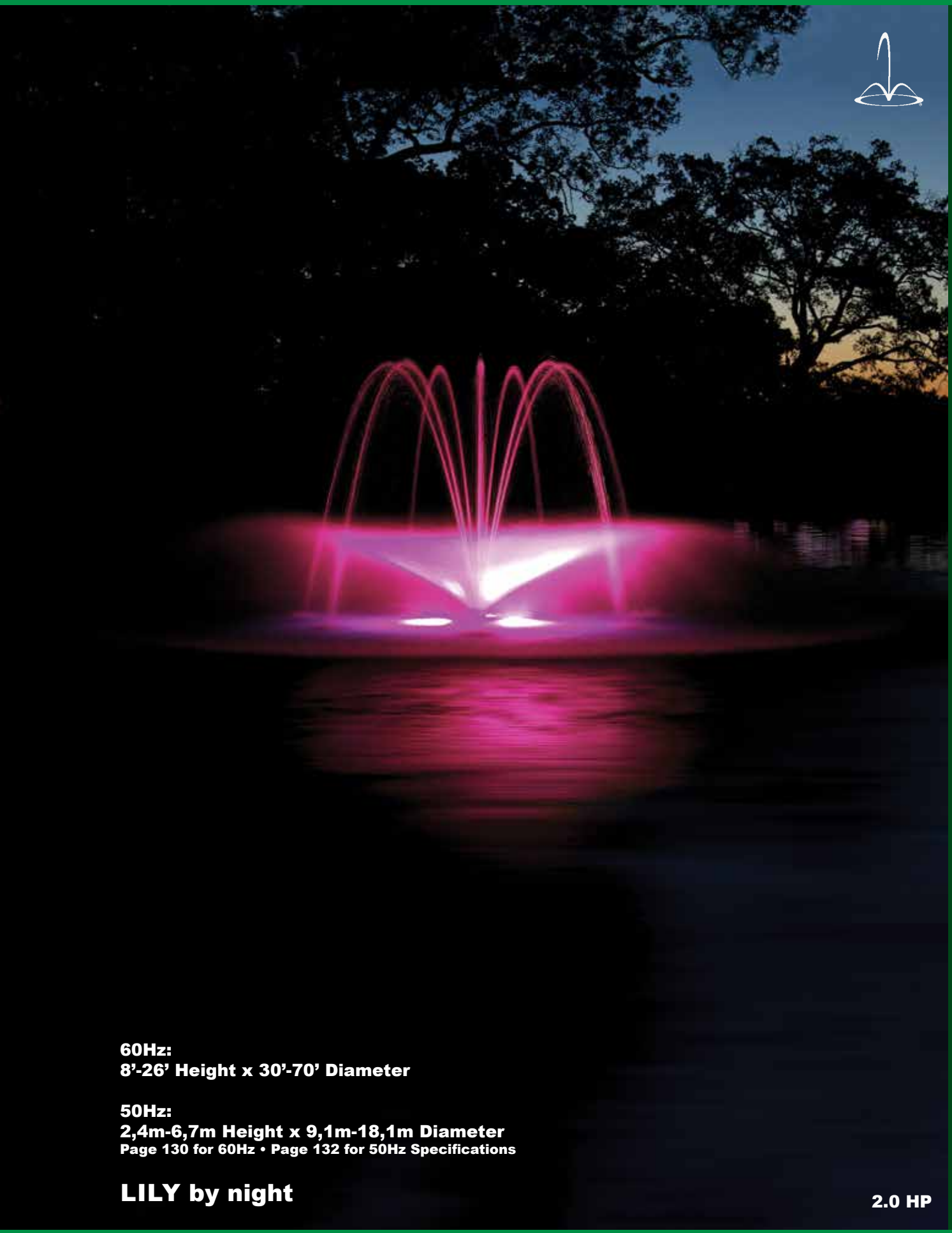
7.5 HP

SELECT SERIES 2 Display Aerators



LILY

2.0 HP



60Hz:
8’-26’ Height x 30’-70’ Diameter

50Hz:
2,4m-6,7m Height x 9,1m-18,1m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

LILY by night

2.0 HP

SELECT SERIES 2 Display Aerators



PENTALATOR

3.0 HP



60Hz:
8’-33’ Height x 25’-60’ Diameter

50Hz:
2,4m-8,5m Height x 7,6m-15,5m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

PENTALATOR by night

5.0 HP



QUAD

5.0 HP



60Hz:
9’-30’ Height x 25’-80’ Diameter

50Hz:
2,7m-7,8m Height x 7,6m-20,7m Diameter
Page 130 for 60Hz • Page 132 for 50Hz Specifications

QUAD by night

3.0 HP

SELECT SERIES 2 Display Aerators



SCEPTER

7.5 HP



60Hz:
9’-31’ Height x 7’-25’ Diameter

50Hz:
2,7m-8,0m Height x 2,1m-6,5m Diameter
Page 131 for 60Hz • Page 133 for 50Hz Specifications

SCEPTER by night

5.0 HP

SELECT SERIES 2 Display Aerators



SPIDER & ARCH

3.0 HP



60Hz:
8’-32’ Height x 30’-100’ Diameter

50Hz:
2,4m-8,3m Height x 9,1m-25,9m Diameter
Page 131 for 60Hz • Page 133 for 50Hz Specifications

SPIDER & ARCH by night

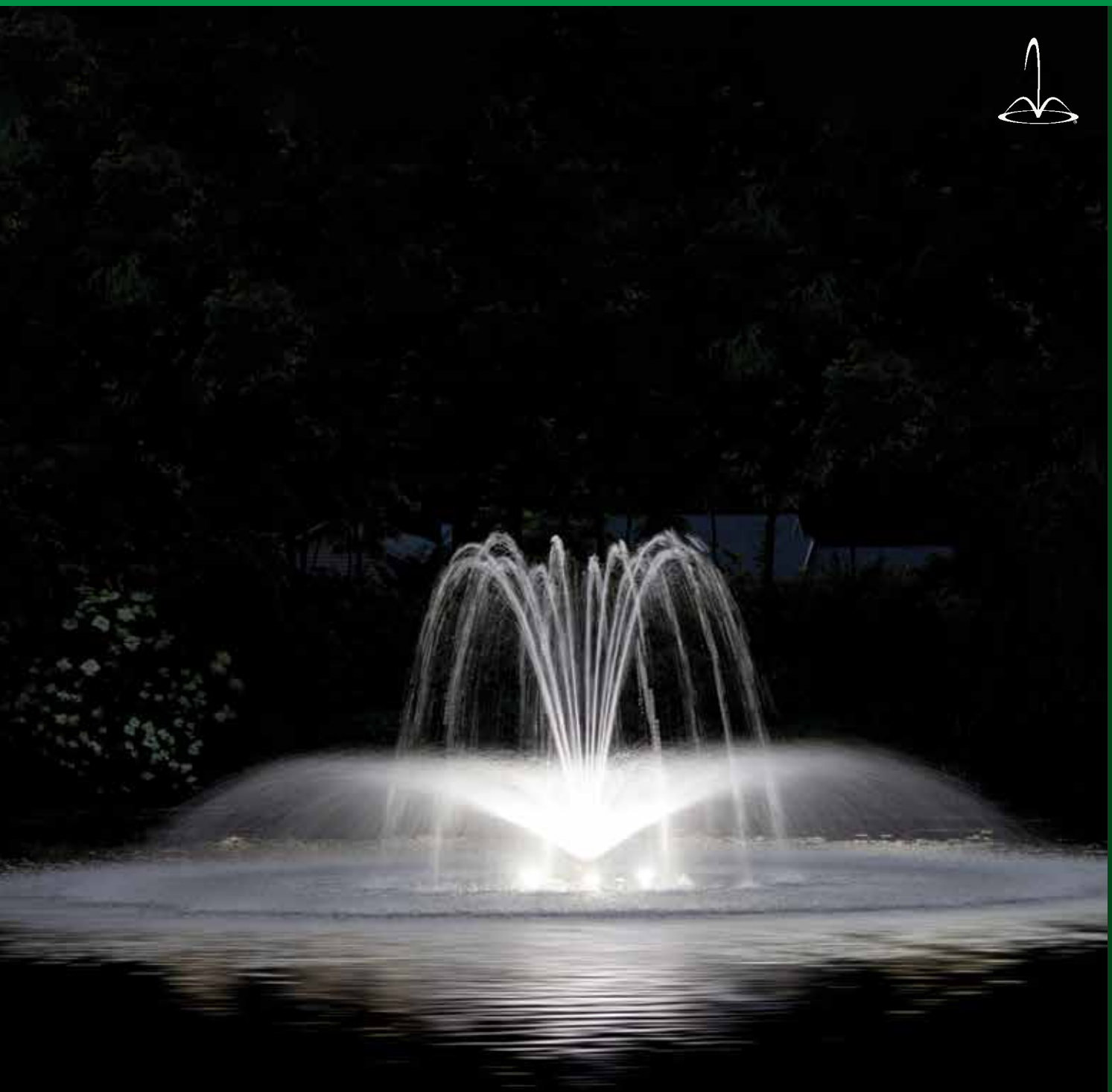
5.0 HP

SELECT SERIES 2 Display Aerators



SUPER LILY

2.0 HP



60Hz:
8’-18’ Height x 30’-50’ Diameter

50Hz:
2,4m-5,5m Height x 9,1m-15,2m Diameter
Page 131 for 60Hz • Page 133 for 50Hz Specifications

SUPER LILY by night

3.0 HP

SELECT SERIES 2 Display Aerators





60Hz:
7'-20' Height x 20'-55' Diameter

50Hz:
2,1m-5,2m Height x 6,1m-14,2m Diameter
Page 131 for 60Hz • Page 133 for 50Hz Specifications

TORNADO by night

3.0 HP



TORRENT

3.0 HP



60Hz:
1'-2' Height x 3'-4' Diameter

50Hz:
0,3m-0,6m Height x 0,9m-1,2m Diameter

Page 131 for 60Hz • Page 133 for 50Hz Specifications

TORRENT by night

2.0 HP

The Torrent doesn't interchange with any other nozzle.

SELECT SERIES 2 Display Aerators



TRILLIUM

5.0 HP



60Hz:
9’-33’ Height x 15’-46’ Diameter

50Hz:
2,7m-8,5m Height x 4,6m-11,9m Diameter
Page 131 for 60Hz • Page 133 for 50Hz Specifications

TRILLIUM by night

3.0 HP

SELECT SERIES 2 Display Aerators





60Hz:
9'-18' Height x 18'-36' Diameter

50Hz:
2,7m-5,5m Height x 5,5m-11,0m Diameter
Page 131 for 60Hz • Page 133 for 50Hz Specifications

TRIPLE TIER by night

5.0 HP

SELECT SERIES 2 Display Aerators

SELECT SERIES 2 Display Aerators



WEEPING WILLOW

1.0 HP



60Hz:
8’-33’ Height x 12’-35’ Diameter

50Hz:
2,4m-8,5m Height x 3,7m-9,1m Diameter
Page 131 for 60Hz • Page 133 for 50Hz Specifications

WEEPING WILLOW by night

3.0 HP

North American 60Hz

CLUSTER ARCH PAGE 96

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	8'	12'	14'	20'	27'			
DIAMETER(feet)	16'	24'	28'	40'	54'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

CROWN GUSHER PAGE 98

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	9'	11'	15'	20'	25'			
DIAMETER(feet)	12'	16'	22'	27'	35'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

DAFFODIL PAGE 100

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	10'	12'	14'	20'	30'			
DIAMETER(feet)	25'	30'	36'	54'	75'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

DELMAR PAGE 102

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	9'	12'	14'	22'	28'			
DIAMETER(feet)	10'	13'	15'	26'	36'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

DOUBLE ARCH PAGE 104

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	8'	12'	15'	20'	27'			
DIAMETER(feet)	18'	22'	32'	48'	60'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

FALLING WATERS PAGE 106

HORSEPOWER				5	7.5			
HEIGHT(feet)				25'	33'			
DIAMETER(feet)				7'	10'			
GPM				500	550			
DEPTH VERTICAL(inches)				44"	51"			
DEPTH HORIZONTAL(inches)				28"	28"			

LILY PAGE 108

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	8'	10'	14'	19'	26'			
DIAMETER(feet)	30'	36'	40'	60'	70'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

PENTALATOR PAGE 110

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	8'	12'	16'	22'	33'			
DIAMETER(feet)	25'	30'	42'	50'	60'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

QUAD PAGE 112

HORSEPOWER	1	2	3	5	7.5			
HEIGHT(feet)	9'	12'	15'	20'	30'			
DIAMETER(feet)	25'	35'	40'	48'	80'			
GPM	250	350	450	500	550			
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"			

North American 60Hz

SCEPTER PAGE 114

HORSEPOWER	1	2	3	5	7.5		
HEIGHT(feet)	9'	10'	14'	25'	31'		
DIAMETER(feet)	7'	8'	10'	20'	25'		
GPM	250	350	450	500	550		
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"		
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"		

SPIDER & ARCH PAGE 116

HORSEPOWER	1	2	3	5	7.5		
HEIGHT(feet)	8'	12'	14'	20'	32'		
DIAMETER(feet)	30'	36'	45'	66'	100'		
GPM	250	350	450	500	550		
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"		
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"		

SUPER LILY PAGE 118

HORSEPOWER	1	2	3	5			
HEIGHT(feet)	8'	10'	14'	18'			
DIAMETER(feet)	30'	35'	36'	50'			
GPM	250	350	450	500			
DEPTH VERTICAL(inches)	32"	44"	44"	44"			
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"			

TORNADO PAGE 120

HORSEPOWER	1	2	3	5	7.5		
HEIGHT(feet)	7'	9'	12'	15'	20'		
DIAMETER(feet)	20'	25'	30'	35'	55'		
GPM	250	350	450	500	550		
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"		
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"		

TORRENT PAGE 122

THE TORRENT DOESN'T INTERCHANGE WITH ANY OTHER NOZZLE.

HORSEPOWER	1	2	3				
HEIGHT(feet)	1'	2'	2'				
DIAMETER(feet)	3'	4'	4'				
GPM	500	700	800				
DEPTH VERTICAL(inches)	32"	44"	44"				
DEPTH HORIZONTAL(inches)	28"	28"	28"				

TRILLIUM PAGE 124

HORSEPOWER	1	2	3	5	7.5		
HEIGHT(feet)	9'	12'	16'	22'	33'		
DIAMETER(feet)	15'	18'	26'	36'	46'		
GPM	250	350	450	500	550		
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"		
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"		

TRIPLE TIER PAGE 126

HORSEPOWER		2	3	5			
HEIGHT(feet)		9'	12'	18'			
DIAMETER(feet)		18'	24'	36'			
GPM		350	450	500			
DEPTH VERTICAL(inches)		44"	44"	44"			
DEPTH HORIZONTAL(inches)		28"	28"	28"			

WEEPING WILLOW PAGE 128

HORSEPOWER	1	2	3	5	7.5		
HEIGHT(feet)	8'	12'	14'	20'	33'		
DIAMETER(feet)	12'	15'	18'	25'	35'		
GPM	250	350	450	500	550		
DEPTH VERTICAL(inches)	32"	44"	44"	44"	51"		
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"	28"		



International 50Hz

CLUSTER ARCH PAGE 96

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	2,4[m]	3,7[m]	4,3[m]	6,1[m]	7,0[m]			
DIAMETER[m]	4,9[m]	7,3[m]	8,5[m]	12,2[m]	14,0[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

CROWN GUSHER PAGE 98

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	2,7[m]	3,4[m]	4,6[m]	6,1[m]	6,5[m]			
DIAMETER[m]	3,7[m]	4,9[m]	6,7[m]	8,2[m]	9,1[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

DAFFODIL PAGE 100

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	3,0[m]	3,7[m]	4,3[m]	6,1[m]	7,8[m]			
DIAMETER[m]	7,6[m]	9,1[m]	11,0[m]	16,5[m]	19,4[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

DELMAR PAGE 102

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	2,7[m]	3,7[m]	4,3[m]	6,7[m]	7,3[m]			
DIAMETER[m]	3,0[m]	4,0[m]	4,6[m]	7,9[m]	9,3[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

DOUBLE ARCH PAGE 104

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	2,4[m]	3,7[m]	4,6[m]	6,1[m]	7,0[m]			
DIAMETER[m]	5,5[m]	6,7[m]	9,8[m]	14,6[m]	15,5[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

FALLING WATERS PAGE 106

KILOWATTS				3,7	5,5			
HEIGHT[m]				7,6[m]	8,5[m]			
DIAMETER[m]				2,1[m]	2,6[m]			
M3/H				110	125			
DEPTH VERTICAL[m]				1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]				0,7[m]	0,7[m]			

LILY PAGE 108

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	2,4[m]	3,0[m]	4,3[m]	5,8[m]	6,7[m]			
DIAMETER[m]	9,1[m]	11,0[m]	12,2[m]	18,3[m]	19,1[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

PENTALATOR PAGE 110

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	2,4[m]	3,7[m]	4,9[m]	6,7[m]	8,5[m]			
DIAMETER[m]	7,6[m]	9,1[m]	12,8[m]	15,2[m]	15,5[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

QUAD PAGE 112

KILOWATTS	0,75	1,5	2,2	3,7	5,5			
HEIGHT[m]	2,7[m]	3,7[m]	4,6[m]	6,1[m]	7,8[m]			
DIAMETER[m]	7,6[m]	10,7[m]	12,2[m]	14,6[m]	20,7[m]			
M3/H	60	80	100	110	125			
DEPTH VERTICAL[m]	0,8[m]	1,1[m]	1,1[m]	1,1[m]	1,3[m]			
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]			

International 50Hz

SCEPTER PAGE 114

KILOWATTS	0,75	1,5	2,2	3,7	5,5		
HEIGHT^{m}	2,7^{m}	3,0^{m}	4,3^{m}	7,6^{m}	8,0^{m}		
DIAMETER^{m}	2,1^{m}	2,4^{m}	3,0^{m}	6,1^{m}	6,5^{m}		
M3/H	60	80	100	110	125		
DEPTH VERTICAL^{m}	0,8^{m}	1,1^{m}	1,1^{m}	1,1^{m}	1,3^{m}		
DEPTH HORIZONTAL^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}		

SPIDER & ARCH PAGE 116

KILOWATTS	0,75	1,5	2,2	3,7	5,5		
HEIGHT^{m}	2,4^{m}	3,7^{m}	4,3^{m}	6,1^{m}	8,3^{m}		
DIAMETER^{m}	9,1^{m}	11,0^{m}	13,7^{m}	20,1^{m}	25,9^{m}		
M3/H	60	80	100	110	125		
DEPTH VERTICAL^{m}	0,8^{m}	1,1^{m}	1,1^{m}	1,1^{m}	1,3^{m}		
DEPTH HORIZONTAL^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}		

SUPER LILY PAGE 118

KILOWATTS	0,75	1,5	2,2	3,7			
HEIGHT^{m}	2,4^{m}	3,0^{m}	4,3^{m}	5,5^{m}			
DIAMETER^{m}	9,1^{m}	10,7^{m}	11,0^{m}	15,2^{m}			
M3/H	60	80	100	110			
DEPTH VERTICAL^{m}	0,8^{m}	1,1^{m}	1,1^{m}	1,1^{m}			
DEPTH HORIZONTAL^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}			

TORNADO PAGE 120

KILOWATTS	0,75	1,5	2,2	3,7	5,5		
HEIGHT^{m}	2,1^{m}	2,7^{m}	3,7^{m}	4,6^{m}	5,2^{m}		
DIAMETER^{m}	6,1^{m}	7,6^{m}	9,1^{m}	10,7^{m}	14,2^{m}		
M3/H	60	80	100	110	125		
DEPTH VERTICAL^{m}	0,8^{m}	1,1^{m}	1,1^{m}	1,1^{m}	1,3^{m}		
DEPTH HORIZONTAL^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}		

TORRENT PAGE 122

THE TORRENT DOESN'T INTERCHANGE WITH ANY OTHER NOZZLE.

KILOWATTS	0,75	1,5	2,2				
HEIGHT^{m}	0,3^{m}	0,6^{m}	0,6^{m}				
DIAMETER^{m}	0,9^{m}	1,2^{m}	1,2^{m}				
M3/H	110	160	180				
DEPTH VERTICAL^{m}	0,8^{m}	1,1^{m}	1,1^{m}				
DEPTH HORIZONTAL^{m}	0,7^{m}	0,7^{m}	0,7^{m}				

TRILLIUM PAGE 124

KILOWATTS	0,75	1,5	2,2	3,7	5,5		
HEIGHT^{m}	2,7^{m}	3,7^{m}	4,9^{m}	6,7^{m}	8,5^{m}		
DIAMETER^{m}	4,6^{m}	5,5^{m}	7,9^{m}	11,0^{m}	11,9^{m}		
M3/H	60	80	100	110	125		
DEPTH VERTICAL^{m}	0,8^{m}	1,1^{m}	1,1^{m}	1,1^{m}	1,3^{m}		
DEPTH HORIZONTAL^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}		

TRIPLE TIER PAGE 126

KILOWATTS		1,5	2,2	3,7			
HEIGHT^{m}		2,7^{m}	3,7^{m}	5,5^{m}			
DIAMETER^{m}		5,5^{m}	7,3^{m}	11,0^{m}			
M3/H		80	100	110			
DEPTH VERTICAL^{m}		1,1^{m}	1,1^{m}	1,1^{m}			
DEPTH HORIZONTAL^{m}		0,7^{m}	0,7^{m}	0,7^{m}			

WEEPING WILLOW PAGE 128

KILOWATTS	0,75	1,5	2,2	3,7	5,5		
HEIGHT^{m}	2,4^{m}	3,7^{m}	4,3^{m}	6,1^{m}	8,5^{m}		
DIAMETER^{m}	3,7^{m}	4,6^{m}	5,5^{m}	7,6^{m}	9,1^{m}		
M3/H	60	80	100	110	125		
DEPTH VERTICAL^{m}	0,8^{m}	1,1^{m}	1,1^{m}	1,1^{m}	1,3^{m}		
DEPTH HORIZONTAL^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}	0,7^{m}		

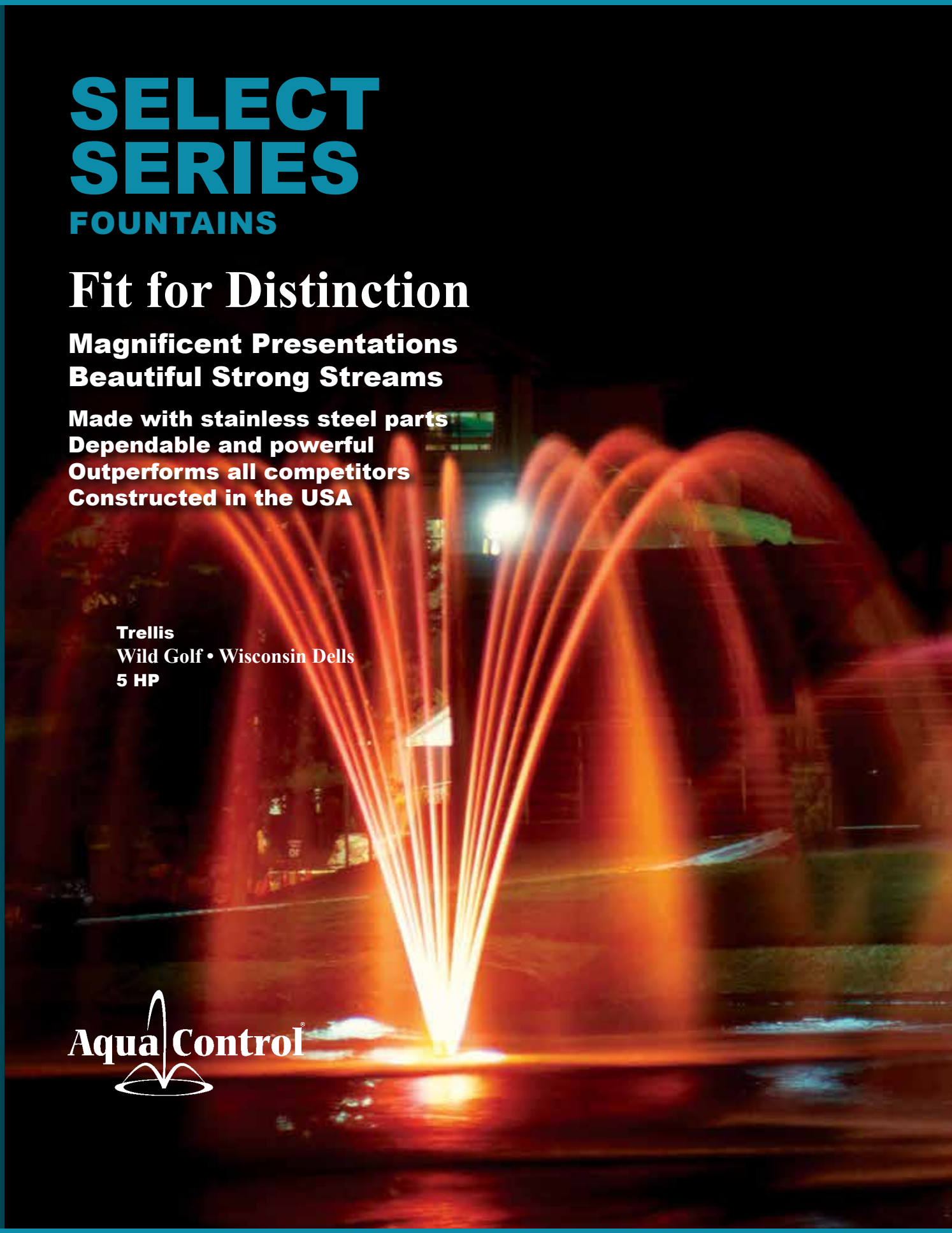


SELECT SERIES
FOUNTAINS

Fit for Distinction

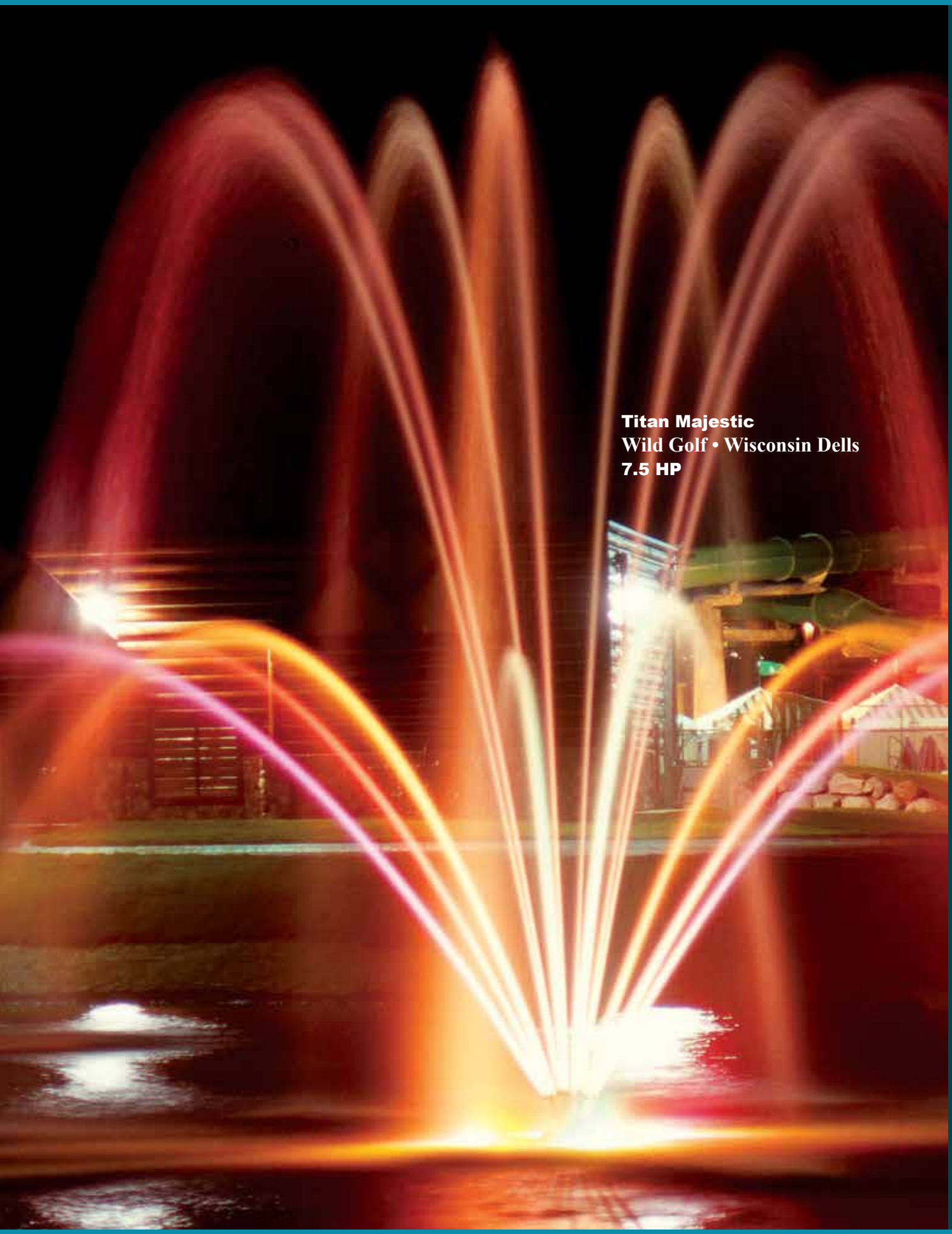
Magnificent Presentations
Beautiful Strong Streams

Made with stainless steel parts
Dependable and powerful
Outperforms all competitors
Constructed in the USA



Trellis
Wild Golf • Wisconsin Dells
5 HP

Aqua Control®



Titan Majestic
Wild Golf • Wisconsin Dells
7.5 HP


BUCKINGHAM
5.0 HP



60Hz:
20’-28’ Height x 33’-59’ Diameter

50Hz:
3,6m-9,2m Height x 7,3m-15,5m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

BUCKINGHAM by night

5.0 HP



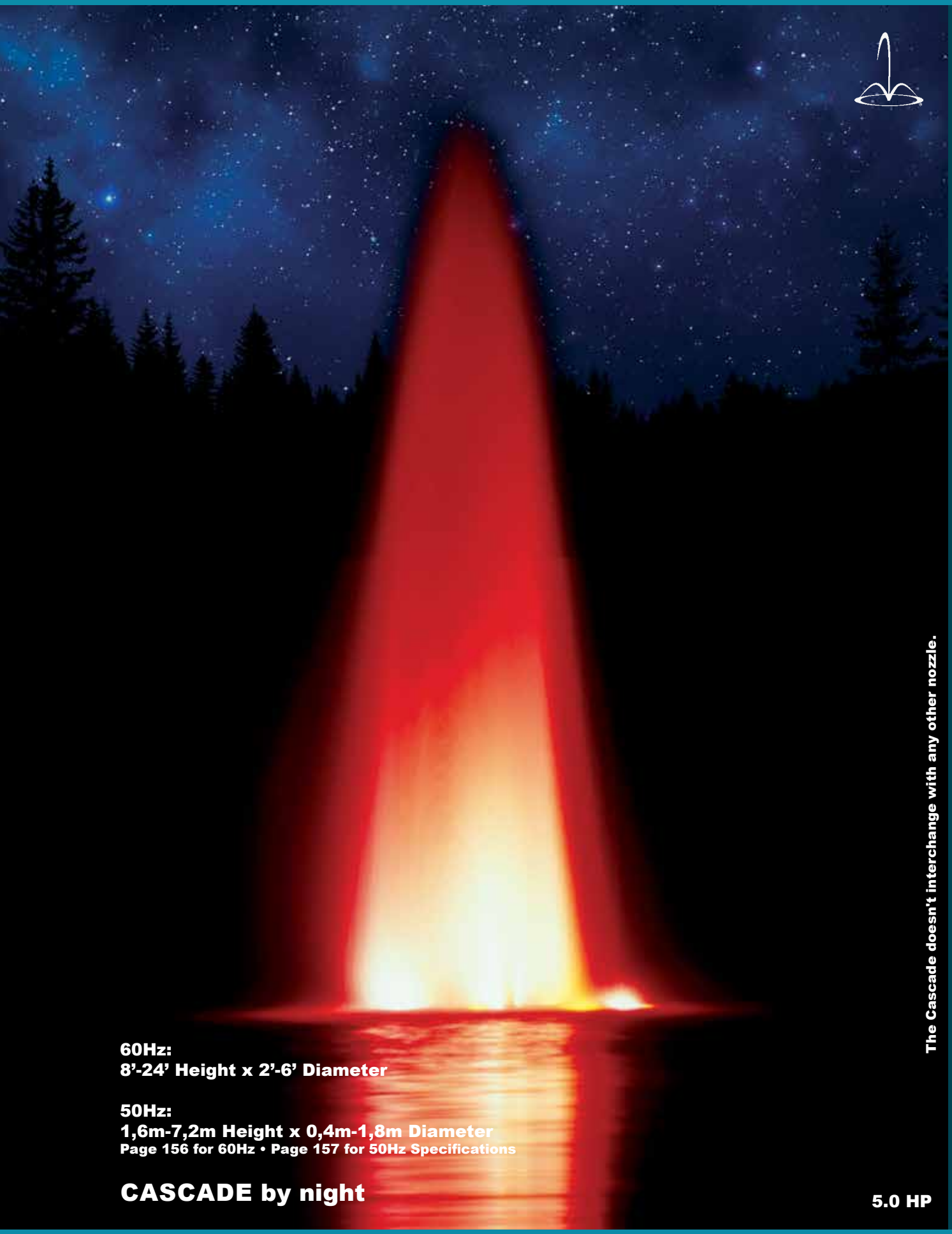
CASCADE 5.0 HP



3.0 HP



1.0 HP



60Hz:
8’-24’ Height x 2’-6’ Diameter

50Hz:
1,6m-7,2m Height x 0,4m-1,8m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

CASCADE by night

5.0 HP

The Cascade doesn’t interchange with any other nozzle.



FLEUR DE LIS

5.0 HP



60Hz:
20’-35’ Height x 30’-48’ Diameter

50Hz:
4,5m-10,1m Height x 6,3m-14,5m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

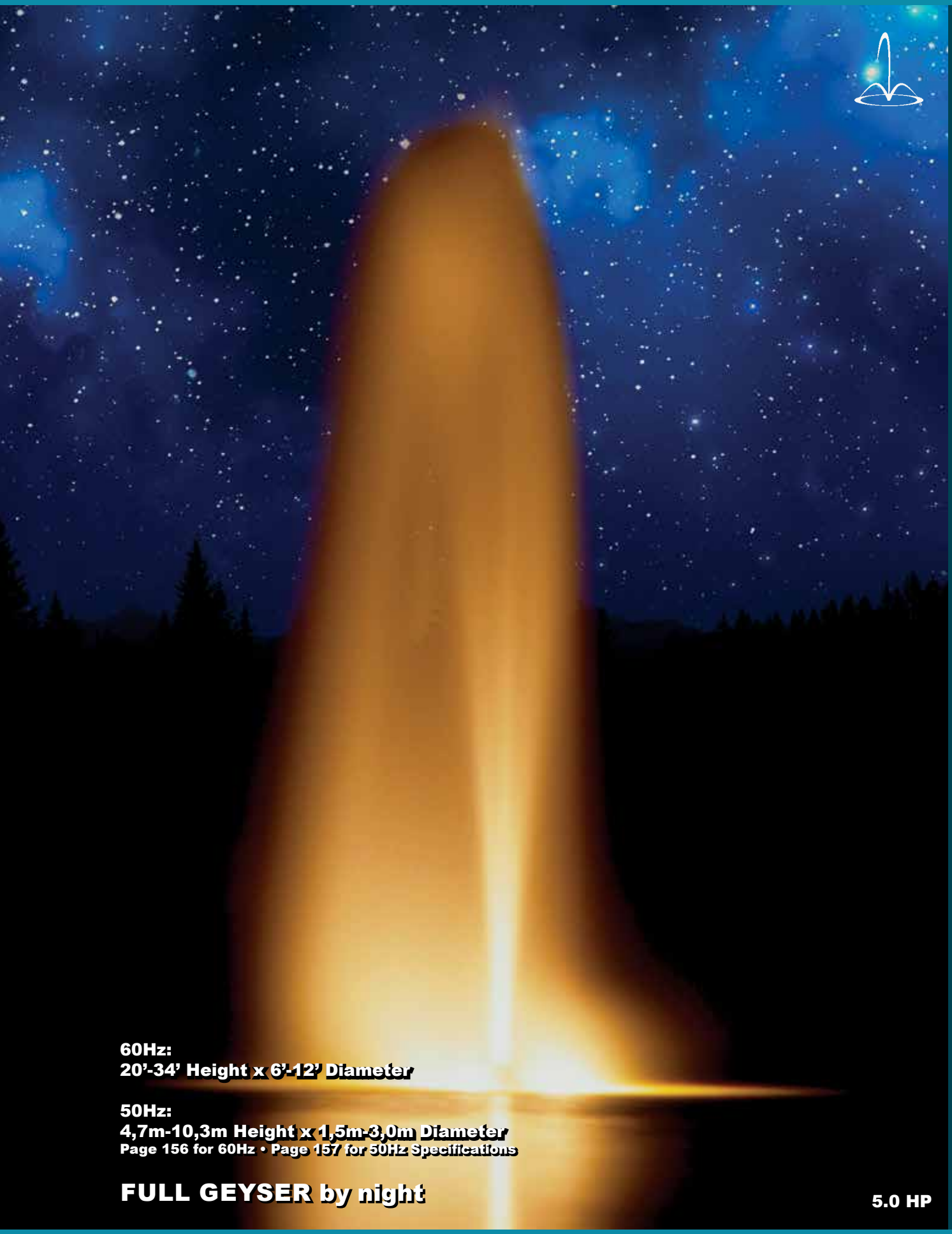
FLEUR DE LIS by night

1.0 HP



FULL GEYSER

2.0 HP



60Hz:
20’-34’ Height x 6’-12’ Diameter

50Hz:
4,7m-10,3m Height x 1,5m-3,0m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

FULL GEYSER by night

5.0 HP



MAJESTIC

5.0 HP



60Hz:
18’-30’ Height x 45’-70’ Diameter

50Hz:
4,2m-9,0m Height x 9,0m-16,3m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

MAJESTIC by night

2.0 HP



SKY GEYSER

2.0 HP



60Hz:
30’-50’ Height x 3’-7’ Diameter

50Hz:
6,3m-15,0m Height x 0,6m-2,0m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

SKY GEYSER by night

5.0 HP



SPOKE & TRELLIS

3.0 HP



60Hz:
16’-25’ Height x 40’-80’ Diameter

50Hz:
3,5m-7,5m Height x 11,8m-24,0m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

SPOKE & TRELLIS by night

3.0 HP



TIARA

5.0 HP



60Hz:
20’-34’ Height x 55’-90’ Diameter

50Hz:
3,8m-7,9m Height x 11,0m-25,6m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

TIARA by night

3.0 HP



TRELLIS

1.0 HP

SELECT SERIES Fountains



60Hz:
18’-30’ Height x 36’-60’ Diameter

50Hz:
4,2m-7,7m Height x 7,3m-15,6m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

TRELLIS by night

3.0 HP



TRELLIS & SKY GEYSER

2.0 HP



60Hz:
20’-35’ Height x 26’-42’ Diameter

50Hz:
4,5m-10,6m Height x 4,5m-12,7m Diameter
Page 156 for 60Hz • Page 157 for 50Hz Specifications

TRELLIS & SKY GEYSER by night

3.0 HP

North American 60Hz

BUCKINGHAM PAGE 136

HORSEPOWER	1	2	3	5
HEIGHT(feet)	20'	22'	25'	28'
DIAMETER(feet)	33'	44'	54'	59'
GPM	140	160	180	210
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

CASCADE PAGE 138

HORSEPOWER	1	2	3	5
HEIGHT(feet)	8'	12'	16'	24'
DIAMETER(feet)	2'	3'	4'	6'
GPM	240	320	400	480
DEPTH VERTICAL(inches)	63"	67"	67"	73"
DEPTH HORIZONTAL(inches)	36"	36"	36"	36"

FLEUR DE LIS PAGE 140

HORSEPOWER	1	2	3	5
HEIGHT(feet)	20'	24'	27'	35'
DIAMETER(feet)	30'	35'	40'	48'
GPM	140	160	180	210
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

FULL GEYSER PAGE 142

HORSEPOWER	1	2	3	5
HEIGHT(feet)	20'	24'	30'	34'
DIAMETER(feet)	6'	8'	10'	12'
GPM	115	130	150	165
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

MAJESTIC PAGE 144

HORSEPOWER	1	2	3	5
HEIGHT(feet)	18'	24'	26'	30'
DIAMETER(feet)	45'	60'	65'	70'
GPM	140	160	180	210
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

SKY GEYSER PAGE 146

HORSEPOWER	1	2	3	5
HEIGHT(feet)	30'	35'	38'	50'
DIAMETER(feet)	3'	4'	5'	7'
GPM	80	100	110	120
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

SPOKE & TRELLIS PAGE 148

HORSEPOWER	1	2	3	5
HEIGHT(feet)	16'	18'	20'	25'
DIAMETER(feet)	40'	45'	50'	80'
GPM	140	160	180	210
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

TIARA PAGE 150

HORSEPOWER	1	2	3	5
HEIGHT(feet)	20'	24'	28'	34'
DIAMETER(feet)	55'	63'	70'	90'
GPM	140	160	180	210
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

TRELLIS PAGE 152

HORSEPOWER	1	2	3	5
HEIGHT(feet)	18'	22'	26'	30'
DIAMETER(feet)	36'	44'	52'	60'
GPM	140	160	180	210
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"

TRELLIS & SKY GEYSER PAGE 154

HORSEPOWER	1	2	3	5
HEIGHT(feet)	20'	25'	30'	35'
DIAMETER(feet)	26'	36'	39'	42'
GPM	125	140	160	190
DEPTH VERTICAL(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL(inches)	28"	28"	28"	28"



International 50Hz

BUCKINGHAM PAGE 136

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	3,6[m]	4,6[m]	5,2[m]	9,2[m]
DIAMETER[m]	7,3[m]	9,0[m]	10,9[m]	15,5[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

CASCADE PAGE 138

CASCADE IS NOT INTERCHANGEABLE WITH ANY OTHER PRODUCT OR NOZZLE

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	1,6[m]	2,4[m]	4,8[m]	7,2[m]
DIAMETER[m]	0,4[m]	0,6[m]	1,2[m]	1,8[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,6[m]	1,7[m]	1,7[m]	1,9[m]
DEPTH HORIZONTAL[m]	0,9[m]	0,9[m]	0,9[m]	0,9[m]

FLEUR DE LIS PAGE 140

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	4,5[m]	5,5[m]	6,4[m]	10,1[m]
DIAMETER[m]	6,3[m]	9,0[m]	10,9[m]	14,5[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

FULL GEYSER PAGE 142

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	4,7[m]	6,0[m]	7,6[m]	10,3[m]
DIAMETER[m]	1,5[m]	1,8[m]	2,0[m]	3,0[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

MAJESTIC PAGE 144

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	4,2[m]	4,9[m]	5,8[m]	9,0[m]
DIAMETER[m]	9,0[m]	10,9[m]	13,6[m]	16,3[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

SKY GEYSER PAGE 146

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	6,3[m]	7,6[m]	11,5[m]	15,0[m]
DIAMETER[m]	0,6[m]	1,0[m]	1,5[m]	2,0[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

SPOKE & TRELLIS PAGE 148

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	3,5[m]	5,0[m]	6,0[m]	7,5[m]
DIAMETER[m]	11,8[m]	15,4[m]	18,0[m]	24,0[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

TIARA PAGE 150

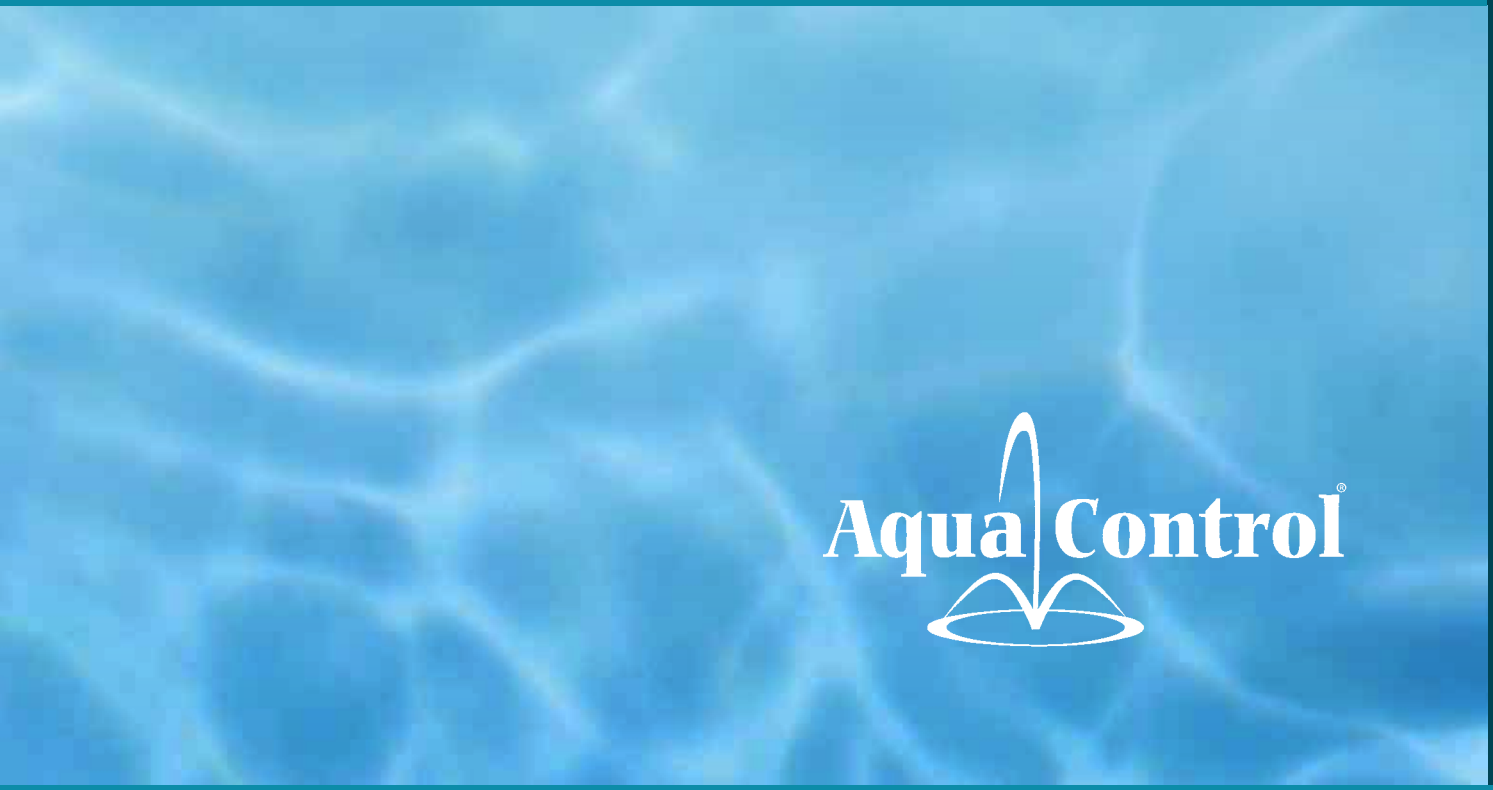
KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	3,8[m]	4,6[m]	5,4[m]	7,9[m]
DIAMETER[m]	11,0[m]	13,7[m]	16,3[m]	25,6[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

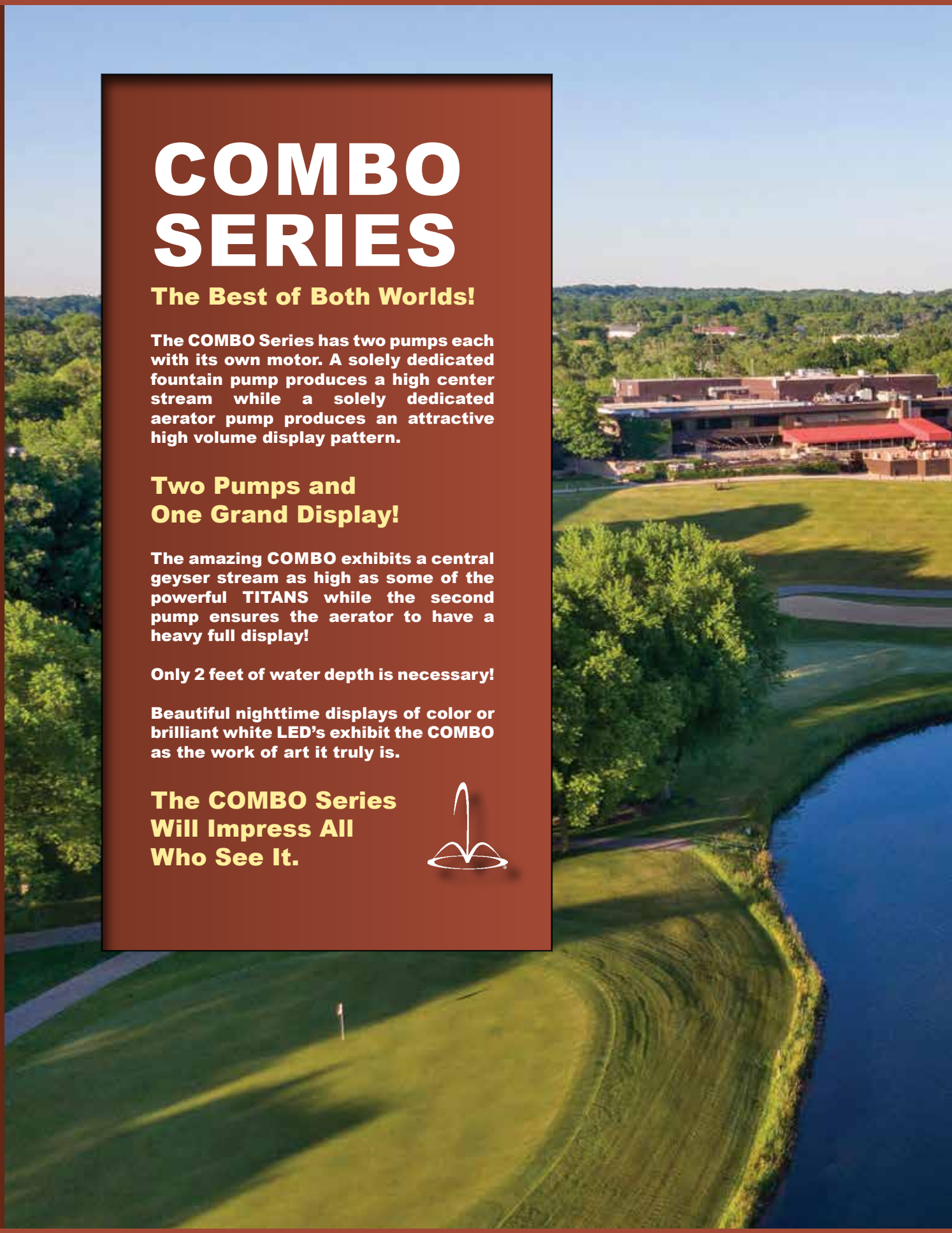
TRELLIS PAGE 152

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	4,2[m]	5,0[m]	5,9[m]	7,7[m]
DIAMETER[m]	7,3[m]	9,1[m]	10,0[m]	15,6[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

TRELLIS & SKY GEYSER PAGE 154

KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT[m]	4,5[m]	6,0[m]	6,9[m]	10,6[m]
DIAMETER[m]	4,5[m]	7,2[m]	8,1[m]	12,7[m]
M3/H	24	28	32	40
DEPTH VERTICAL[m]	1,3[m]	1,4[m]	1,4[m]	1,8[m]
DEPTH HORIZONTAL[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]





COMBO SERIES

The Best of Both Worlds!

The COMBO Series has two pumps each with its own motor. A solely dedicated fountain pump produces a high center stream while a solely dedicated aerator pump produces an attractive high volume display pattern.

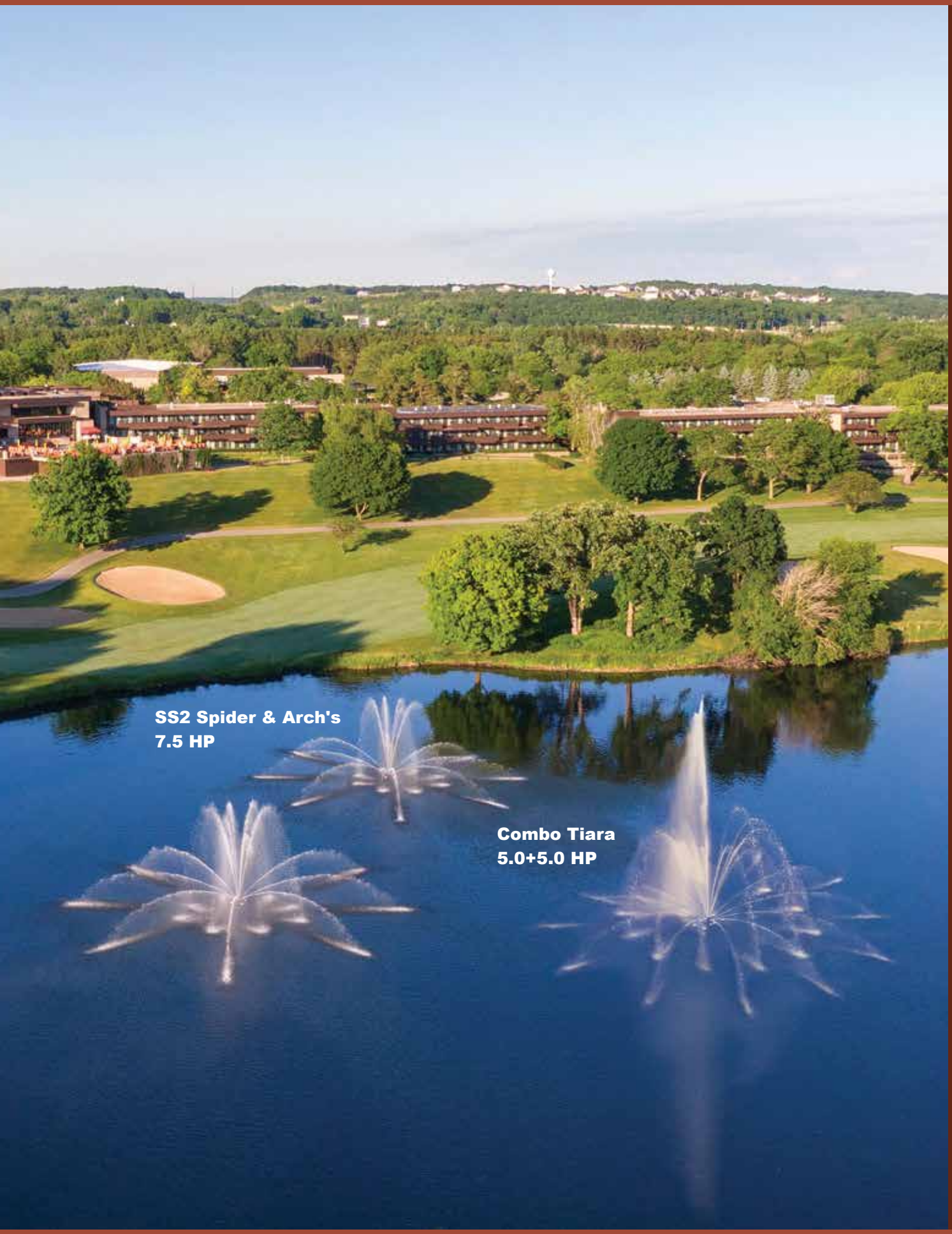
Two Pumps and One Grand Display!

The amazing COMBO exhibits a central geyser stream as high as some of the powerful TITANS while the second pump ensures the aerator to have a heavy full display!

Only 2 feet of water depth is necessary!

Beautiful nighttime displays of color or brilliant white LED's exhibit the COMBO as the work of art it truly is.

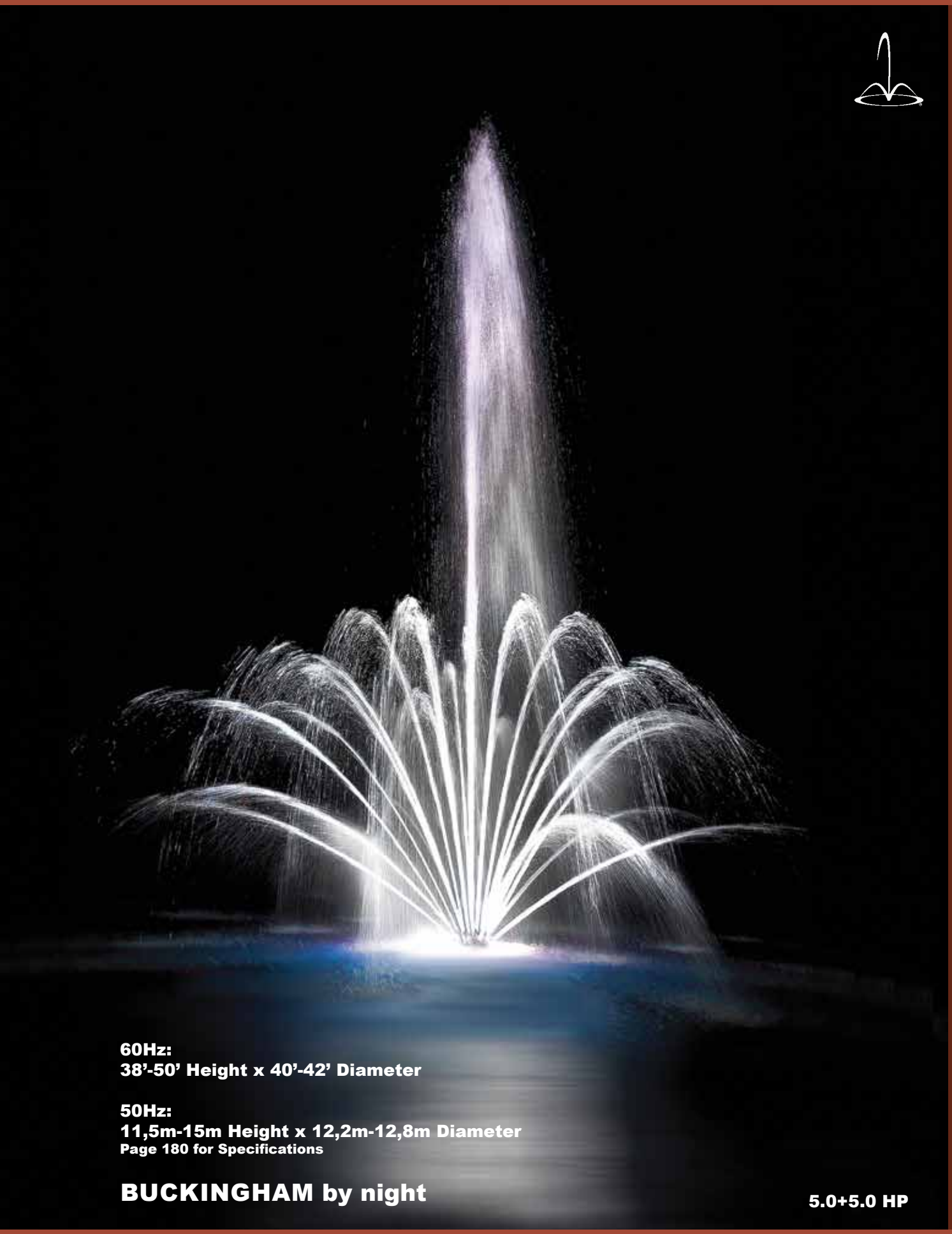
The COMBO Series Will Impress All Who See It.


SS2 Spider & Arch's
7.5 HP
Combo Tiara
5.0+5.0 HP



BUCKINGHAM

5.0+5.0 HP

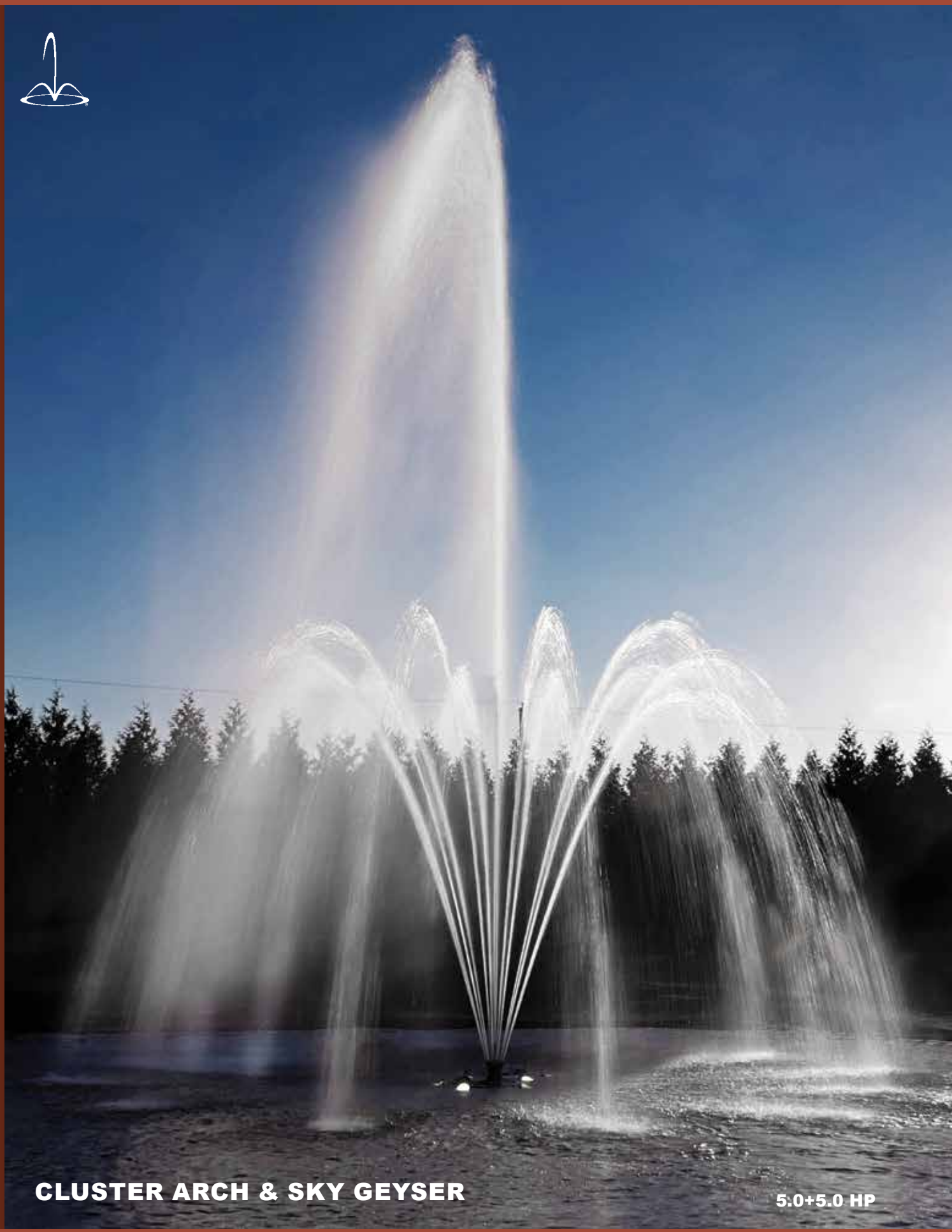


60Hz:
38’-50’ Height x 40’-42’ Diameter

50Hz:
11,5m-15m Height x 12,2m-12,8m Diameter
Page 180 for Specifications

BUCKINGHAM by night

5.0+5.0 HP



CLUSTER ARCH & SKY GEYSER

5.0+5.0 HP

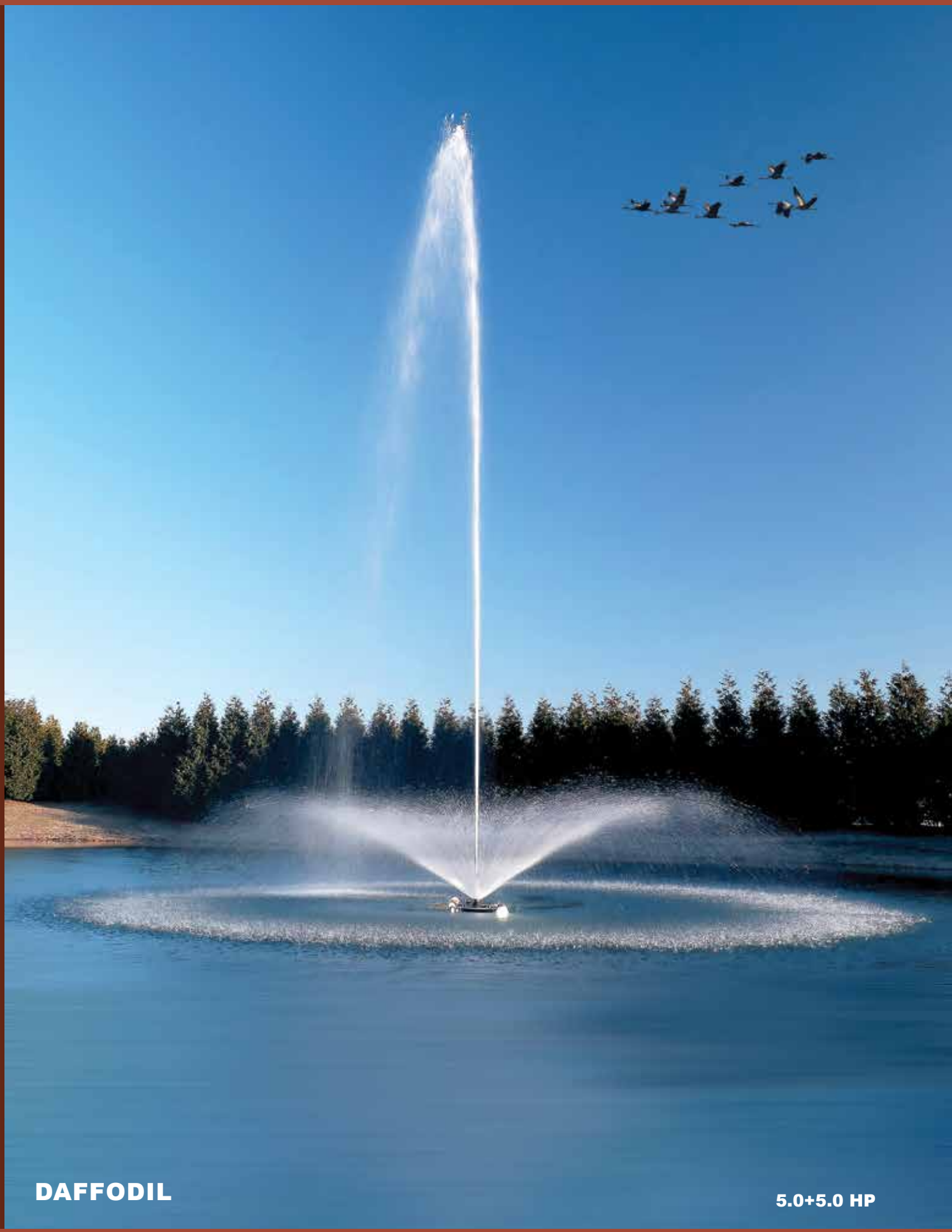


60Hz:
38’-50’ Height x 28’-42’ Diameter

50Hz:
11,5m-15m Height x 8,5m-12,8m Diameter
Page 180 for Specifications

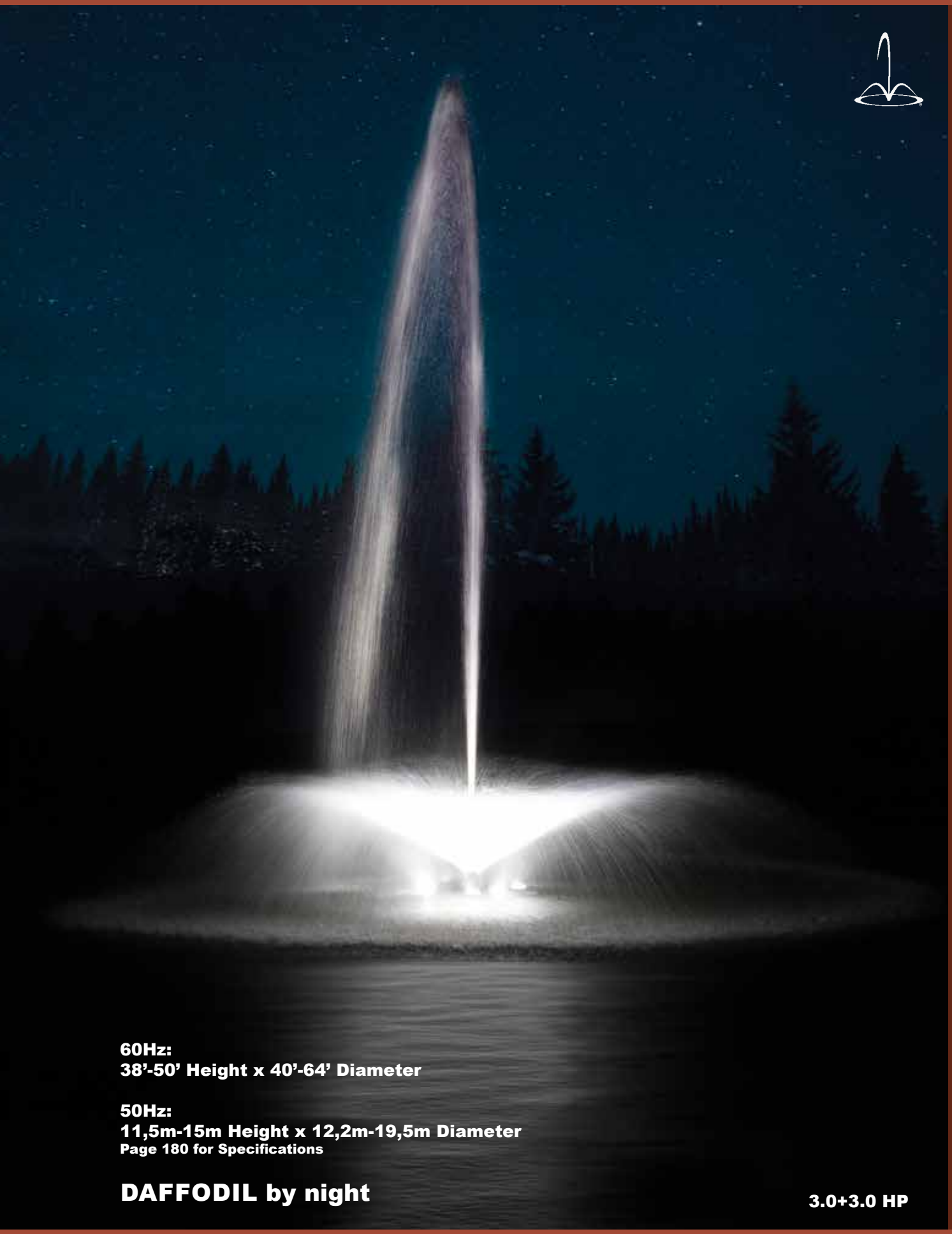
CLUSTER ARCH & SKY GEYSER by night

5.0+5.0 HP



DAFFODIL

5.0+5.0 HP



60Hz:
38’-50’ Height x 40’-64’ Diameter

50Hz:
11,5m-15m Height x 12,2m-19,5m Diameter
Page 180 for Specifications

DAFFODIL by night

3.0+3.0 HP



DOUBLE ARCH & SKY GEYSER

5.0+5.0 HP



60Hz:
38’-50’ Height x 32’-40’ Diameter

50Hz:
11,5m-15m Height x 9,8m-12,2m Diameter
Page 180 for Specifications

DOUBLE ARCH & SKY GEYSER by night

5.0+5.0 HP



FLEUR DE LIS

5.0+5.0 HP



60Hz:
38’-50’ Height x 32’-50’ Diameter

50Hz:
11,5m-15m Height x 9,8m-15m Diameter
Page 180 for Specifications

FLEUR DE LIS by night

3.0+3.0 HP



SPIDER & ARCH & SKY GEYSER

5.0+5.0 HP



60Hz:
38’-50’ Height x 45’-64’ Diameter

50Hz:
11,5m-15m Height x 13,7m-19,5m Diameter
Page 180 for Specifications

SPIDER & ARCH & SKY GEYSER by night

5.0+5.0 HP



SPOKE & SKY GEYSER

5.0+5.0 HP



60Hz:
38’-50’ Height x 45’-64’ Diameter

50Hz:
11,5m-15m Height x 13,7m-19,5m Diameter
Page 180 for Specifications

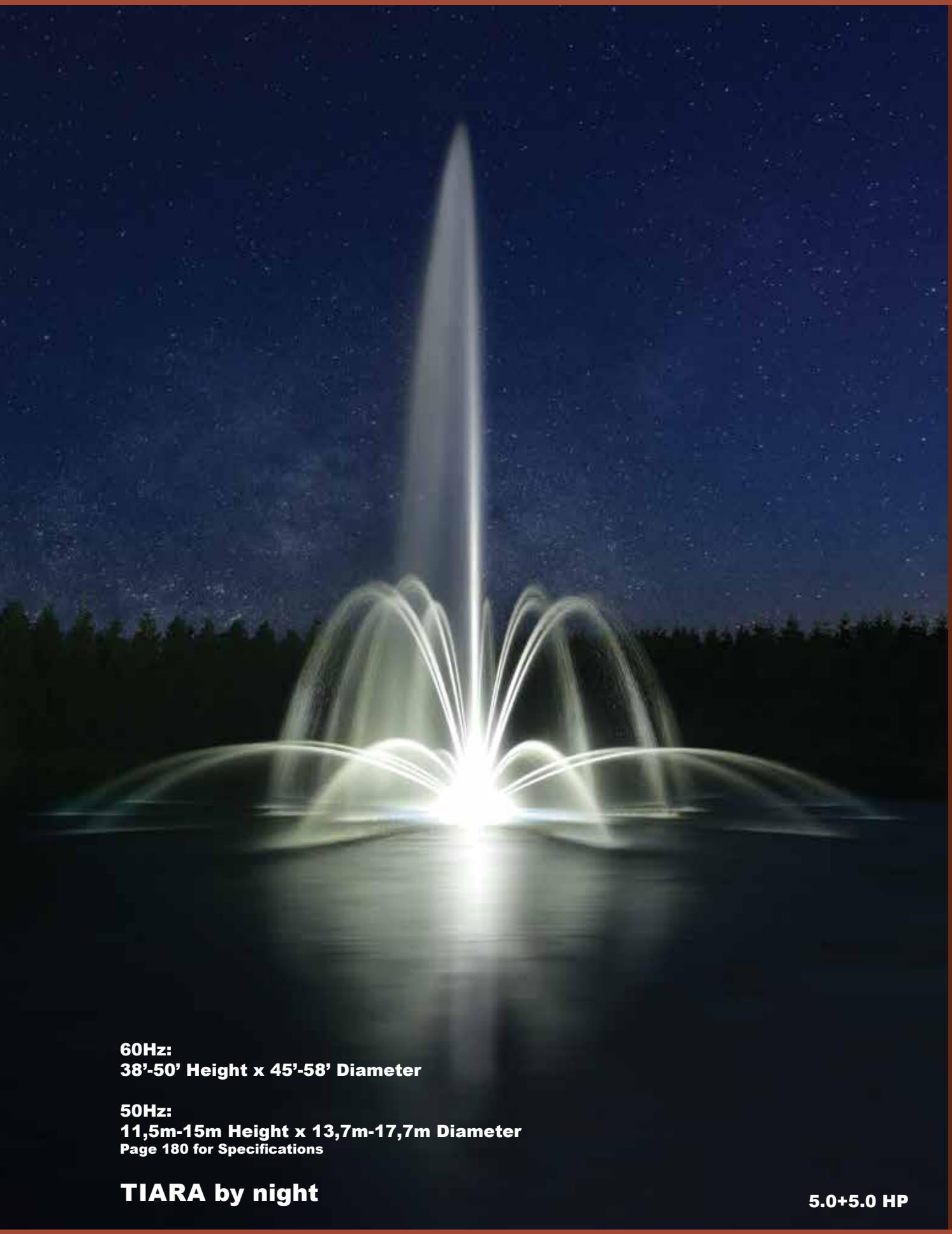
SPOKE & SKY GEYSER by night

5.0+5.0 HP



TIARA

5.0+5.0 HP



60Hz:
38’-50’ Height x 45’-58’ Diameter

50Hz:
11,5m-15m Height x 13,7m-17,7m Diameter
Page 180 for Specifications

TIARA by night

5.0+5.0 HP



TORNADO & SKY GEYSER

5.0+5.0 HP



60Hz:
38’-50’ Height x 26’-36’ Diameter

50Hz:
11,5m-15m Height x 7,9m-11m Diameter
Page 180 for Specifications

TORNADO & SKY GEYSER by night

5.0+5.0 HP



WEEPING WILLOW & SKY GEYSER

5.0+5.0 HP



60Hz:
38’-50’ Height x 18’-28’ Diameter

50Hz:
11,5m-15m Height x 5,5m-8,5m Diameter
Page 180 for Specifications

WEEPING WILLOW & SKY GEYSER by night

5.0+5.0 HP

North American 60Hz

BUCKINGHAM PAGE 160

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	40'	42'	40'	42'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

CLUSTER ARCH & SKY GEYSER PAGE 162

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	28'	42'	28'	42'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

DAFFODIL PAGE 164

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	40'	64'	40'	64'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

DOUBLE ARCH & SKY GEYSER PAGE 166

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	32'	40'	32'	40'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

FLEUR DE LIS PAGE 168

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	32'	50'	32'	50'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

SPIDER & ARCH & SKY GEYSER PAGE 170

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	45'	64'	45'	64'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

SPOKE & SKY GEYSER PAGE 172

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	45'	64'	45'	64'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

TIARA PAGE 174

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	45'	58'	45'	58'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

TORNADO & SKY GEYSER PAGE 176

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	26'	36'	26'	36'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"

WEEPING WILLOW & SKY GEYSER PAGE 178

HORSEPOWER	3+3	3+5	5+3	5+5
HEIGHT(feet)	38'	38'	50'	50'
DIAMETER(feet)	18'	28'	18'	28'
GPM	560	610	570	620
MINIMUM DEPTH(inches)	27"	27"	27"	27"



International 50Hz

BUCKINGHAM PAGE 160

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	12,2[m]	12,8[m]	12,2[m]	12,8[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

CLUSTER ARCH & SKY GEYSER PAGE 162

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	8,5[m]	12,8[m]	8,5[m]	12,8[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

DAFFODIL PAGE 164

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	12,2[m]	19,5[m]	12,2[m]	19,5[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

DOUBLE ARCH & SKY GEYSER PAGE 166

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	9,8[m]	12,2[m]	9,8[m]	12,2[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

FLEUR DE LIS PAGE 168

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	9,8[m]	15[m]	9,8[m]	15[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

SPIDER & ARCH & SKY GEYSER PAGE 170

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	13,7[m]	19,5[m]	13,7[m]	19,5[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

SPOKE & SKY GEYSER PAGE 172

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	13,7[m]	19,5[m]	13,7[m]	19,5[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

TIARA PAGE 174

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	13,7[m]	17,7[m]	13,7[m]	17,7[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

TORNADO & SKY GEYSER PAGE 176

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	7,9[m]	11[m]	7,9[m]	11[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]

WEEPING WILLOW & SKY GEYSER PAGE 178

KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT[m]	11,5[m]	11,5[m]	15[m]	15[m]
DIAMETER[m]	5,5[m]	8,5[m]	5,5[m]	8,5[m]
M3/H	132	142	140	150
MINIMUM DEPTH[m]	0,7[m]	0,7[m]	0,7[m]	0,7[m]



TITAN SERIES

YOU WANT A BIG BEAUTIFUL FOUNTAIN?

You Got It!

Titans reach heights of 100' and diameters of 150'



Lily
Napa Valley • California
7.5 HP

Sixteen interchangeable spray patterns

Can operate in as little as 37 inches (1,3m) of water

Can be lit with up to twenty submersible lights

Wheels and lifting slings

Powder coated steel control panel


Aqua Control



BUCKINGHAM

15 HP



60Hz:
37’-80’ Height x 50’-100’ Diameter

50Hz:
10,0m-22,0m Height x 13,0m-30,0m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

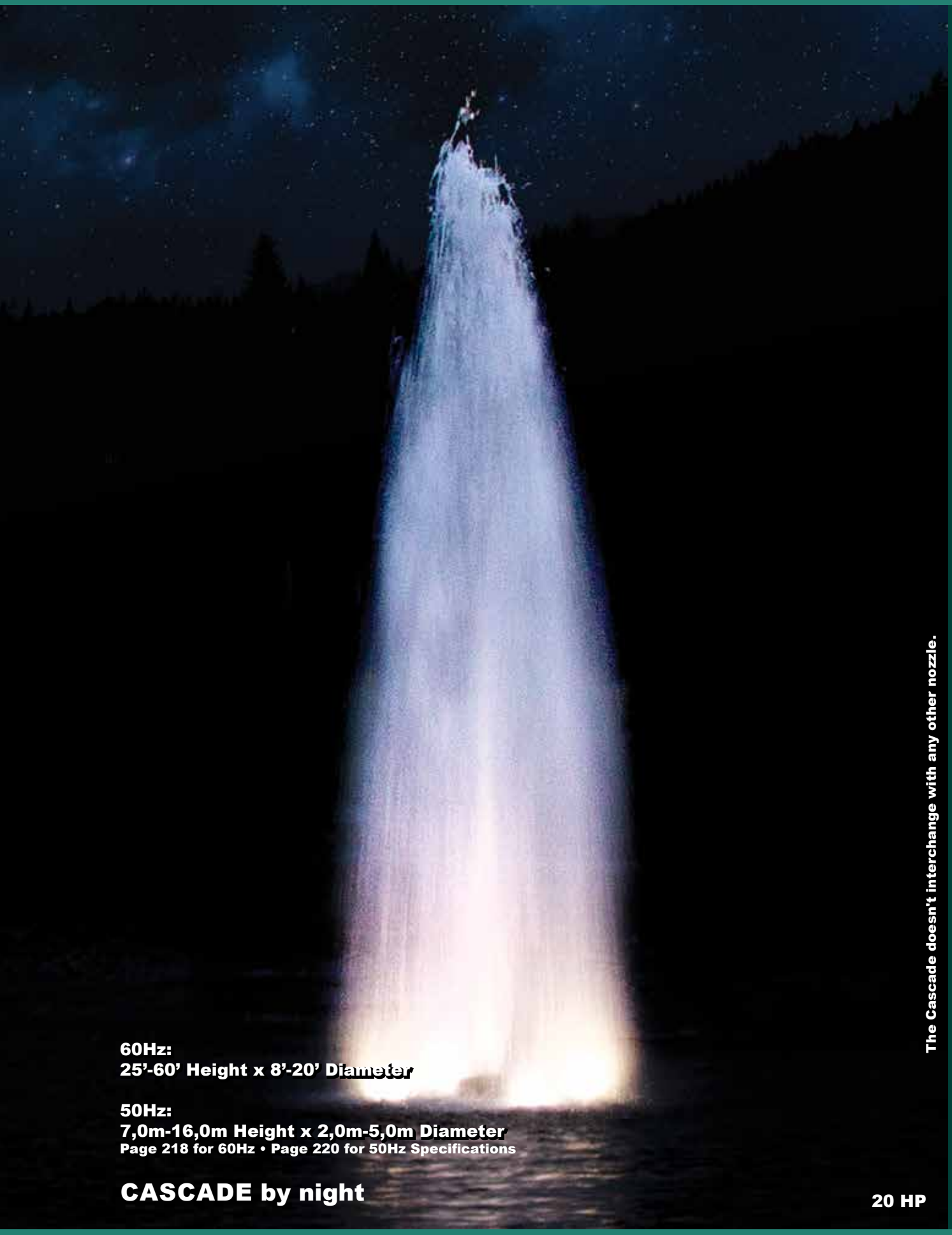
BUCKINGHAM by night

15 HP



CASCADE

15 HP



60Hz:
25’-60’ Height x 8’-20’ Diameter

50Hz:
7,0m-16,0m Height x 2,0m-5,0m Diameter

Page 218 for 60Hz • Page 220 for 50Hz Specifications

CASCADE by night

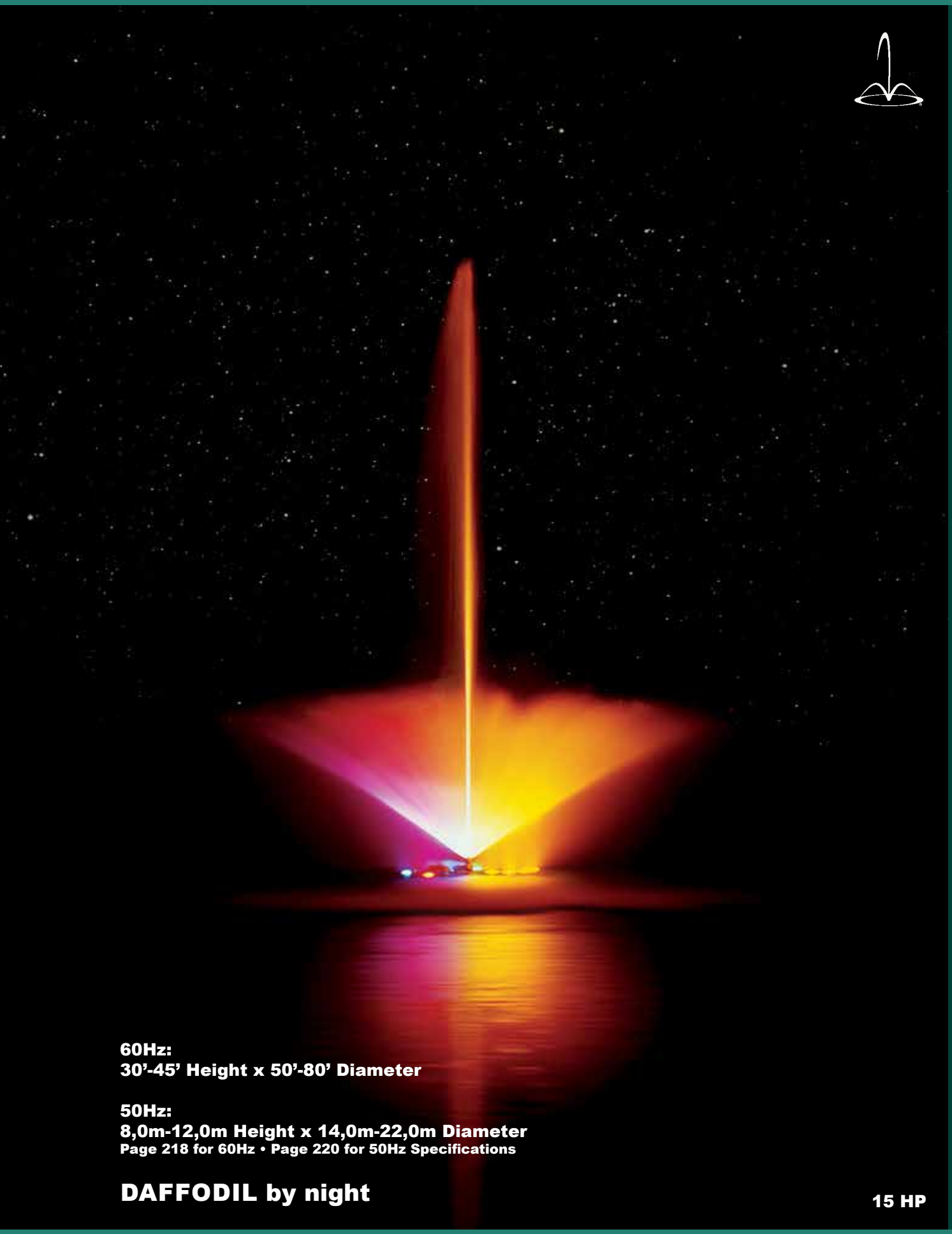
20 HP

The Cascade doesn’t interchange with any other nozzle.



DAFFODIL

15 HP



60Hz:
30’-45’ Height x 50’-80’ Diameter

50Hz:
8,0m-12,0m Height x 14,0m-22,0m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

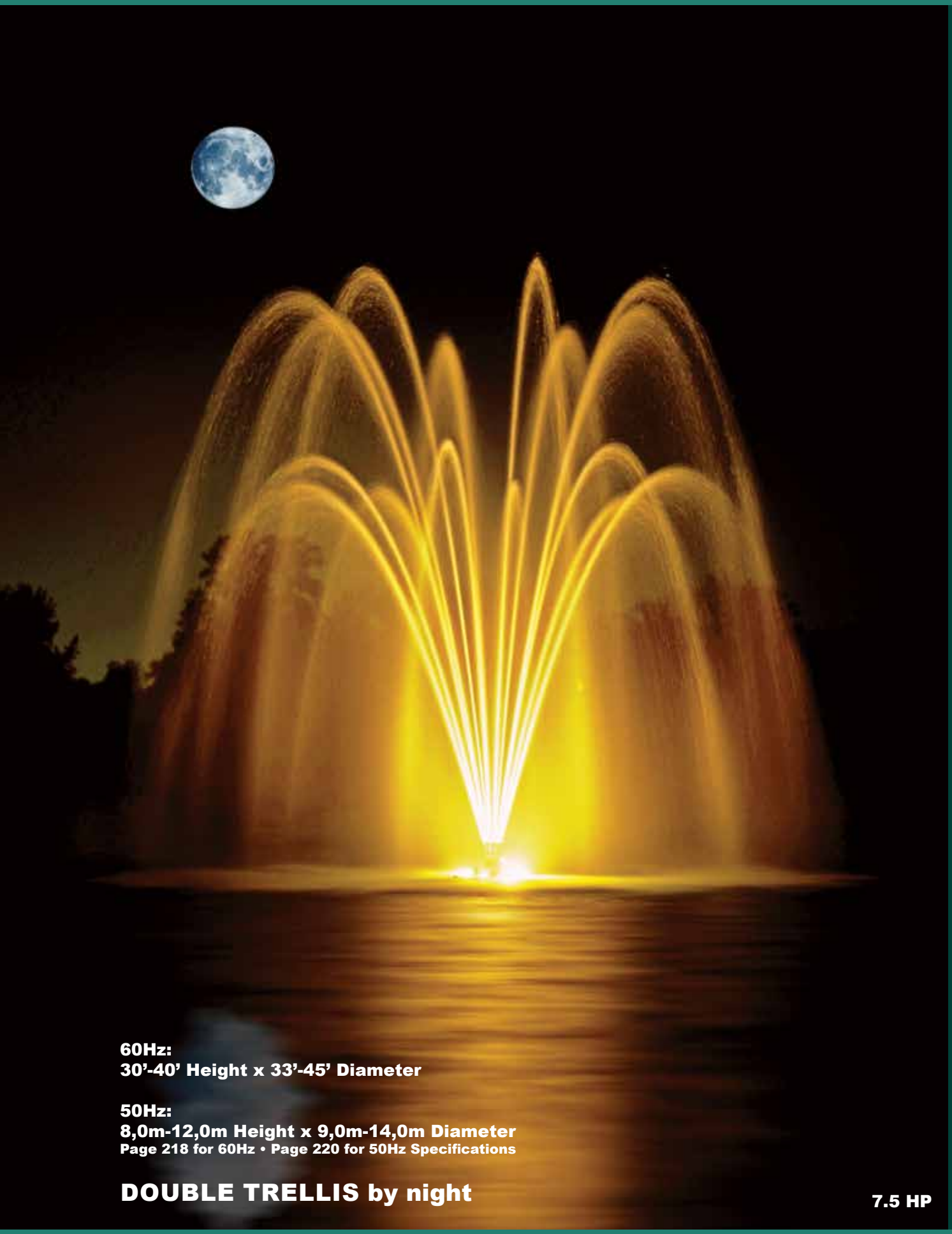
DAFFODIL by night

15 HP



DOUBLE TRELLIS

7.5 HP



60Hz:
30’-40’ Height x 33’-45’ Diameter

50Hz:
8,0m-12,0m Height x 9,0m-14,0m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

DOUBLE TRELLIS by night

7.5 HP



FLARE & SKY GEYSER

7.5 HP



60Hz:
37’-55’ Height x 19’-28’ Diameter

50Hz:
10,0m-15,0m Height x 5,0m-7,5m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

FLARE & SKY GEYSER by night

7.5 HP



FLEUR DE LIS

15 HP



60Hz:
40’-75’ Height x 40’-75’ Diameter

50Hz:
11,0m-20,0m Height x 11,0m-20,0m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

FLEUR DE LIS by night

7.5 HP



GEYSER

40 HP



60Hz:
40’-80’ Height x 4’-8’ Diameter

50Hz:
11,0m-22,0m Height x 1,3m-3,0m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

GEYSER by night

25 HP



LILY

7.5 HP



60Hz:
25’-45’ Height x 50’-90’ Diameter

50Hz:
7,0m-11,0m Height x 14,0m-22,0m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

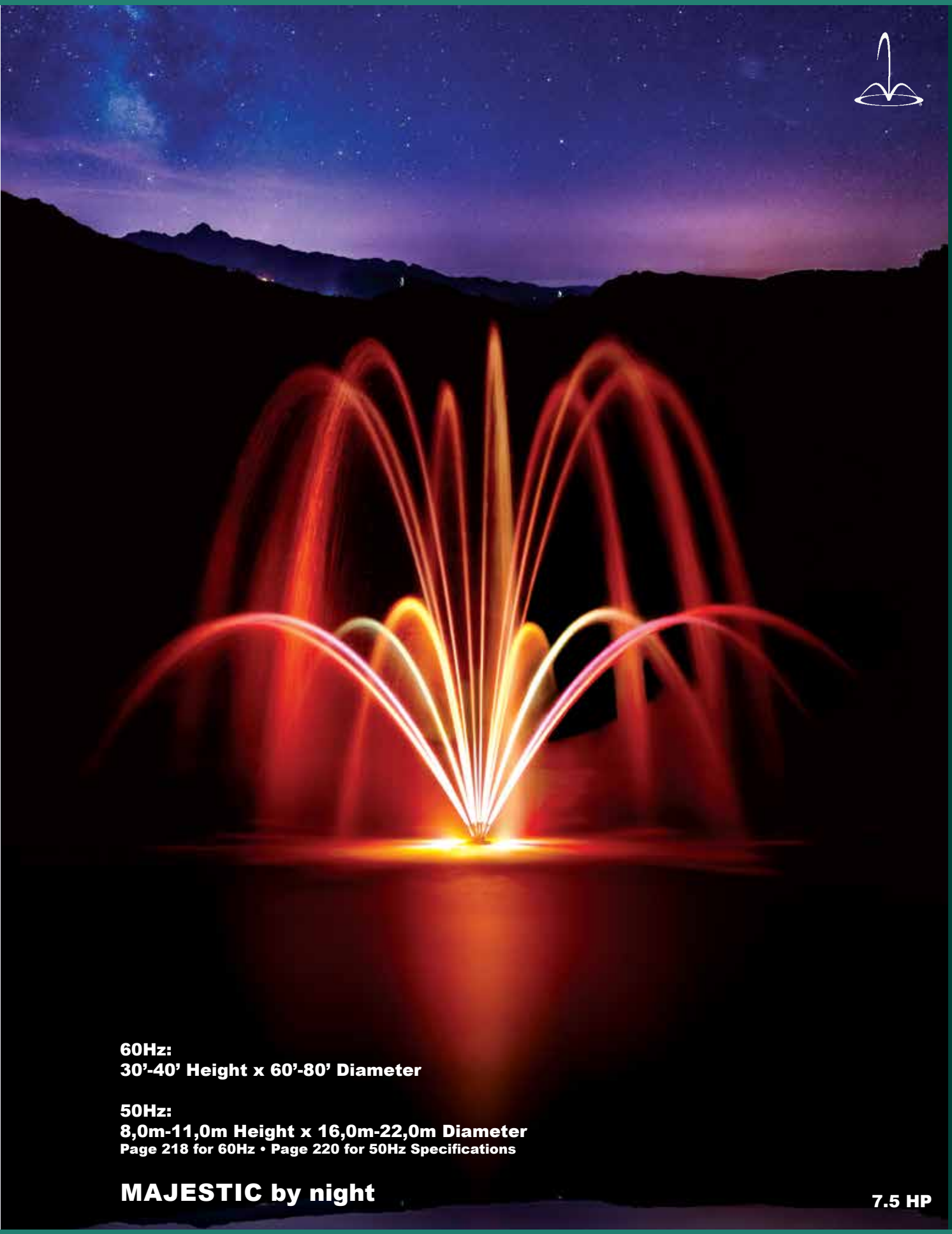
LILY by night

15 HP



MAJESTIC

20 HP



60Hz:
30’-40’ Height x 60’-80’ Diameter

50Hz:
8,0m-11,0m Height x 16,0m-22,0m Diameter
Page 218 for 60Hz • Page 220 for 50Hz Specifications

MAJESTIC by night

7.5 HP



QUAD

15 HP



60Hz:
30’-37’ Height x 80’-100’ Diameter

50Hz:
8,0m-11,0m Height x 22,0m-26,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

QUAD by night

20 HP



SCEPTER

15 HP



60Hz:
25’-70’ Height x 17’-46’ Diameter

50Hz:
7,0m-20,0m Height x 5,0m-13,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

SCEPTER by night

15 HP



SKY GEYSER

10 HP



60Hz:
40’-100’ Height x 4’-10’ Diameter

50Hz:
11,0m-30,0m Height x 1,0m-3,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

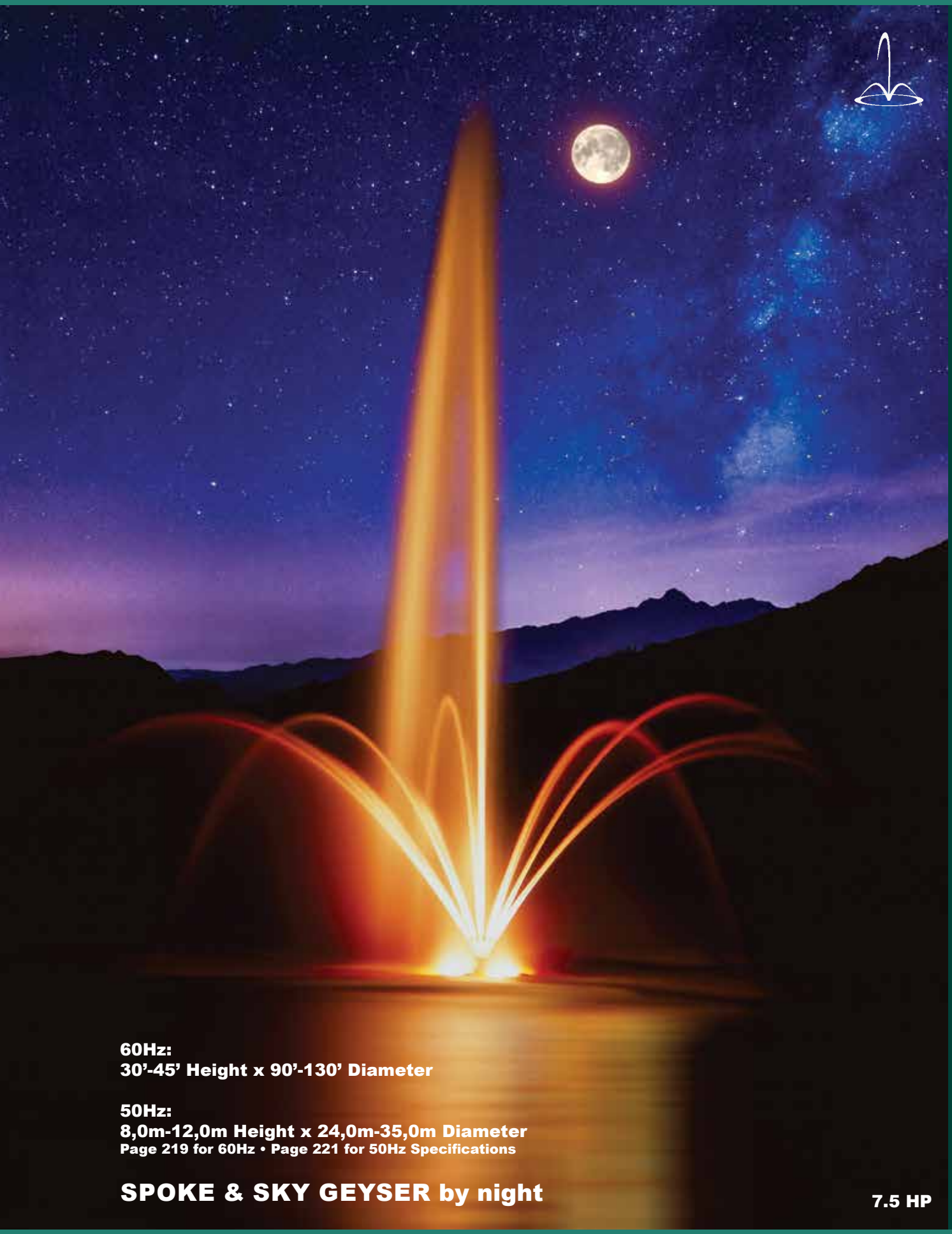
SKY GEYSER by night

15 HP



SPOKE & SKY GEYSER

10 HP



60Hz:
30’-45’ Height x 90’-130’ Diameter

50Hz:
8,0m-12,0m Height x 24,0m-35,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

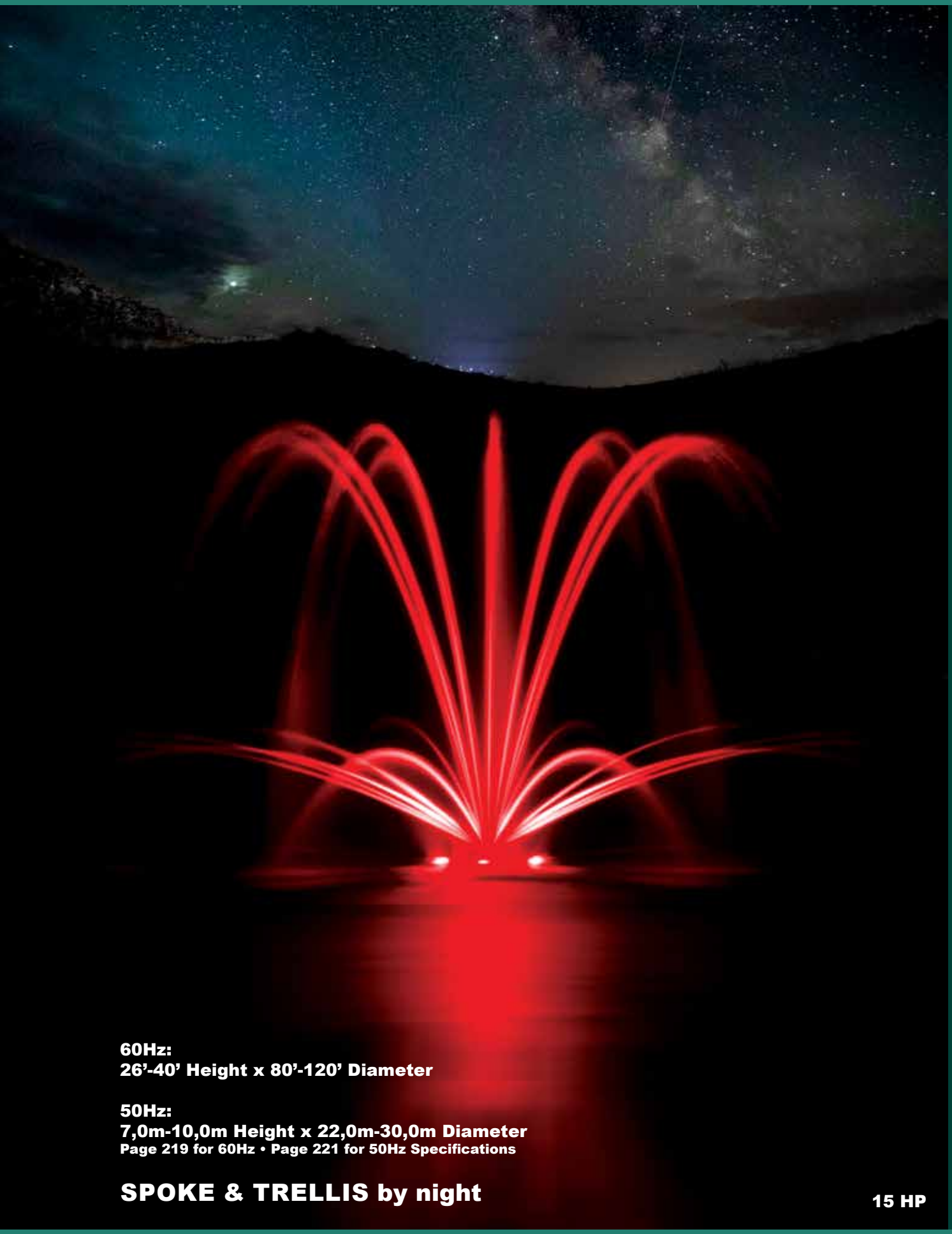
SPOKE & SKY GEYSER by night

7.5 HP



SPOKE & TRELLIS

10 HP



60Hz:
26’-40’ Height x 80’-120’ Diameter

50Hz:
7,0m-10,0m Height x 22,0m-30,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

SPOKE & TRELLIS by night

15 HP



TIARA

25 HP



60Hz:
36’-70’ Height x 100’-150’ Diameter

50Hz:
10,0m-19,0m Height x 27,0m-36,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

TIARA by night

7.5 HP



TRELLIS

7.5 HP



60Hz:
28’-50’ Height x 58’-100’ Diameter

50Hz:
7,6m-14,0m Height x 15,0m-28,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

TRELLIS by night

15 HP



TRELLIS & SKY GEYSER

10 HP



60Hz:
35’-70’ Height x 22’-47’ Diameter

50Hz:
9,0m-19,0m Height x 6,0m-18,0m Diameter
Page 219 for 60Hz • Page 221 for 50Hz Specifications

TRELLIS & SKY GEYSER by night

10 HP

North American 60Hz

BUCKINGHAM PAGE 184

HORSEPOWER	7.5*	10*	15*	20	25	30	40
HEIGHT(feet)	37'	42'	49'	55'	60'	70'	80'
DIAMETER(feet)	50'	60'	70'	75'	80'	85'	100'
GPM	400	500	600	700	800	900	1000
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	144"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	72"

CASCADE PAGE 186

HORSEPOWER	7.5*	10*	15*	20	25
HEIGHT(feet)	25'	30'	40'	50'	60'
DIAMETER(feet)	8'	10'	12'	17'	20'
GPM	1200	1350	1500	1750	1850
DEPTH VERTICAL(inches)	N/A	N/A	N/A	N/A	N/A
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"

DAFFODIL PAGE 188

HORSEPOWER	7.5*	10*	15*	20
HEIGHT(feet)	30'	35'	40'	45'
DIAMETER(feet)	50'	60'	75'	80'
GPM	500	550	750	850
DEPTH VERTICAL(inches)	120"	120"	120"	120"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"

DOUBLE TRELLIS PAGE 190

HORSEPOWER	7.5*	10*	15*	20
HEIGHT(feet)	30'	32'	35'	40'
DIAMETER(feet)	33'	35'	40'	45'
GPM	400	500	600	700
DEPTH VERTICAL(inches)	120"	120"	120"	120"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"

FLARE & SKY GEYSER PAGE 192

HORSEPOWER	7.5*	10*	15*	20
HEIGHT(feet)	37'	42'	49'	55'
DIAMETER(feet)	19'	21'	25'	28'
GPM	400	500	600	700
DEPTH VERTICAL(inches)	120"	120"	120"	120"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"

FLEUR DE LIS PAGE 194

HORSEPOWER	7.5*	10*	15*	20	25	30	40
HEIGHT(feet)	40'	45'	50'	55'	60'	65'	75'
DIAMETER(feet)	40'	45'	50'	55'	60'	65'	75'
GPM	400	500	600	700	800	900	1000
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	144"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	72"

GEYSER PAGE 196

HORSEPOWER	7.5*	10*	15*	20	25	30	40
HEIGHT(feet)	40'	45'	50'	55'	60'	70'	80'
DIAMETER(feet)	4'	4'	5'	6'	6'	7'	8'
GPM	400	500	600	700	800	900	1000
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	144"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	72"

LILY PAGE 198

HORSEPOWER	7.5*	10*	15*	20	25	30
HEIGHT(feet)	25'	27'	30'	35'	40'	45'
DIAMETER(feet)	50'	55'	60'	70'	80'	90'
GPM	500	650	800	900	1000	1100
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"

MAJESTIC PAGE 200

HORSEPOWER	7.5*	10*	15*	20
HEIGHT(feet)	30'	32'	35'	40'
DIAMETER(feet)	60'	64'	70'	80'
GPM	400	500	600	700
DEPTH VERTICAL(inches)	120"	120"	120"	120"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"

North American 60Hz

QUAD PAGE 202

HORSEPOWER	7.5*	10*	15*	20			
HEIGHT(feet)	30'	32'	35'	37'			
DIAMETER(feet)	80'	86'	94'	100'			
GPM	400	500	600	700			
DEPTH VERTICAL(inches)	120"	120"	120"	120"			
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"			

SCEPTER PAGE 204

HORSEPOWER	7.5*	10*	15*	20	25	30	40
HEIGHT(feet)	25'	30'	35'	40'	50'	60'	70'
DIAMETER(feet)	17'	20'	23'	26'	33'	40'	46'
GPM	500	600	800	900	1000	1100	1200
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	144"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	72"

SKY GEYSER PAGE 206

HORSEPOWER	7.5*	10*	15*	20	25	30	40
HEIGHT(feet)	40'	50'	60'	70'	80'	90'	100'
DIAMETER(feet)	4'	5'	6'	7'	8'	9'	10'
GPM	400	450	550	700	750	800	1000
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	144"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	72"

SPOKE & SKY GEYSER PAGE 208

HORSEPOWER	7.5*	10*	15*	20			
HEIGHT(feet)	30'	35'	40'	45'			
DIAMETER(feet)	90'	100'	120'	130'			
GPM	500	650	800	850			
DEPTH VERTICAL(inches)	120"	120"	120"	120"			
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"			

SPOKE & TRELLIS PAGE 210

HORSEPOWER	7.5*	10*	15*	20	25		
HEIGHT(feet)	26'	28'	30'	35'	40'		
DIAMETER(feet)	80'	85'	90'	110'	120'		
GPM	500	650	800	850	900		
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"		
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"		

TIARA PAGE 212

HORSEPOWER	7.5*	10*	15*	20	25	30	
HEIGHT(feet)	36'	40'	45'	55'	60'	70'	
DIAMETER(feet)	100'	110'	120'	130'	140'	150'	
GPM	400	500	600	800	900	1100	
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	

TRELLIS PAGE 214

HORSEPOWER	7.5*	10*	15*	20	25	30	40
HEIGHT(feet)	28'	30'	32'	34'	36'	40'	50'
DIAMETER(feet)	58'	60'	64'	68'	72'	80'	100'
GPM	500	650	800	850	900	1100	1200
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	144"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	72"

TRELLIS & SKY GEYSER PAGE 216

HORSEPOWER	7.5*	10*	15*	20	25	30	40
HEIGHT(feet)	35'	40'	45'	50'	55'	60'	70'
DIAMETER(feet)	22'	27'	30'	33'	37'	40'	47'
GPM	400	500	600	700	800	1000	1200
DEPTH VERTICAL(inches)	120"	120"	120"	120"	120"	120"	144"
DEPTH HORIZONTAL(inches)	58"	58"	58"	58"	58"	58"	72"

*Single phase Titan units are only offered in 7.5, 10 and 15HP. All horsepowers are offered in Three phase.

International 50Hz

BUCKINGHAM PAGE 184

KILOWATTS	5,5	7,5	11	15	18,5	22	30	
HEIGHT[m]	10[m]	11[m]	13[m]	15[m]	16[m]	19[m]	22[m]	
DIAMETER[m]	13[m]	16[m]	18[m]	22[m]	24[m]	26[m]	30[m]	
M3/H	82	102	123	143	163	204	245	
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,7[m]	
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,8[m]	

CASCADE PAGE 186

KILOWATTS	5,5	7,5	11	15	18,5			
HEIGHT[m]	7[m]	8[m]	11[m]	14[m]	16[m]			
DIAMETER[m]	2[m]	3[m]	3[m]	4[m]	5[m]			
M3/H	245	275	306	357	377			
DEPTH VERTICAL[m]	N/A	N/A	N/A	N/A	N/A			
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]			

DAFFODIL PAGE 188

KILOWATTS	5,5	7,5	11	15				
HEIGHT[m]	8[m]	9[m]	11[m]	12[m]				
DIAMETER[m]	14[m]	16[m]	20[m]	22[m]				
M3/H	102	133	147	173				
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]				
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]				

DOUBLE TRELLIS PAGE 190

KILOWATTS	5,5	7,5	11	15				
HEIGHT[m]	8[m]	9[m]	11[m]	12[m]				
DIAMETER[m]	9[m]	10[m]	13[m]	14[m]				
M3/H	82	102	123	143				
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]				
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]				

FLARE & SKY GEYSER PAGE 192

KILOWATTS	5,5	7,5	11	15				
HEIGHT[m]	10[m]	11[m]	13[m]	15[m]				
DIAMETER[m]	5[m]	5,5[m]	6,5[m]	7,5[m]				
M3/H	82	102	123	143				
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]				
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]				

FLEUR DE LIS PAGE 194

KILOWATTS	5,5	7,5	11	15	18,5	22	30	
HEIGHT[m]	11[m]	12[m]	14[m]	15[m]	16[m]	18[m]	20[m]	
DIAMETER[m]	11[m]	12[m]	14[m]	15[m]	16[m]	18[m]	20[m]	
M3/H	82	102	123	143	163	204	245	
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,7[m]	
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,8[m]	

GEYSER PAGE 196

KILOWATTS	5,5	7,5	11	15	18,5	22	30	
HEIGHT[m]	11[m]	12[m]	14[m]	16[m]	18[m]	20[m]	22[m]	
DIAMETER[m]	1,3[m]	1,5[m]	2,0[m]	2,0[m]	2,0[m]	2,0[m]	3,0[m]	
M3/H	82	102	123	143	163	204	245	
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,7[m]	
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,8[m]	

LILY PAGE 198

KILOWATTS	5,5	7,5	11	15	18,5	22		
HEIGHT[m]	7[m]	8[m]	8[m]	9[m]	10[m]	11[m]		
DIAMETER[m]	14[m]	15[m]	16[m]	18[m]	20[m]	22[m]		
M3/H	102	133	163	184	204	225		
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]		
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]		

MAJESTIC PAGE 200

KILOWATTS	5,5	7,5	11	15				
HEIGHT[m]	8[m]	9[m]	10[m]	11[m]				
DIAMETER[m]	16[m]	17[m]	20[m]	22[m]				
M3/H	82	102	123	143				
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]				
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]				

International 50Hz

QUAD PAGE 202

KILOWATTS	5,5	7,5	11	15				
HEIGHT[m]	8[m]	9[m]	10[m]	11[m]				
DIAMETER[m]	22[m]	23[m]	25[m]	26[m]				
M3/H	82	102	123	143				
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]				
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]				

SCEPTER PAGE 204

KILOWATTS	5,5	7,5	11	15	18,5	22	30	
HEIGHT[m]	7[m]	8[m]	10[m]	12[m]	14[m]	16[m]	20[m]	
DIAMETER[m]	5,0[m]	5,5[m]	7,0[m]	8,0[m]	9,0[m]	11[m]	13[m]	
M3/H	102	123	163	184	204	225	245	
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,7[m]	
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,8[m]	

SKY GEYSER PAGE 206

KILOWATTS	5,5	7,5	11	15	18,5	22	30	
HEIGHT[m]	11[m]	14[m]	16[m]	19[m]	22[m]	27[m]	30[m]	
DIAMETER[m]	1,0[m]	1,5[m]	2,0[m]	2,0[m]	2,0[m]	3,0[m]	3,0[m]	
M3/H	82	92	112	143	153	163	204	
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,7[m]	
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,8[m]	

SPOKE & SKY GEYSER PAGE 208

KILOWATTS	5,5	7,5	11	15				
HEIGHT[m]	8,0[m]	9,5[m]	10,5[m]	12[m]				
DIAMETER[m]	24[m]	27[m]	33[m]	35[m]				
M3/H	92	112	143	165				
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]				
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]				

SPOKE & TRELLIS PAGE 210

KILOWATTS	5,5	7,5	11	15	18,5			
HEIGHT[m]	7,0[m]	7,5[m]	8,0[m]	9,0[m]	10[m]			
DIAMETER[m]	22[m]	23[m]	25[m]	27[m]	30[m]			
M3/H	102	132	163	173	184			
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]			
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]			

TIARA PAGE 212

KILOWATTS	5,5	7,5	11	15	18,5	22		
HEIGHT[m]	10[m]	11[m]	12[m]	15[m]	16[m]	19[m]		
DIAMETER[m]	27[m]	28[m]	30[m]	32[m]	34[m]	36[m]		
M3/H	82	102	123	163	184	225		
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]		
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]		

TRELLIS PAGE 214

KILOWATTS	5,5	7,5	11	15	18,5	22	30	
HEIGHT[m]	7,6[m]	8,0[m]	8,7[m]	9,3[m]	10[m]	11[m]	14[m]	
DIAMETER[m]	15[m]	16[m]	17[m]	18[m]	20[m]	22[m]	28[m]	
M3/H	102	133	163	171	184	225	265	
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,7[m]	
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,8[m]	

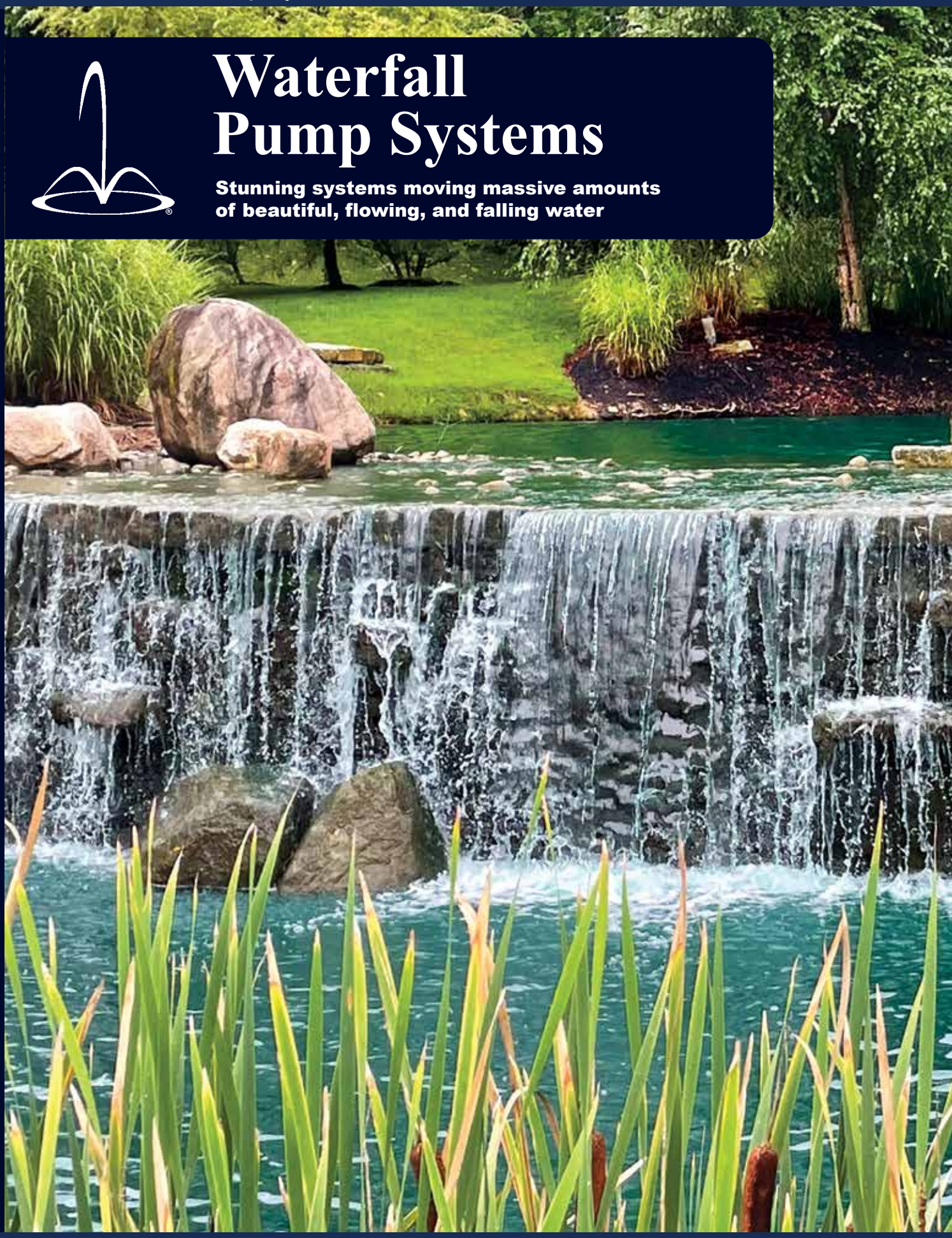
TRELLIS & SKY GEYSER PAGE 216

KILOWATTS	5,5	7,5	11	15	18,5	22	30	
HEIGHT[m]	9,0[m]	10[m]	12[m]	14[m]	15[m]	16[m]	19[m]	
DIAMETER[m]	6,0[m]	7,0[m]	8,0[m]	9,0[m]	10[m]	11[m]	18[m]	
M3/H	82	102	123	143	163	204	245	
DEPTH VERTICAL[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,1[m]	3,7[m]	
DEPTH HORIZONTAL[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,5[m]	1,8[m]	

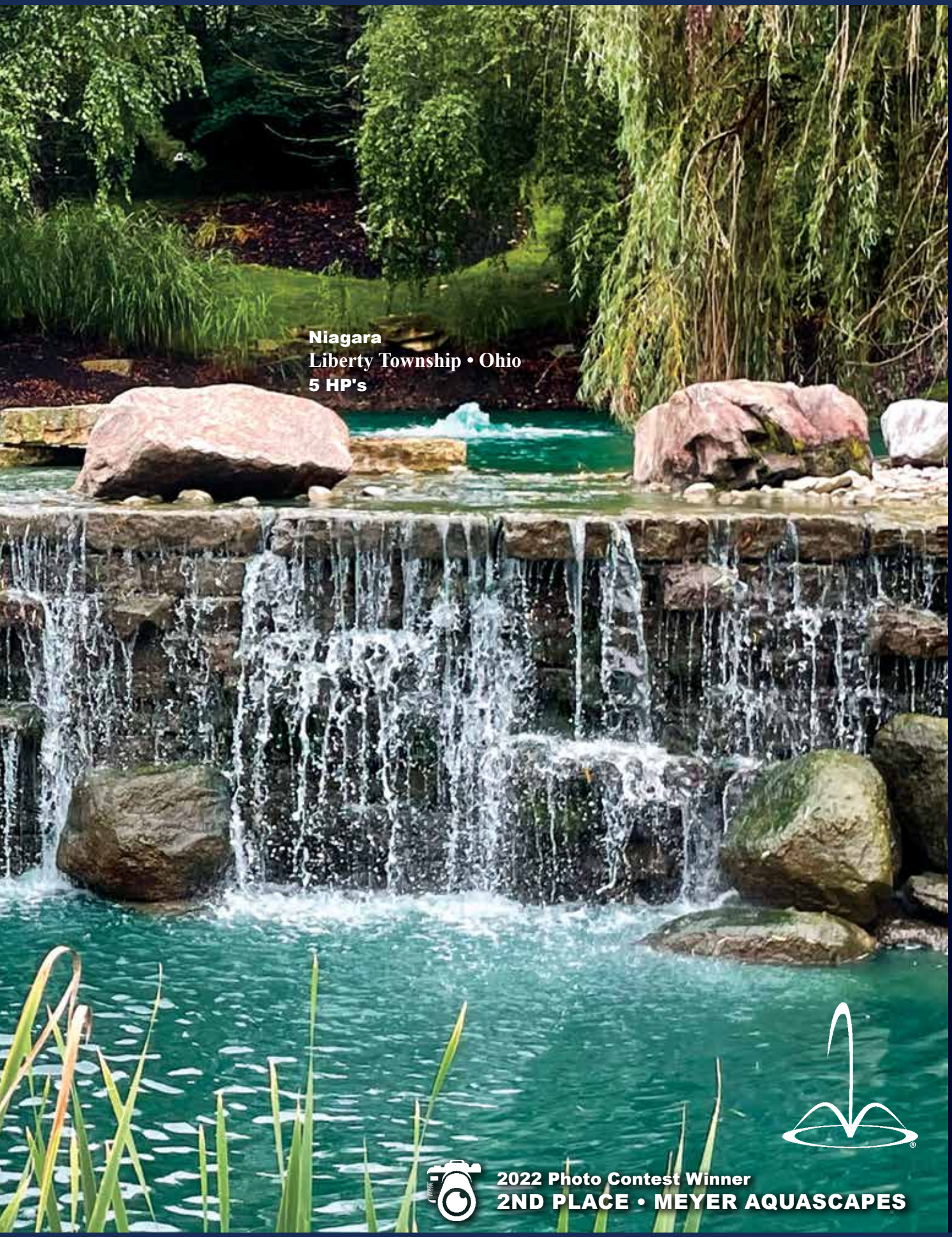


Waterfall Pump Systems

Stunning systems moving massive amounts of beautiful, flowing, and falling water



WATERFALL Pump Systems



2022 Photo Contest Winner
2ND PLACE • MEYER AQUASCAPES

WATERFALL Pump Systems



Waterfall Pump Systems

Aqua Control® Waterfall Pump Systems use the same reliable submersible pump technology that we have used for display aerators and fountains for years. Aqua Control Waterfall Pump Systems can be built with your choice of mount for use in wet wells, on solid pads, on pond bottoms, or even in the popular pondless design. Waterfall Pump Systems come standard with quick disconnect and a control panel. Flexible discharge hose, and check valve are also available.



FREE WATERFALL SIZING!

Click QR Code for
WATERFALL PUMP SIZING FORM

Sled Style

Can utilize any of the five Waterfall Pump lines: Havasu, Angel, Niagara, Niagara 2 or Yosemite.

Patented design allows pump to sit lightly on the pond bottom.

A flexible hose connects to pipe at the pond shore.

No expensive wet well needed.

Sled Style Pumps (excluding Yosemite) are approximately 3'H x 3.5'W x 5'L and can be installed in water as shallow as 4'.



Horizontal & Vertical Styles

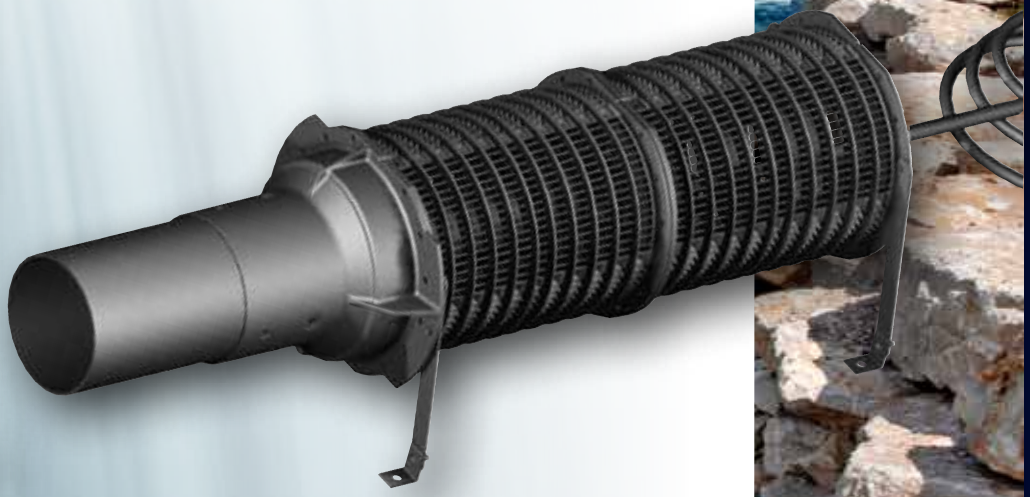
Can utilize any of the five Waterfall Pump lines: Havasu, Angel, Niagara, Niagara 2 or Yosemite

Can be used installed on a solid pad, in a wet well, or pondless design.

Optional connection and flexible hose for ease of installation.

Horizontal pump dimensions (excluding Yosemite) are approximately 2'H x 2'W x 6'L including a check valve.

Vertical pump dimensions (excluding Yosemite) are approximately 6'H x 3'W x 3'L including a check valve.



Waterfall Accessories

Low resistance, non-spring Check Valve design to prevent backflow.

- **Available in 4", 6" & 8"**
- **Your choice of glue fit connection, flange mount or quick disconnects.**

UV resistant Flex Hose, reinforced for pressure and durability.

Lighting Options Available

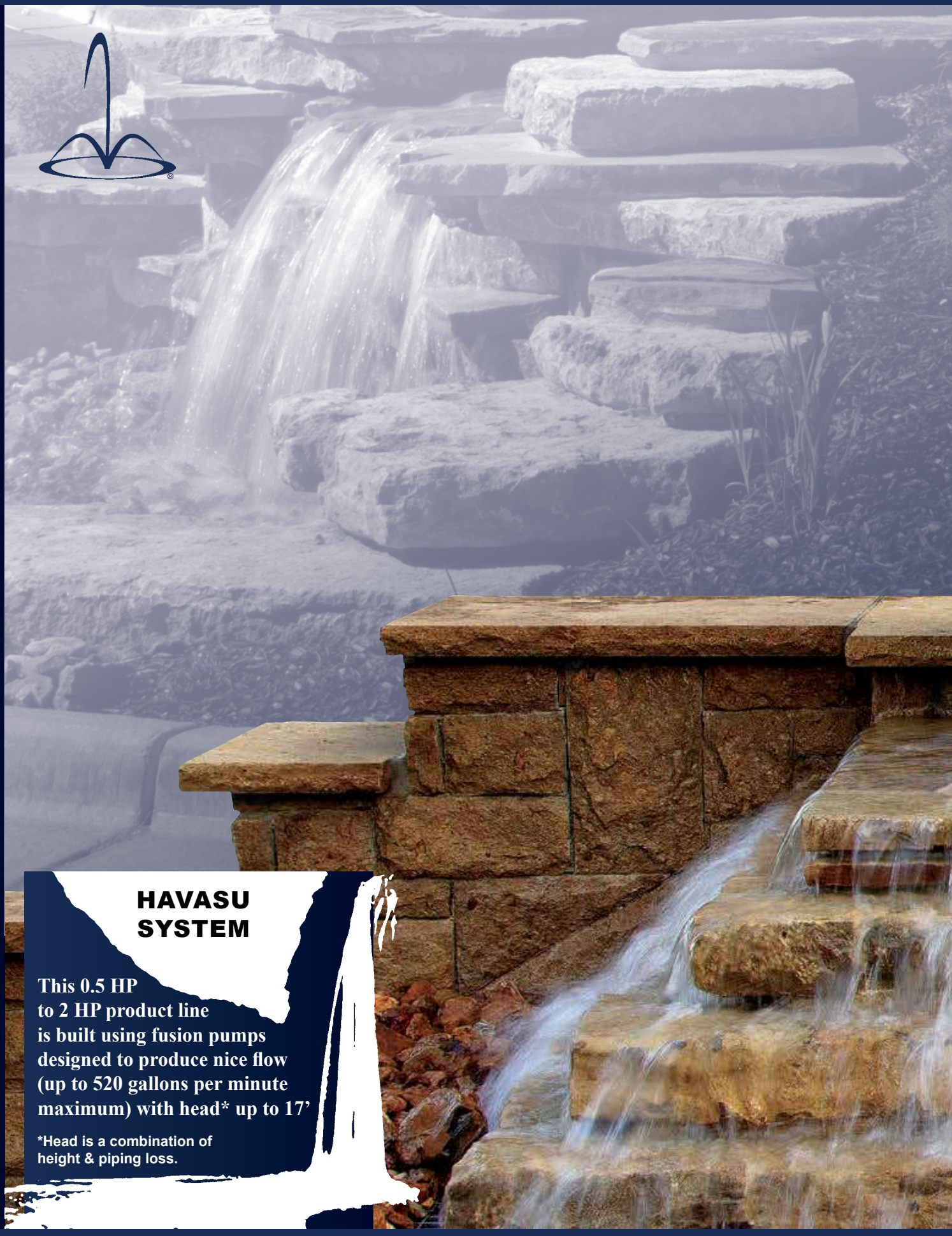
Electrical Quick Disconnect

Control Panel





WATERFALL Pump Systems



HAVASU SYSTEM

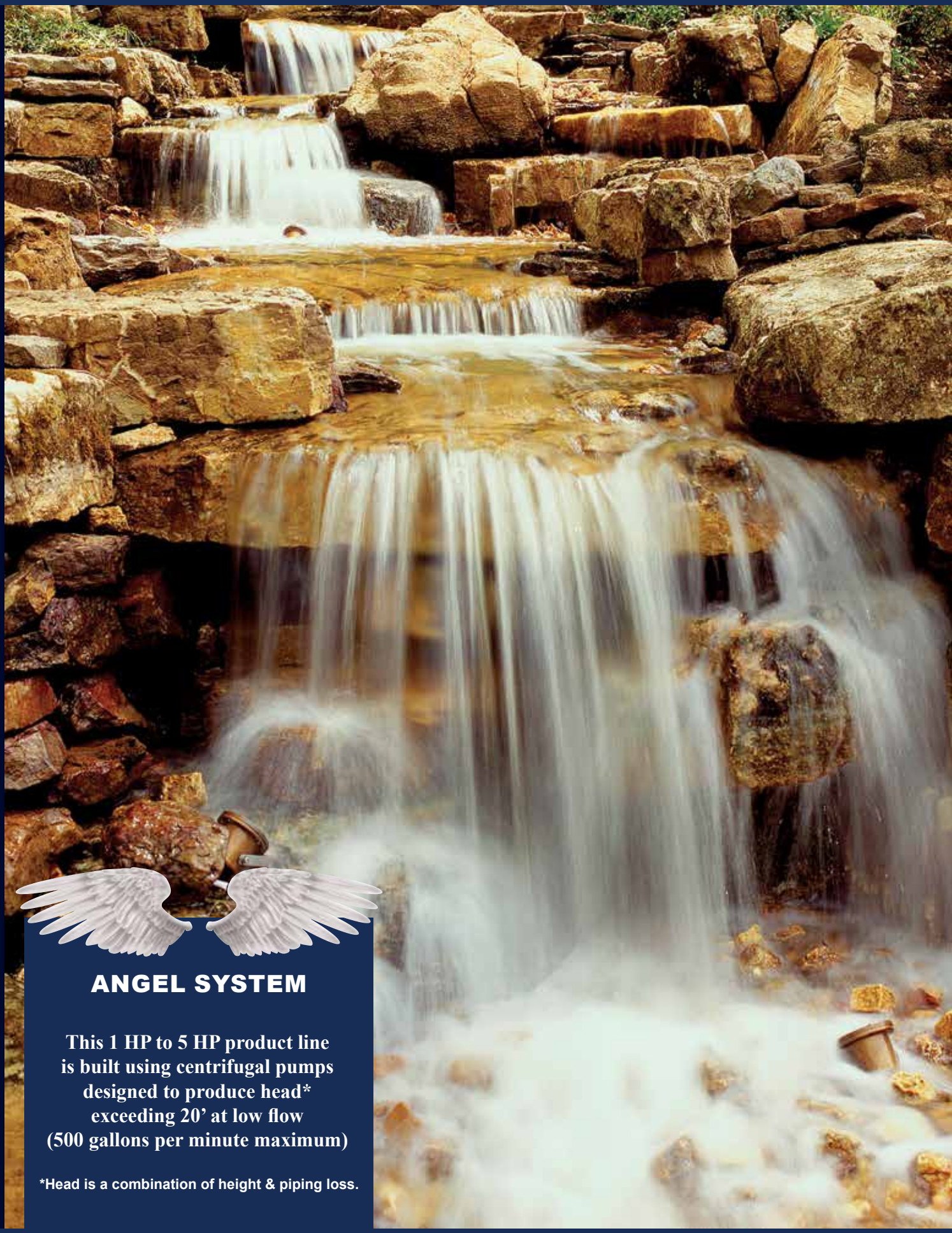
This 0.5 HP to 2 HP product line is built using fusion pumps designed to produce nice flow (up to 520 gallons per minute maximum) with head* up to 17'

*Head is a combination of height & piping loss.



WATERFALL Pump Systems

WATERFALL Pump Systems



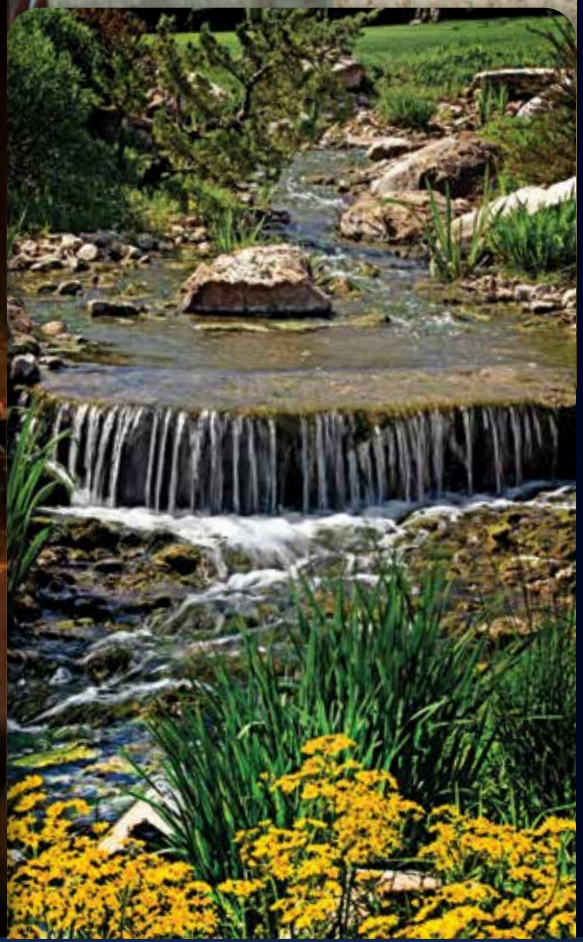
ANGEL SYSTEM

This 1 HP to 5 HP product line is built using centrifugal pumps designed to produce head* exceeding 20' at low flow (500 gallons per minute maximum)

*Head is a combination of height & piping loss.

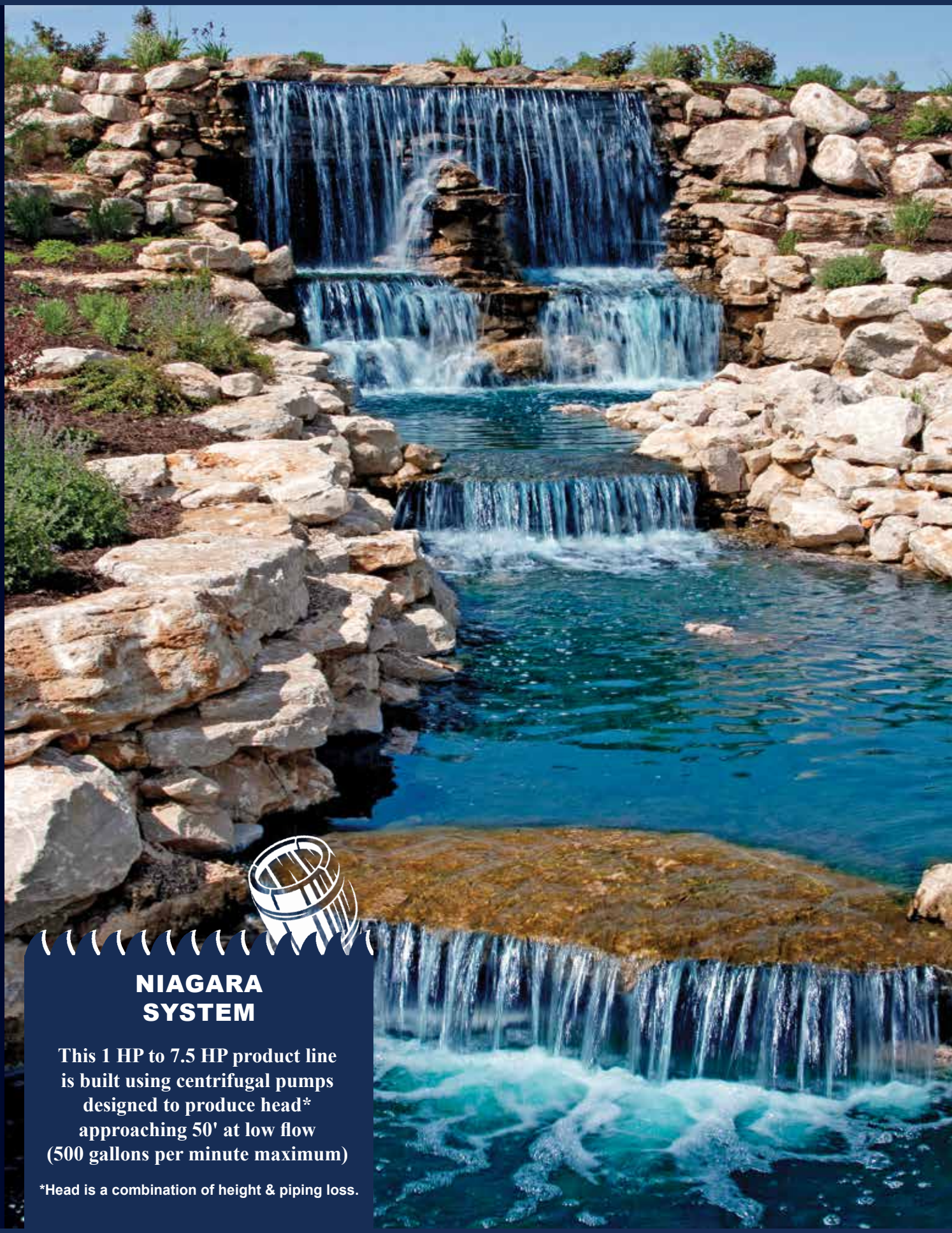






WATERFALL Pump Systems

WATERFALL Pump Systems



NIAGARA SYSTEM

This 1 HP to 7.5 HP product line is built using centrifugal pumps designed to produce head* approaching 50' at low flow (500 gallons per minute maximum)

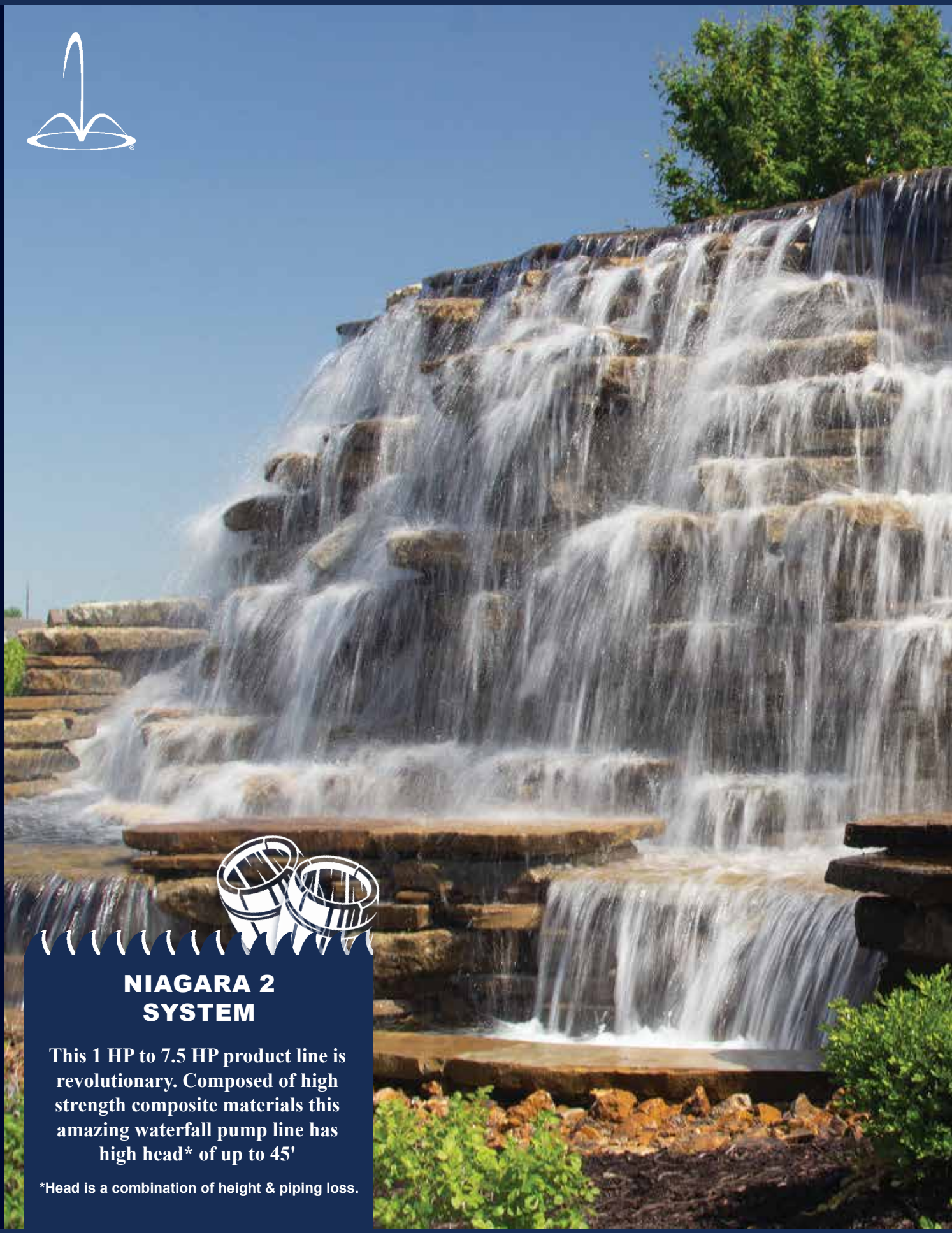
*Head is a combination of height & piping loss.





WATERFALL Pump Systems

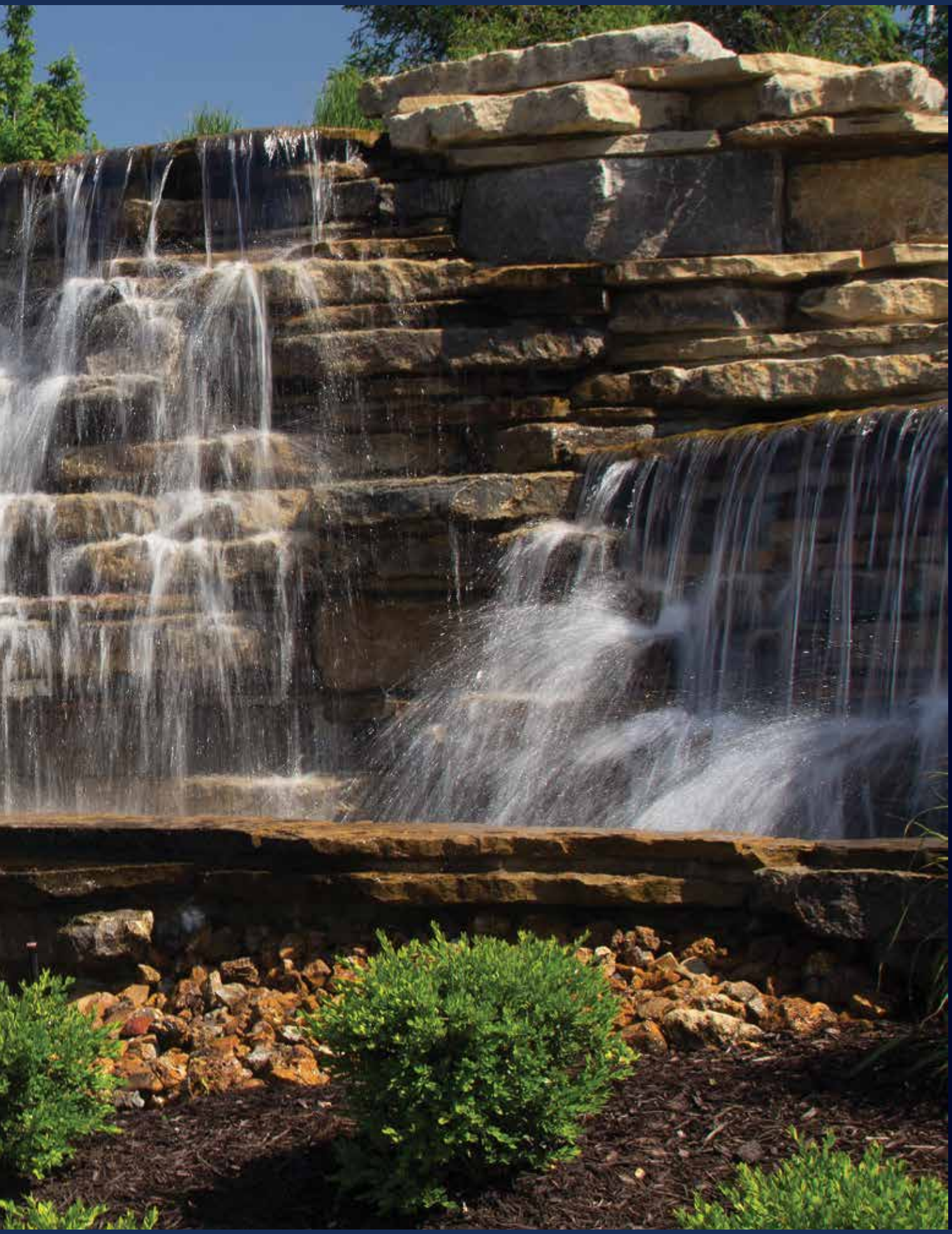
WATERFALL Pump Systems



NIAGARA 2 SYSTEM

This 1 HP to 7.5 HP product line is revolutionary. Composed of high strength composite materials this amazing waterfall pump line has high head* of up to 45'

*Head is a combination of height & piping loss.



WATERFALL Pump Systems

WATERFALL Pump Systems

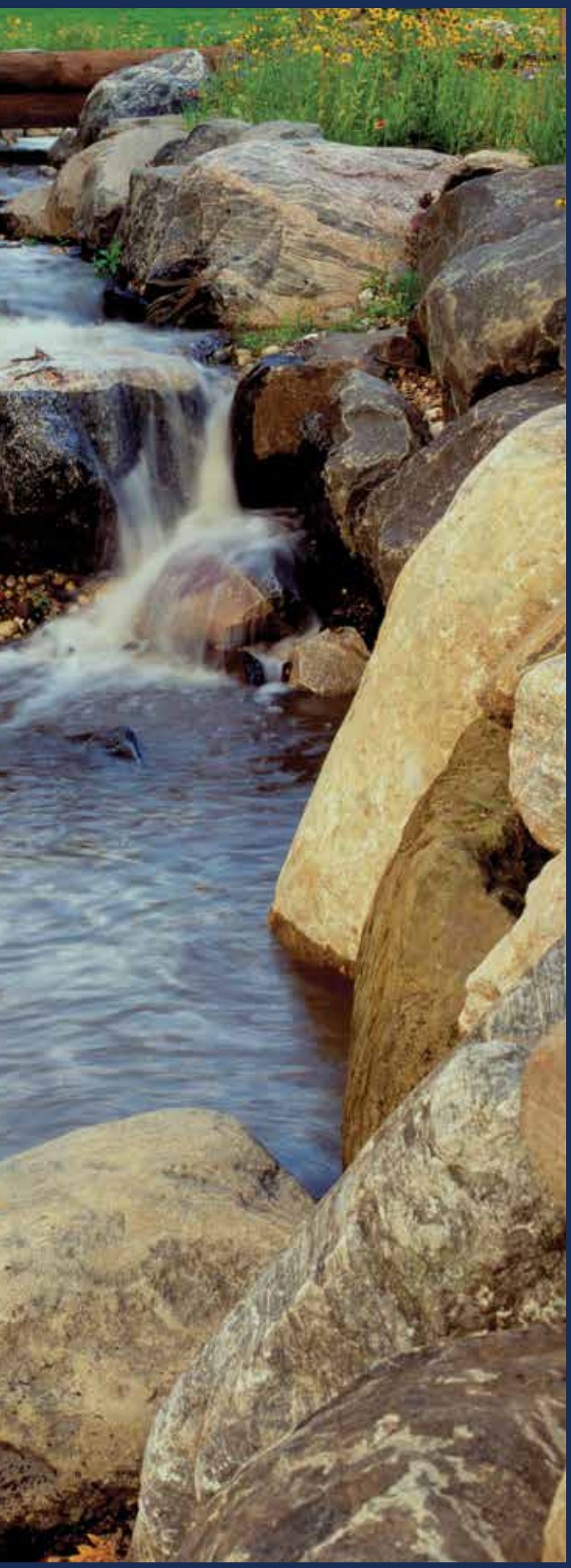


YOSEMITE SYSTEM

This 7.5 HP to 40 HP product line is built using turbine pumps designed to produce very high flow (1,200 gallons per minute maximum) with head* up to 150' or more

*Head is a combination of height & piping loss.







WATERFALL Pump Systems

HAVASU SERIES PERFORMANCE

HP	KW	Flow Rates in GPM at Varying Heights / Heads								
		1'	2'	4'	6'	8'	10'	12'	14'	16'
0.5	1	270	225	220	190					
1	1,5	430	420	390	360	315	230			
1.5	2,3		370	350	330	310	290	265	240	210
2	2,6			515	500	480	450	410	370	350

ANGEL SERIES PERFORMANCE

HP	KW	Flow Rates in GPM at Varying Heights / Heads								
		10'	15'	20'	25'	30'	35'	40'	45'	50'
0.5	1	100	60	25						
1	2		150	115	80					
2	3				260	215	160			
3	4					285	240	165	110	
5	6					480	420	315	230	170

NIAGARA SERIES PERFORMANCE

HP	KW	Flow Rates in GPM at Varying Heights / Heads						
		5'	7'	10'	12'	15'	20'	22'
1	2	440	350					
2	3	660	590	410				
3 HV	4	900	810	620				
3 HH	4	530	480	420	360	285		
5 HV	6	1080	1000	970	910	810		
5 HH	6	810	800	760	730	680	550	450
7.5	9	1250	1200	1180	1100	1050	920	

NIAGARA 2 SERIES PERFORMANCE

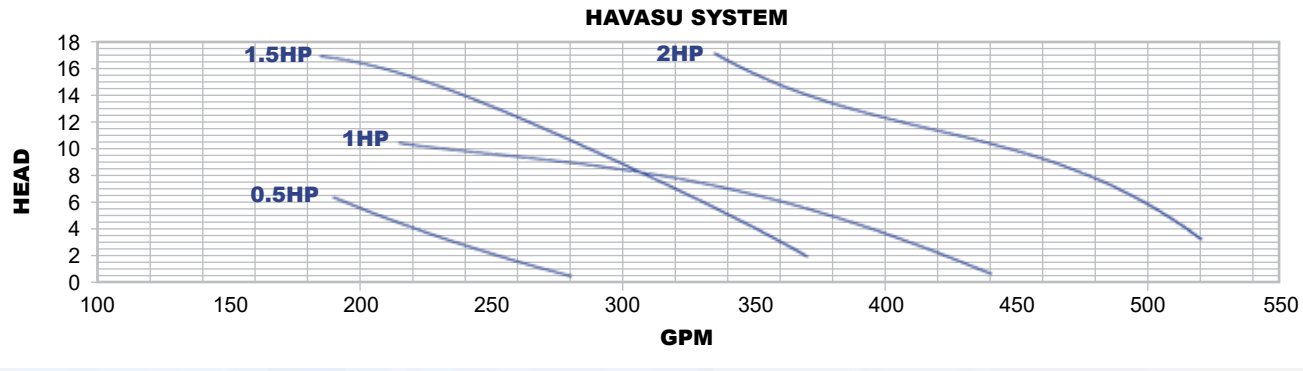
HP	KW	Flow Rates in GPM at Varying Heights / Heads								
		5'	10'	15'	20'	25'	30'	35'	40'	45'
1	2	350	200	85						
2	3	490	400	250						
3 HV	4	700	625	500						
3 HH	4	430	400	325	250	150				
5 HV	6	700	675	650	610	570				
5 HH	6	610	575	530	500	450	375	225		
7.5	9	725	700	675	675	635	610	575	535	475

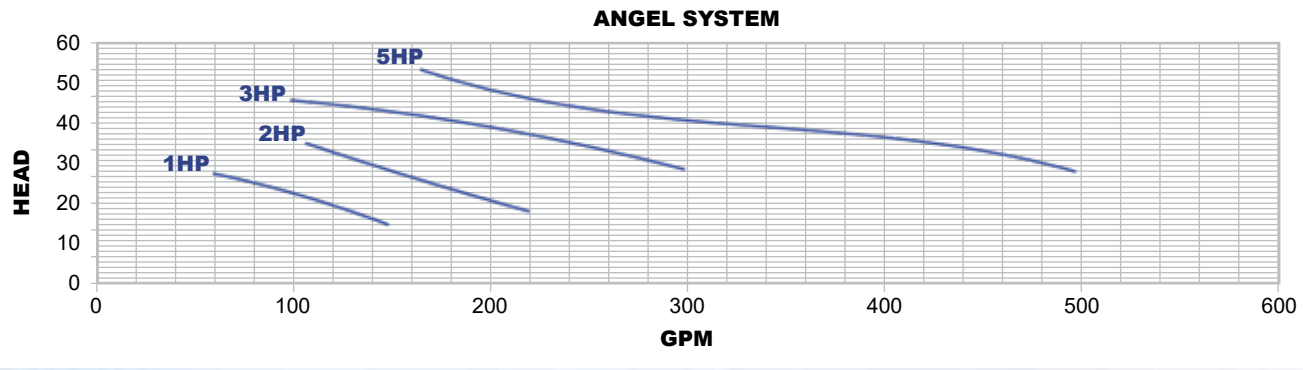
YOSEMITE SERIES PERFORMANCE

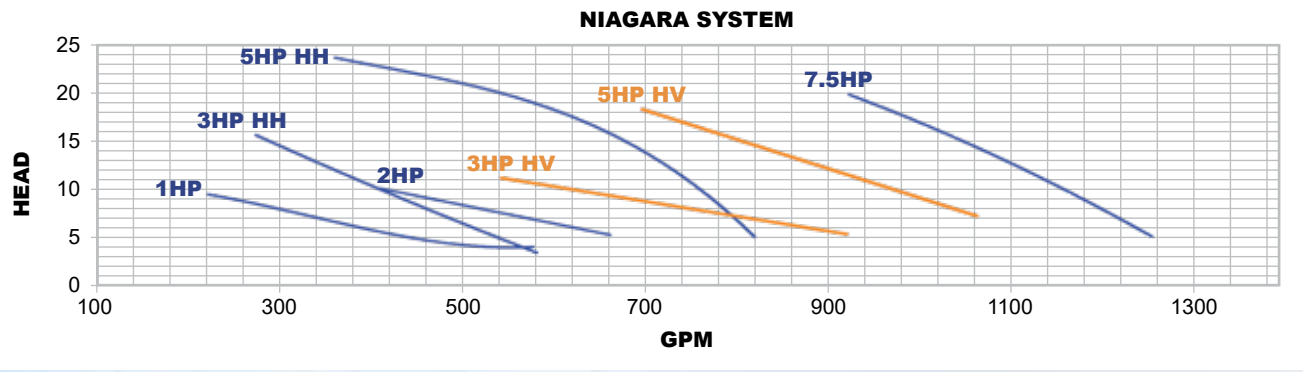
HP	KW	Flow Rates in GPM at Varying Heights / Heads						
		25'	35'	45'	55'	65'	75'	80'
7.5	8			360	200			
10	11			600	525	450	340	280
15	16				620	550	470	420
HP	**KW**	**Flow Rates in GPM at Varying Heights / Heads**						
		60'	75'	90'	105'	120'	135'	155'
20	21	910	700	370				
25	26			760	420			
30	31			1060	890	660		
40	42				1170	1000	810	570

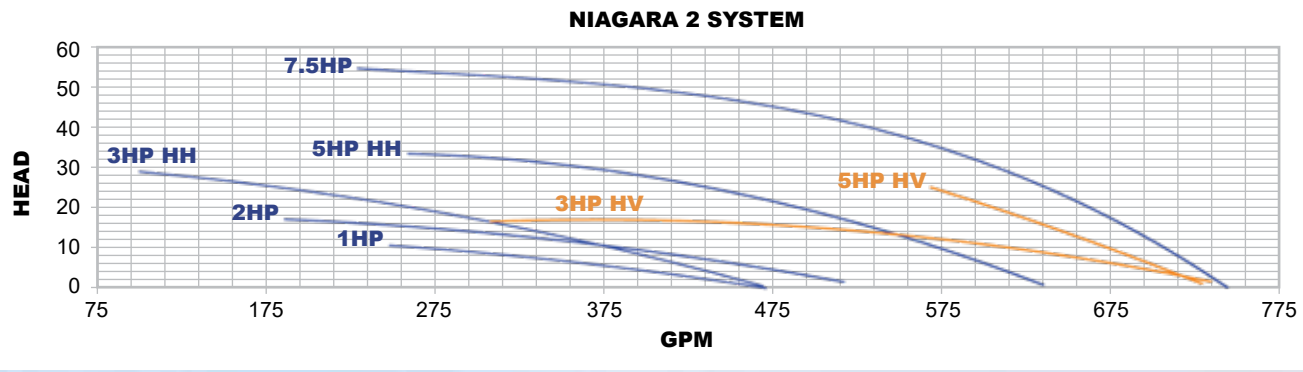
Piping loss needs to be considered when sizing pumps. LH=Low Head. HH=High Head. *Head is the height that a pump will lift water at the selected GPM (Gallons per minute)

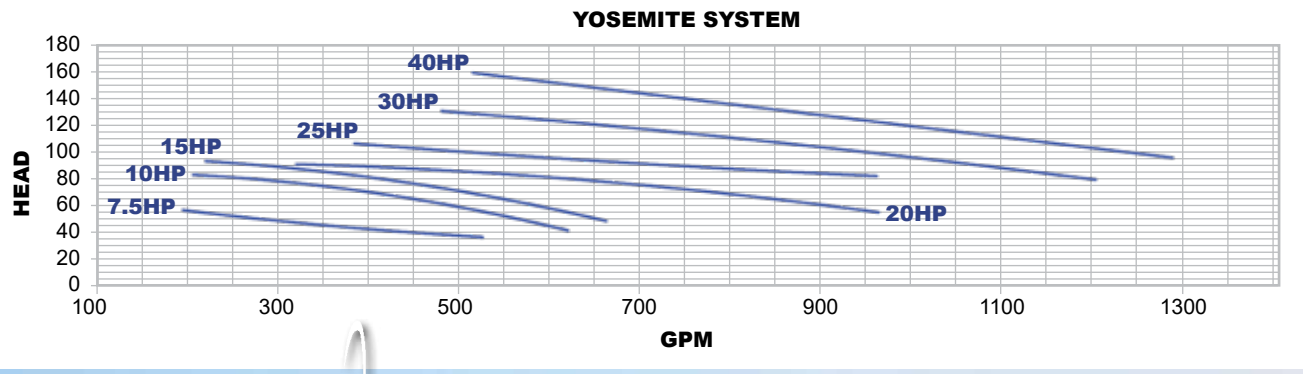
WATERFALL Pump Systems


HAVASU SYSTEM
HEAD
GPM
1.5HP
2HP
1HP
0.5HP
0
2
4
6
8
10
12
14
16
18
100
150
200
250
300
350
400
450
500
550


ANGEL SYSTEM
HEAD
GPM
5HP
3HP
2HP
1HP
0
10
20
30
40
50
60
0
100
200
300
400
500
600


NIAGARA SYSTEM
HEAD
GPM
5HP HH
3HP HH
1HP
2HP
5HP HV
3HP HV
7.5HP
0
5
10
15
20
25
100
300
500
700
900
1100
1300


NIAGARA 2 SYSTEM
HEAD
GPM
7.5HP
3HP HH
5HP HH
2HP
1HP
3HP HV
5HP HV
0
10
20
30
40
50
60
75
175
275
375
475
575
675
775


YOSEMITE SYSTEM
HEAD
GPM
40HP
30HP
25HP
15HP
10HP
7.5HP
20HP
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
1100
1300

Stationary Series

Brilliant displays bring class and style to your home, business or community





MultiArch Medium
Chapin • South Carolina
0.5 HP

2022 Photo Contest Winner
1ST PLACE • W.P. Law, Inc.

Bowl Fountains

Bowl Fountains use a special pump and spray nozzle to create a fantastic display, heavy in flow and wind resistant.



0.5 HP and 1 HP

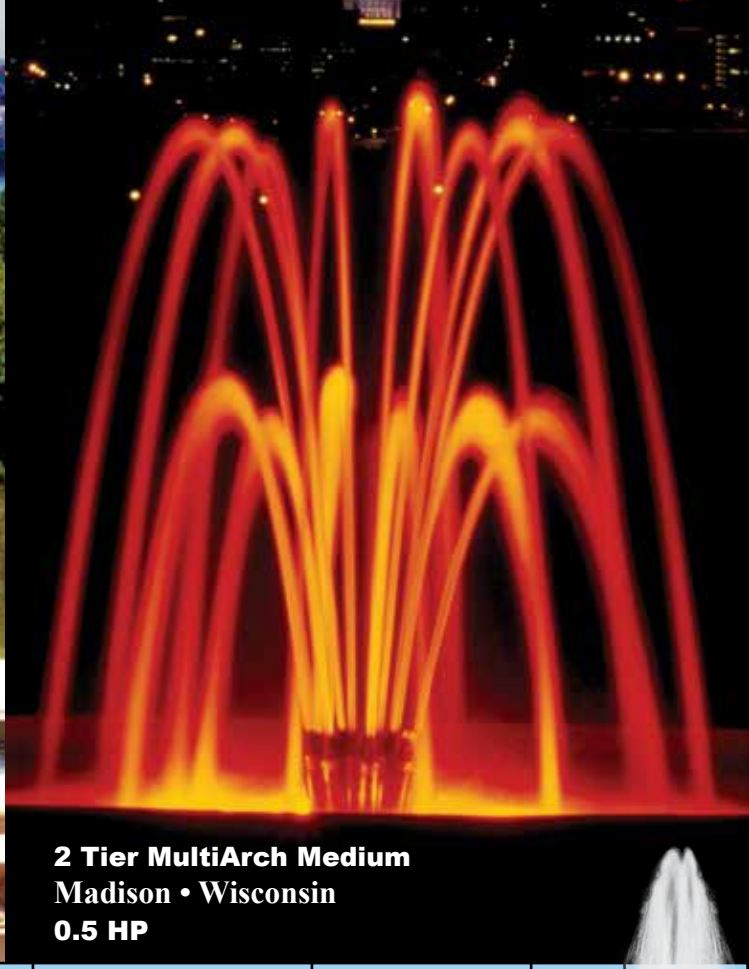
Two spray patterns:
MultiArch and 2-Tier MultiArch

Operates in as little as 18" of water

No piping or vault required

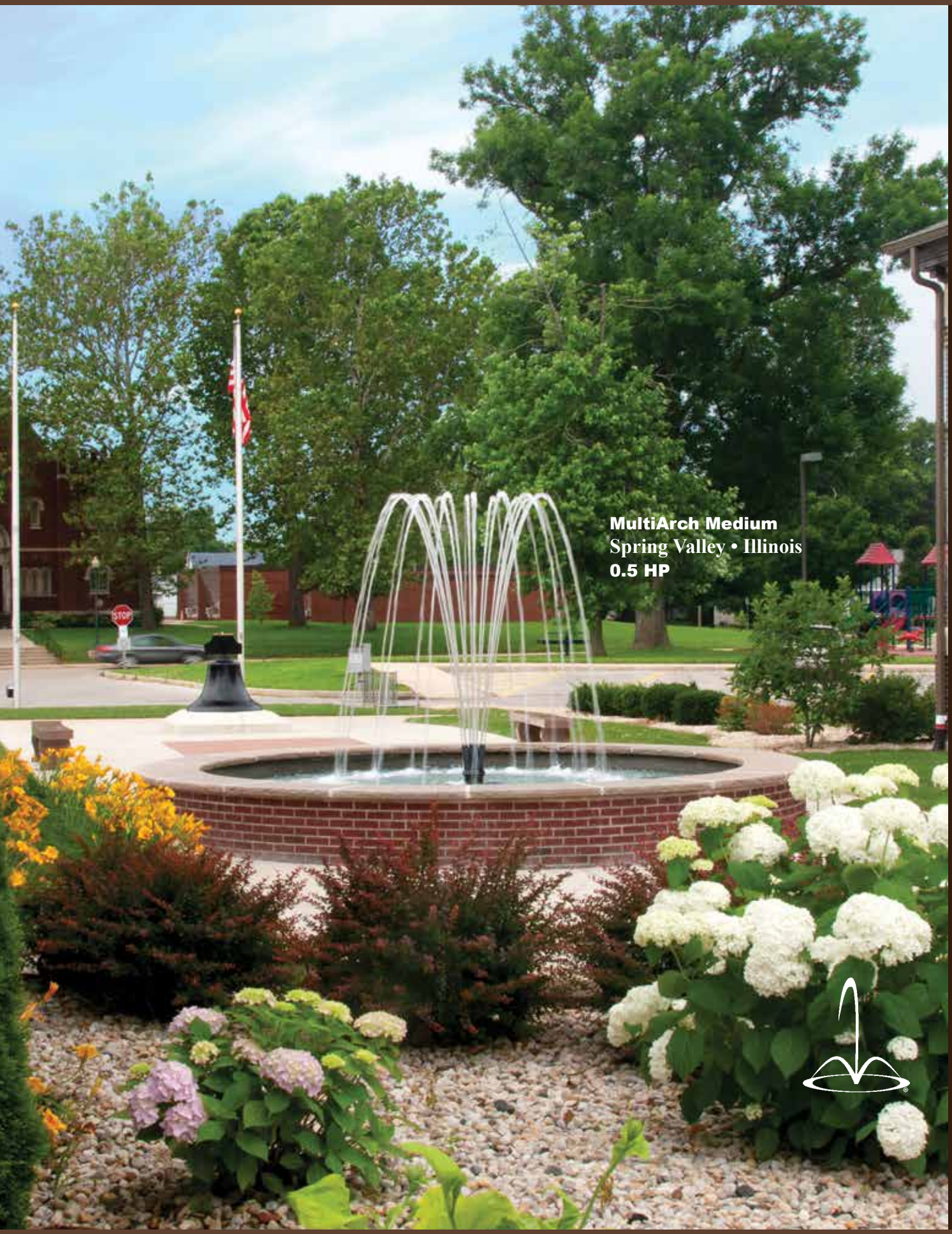
Units come in tan, black or swimming pool blue

Bowl Fountain pumps cannot operate Stationary Aerator or Stationary Fountain spray nozzles



2 Tier MultiArch Medium
Madison • Wisconsin
0.5 HP

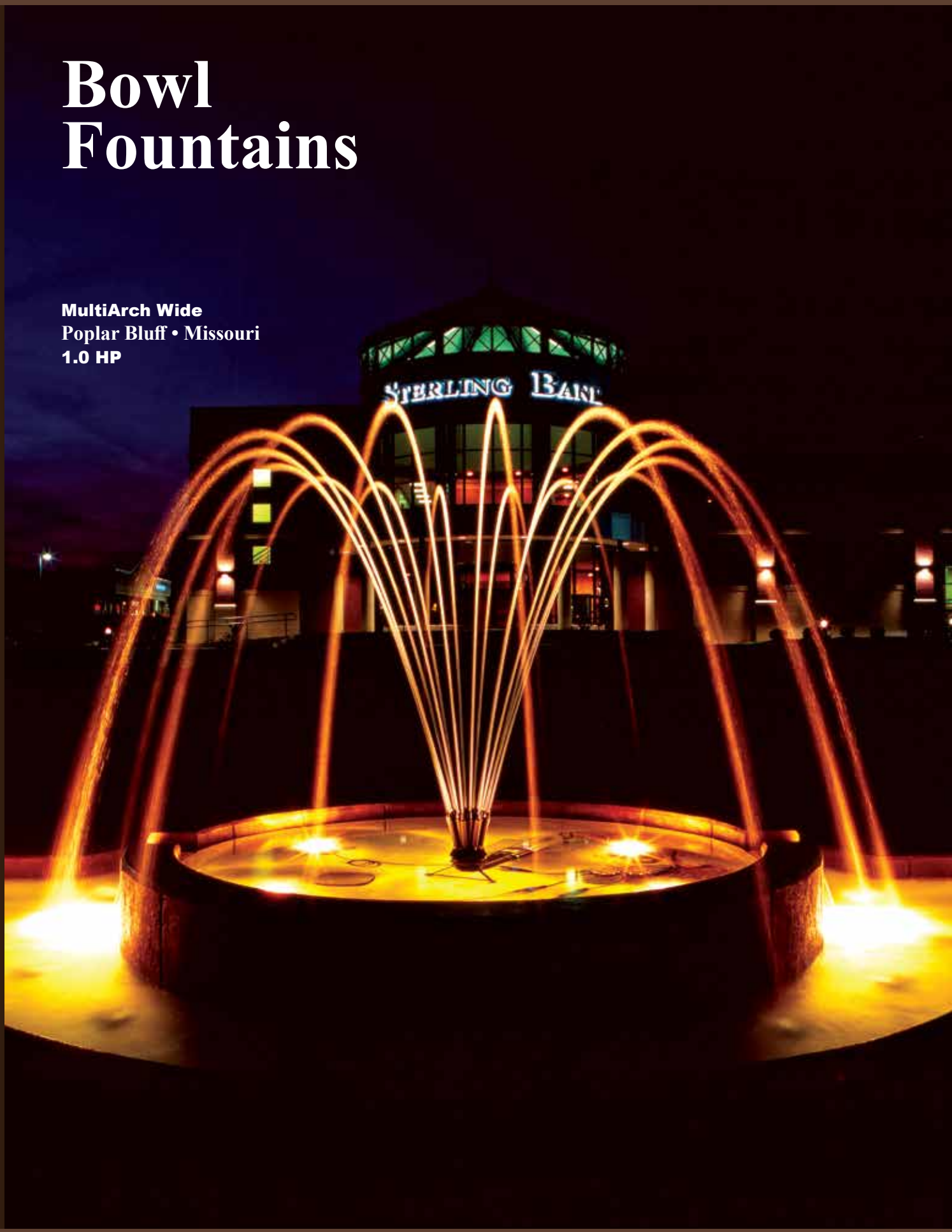
HP	Spray Nozzle	Spray Height	Approximate Splash Diameter	Minimum Water Depth of Bowl / Basin	Minimum Bowl / Basin Diameter	GPM
0.5	MultiArch Medium	5'	7'	18"	10'	150
0.5	MultiArch Wide	5'	9'	18"	12'	150
0.5	2-Tier MultiArch Medium	5' / 3'	7'	18"	10'	150
0.5	2-Tier MultiArch Wide	5' / 3'	9'	18"	12'	150
1	MultiArch Medium	9'	12'	18"	15'	185
1	MultiArch Wide	9'	15'	18"	18'	185
1	2-Tier MultiArch Medium	9' / 6'	12'	18"	15'	185
1	2-Tier MultiArch Wide	9' / 6'	15'	18"	18'	185

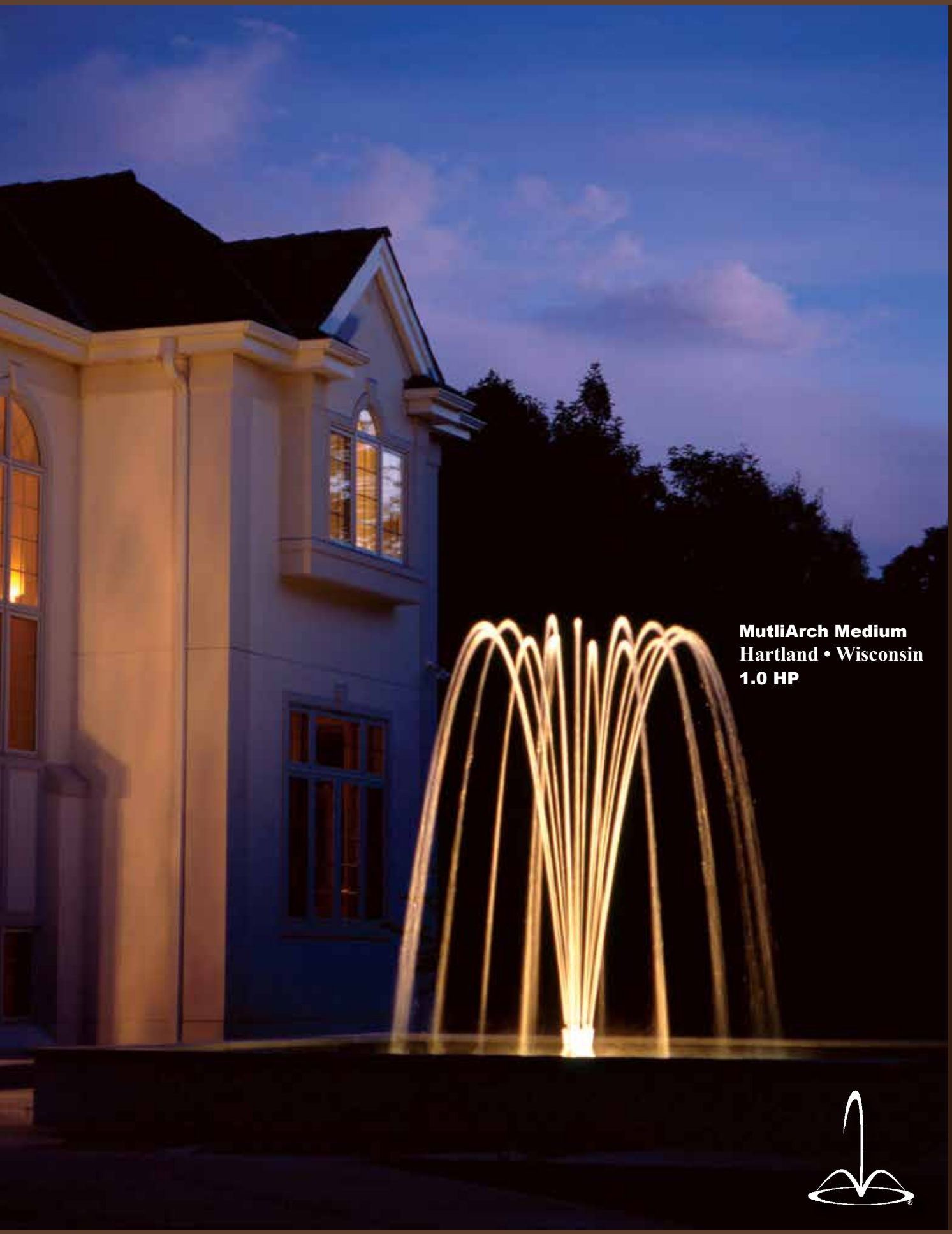


MultiArch Medium
Spring Valley • Illinois
0.5 HP

Bowl Fountains

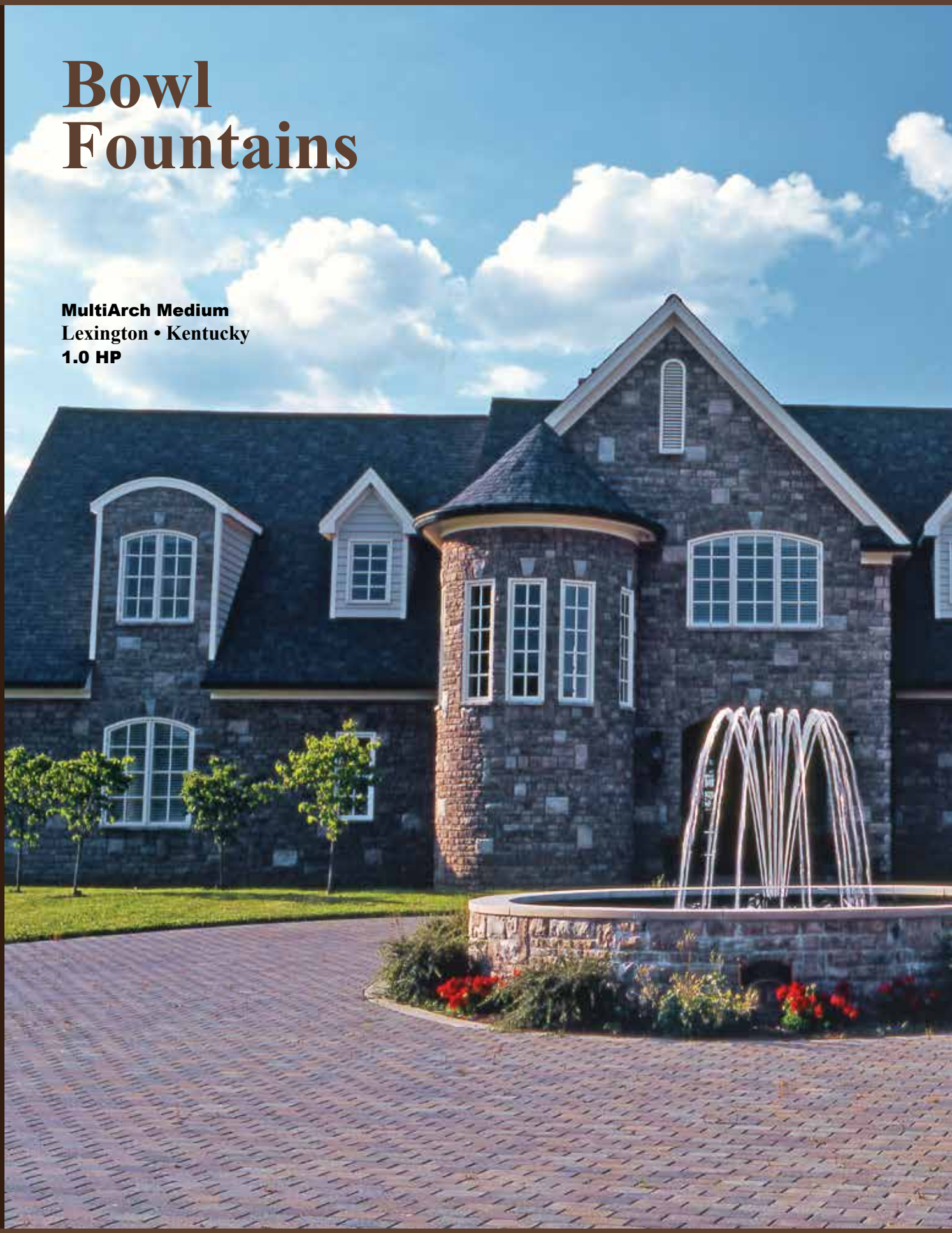
MultiArch Wide
Poplar Bluff • Missouri
1.0 HP



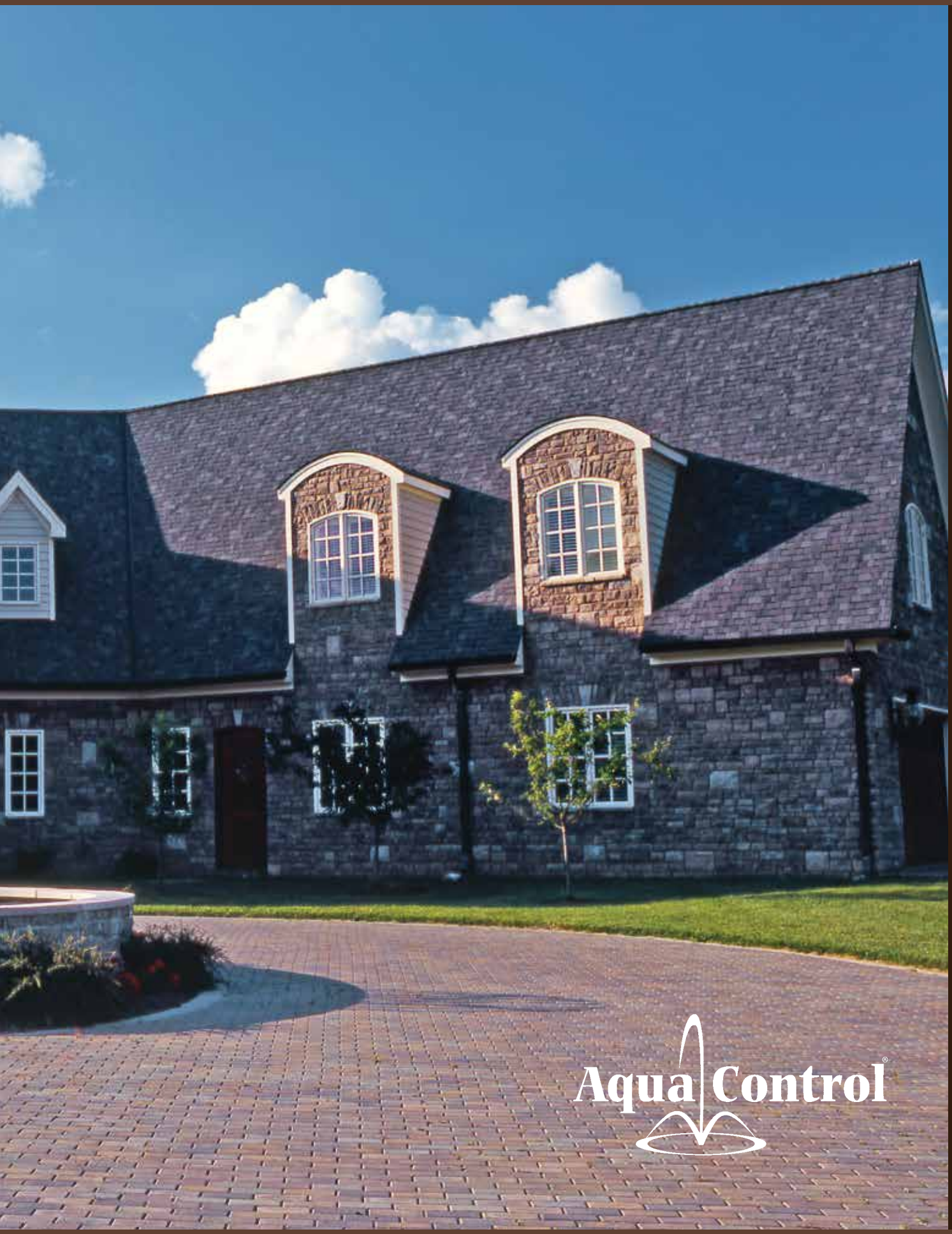


MutliArch Medium
Hartland • Wisconsin
1.0 HP

Bowl Fountains



MultiArch Medium
Lexington • Kentucky
1.0 HP



STATIONARY Series

Stationary Aerators & Fountains

1 HP to 40 HP

Any spray nozzle from our Select Series, Select Series 2 or Titan Series

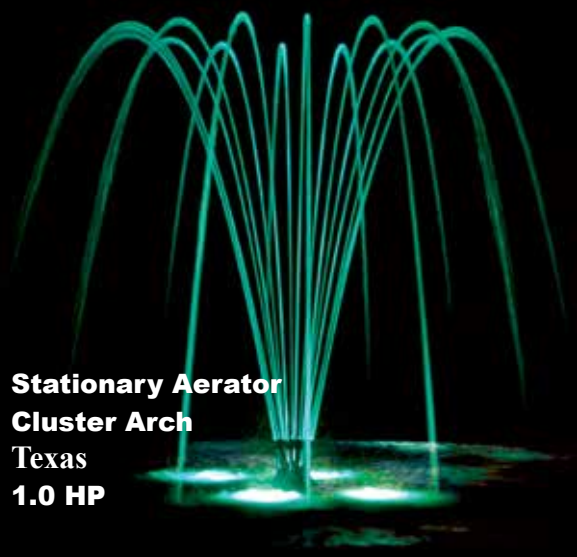
Operates in as little as 18" of water

No piping or vault required

Units come in tan, black or swimming pool blue



Stationary Aerator
Quad
Peru • Illinois
1.0 HP



Stationary Aerator
Cluster Arch
Texas
1.0 HP



Stationary Fountain
Trellis & Sky Geyser
2.0 HP



Stationary Aerator
Cluster Arch
Wisconsin Dells, Wisconsin
5.0 HP



Stationary Fountain
Quad
Spring Valley • Illinois
2.0 HP



ANATOMY OF A WATER BASIN/BOWL

Water Basin
Can be created by using any material that can hold water. Concrete or landscape pavers with a membrane liner are the most common types.

Water Supply
Allows for filling of water into the Basin / Bowl.

Stationary Unit
Can be bolted into the basin / bowl.

Water Level Sensor
An accessory offered by Aqua Control®. Allows for the basin / bowl to be automatically filled with water or can shut the fountain off in low water situations. Connects at the control panel.

Quick Disconnect:
Electrical quick disconnect allows for easy installation and maintenance.

Power Supply Conduit:
Houses the power cords that connect the included control panel to the fountain and lighting.

Aqua Control®

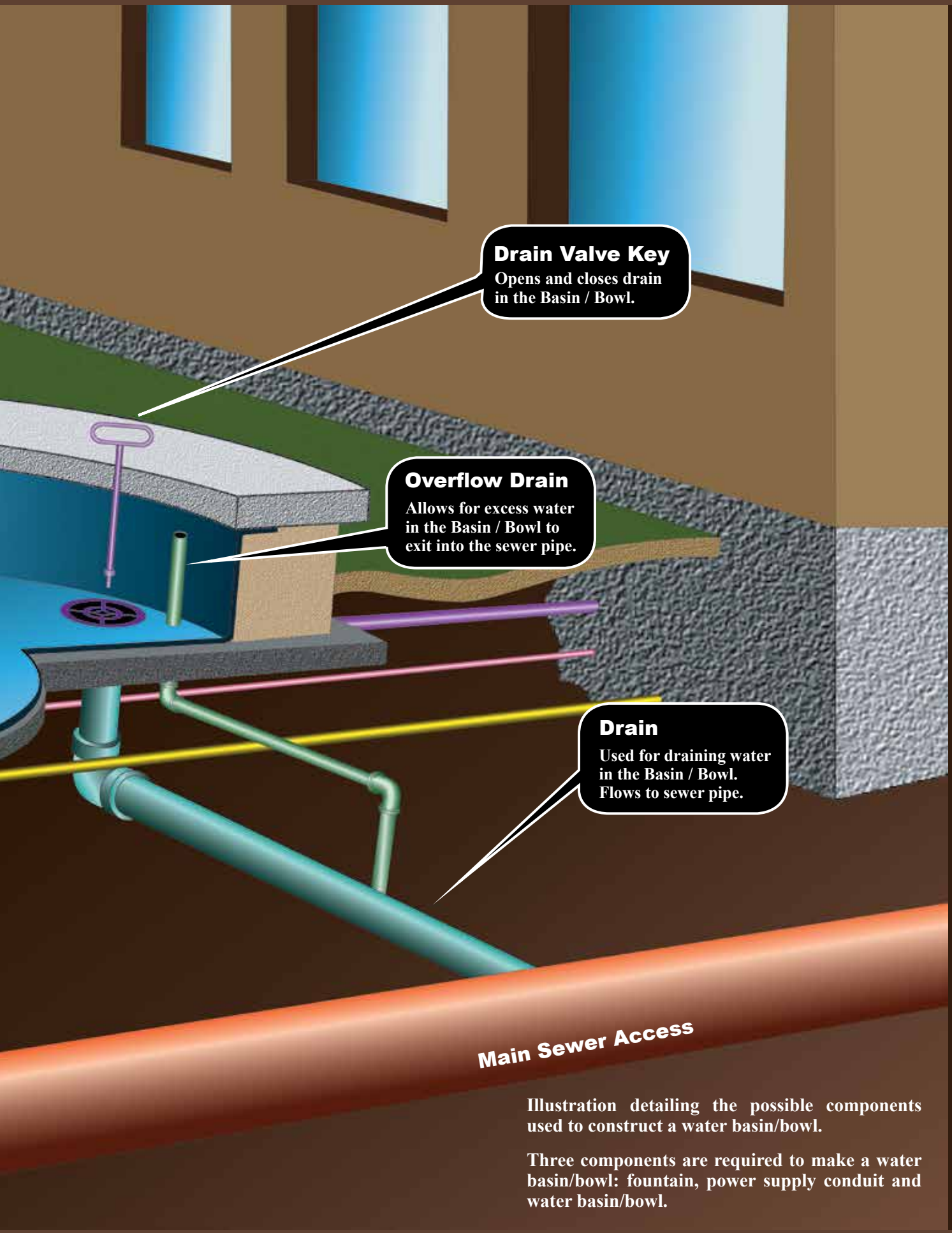


Illustration detailing the possible components used to construct a water basin/bowl.

Three components are required to make a water basin/bowl: fountain, power supply conduit and water basin/bowl.

Tailor-Made Fountains

Unlimited Possibilities

**When that inner artist comes out of you,
Aqua Control® is there.**

Ready to take your concept to the next level.

You have a vision?

Our brilliant staff have years of experience and innovated problem solving skills. Whether you need a repair, reconstruction, revitalization, or a brand new idea you can count on us to see it through.

You imagine it we build it.



Specially Made
A Perfect Fit

What kind of custom fountains does Aqua Control® create?
There are so many possibilities. There really is no limitation. If you have an idea you don't see anywhere we can help you make it happen. There are many available options to combine as well.

We Can Place a Custom Design in Your Bowl or Basin.

We Can Place a Custom Display in Your Pond or Lake.

We Can Even Make Your Fountain Dance.

You imagine it we build it.



Personalized Bowl or Basin
Fountains or Display Aerators

Any of Aqua Control's® patterns are capable in a bowl or basin.

A Fusion twisting in your basin is always attractive or if you'd prefer a mighty Titan in your large basin, Aqua Control® has what you need, but it doesn't stop there.

We can take a little of this and little of that to combine, change and even create a completely custom display for your bowl or basin.

Let your creative flag fly.

You imagine it we build it.

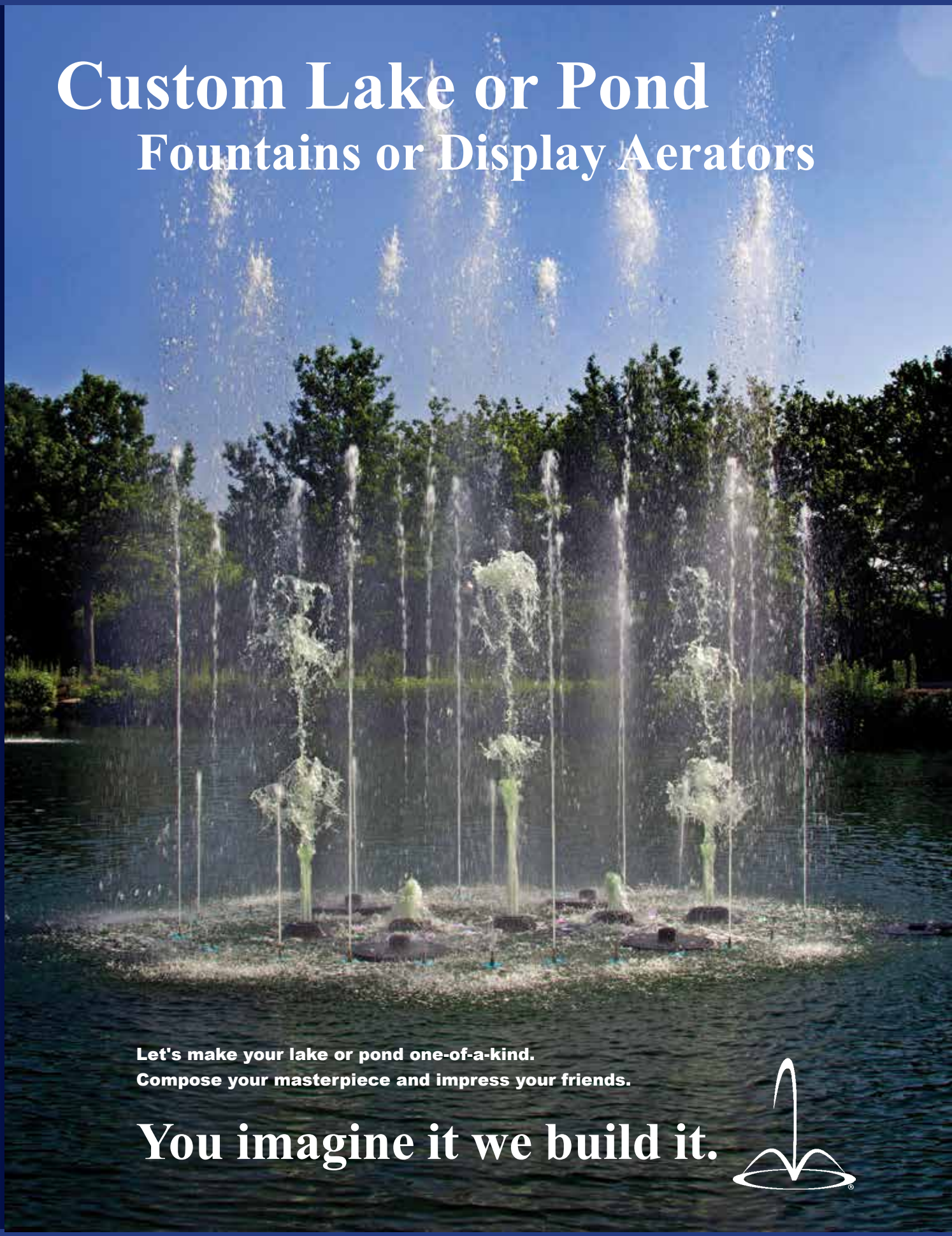






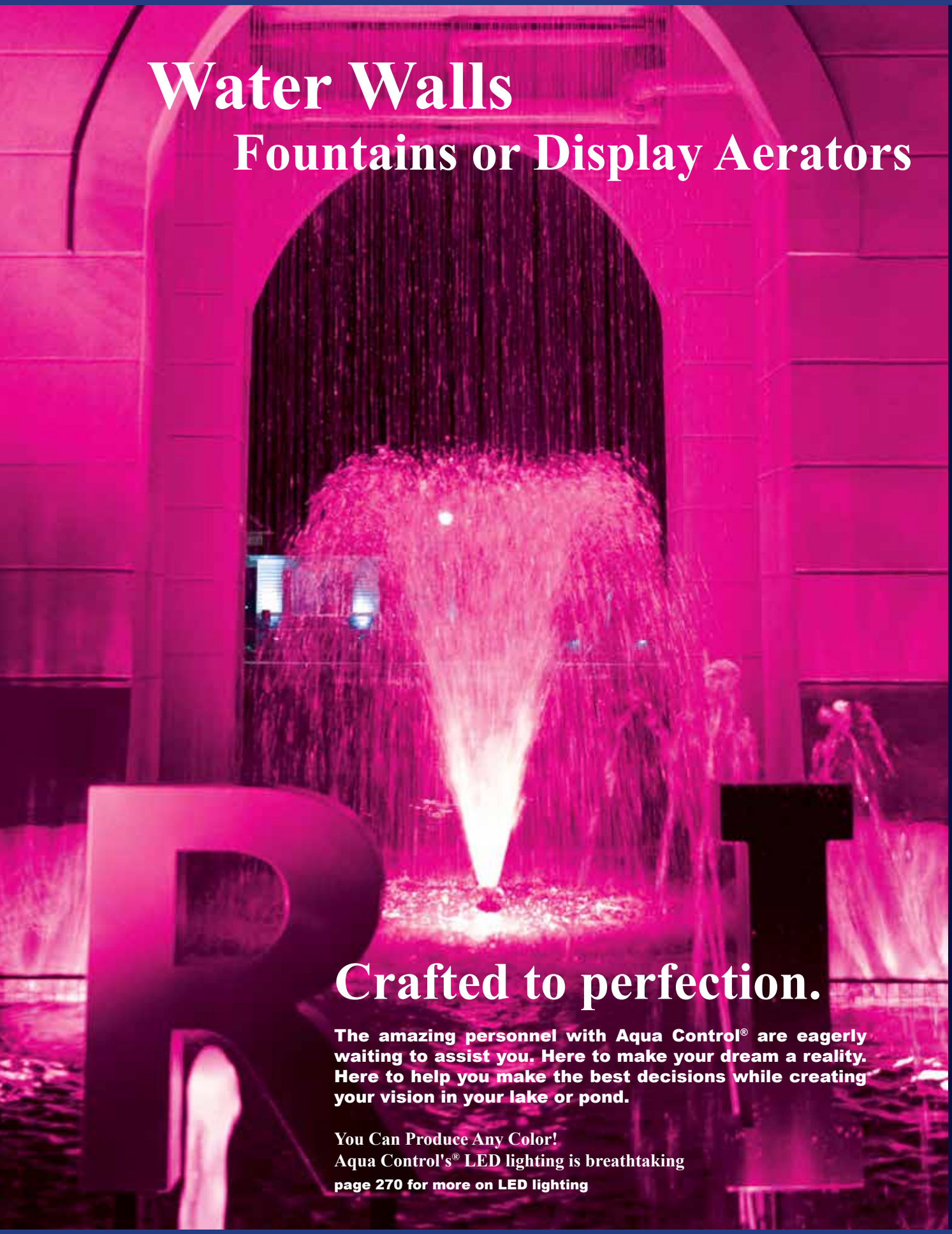


Custom Lake or Pond
Fountains or Display Aerators



Let's make your lake or pond one-of-a-kind.
Compose your masterpiece and impress your friends.

You imagine it we build it.



Water Walls
Fountains or Display Aerators

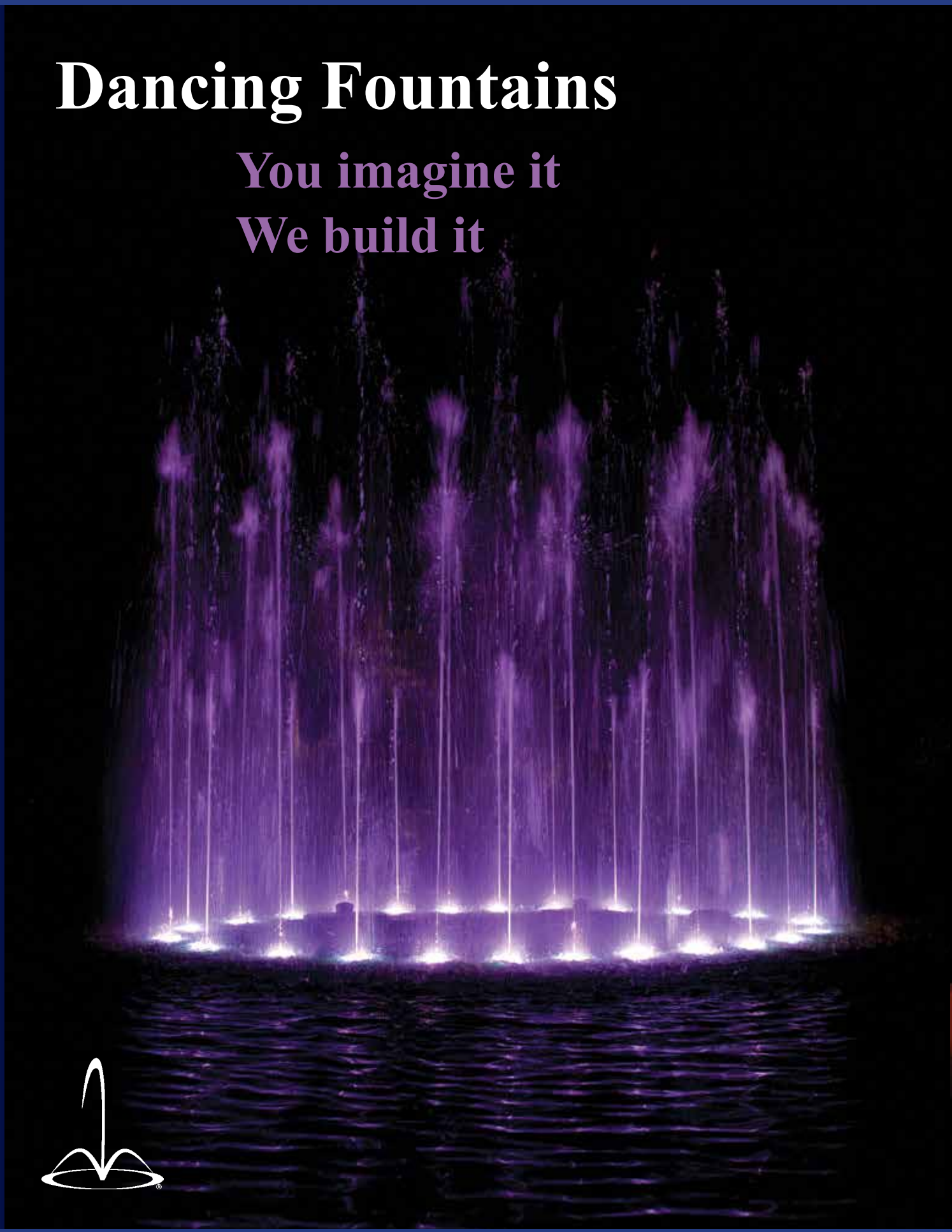
Crafted to perfection.

The amazing personnel with Aqua Control® are eagerly waiting to assist you. Here to make your dream a reality. Here to help you make the best decisions while creating your vision in your lake or pond.

You Can Produce Any Color!
Aqua Control's® LED lighting is breathtaking
page 270 for more on LED lighting

Dancing Fountains

You imagine it
We build it



CUSTOM Fountains

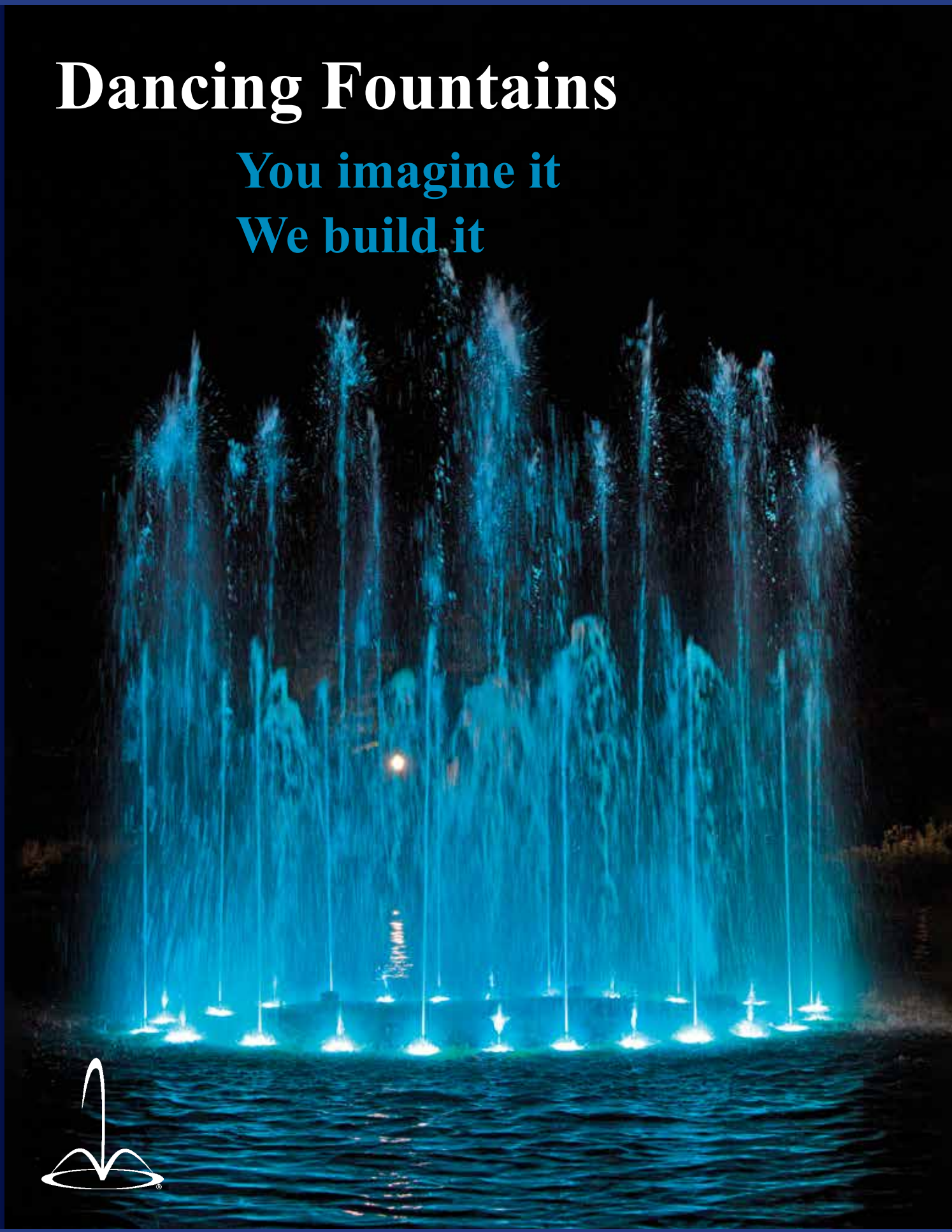




CUSTOM Fountains

Dancing Fountains

You imagine it
We build it



CUSTOM Fountains





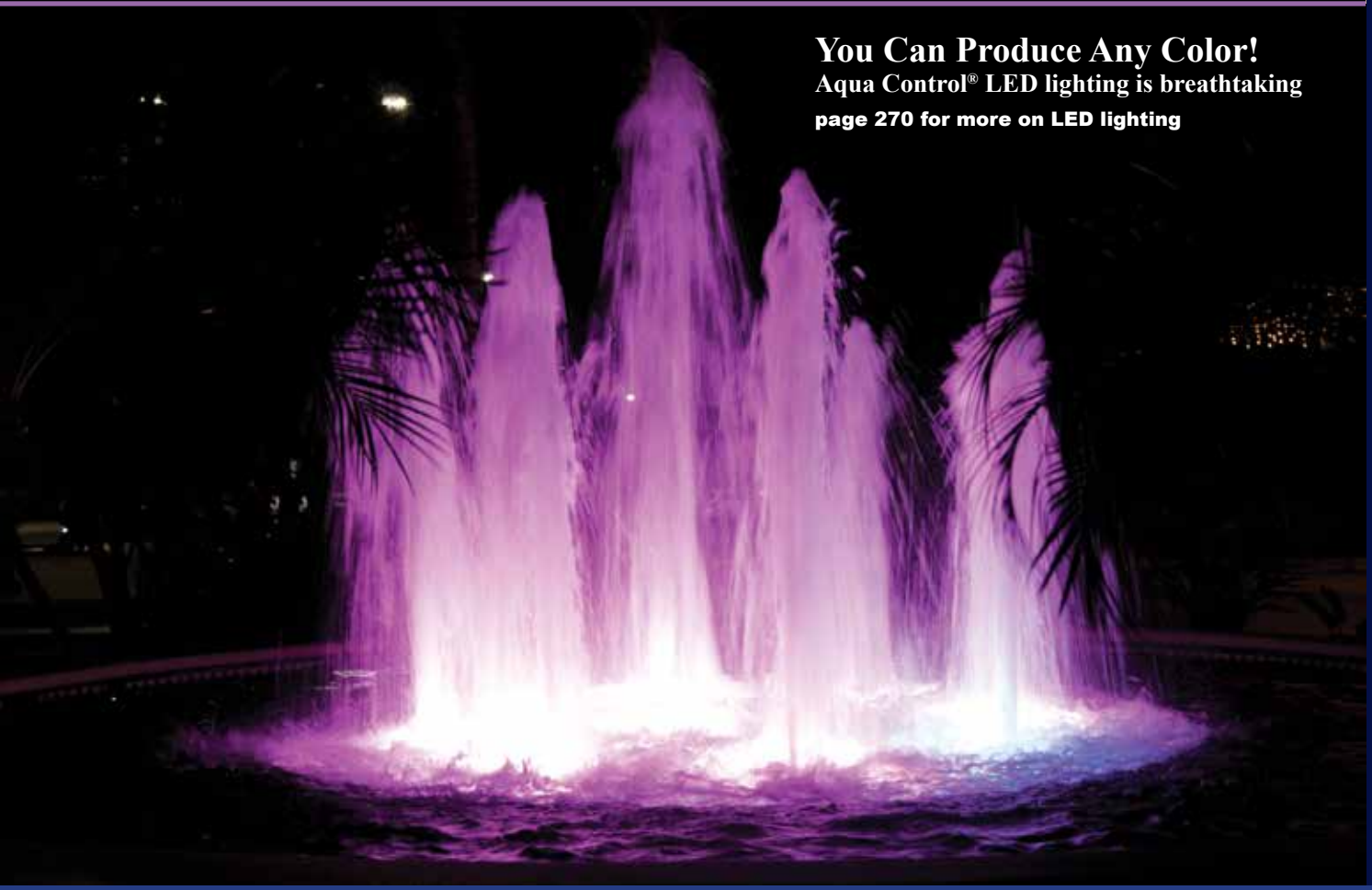
Dancing Fountains

You imagine it
We build it



CUSTOM Fountains





You Can Produce Any Color!

Aqua Control® LED lighting is breathtaking

page 270 for more on LED lighting

Is Aeration for You?



POND / LAKE Aeration

We all love nature, and improving your pond's water quality will help make your little spot on earth even better.

The toxic, oxygen deprived bottom layer of water is held in place by the thermocline and never mixes with the healthy oxygen exposed top layer.

How do we solve this issue?

Aqua Control® AirPRO™ & AirECO™ Aerators

Move water from the bottom to the top, exposing the polluted water to the life giving oxygen with millions of tiny bubbles, dragging the water to the surface. The fish and marine life love it. You will too.

Aqua Control AirPOD™ Diffuser

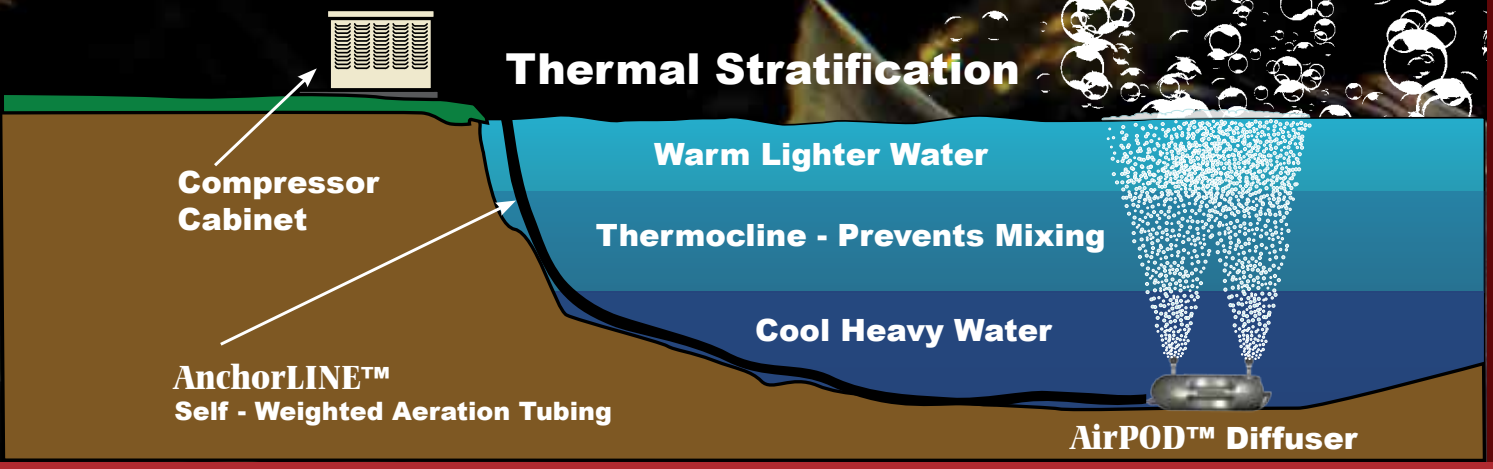
Built tough and easy to install.
The Aqua Control® AirPOD™ Diffuser has two styles.

Tube Style: **This modern style creates very tiny bubbles 360° around tubes reaching a level so low it's only a few inches from the lake or pond bottom, without disturbing the bottom.**

Disc Style: **If you prefer a more traditional style, we offer the tried and true, disc style, creating bubbles from the disc surface.**

When operated continuously in freezing conditions, an Aqua Control® aerator will keep an area of open water, removing toxic gasses, preventing fish kills and allowing wildlife access.

Aerating your lake or pond brings it life.



Let's Get Started



Time to get those large volumes of water from your lake or pond bottom moving to the surface where they meet the life-giving oxygen. The AirPOD™ diffuser emits millions of tiny air bubbles that rise and move the water with them.

AirPRO™ Aeration systems get the job done and stand sturdy through the test of time. This professional system has a resilient cabinet and 24 hour timer.

AQUA CONTROL'S AirPRO™ AERATION SYSTEMS

Best customer support in the industry
Quietest equipment on the market
Beautiful powder coated aluminum cabinet
Weather resistant cabinet base
24 hour timer
High quality 0.5 HP dual piston oil free compressors
6" high-output cooling fan included for each compressor
GFCI (ground-fault circuit interrupter) for 120V
Sound shield option for reduced noise



AirPOD™ Diffusers are amazing!

Self cleaning
Self-weighted base
Back-flow protection
Reach very low depths
Tube and Disc diffuser membrane styles



AnchorLINE™ Self-Weighted Air Tubing

Lead-free construction
3/8" ID Tubing for shorter runs
5/8" ID Tubing for long runs and maximum efficiency

Lake Bed Aeration Systems	AirPRO™ Diffusers	Amps at 120v	Amps at 230v 60Hz/50Hz	Airflow CFM at 15 PSI	Airflow m3/h at 1.0 Bar	GPM Pumped 60Hz/50Hz	KW 60Hz/ 50Hz
AirPRO™/AirECO™	1	6.6	3.3/2.9	4	5.3	4,200/3,600	.42
AirPRO™/AirECO™	2	6.6	3.3/2.9	4	5.3	8,300/7,100	.42
AirPRO™/AirECO™	3	6.6	3.3/2.9	4	5.3	12,500/10,700	.42
AirPRO™/AirECO™	4	13.2	6.6/5.8	8	10.6	16,500/14,200	.84
AirPRO™/AirECO™	5	13.2	6.6/5.8	8	10.6	21,000/18,000	.84
AirPRO™/AirECO™	6	13.2	6.6/5.8	8	10.6	25,000/21,500	.84

The economical powerhouse behind the AirECO™ aeration system vigorously moves that unhealthy water. This stunning system comes with high quality, dual piston compressor(s) and amazing AirPOD™ diffusers.

You are on your way to having a clean healthy lake or pond.



AQUA CONTROL'S AirECO™ AERATION SYSTEMS

Best customer support in the industry
Quietest equipment on the market
Sturdy composite cabinet
High Quality 0.5 HP Dual Piston Oil Free Compressors
6" high-output cooling fan included for each compressor
GFCI (ground-fault circuit interrupter) for 120V
Sound shield option for reduced noise



AirPOD™ Diffusers are amazing!

Self cleaning
Self-weighted base
Back-flow protection
Reach very low depths
Tube and Disc diffuser membrane styles



AnchorLINE™ Self-Weighted Air Tubing

Lead-free construction
3/8" ID Tubing for shorter runs
5/8" ID Tubing for long runs and maximum efficiency

Depth (Feet)	AirPRO™ AirECO™ Diffuser 1	AirPRO™ AirECO™ Diffusers 2	AirPRO™ AirECO™ Diffusers 3	AirPRO™ AirECO™ Diffusers 4	AirPRO™ AirECO™ Diffusers 5	AirPRO™ AirECO™ Diffusers 6
6'	2 acres	4 acres	6 acres	8 acres	10 acres	12 acres
10'	1.5 acres	3 acres	4.5 acres	6 acres	7.5 acres	9 acres
20'	1 acre	2 acres	3 acres	4 acres	5 acres	6 acres
30'	0.75 acre	1.5 acres	2.25 acres	3 acres	3.75 acres	4.5 acres
35'	0.5 acre	1 acre	1.5 acres	2 acres	2.5 acres	3 acres

AirPRO™ and AirECO™ requirements per acre based on water depth

Aerial mapping, gallons per minute and electrical cost calculators available at aquacontrol.com

Got a smaller lake or pond?

6 feet deep or less? Check this out!

Shallow Pond Aerators

These robust diffuser aeration systems are energy efficient and easy to install. Designed to oxygenate and detoxify smaller water bodies up to 6' deep.

Compressors

Oil-free and housed in a heavy, cast aluminum, rainproof outdoor enclosure

Operates from 32 to 48 decibels

Pumps high volumes of air at low pressure

Brass and stainless steel manifold will work and last in cold weather

Designed for continuous operation

Perfect
for your Koi pond



AnchorLINE™ Self-Weighted Air Tubing

Lead-free construction

3/8" ID tubing for SP10's, SP20's, and shorter runs

5/8" ID tubing for long runs and maximum efficiency

Aerial mapping, gallons per minute and electrical cost calculators available at aquacontrol.com

Bringing Your Water Life

Systems	Approx. Pond Surface Area	Approx. Pond Volume	Amps 60Hz 120v/ 50Hz 230v	Wattage 60Hz/ 50Hz	Max CFM Air Output	Noise Level	Diffusers
SP10	4,000 sq. ft.	180,000 gal.	0.8/0.44	38/38	1.7	32	1
SP20	8,000 sq. ft.	360,000 gal.	1.6/0.94	71/71	3.7	36	2
SP30	12,000 sq. ft.	540,000 gal.	2.1/0.72	100/100	5.3	45	3
SP40	24,000 sq. ft.	1,080,000 gal.	3.4/1.2	250/210	8.2	48	4

CFM: Cubic Feet per Minute

SP10

Compressor, 25' of 3/8" AnchorLINE™ Self-Weighted Air Tubing and one stainless steel diffuser assembly. ***Optional Maximum tubing length 350'.***

SP20

Compressor, 100' of 3/8" AnchorLINE™ Self-Weighted Air Tubing, valve manifold and two stainless steel diffuser assemblies. ***Optional Maximum tubing length 166'.***

SP30

Compressor, valve manifold and three stainless steel diffuser assemblies. (3/8" or 5/8" AnchorLINE™ Self-Weighted Air Tubing sold separately) ***Optional Maximum tubing length 700'.***

SP40

Compressor, valve manifold and four stainless steel diffuser assemblies. (3/8" or 5/8" AnchorLINE™ Self-Weighted Air Tubing sold separately) ***Optional Maximum tubing length 530'.***





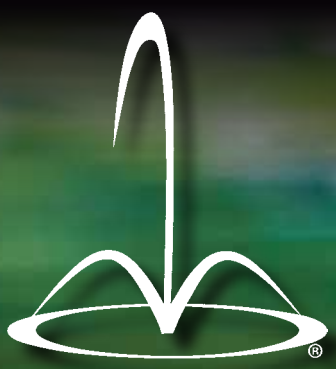
Diffuser

Stainless steel diffuser base designed to land upright when sinking into the pond

Large area of diffuser base resists settling into the pond bottom

Check valve incorporated to prevent backflow

12" diffuser tubes release air inches from the pond bottom while still preventing disruption of settled organics



Another amazing way to heal your water and keep it healthy is Aqua Control's

Pond Bottom Circulator

Designed using our Select Series pump thrusting incredible amounts of water with no visible pattern on the surface.

These incredible circulators can establish complete circulation in your lake, pond, canal, or cove. With a slight upward angle, gallons of water are propelled upward, busting through the stagnant layers of toxic water, eventually reaching the rejuvenating oxygen.

Features & Benefits

Sled design allows unit to sit on pond bottom without sinking into the silt

Finder float & bar weights for ease of handling upon install or removal

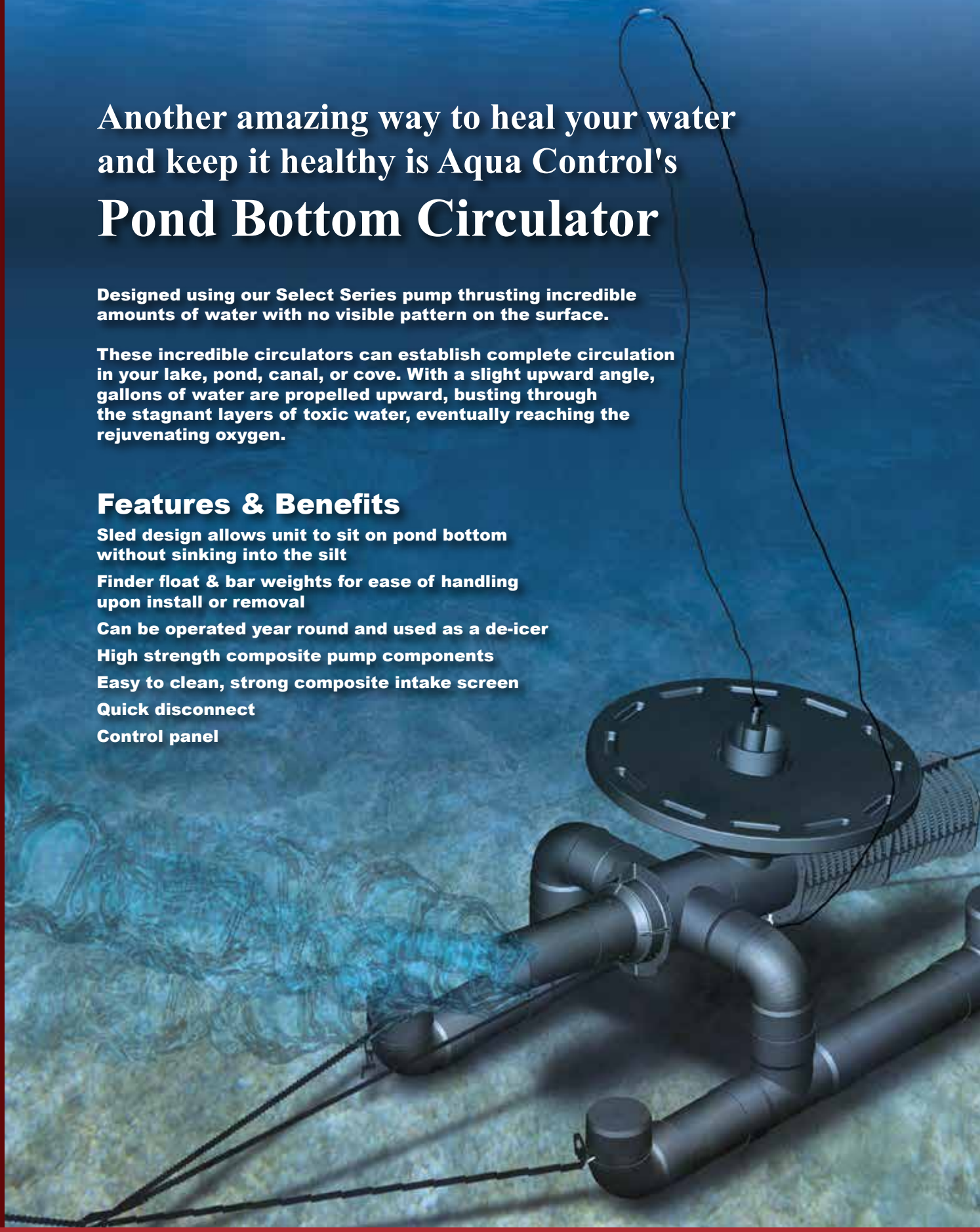
Can be operated year round and used as a de-icer

High strength composite pump components

Easy to clean, strong composite intake screen

Quick disconnect

Control panel



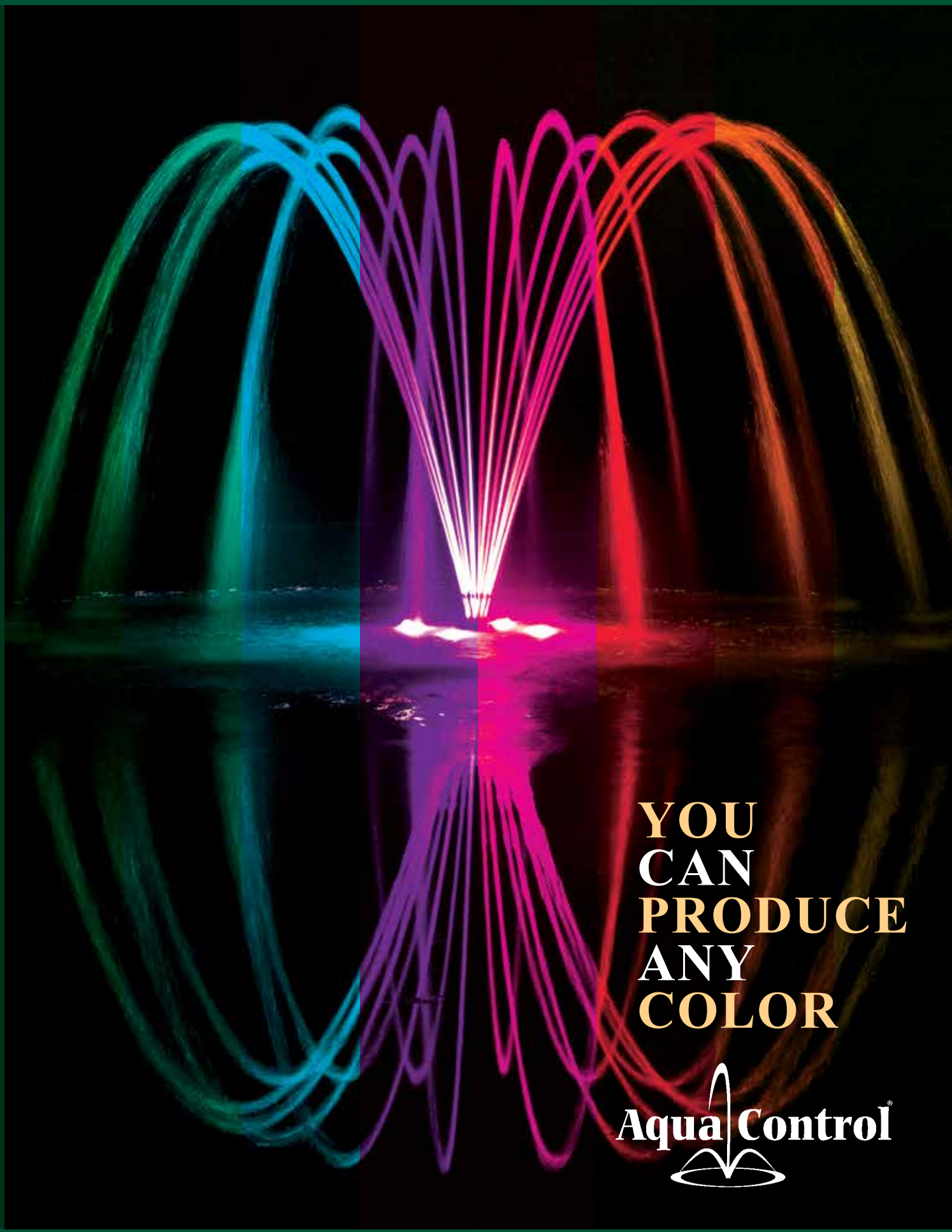


60Hz (North America)		
HP	**GPM**	**Min. Operating Water Depth (Inches)**
1	550	36
2	840	36
3	1000	36
50Hz (International)		
HP	**M3/H**	**Min. Operating Water Depth (Meters)**
1	125	1
2	190	1
3	230	1



POND / LAKE Aeration

GO TO AQUACONTROL.COM TO SEE A VIDEO



LIGHTING Features

ILLUMINATE Your Beautiful NEW FOUNTAIN

Aqua Control LEDs last 10 times longer than traditional bulbs
Aqua Control LEDs consume 90% less power than traditional lighting
Aqua Control LEDs brilliant colors have no need for lenses or filters
Aqua Control LEDs produce little heat and are environmentally safe



3 Watt LED's

80 Lumens | 6 feet of brilliant illumination
Replaceable MR216 Bulbs



9 Watt LED's

500 Lumens | 10 feet of brilliant illumination
Auto Random RGB is available



30 Watt LED's

2,075 Lumens | 25 feet of brilliant illumination
Auto Random RGB is available



80 Watt LED's

4,503 Lumens | 50 feet of brilliant illumination
Auto Random RGB is available



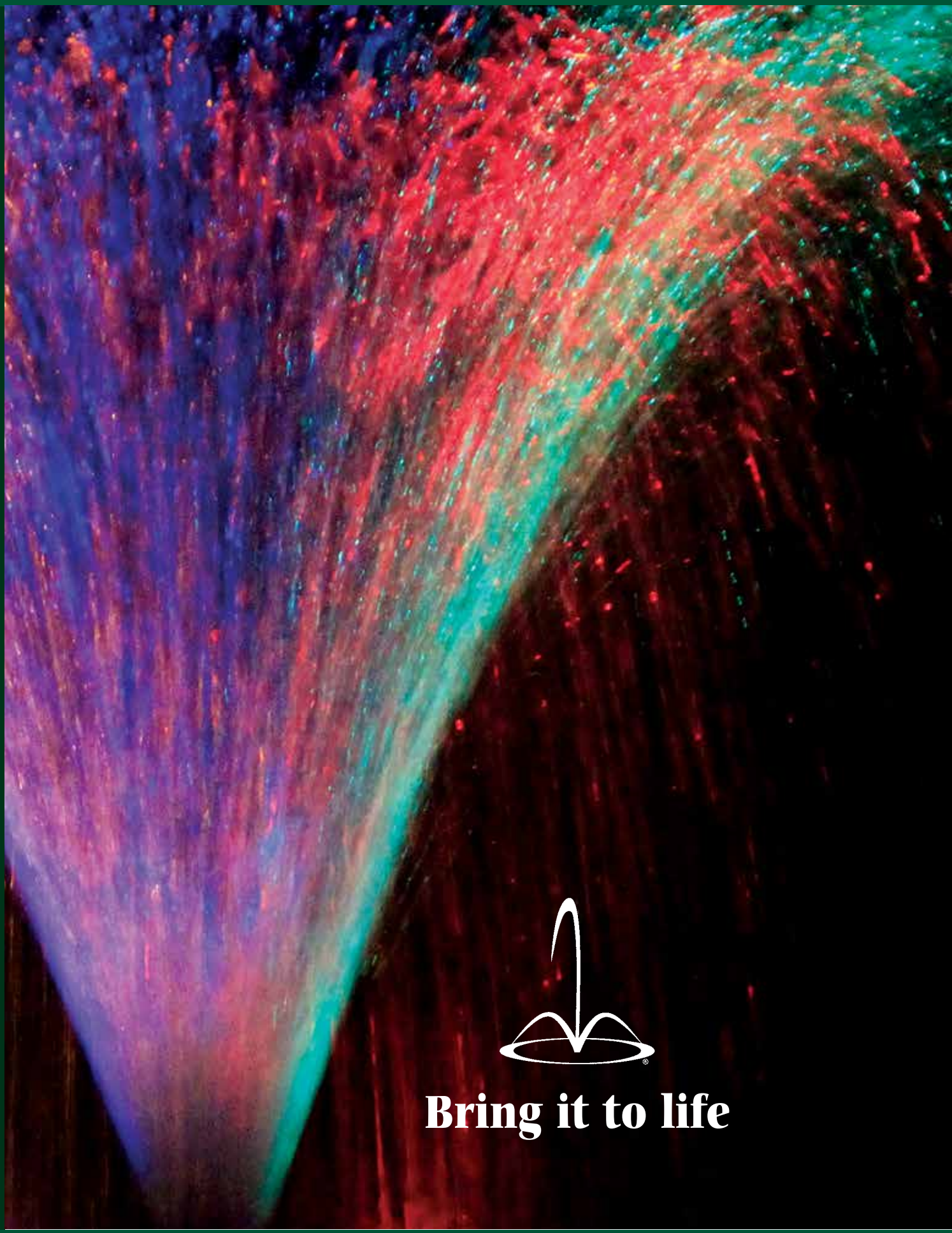
36 Watt RGB LED's Remote Controlled from Your Phone

Program up to 8 unique sequences
Constant current 24V DC
Additional light controls required
5-wire light supply cable is required



Cool white, warm white, red, green, blue and amber colors
Single, double, triple or quadruple fixture sets with quick disconnects
With or without several bracket styles for floating fountains
Wide 90° flood beam angle standard (inquire about other angles)
IP68 protection grading for waterproof underwater lighting
Voltage 50-60Hz AC 85-265V
Type 304 stainless-steel body

LIGHTING Features



LIGHTING PREFERENCES

A light set is comprised of 2, 3 or 4 lights terminating in a quick disconnect.
The maximum number of lights for the above listed series is 12.

EVOLUTION							
HORSEPOWER:	0.5HP						
MINIMUM:	4 X 3W						
SUGGESTED:	4 X 9W						
FUSION							
HORSEPOWER:	0.5HP - 1HP	1.5HP - 2.0HP					
MINIMUM:	2 X 30W	4 X 30W					
SUGGESTED:	4 X 30W	4 X 30W					
FOUNTAINS (SELECT SERIES)							
HORSEPOWER:	1HP	2HP	3HP	5HP			
MINIMUM:	3 X 30W	4 X 30W	3 X 80W	4 X 80W			
SUGGESTED:	4 X 30W	3 X 80W	4 X 80W	(2) 3 X 80W			
DISPLAY AERATORS (SELECT SERIES 2)							
HORSEPOWER:	1HP	2HP	3HP	5HP	7.5HP		
MINIMUM:	2 X 30W	3 X 30W	4 X 30W	3 X 80W	4 X 80		
SUGGESTED:	3 X 30W	4 X 30W	3 X 80W	4 X 80W	(2) 3 X 80W		
COMBO SERIES							
HORSEPOWER:	3HP/3HP	3HP/5HP	5HP/3HP	5HP/5HP			
MINIMUM:	4 X 80W	4 X 80W	(2) 3 X 80W	(2) 4 X 80W			
SUGGESTED:	(2) 3 X 80W	(2) 3 X 80W	(3) 3 X 80W	(3) 3 X 80W			
TITAN SERIES							
HORSEPOWER:	7.5HP	10HP	15HP	20HP	25HP	30HP	40HP
MINIMUM:	4 X 80W	(2) 3 X 80W	(2) 3 X 80W	(2) 4 X 80W	(2) 4 X 80W	(2) 4 X 80W	(2) 4 X 80W
SUGGESTED:	(2) 3 X 80W	(2) 4 X 80W	(2) 4 X 80W	(3) 4 X 80W	(3) 4 X 80W	(4) 4 X 80W	(4) 4 X 80W

When utilizing a different color choice than COOL WHITE, you may need to increase the number of light fixtures or go to a larger wattage light set. When utilizing Auto Rotating RGB or Programmable RGB, you may need to increase the number of light fixtures.



Lexington Green
Lexington • Kentucky

60 HZ LED LIGHTING CABLE

120 VOLT 30 WATT LED LIGHTING

LIGHTS		WATTS	AMPS	3 WIRE LIGHT CABLE		4 WIRE LIGHT CABLE*		3 WIRE / 2-WAY**	
Total #	Light Set Description	Total	Total	Used for 1 set of lights per cable		Used for 2 sets of lights per cable (For Sequencing)		Used for 2 sets of lights per cable (W/O Sequencing)	
				in feet per AWG		in feet per AWG		in feet per AWG	
				#16 / 3	#14 / 3	#16 / 4	#14 / 4	#16 / 3	#14 / 3
2	2 lights x 30 W	60	0.5	1000	1600	-	-	-	-
3	3 lights x 30 W	90	0.8	675	1050	-	-	-	-
4	4 lights x 30 W	120	1.0	500	800	-	-	-	-
2	1 light x 30 W	60	0.5	-	-	4000	6400	1000	1600
4	2 lights x 30 W	120	1.0	-	-	2000	3200	500	800
6	3 lights x 30 W	180	1.5	-	-	1350	2100	325	525
8	4 lights x 30 W	240	2.0	-	-	1000	1600	250	400

120 VOLT 80 WATT LED LIGHTING

LIGHTS		WATTS	AMPS	3 WIRE LIGHT CABLE		4 WIRE LIGHT CABLE*		3 WIRE / 2-WAY**	
Total #	Light Set Description	Total	Total	Used for 1 set of lights per cable		Used for 2 sets of lights per cable (For Sequencing)		Used for 2 sets of lights per cable (W/O Sequencing)	
				in feet per AWG		in feet per AWG		in feet per AWG	
				#16 / 3	#14 / 3	#16 / 4	#14 / 4	#16 / 3	#14 / 3
2	2 lights x 80 W	160	1.3	450	725	-	-	-	-
3	3 lights x 80 W	240	2.0	300	475	-	-	-	-
4	4 lights x 80 W	320	2.7	225	350	-	-	-	-
2	1 light x 80 W	160	1.3	-	-	1700	2700	450	725
4	2 lights x 80 W	320	2.7	-	-	925	1450	225	350
6	3 lights x 80 W	480	4.0	-	-	600	950	150	225
8	4 lights x 80 W	640	5.3	-	-	425	700	100	175

24 VOLT 36 WATT PROGRAMMABLE RGB LED LIGHTING

LIGHTS		WATTS	AMPS	5 WIRE LIGHT CABLE					
Total #	Light Set Description	Total	Total	in feet per AWG					
				#16 / 5	#14 / 5	#12 / 5	#10 / 5	#8 / 5	#6 / 5
2	2 lights x 36 W	72	3	80	125	200	300	500	800
3	3 lights x 36 W	108	4.5	50	75	125	200	325	525
4	4 lights x 36 W	144	6	25	50	100	150	250	400



* To use the 4 wire light cable for sequencing, the control panels must be equipped for 2 or more light circuits.
** To use the 3 wire / 2-way connect cable, the control panels are required to be equipped for 1 light circuit ONLY.

50 HZ LED LIGHTING CABLE

230 VOLT 30 WATT LED LIGHTING

LIGHTS		WATTS	AMPS	3 WIRE LIGHT CABLE		4 WIRE LIGHT CABLE*		3 WIRE / 2-WAY**	
Total #	Light Set Description	Total	Total	Used for 1 set of lights per cable		Used for 2 sets of lights per cable (For Sequencing)		Used for 2 sets of lights per cable (W/O Sequencing)	
				in meters per sq. mm / ft. per AWG					
				1,5 (#16)	2,5 (#14)	1,5 (#16)	2,5 (#14)	1,5 (#16)	2,5 (#14)
2	2 lights x 30 W	60	0,3	1097 (3600)	1768 (5800)	-	-	-	-
3	3 lights x 30 W	90	0,5	730 (2400)	1158 (3800)	-	-	-	-
4	4 lights x 30 W	120	0,6	548 (1800)	884 (2900)	-	-	-	-
2	1 light x 30 W	60	0,3	-	-	3960 (13000)	6400 (21000)	1097 (3600)	1768 (5800)
4	2 lights x 30 W	120	0,6	-	-	2010 (6600)	3040 (10000)	548 (1800)	884 (2900)
6	3 lights x 30 W	180	1	-	-	1340 (4400)	2130 (7000)	335 (1100)	533 (1750)
8	4 lights x 30 W	240	1,3	-	-	1000 (3300)	1610 (5300)	259 (850)	411 (1350)

230 VOLT 80 WATT LED LIGHTING

LIGHTS		WATTS	AMPS	3 WIRE LIGHT CABLE		4 WIRE LIGHT CABLE*		3 WIRE / 2-WAY**	
Total #	Light Set Description	Total	Total	Used for 1 set of lights per cable		Used for 2 sets of lights per cable (For Sequencing)		Used for 2 sets of lights per cable (W/O Sequencing)	
				in meters per sq. mm / ft. per AWG					
				1,5 (#16)	2,5 (#14)	1,5 (#16)	2,5 (#14)	1,5 (#16)	2,5 (#14)
2	2 lights x 80 W	160	0,7	136 (450)	220 (725)	-	-	-	-
3	3 lights x 80 W	240	1,0	90 (300)	144 (475)	-	-	-	-
4	4 lights x 80 W	320	1,4	68 (225)	106 (350)	-	-	-	-
2	1 light x 80 W	160	0,7	-	-	515 (1700)	818 (2700)	136 (450)	220 (725)
4	2 lights x 80 W	320	1,4	-	-	280 (925)	439 (1450)	68 (225)	106 (350)
6	3 lights x 80 W	480	2,1	-	-	812 (600)	288 (950)	45 (150)	68 (225)
8	4 lights x 80 W	640	2,8	-	-	129 (425)	212 (700)	30 (100)	53 (175)

24 VOLT 36 WATT PROGRAMMABLE RGB LED LIGHTING

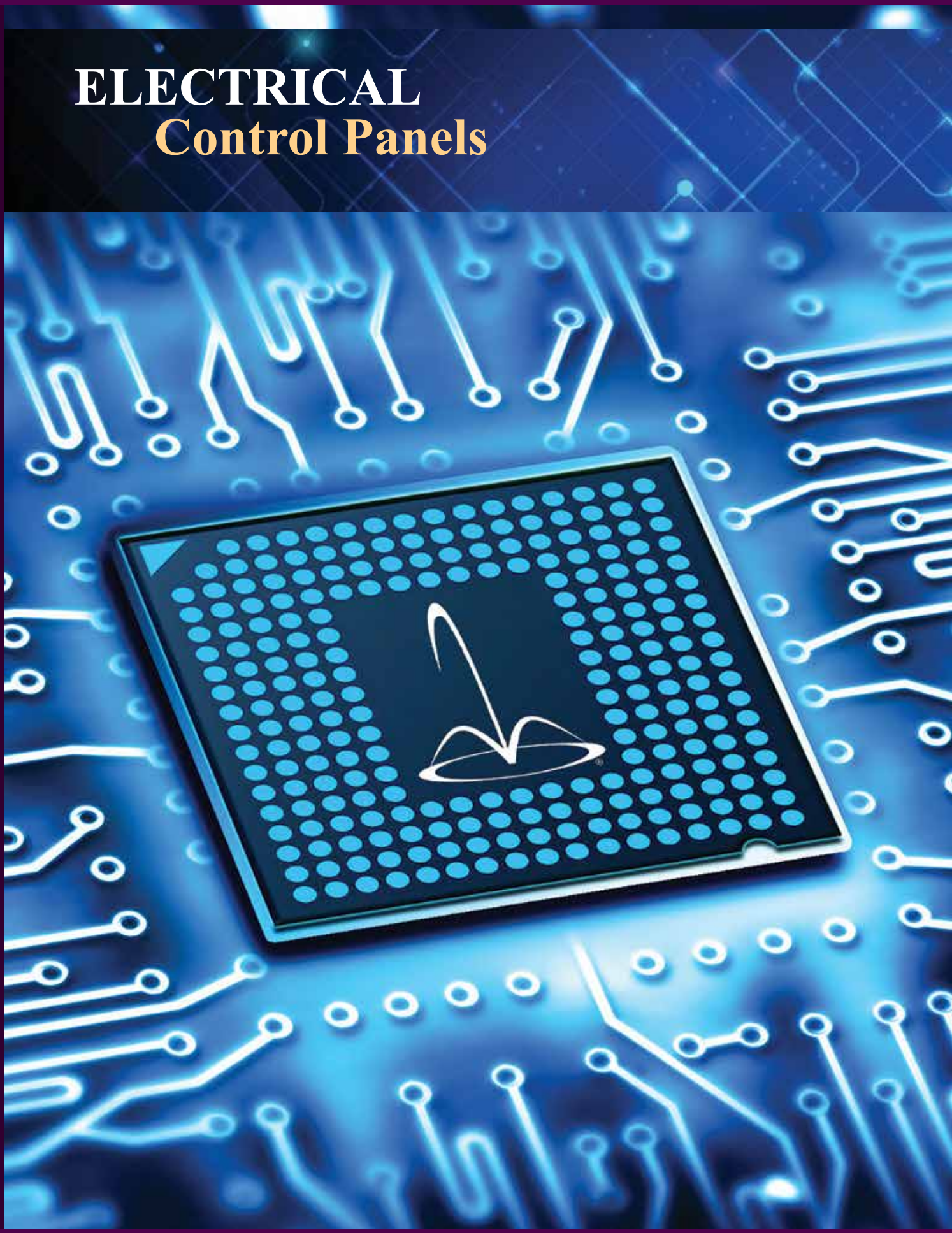
LIGHTS		WATTS	AMPS	5 WIRE LIGHT CABLE					
Total #	Light Set Description	Total	Total	in meters per sq. mm / ft. per AWG					
				1,5 (#16)	2,5 (#14)	4 (#12)	6 (#10)	10 (#8)	16 (#6)
2	2 lights x 36 W	72	3	24 (80)	38 (125)	61 (200)	91 (300)	152 (500)	243 (800)
3	3 lights x 36 W	108	4,5	15 (50)	22 (75)	38 (125)	61 (200)	99 (325)	160 (525)
4	4 lights x 36 W	144	6	7 (25)	15 (50)	30 (100)	45 (150)	76 (250)	122 (400)

Looking for Motor Cables? **page 280 for Motor Cables**



*** To use the 4 wire light cable for sequencing, the control panels must be equipped for 2 or more light circuits.**
**** To use the 3 wire / 2-way connect cable, the control panels are required to be equipped for 1 light circuit ONLY.**

ELECTRICAL
Control Panels





EVOLUTION SERIES CONTROL PANEL 0.5HP
FUSION SERIES CONTROL PANEL 0.5HP

NEMA 3R fiberglass outdoor enclosure
Compact size
Padlock compatible
Individual GFCI protection for motor & lights
Built standard with 1 light circuit
24 hour pump & light timer photo cell
Ground connectors

Evolution Series **page 14**



FUSION SERIES CONTROL PANEL 1HP - 2HP

Composite outdoor enclosure
Compact size
Padlock compatible
Through-the-door safety disconnect switch with lockout capability
Individual GFCI protection for motor & lights
Built standard with 1 light circuit (multiple light circuits available)
24 hour pump timer and photocell
Ground connectors
Wire ways for neat & safe wiring
Most components are DIN rail mounted for ease of service
Easy to read schematics

Fusion Series **page 36**

STANDARD CONTROL PANEL
SELECT SERIES CONTROL PANEL 1HP - 5HP
SELECT SERIES 2 CONTROL PANEL 1HP - 7.5HP
COMBO CONTROL PANEL 3HP AND 5HP
TITAN CONTROL PANEL 7.5HP - 40HP



Minimum NEMA 4X fiberglass outdoor enclosure
Compact size • Stainless steel hardware • Padlock compatible
Through-the-door safety disconnect switch with lockout capability
Individual GFCI protection for motor & lights
Built standard with 1 light circuit (multiple light circuits available)
24 hour pump & light timers
Ground connectors • Wire ways for neat & safe wiring
Most components are DIN rail mounted for ease of service
Easy to read schematics
Single phase panels include: capacitors, start circuit & re-settable overloads
Standard single phase panels are UL listed
CE rated 50Hz control panels are available

Select Series **page 134**
Select Series 2 **page 94**
Combo Series **page 158**
Titan Series **page 182**

ELECTRICAL
Control Panels

CUSTOM LARGE CONTROL PANEL BUILD

- Operates multiple units in one panel
- For panels with upgraded control panel options
- NEMA 4X powder-coated steel
- Locking handle
- Stainless steel hardware
- Through-the-door safety disconnect switch with lockout capability
- Individual GFCI protection for motor & lights
- Built standard with 1 light circuit (multiple light circuits available)
- Wire ways for neat & safe wiring
- 24 hour pump & light timers
- Ground connectors
- Ease of service DIN rail mounted for most components
- Easy to read schematics
- Single phase panels include: capacitors, start circuit & re-settable overloads
- Standard single phase panels are UL listed
- CE rated 50Hz control panels are available





ELECTRICAL
Control Panel Options



WATER LEVEL CONTROLLER AND SENSOR

Turns off the water feature pump to prevent motor damage caused by no-flow operation. Turns on an external water fill valve.

SINGLE-POINT: When water Levolor® probe points are no longer submerged, it prevents the pump from operating.

TWO-POINT: Includes two water Levolor® probes. One probe, set at a higher point, turns on a valve once the water level falls below the probe. A second probe, set at a lower point, prevents the pump from operating once it is no longer submerged.

WIND CONTROL

Used in conjunction with our fountain manager (shown), the externally mounted anemometer sends a signal back to the Control Panel indicating wind speed and reduces the spray height or shuts down the unit depending on settings and options.

WIND CONTROL OPTIONS:

SINGLE-POINT WIND CONTROL: Prevents operation of unit when the wind speed exceeds an adjustable preset limit. (off only)

TWO-POINT WIND CONTROL: In addition to preventing operation of the unit (see SINGLE-POINT), TWO-POINT wind control also allows the spray pattern height to be reduced to preset point based on wind speed. (lower height and off)

INVERSE WIND CONTROL: As wind speed increases, the spray pattern decreases proportionately between two adjustable preset wind speeds. Unit operation is prevented when a higher preset level is exceeded.



Fountain Manager



VARIABLE FREQUENCY DRIVE

Used in conjunction with the fountain manager, to vary the speed of the motor and pump, the VFD is capable of reducing the height of patterns, preventing excessive wind blown spray. The VFD can also be used to create three phase power when only single phase power is available.



PHOTO CELL

A photo cell allows the lights to turn on at dusk and off at dawn unless a light timer is set to shut the lights off sooner. A photo cell must be installed where natural light is present, not in the shade or under man-made lighting.



DIGITAL TIMER

7-day programmable timer with up to 8 different on/off brackets. Easy to program, compact, backlit LCD, backup battery.

ELECTRICAL

60Hz Motor Cables

SELECT SERIES AND SELECT SERIES 2
ANGEL, NIAGARA, AND NIAGARA II WATERFALLS
BOTTOM CIRCULATORS

60 Hz - SINGLE PHASE - 3 WIRE

MOTOR					MAXIMUM COPPER CABLE					
Nominal		Service Factor			in feet per American Wire Gauge (AWG)					
HP	VOLTS	HP	AMPS	KW	#16	#14	#12	#10	#8	#6
0.5	120 V	0.8 HP	12 AMPS	1 KW	50'	100'	160'	250'	390'	620'
0.5	230 V	0.8 HP	6 AMPS	1 KW	190'	400'	650'	1020'	1610'	2510'
1	230 V	1.4 HP	10 AMPS	2 KW	110'	250'	400'	630'	990'	1540'

60 Hz - SINGLE PHASE - 4 WIRE

MOTOR					MAXIMUM COPPER CABLE					
Nominal		Service Factor			in feet per American Wire Gauge (AWG)					
HP	VOLTS	HP	AMPS	KW	#16	#14	#12	#10	#8	#6
2	230 V	2.5 HP	13 AMPS	3 KW	-	-	250'	390'	620'	970'
3	230 V	3.5 HP	17 AMPS	4 KW	-	-	190'	300'	470'	750'
5	230 V	5.8 HP	28 AMPS	6 KW	-	-	-	-	280'	450'

60 Hz - THREE PHASE - 4 WIRE

MOTOR					MAXIMUM COPPER CABLE					
Nominal		Service Factor			in feet per American Wire Gauge (AWG)					
HP	VOLTS	HP	AMPS	KW	#16	#14	#12	#10	#8	#6
1	208 V	1.4 HP	5 AMPS	2 KW	150'	430'	690'	1080'	1710'	2670'
1	230 V	1.4 HP	5 AMPS	2 KW	240'	560'	910'	1430'	2260'	3520'
1	460 V	1.4 HP	3 AMPS	2 KW	1020'	2300'	3670'	5770'	9070'	-
2	208 V	2.5 HP	9 AMPS	3 KW	90'	240'	390'	610'	970'	1520'
2	230 V	2.5 HP	9 AMPS	3 KW	150'	320'	510'	810'	1280'	2010'
2	460 V	2.5 HP	5 AMPS	3 KW	575'	1300'	2070'	3270'	5150'	8050'
2	575 V	2.5 HP	4 AMPS	3 KW	900'	2030'	3250'	5110'	8060'	-
3	208 V	3.5 HP	13 AMPS	4 KW	-	180'	290'	470'	740'	1160'
3	230 V	3.5 HP	12 AMPS	4 KW	-	240'	390'	620'	990'	1540'
3	460 V	3.5 HP	7 AMPS	4 KW	400'	1000'	1600'	2520'	3970'	6200'
3	575 V	3.5 HP	5 AMPS	4 KW	675'	1580'	2530'	3980'	6270'	-
5	208 V	5.8 HP	21 AMPS	6 KW	-	-	170'	280'	440'	690'
5	230 V	5.8 HP	20 AMPS	6 KW	-	-	230'	370'	590'	920'
5	460 V	5.8 HP	11 AMPS	6 KW	-	590'	950'	1500'	2360'	3700'
5	575 V	5.8 HP	8 AMPS	6 KW	400'	920'	1480'	2330'	3680'	5750'
7.5	208 V	8.6 HP	31 AMPS	9 KW	-	-	-	-	310'	490'
7.5	230 V	8.6 HP	26 AMPS	9 KW	-	-	-	-	420'	650'
7.5	460 V	8.6 HP	14 AMPS	9 KW	-	420'	680'	1070'	1690'	2640'
7.5	575 V	8.6 HP	11 AMPS	9 KW	-	660'	1060'	1680'	2650'	4150'

Looking for Lighting Cables?
page 274 for Lighting Cables

ELECTRICAL

60Hz Motor Cables

FUSION SERIES AND HAVASU WATERFALL
TITAN SERIES AND TITAN STATIONARY SERIES
YOSEMITE WATERFALLS

60 Hz - SINGLE PHASE - 3 WIRE

MOTOR					MAXIMUM COPPER CABLE					
Nominal		Service Factor			in feet per American Wire Gauge (AWG)					
HP	VOLTS	HP	AMPS	KW	#16	#14	#12	#10	#8	#6
0.5	115 V	0.8 HP	10 AMPS	1 KW	-	125'	200'	-	-	-
1	115 V	1.4 HP	14 AMPS	1.5 KW	-	75'	125'	200'	-	-
1.5	115 V	2.0 HP	19 AMPS	2.3 KW	-	50'	75'	150'	200'	-
2.0	230 V	2.5 HP	11 AMPS	2.6 KW	-	150'	200'	-	-	-

60 Hz - SINGLE AND THREE PHASE - 4 WIRE

MOTOR					MAXIMUM COPPER CABLE							
Nominal			Service Factor		in feet per American Wire Gauge (AWG)							
HP	VOLTS	PHASE	AMPS	KW	#14	#12	#10	#8	#6	#4	#2	#1/0
7.5	230 V	1	42 AMPS	8 KW	-	-	-	-	310'	490'	750'	1140'
7.5	208 V	3	28 AMPS	8 KW	-	-	-	310'	490'	770'	1180'	1770'
7.5	230 V	3	26 AMPS	8 KW	-	-	-	420'	650'	1020'	1560'	2340'
7.5	460 V	3	13 AMPS	8 KW	420'	680'	1070'	1690'	2640'	4100'	6260'	-
7.5	575 V	3	11 AMPS	8 KW	660'	1060'	1680'	2650'	4150'	5500'	8730'	-
10	230 V	1	51 AMPS	11 KW	-	-	-	-	-	390'	600'	930'
10	208 V	3	37 AMPS	11 KW	-	-	-	-	370'	570'	880'	1330'
10	230 V	3	34 AMPS	11 KW	-	-	-	310'	490'	760'	1170'	1760'
10	460 V	3	17 AMPS	11 KW	-	500'	790'	1250'	1960'	3050'	4680'	7050'
10	575 V	3	14 AMPS	11 KW	490'	780'	1240'	1950'	3060'	4470'	-	-
15	230 V	1	75 AMPS	16 KW	-	-	-	-	-	-	430'	660'
15	208 V	3	54 AMPS	16 KW	-	-	-	-	-	390	600	910
15	230 V	3	49 AMPS	16 KW	-	-	-	-	-	520	800	1200
15	460 V	3	25 AMPS	16 KW	-	-	540'	850'	1340'	2090'	3200'	4810'
15	575 V	3	20 AMPS	16 KW	-	530'	850'	1340'	2090'	3260'	-	-
20	208 V	3	70 AMPS	21 KW	-	-	-	-	-	-	460'	700'
20	460 V	3	33 AMPS	21 KW	-	-	-	650'	1030'	1610'	2470'	3730'
20	575 V	3	26 AMPS	21 KW	-	-	650'	1030'	1610'	2520'	3860'	5830'
20	230 V	3	66 AMPS	21 KW	-	-	-	-	-	400'	610'	930'
25	208 V	3	87 AMPS	26 KW	-	-	-	-	-	-	-	570'
25	230 V	3	82 AMPS	26 KW	-	-	-	-	-	-	500'	750'
25	460 V	3	41 AMPS	26 KW	-	-	-	-	830'	1300'	1990'	3010'
25	575 V	3	33 AMPS	26 KW	-	-	-	830'	1300'	2030'	3110'	4710'
30	208 V	3	104 AMPS	31 KW	-	-	-	-	-	-	-	470'
30	230 V	3	93 AMPS	31 KW	-	-	-	-	-	-	-	620
30	460 V	3	47 AMPS	31 KW	-	-	-	-	680'	1070'	1640'	2490'
30	575 V	3	37 AMPS	31 KW	-	-	-	-	1070'	1670'	2560'	3880'
40	460 V	3	64 AMPS	42 KW	-	-	-	-	-	-	1210'	1830'
40	575 V	3	51 AMPS	42 KW	-	-	-	-	-	1240'	1900'	2860'

ELECTRICAL

50Hz Motor Cables Chart

SELECT SERIES AND SELECT SERIES 2
ANGEL, NIAGARA, AND NIAGARA II WATERFALLS
STATIONARY SERIES AND BOTTOM CIRCULATORS

50 Hz - 230V SINGLE PHASE - 3 WIRE

MOTOR FULL LOAD				MAXIMUM COPPER CABLE in meter per sq mm / (ft per AWG)					
HP	VOLTS	AMPS	KW	1,5 (#16)	2,5 (#14)	4 (#12)	6 (#10)	10 (#8)	16 (#6)
0.5	230 V	4 AMPS	0,37 KW	120M (275')	210M (580')	330M (940')	500M (1500')	820M (2310')	1290M (3600')
1	230 V	6 AMPS	0,75 KW	60M (175')	110M (310')	180M (500')	270M (800')	440M (1240')	690M (1940')
2	230 V	11 AMPS	1,5 KW	-	60M (170')	100M (280')	150M (450')	250M (710')	400M (120')

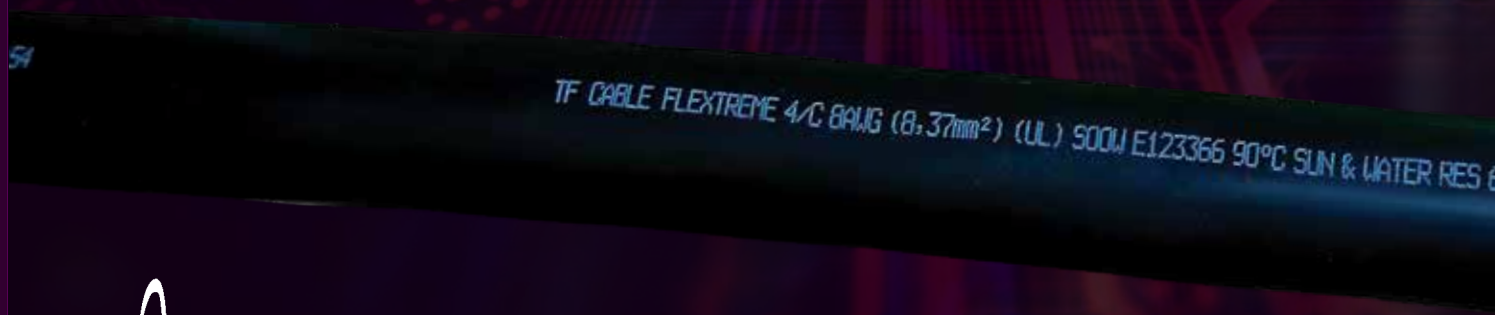
50 Hz - 230V SINGLE PHASE - 4 WIRE

MOTOR FULL LOAD				MAXIMUM COPPER CABLE in meter per sq mm / (ft per AWG)					
HP	VOLTS	AMPS	KW	1.5 (#16)	2.5 (#14)	4 (#12)	6 (#10)	10 (#8)	16 (#6)
3	230 V	15 AMPS	2,2 KW	-	40M (110')	60M (190')	100M (300')	170M (470')	270M (750')
5	230 V	22 AMPS	3,7 KW	-	-	40M (N/A)	60M (N/A)	110M (300')	170M (480')

50 Hz - 400V THREE PHASE - 4 WIRE

MOTOR FULL LOAD				MAXIMUM COPPER CABLE in meter per sq mm / (ft per AWG)					
HP	VOLTS	AMPS	KW	1.5 (#16)	2.5 (#14)	4 (#12)	6 (#10)	10 (#8)	16 (#6)
1	400 V	3 AMPS	0,75 KW	490M (700')	820M (2260')	1300M (3640')	1950M (5780')	3200M (8920')	5020M (9990')
2	400 V	5 AMPS	1,5 KW	260M (425')	430M (1210')	700M (1940')	1040M (3090')	1720M (4790')	2700M (7500')
3	400 V	6 AMPS	2,2 KW	170M (350')	290M (800')	460M (1300')	700M (2060')	1150M (3210')	1800M (5000')
5	400 V	10 AMPS	3,7 KW	-	170M (470')	270M (770')	410M (1220')	680M (1910')	1080M (3000')
7.5	400 V	13 AMPS	5,5 KW	-	110M (320')	190M (520')	280M (840')	470M (1310')	740M (2060')

Cables supplied by Aqua Control are America Wire Gauge (AWG) cables, not square millimeter cables.
N/A = Not Available in AWG Cable



Looking for Lighting Cables?
page 274 for Lighting Cables

ELECTRICAL

50Hz Motor Cables Chart

FUSION SERIES AND HAVASU WATERFALL
TITAN SERIES AND TITAN STATIONARY SERIES
YOSEMITE WATERFALLS

50 Hz - 230V SINGLE PHASE - 3 WIRE

MOTOR FULL LOAD				MAXIMUM COPPER CABLE in meter per sq mm / (ft per AWG)					
HP	VOLTS	AMPS	KW	1,5 (#16)	2,5 (#14)	4 (#12)	6 (#10)	10 (#8)	16 (#6)
0.5	230 V	5 AMPS	0,37 KW	60M (200')	-	-	-	-	-
1	230 V	7 AMPS	0,75 KW	53M (175')	60M (200')	-	-	-	-
1.5	230 V	8 AMPS	1,1 KW	-	60M (200')	-	-	-	-
2.0	230 V	10 AMPS	1,5 KW	-	45M (150')	60M (200')	-	-	-

50 Hz - THREE PHASE - 4 WIRE

MOTOR FULL LOAD				MAXIMUM COPPER CABLE in meter per sq mm / (ft per AWG)					
HP	VOLTS	AMPS	KW	2,5 (#14)	4 (#12)	6 (#10)	10 (#8)	16 (#6)	25 (#4)
7.5	400 V	13 AMPS	5,5 KW	110M (320')	190M (520')	280M (840')	470M (1310')	740M (2060')	1140M (3230')
10	400 V	17 AMPS	7,5 KW	80M (N/A)	130M (370')	200M (600')	330M (930')	530M (1470')	810M (2300')
15	400 V	24 AMPS	11 KW	60M (N/A)	90M (N/A)	140M (430')	240M (680')	380M (1070')	590M (1690')
20	400 V	32 AMPS	15 KW	-	70M (N/A)	110M (N/A)	180M (520')	290M (820')	450M (1290')
25	400 V	40 AMPS	18,5 KW	-	-	80M (N/A)	140M (N/A)	230M (640')	350M (1010')
30	400 V	47 AMPS	22 KW	-	-	-	120M (N/A)	190M (N/A)	300M (860')
40	400 V	64 AMPS	30 KW	-	-	-	-	140M (N/A)	220M (640')

Cables supplied by Aqua Control are America Wire Gauge (AWG) cables, not square millimeter cables.
N/A = Not Available in AWG Cable



Basic Equipment Details



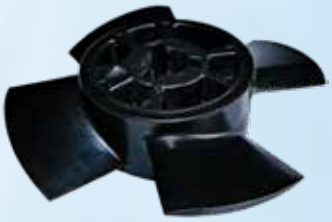
Nozzle

Assemblies are made of a powder coated aircraft grade aluminum alloy base. Nozzle tubes are made with UV resistant PVC or bronze. These materials have all been carefully selected and engineered to maximize equipment life.



Floats

One-piece floats are molded of high strength polyethylene. They are impact, UV and chemical resistant. Some are closed-cell, urethane foam filled and do not require assembly or water for balancing. Evolution and Fusion floats are hollow.



Display Aerator Pumps (Select Series 2)

Display Aerator Pumps (Select Series 2) are axial flow pumps using a propeller designed to pump large amounts of water at moderate pressure. These pumps are composed of high strength composite materials.



Fountain Pumps (Select Series)

Fountain Pumps (Select Series) are centrifugal flow pumps using an impeller and diffuser designed to create high pressure at low flow rates. These pumps consist of machined bronze components.



Suction Screen

Suction Screens are made of high strength composite material and are non collapsible. Raised ridges are specifically engineered for durability and ease of cleaning. The openings are sized to prevent debris from damaging the pump and plugging nozzle tubes.

External Transformers

Boost Transformer - Single Phase

Changes single phase 208V to 220V, used where voltage is less than 208V or long cable lines reduce voltage excessively.

Description	kVA rating
0.5 HP through 5 HP, without lights	0.5 kVA
0.5 HP through 2 HP with up to 2000W of 1 set of lights	0.5 kVA
0.5 HP through 2 HP with up to 4000W of 2 sets of lights using 4 wire light cable	0.5 kVA
3 HP through 5 HP with up to 2000W of 1 set of lights	0.75 kVA
3 HP through 5 HP with up to 4000W of 2 sets of lights using 4 wire light cable	0.75 kVA
7.5 HP up to 2 sets of lights	1.0 kVA
10 HP through 15 HP up to 2 sets of lights	1.5 kVA

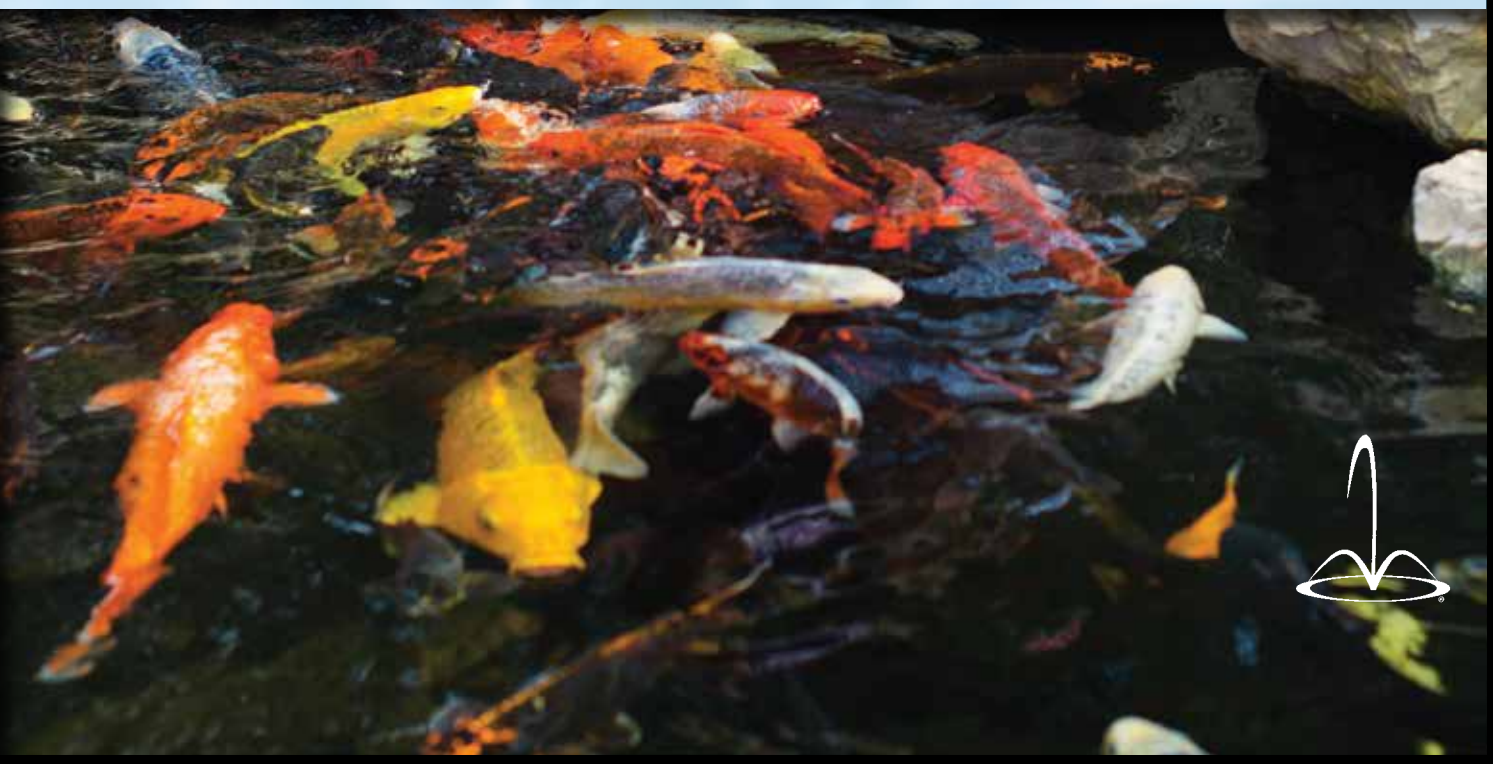
Boost transformers are used for boosting low 208V single phase to 220V to insure adequate motor voltage.

Light Transformer

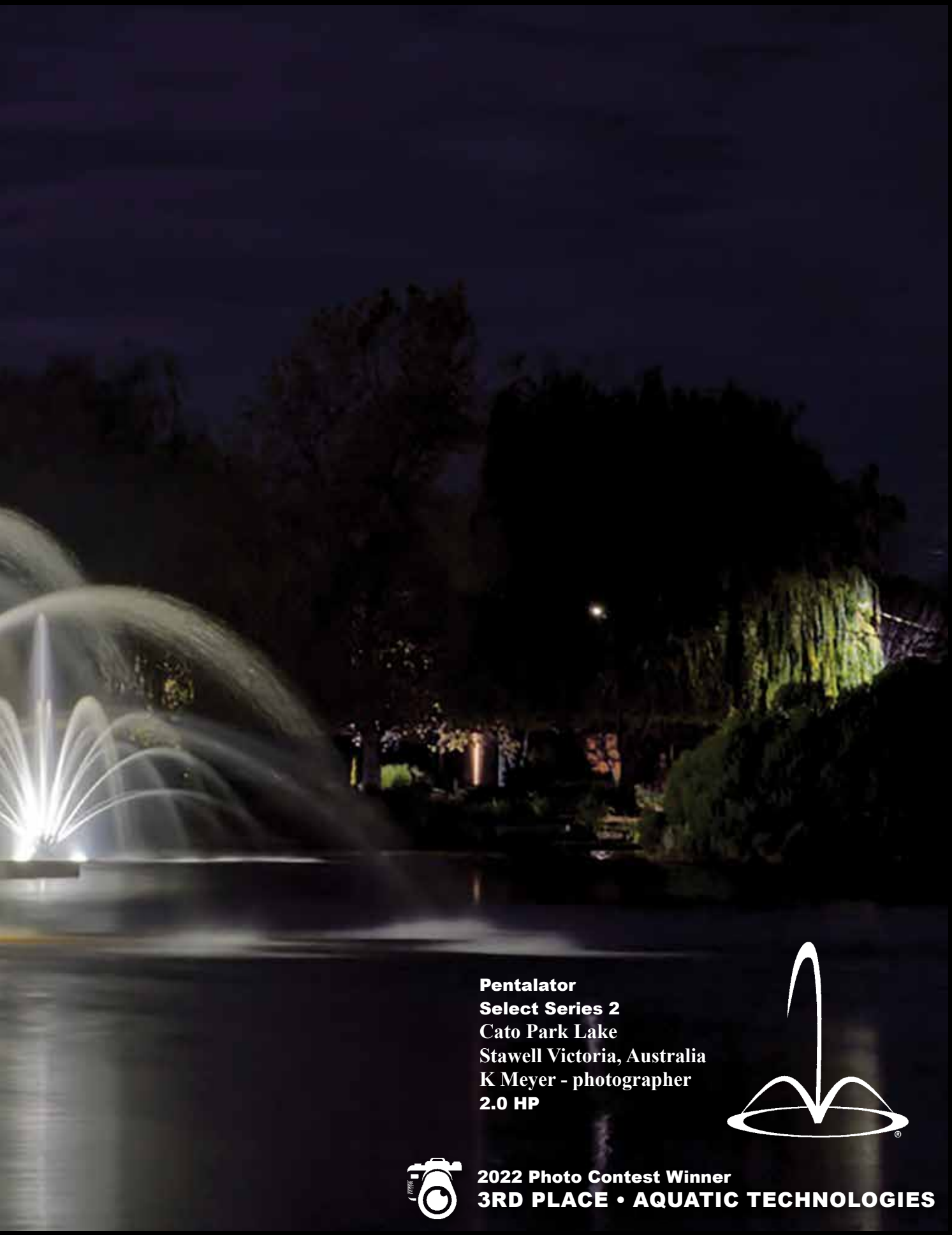
Changes 480V to 120/240V to power lights where 120/240V is not available. 240V is automatically available with these single phase transformers. Four wire light cable can be used with 2 or 4 sets of lights. One, two, three or four 3 wire light cables can be used.

Max Total Light Wattage	500 W	1000 W	2000 W	3000 W	5000 W	6000 W	8000 W
kVA Rating	0.5 kVA	1.0 kVA	2.0 kVA	3.0 kVA	5.0 kVA	7.5 kVA	10 kVA

Light transformers may be required to provide 120V or 120/240V for light operation with 480V power. External transformers are never inside the control panel.







Pentalator
Select Series 2
Cato Park Lake
Stawell Victoria, Australia
K Meyer - photographer
2.0 HP

2022 Photo Contest Winner
3RD PLACE • AQUATIC TECHNOLOGIES

GO TO AQUACONTROL.COM TO SEE A VIDEO



Crown Gusher
Select Series 2
Southlake • Texas
2.0 HP

2022 Photo Contest Winner
3RD PLACE • LONE STAR



GO TO AQUACONTROL.COM TO SEE A VIDEO


Aqua Doc Lake & Pond Management • **Ohio**


Fountain Works • **Ireland**


Lone Star Fountains
Texas


Aquatic Technologies • **Australia**

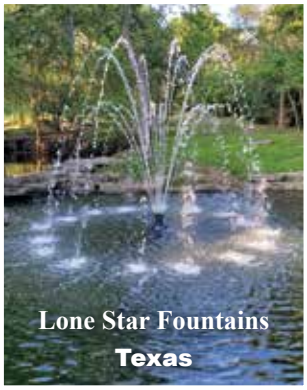

Lone Star Fountains • **Texas**


Lone Star Fountains • **Texas**


Lone Star Fountains • **Texas**


Globen Co. Ltd. • **Japan**


Aquatic Technologies • **Australia**


Lone Star Fountains
Texas


Lone Star Fountains • **Texas**

HONORABLE MENTIONS


Globen Co. Ltd. • **Japan**

Photo Contest
HONORABLE MENTIONS


Lone Star Fountains • **Texas**


Universal Equipment
Puerto Rico


Lone Star Fountains
Texas


Water Supply Products
New Zealand


The Lake Doctors, inc. • **Florida**


WP Law inc.
South Carolina


North Florida Irrigation
Florida


Lone Star Fountains • **Texas**


Lone Star Fountains • **Texas**

HONORABLE MENTIONS

Configurations

Select Series

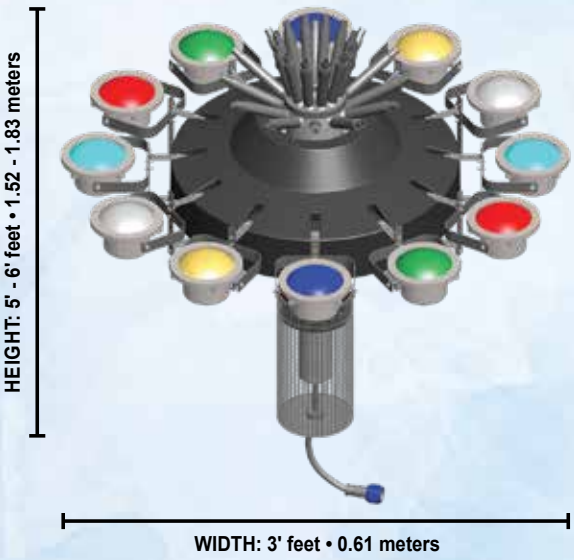
A pallet for an assembled Horizontal Configuration, regardless of horsepower, is 72”L x 48”W x 39”H (1.83m x 1.22m x 1.00m). Lights, control panel, cords and nozzle all fit on the pallet in most circumstances.

The Vertical Configuration is usually shipped unassembled. This is in addition to the separate boxes containing the nozzle, control panel, cords and each light set.

When the Vertical Configuration is shipped assembled, it uses a pallet 72”L x 48”W x 39”H (1.83m x 1.22m x 1.00m) regardless of horsepower. Lights, control panel, cords, and nozzle can all fit on the pallet in most circumstances.

All assembled products, Horizontal or Vertical, ship freight. All shipments are FOB Spring Valley, Illinois.

VERTICAL CONFIGURATION
(dimensions without lights)



HORIZONTAL CONFIGURATION
(dimensions without lights)

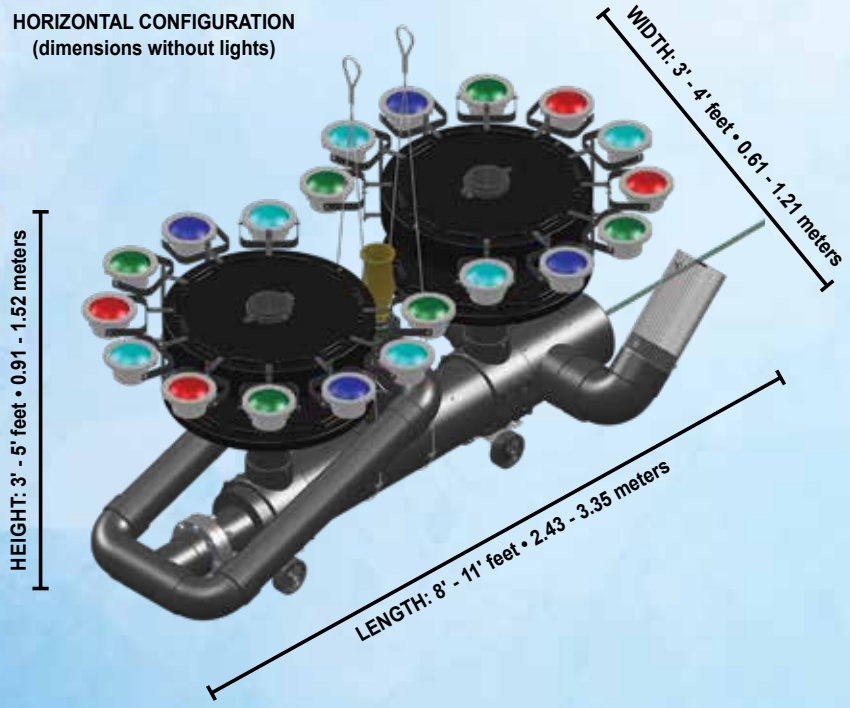


Titan Series

Titan Fountains weigh from 500-1500 lbs. It may be desirable to use a crane during installation and removal from the water.

The Fountain is shipped assembled on one large pallet, approximately 10 ft. long by 4 ft. wide. The control panel, lights and cords are sometimes shipped on separate pallets.

HORIZONTAL CONFIGURATION
(dimensions without lights)





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Glossary

aeration: saturation of a fluid with air or a gas.

AWG: American Wire Gauge, is a common standard for the diameter of electrical wire, mostly used in North America as a non-metric gauge.

amps: the basic unit of electrical current

anemometer: an instrument for measuring the speed of wind.

basin: a circular container with a greater width than depth, used chiefly to hold water or other liquid.

bowl: typically a round container open at the top, used for holding liquid.

bowl fountain: fountain display installed in a bowl or basin.

bracket: a metal support to secure an Aqua Control® pump or other Aqua Control® elements.

compressor: a pump that compresses a gas.

control panel: enclosure used to house all electronics used for all Aqua Control® applications. Comes in a variety of sizes for a variety of uses.

CE Rating: a mark designating that a product meets safety, health, and environmental protection standards.

dancing fountain: animated water features with a unique display that are timed to music and lights.

diffuser: tube or disc shaped aeration device used to transfer oxygen to stagnant water by emitting tiny air bubbles that move the water.

DIN rail: a metal rail used for mounting circuit breakers and Aqua Control® control equipment.

display aerator: an axial flow pump using a propeller designed to produce large amounts of water. This pump produces large water volume but with lower pressure.

GFCI: Ground Fault Circuit Interrupter (GFCI) is a device that detects very small imbalances in the electrical circuit caused by leakage to ground and shuts off the power. It is designed to protect from shock or electrocution from leaking currents.

GPM: Gallons Per Minute, a measurement of water pumping rate.

float: a device that keeps an Aqua Control® pump and motor assembly from sinking.

flow rate: the measure of the volume of liquid that moves in a certain amount of time.

foot: 12" inches, 0.3048 meters *(symbol ').*

fountain: a centrifugal flow pump designed to create higher pressures than a display aerator, but at lower flow rates. It has an impeller and diffuser.

Hertz (Hz): 60 Hz and 50 Hz specify the frequency of alternating current in cycles per second. 60 Hz is used in North America and either 50 Hz or 60 Hz is used elsewhere.

horsepower: a unit of power, equivalent to 550 foot-pounds per second, or 745.7 watts.

impeller: a device that pumps water, typically at higher pressure and low volumes.

inch: 25.4 millimeters, 0.0254 meters *(symbol ").*

KVA: a rating for transformer power capacity that is equal to volts times amps divided by 1000.

KW: a unit of electrical power equal to 1000 watts.

LED: light-emitting diode. A semiconductor diode that emits light when conducting current and is used in electronic displays, indoor and outdoor lighting.

M3/H: Cubic Meters per Hour, a metric measurement of water pumping rate.

meter: 39.37" inches.

mount: sturdy bracket designed to hold pump(s) needed for desired application.

NEMA: The National Electrical Manufacturers Association defines standards used in North America for various grades of electrical enclosures. Each is rated to protect against personal access to hazardous parts, and additional type-dependent designated environmental conditions.

NEMA 3R: electrical enclosure for Aqua Control® Evolution and some Fusion series'. Can operate even when the box is laden with ice.

NEMA 4X: an enclosure for an electrical control panel or junction box that meets standards for protection of equipment due to the ingress of water (including rain and hose - directed water) and an additional level of protection again corrosion.

nozzle: a device that creates a high velocity stream of water.

pondless design: waterfall water flows into a submerged tank with a pump inside that is covered with a grate. Gravel is placed over the grate so you don't see the grate.

propeller: a device that pumps at high volume and low pressure.

single phase power: single phase power uses 1 “hot” line and a neutral to create common 120v power. Two “hot” lines create 240v power (sometimes called two phase), and 2 “hot” lines and a neutral create 120/240v power.

RGB: means red, green and blue.

RGB LED's: red, green and blue LEDs can produce over 16 million hues of light.

self-weighted air tubing: high quality tubing for moving air to your aeration system.

solid pad: usually concrete, hard surface for pump to sit on. The solid pad has to be big enough so pad doesn't sink into bottom.

spray pattern: the style of the final presentation a fountain or display aerator exhibits.

stationary fountain: fountain or display aerator installed on a sturdy grounded mount as opposed to being mounted on a floating mount.

sequencing: one or more light sets are wired to illuminate for a specific time in a specific order.

suction screen: device that keeps debris from entering the Aqua Control® pump.

thermal stratification: an upper layer of water is warmed by surface heating and the lowest layer has much colder water, separated by a layer called the thermocline, which keeps the bottom and top layer from mixing. This causes toxic materials to get stuck at the bottom of your lake or pond.

thermocline: a layer of water in a lake or pond, where the temperature gradient is greater than that of the warmer layer above and the colder layer below.

three phase power: three phase power has 3 “hot” lines and is used to power 3-phase motors.

transformer: a device to change voltage.

VFD: Variable Frequency Drive, a type of motor controller that drives an electric motor by varying the frequency and voltage of its power supply.

voltage: voltage is the force on a wire that drives current (amps) to flow in a wire. Typical 60 Hz voltages are 120, 208, 230 single phase and 208, 230, 460, 575 three phase. Typical 50 Hz voltages are 230 single phase and 400 three phase.

volume: the amount of space, measured in cubic units, that a liquid or substance occupies.

water wall: water pumps to the top of a wall then is pushed over the wall creating a wall of water.

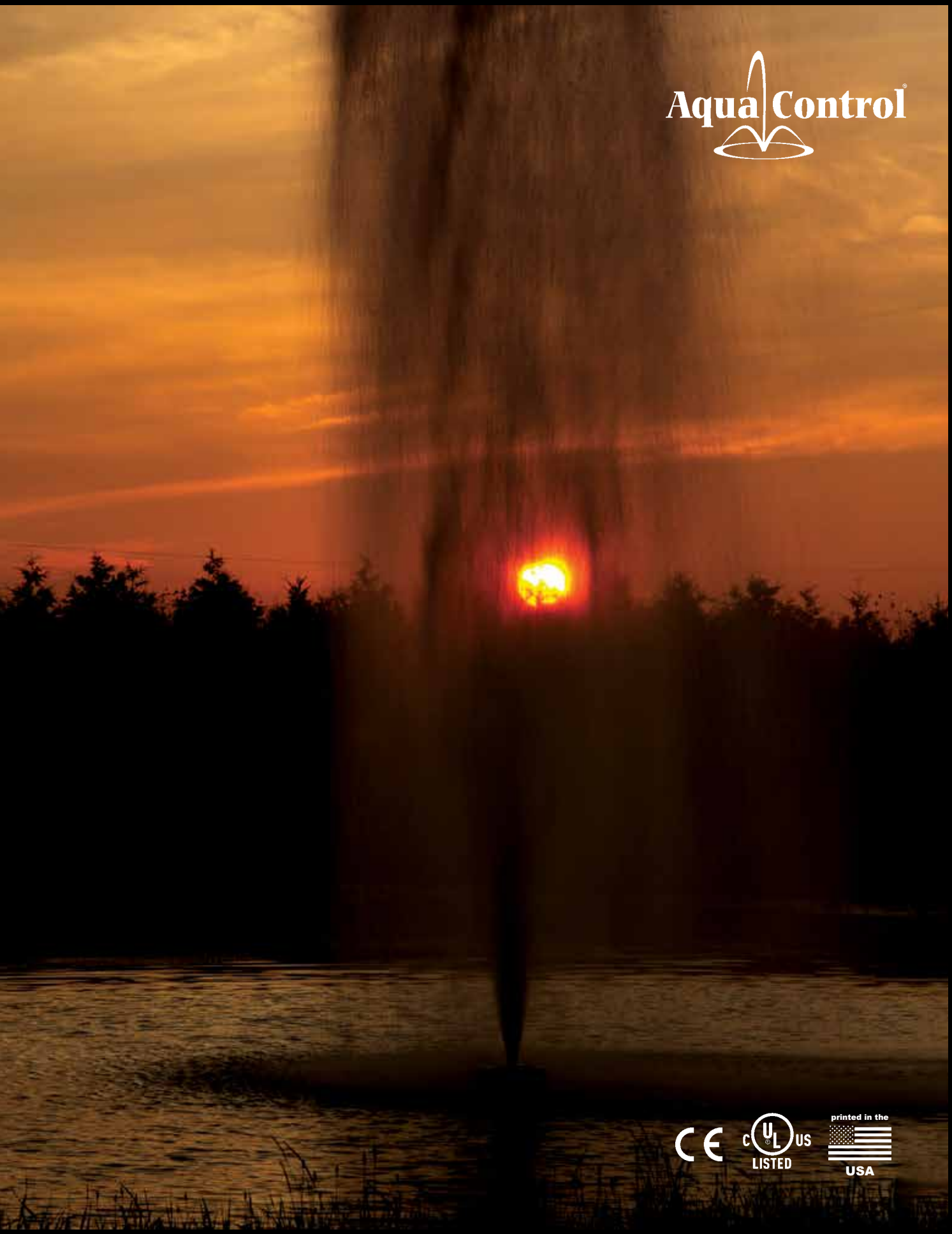
water level sensor: device to sense the water level, and can be used to fill a bowl or turn a pump on or off.

waterfall: moving water artistically with multiple methods such as wet wells, on solid pads, on pond bottoms, or pondless designs with custom built pumps ranging from 0.5HP - 40HP.

watt: the standard unit of power equivalent to one joule per second and equal to the power in a circuit in which a current of one ampere flows across a potential difference of one volt.

wet well: a tank sunk into lake where a pump can be securely installed or attached.

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