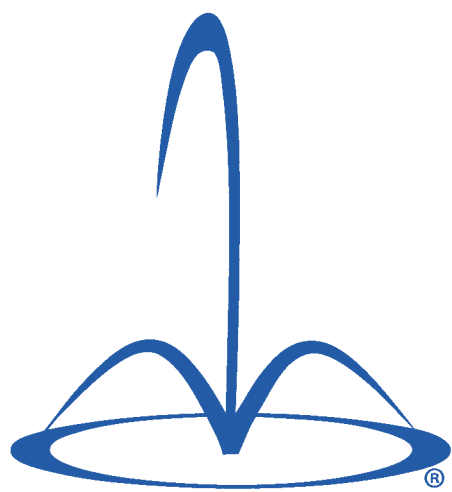






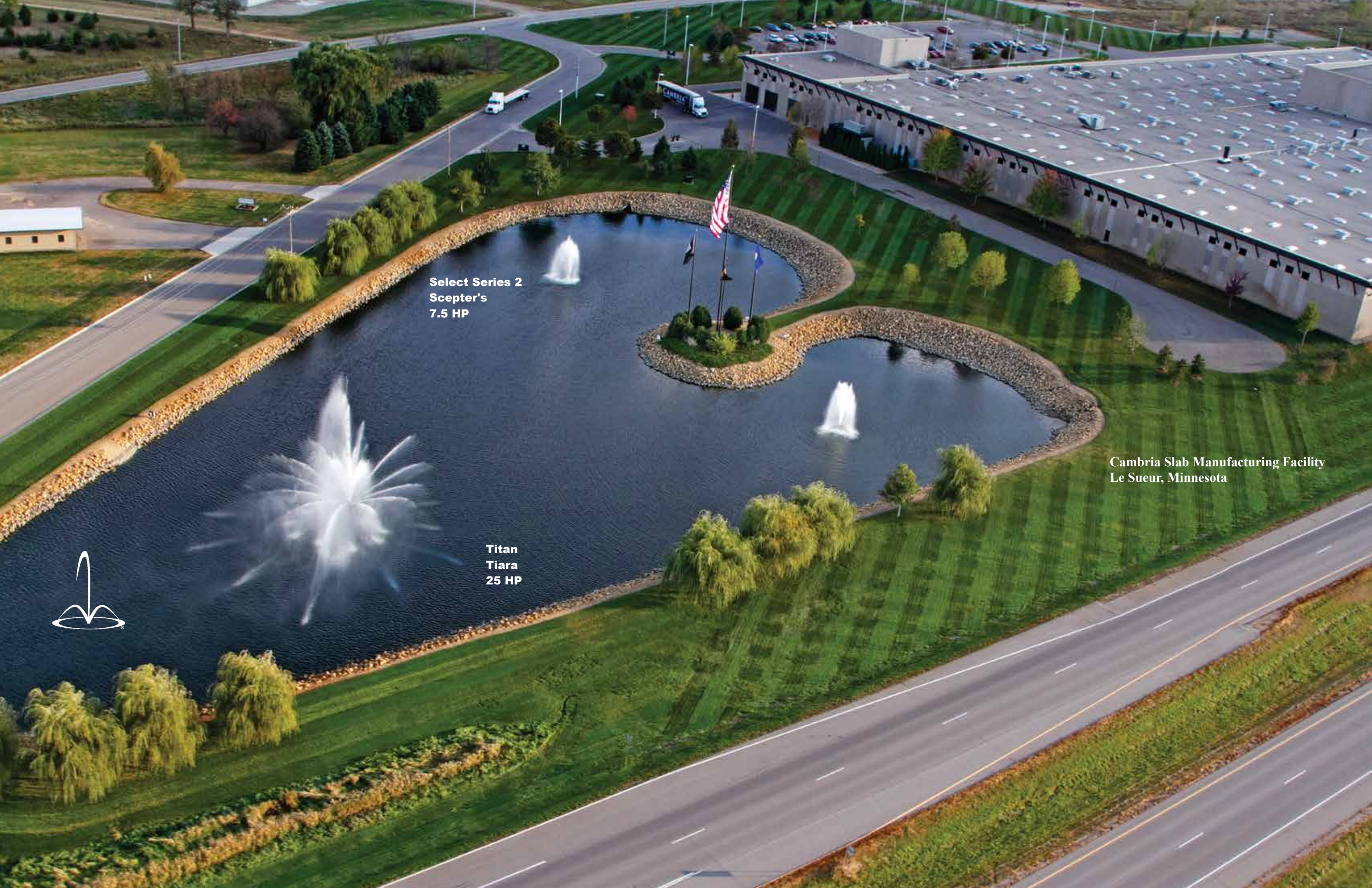
Lily
Tustin Ranch Golf Club
Tustin • California
5 HP





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 2.0 HP Aerating Fountains with multiple patterns at high flow rates. Some patterns can twist. An amazing site day or night.	
Cluster Arch	38
Cluster Arch Twisting	40
Daffodil (no twist option)	42
Delmar (no twist option)	44
Double Arch	46
Double Arch Twisting	48
Double Arch Lily	50
Double Arch Lily Twisting	52
Flare (no twist option)	54
Lily	56
Lily Twisting	58
Pentalator (no twist option)	60
Quad	62
Quad Twisting	64
Spider & Arch	66
Spider & Arch Twisting	68
Super Lily	70
Super Lily Twisting	72
Tiara (no twist option)	74
Tornado (no twist option)	76
Trillium (no twist option)	78
Weeping Willow	80
Weeping Willow Twisting	82
Fusion Basin	84
Fusion 60Hz Specification Chart	90
Fusion 50Hz Specification Chart	92

Select Series 2 (Display Aerators)	94
High performance display aerators, engineered to offer the largest display patterns in the industry. High pumping rates from 1.0HP to 7.5HP.	
Cluster Arch	96
Crown Gusher	98
Daffodil	100
Delmar	102
Double Arch	104
Falling Waters	106
Lily	108
Pentalator	110
Quad	112
Scepter	114
Spider & Arch	116
Super Lily	118
Tornado	120
Torrent	122
Trillium	124
Triple Tier	126
Weeping Willow	128
Select Series 2 (Display Aerators) 60Hz Specification Chart	130
Select Series 2 (Display Aerators) 50Hz Specification Chart	132
Select Series (Fountains)	134
Beautiful high, defined spray patterns. Pumps designed for high pressure and low flow rates. A wide range of options from 1.0HP to 5.0HP, that fit your home or business.	
Buckingham	136
Cascade	138
Fleur de Lis	140
Full Geyser	142
Majestic	144
Sky Geyser	146
Spoke & Trellis	148
Tiara	150
Trellis	152
Trellis & Sky Geyser	154
Select Series (Fountains) 60Hz Specification Chart	156
Select Series (Fountains) 50Hz Specification Chart	157
Combo Series	158
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 pattern.	
Buckingham	160
Cluster Arch & Sky Geyser	162
Daffodil	164
Double Arch & Sky Geyser	166
Fleur de Lis	168
Spider & Arch & Sky Geyser	170
Spoke & Sky Geyser	172
Tiara	174
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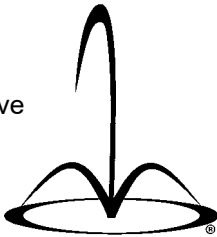


Titan Series	182
Superior components creating massive 7.5HP to 40HP displays, the mighty Titan is perfect for your large scale project(s) that demand a maximum visual impact. These high horsepower fountains are powerful and produce awe-inspiring displays.	
Buckingham	184
Cascade	186
Daffodil	188
Double Trellis	190
Flare & Sky Geyser	192
Fleur de Lis	194
Geyser	196
Lily	198
Majestic	200
Quad	202
Scepter	204
Sky Geyser	206
Spoke & Sky Geyser	208
Spoke & Trellis	210
Tiara	212
Trellis	214
Trellis & Sky Geyser	216
Titan Series 60Hz Specification Chart	218
Titan Series 50Hz Specification Chart	220
Waterfall Pump Systems	222
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.	
Havasu System	226
Angel System	228
Niagara System	230
Niagara 2 System	232
Yosemite System	234
Waterfall Systems Specifications	236
Waterfall Systems Curves	237
Stationary Series	238
Bowl Fountains, Stationary Fountains and/or Display Aerators for use in man-made basins with solid bottoms.	
Bowl Fountains	240
Stationary Aerators and Fountains	246
Anatomy of a Water Basin / Bowl	248
Custom Fountains	250
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.	
Personalized Bowl or Basin	252
Custom Lake or Pond Fountains or Display Aerators	254
Water Walls Fountains or Display Aerators	255
Dancing Fountains	256

Pond and Lake Aeration Products	262
Aeration that improves water quality without producing a surface display for a wide variety of water bodies.	
AirPRO™ Pond or Lake Aeration Systems and Specifications	264
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Shallow Pond Aeration	266
Shallow Pond Aeration and Specifications	267
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Pond Bottom Circulator and Specifications	269
Lighting Features	270
You can produce any color. Premium lighting to fit any submersible application.	
3 Watt LED's, 9 Watt LED's, 30 Watt LED's, 80 Watt LED's, 36 Watt RGB LED's and Remote Control	271
Lighting Preferences	273
60 Hz LED Lighting Cables	274
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Electrical	276
Control panels for all Aqua Control® applications, also sold separately. Water controls, wind controls, variable frequency drive, photo cell, digital timer and a healthy variety of cable in different gauges.	
Evolution Series Control Panel 0.5HP	277
Fusion Series Control Panel 0.5HP - 1HP	277
Fusion Series Control Panel 1.5HP - 2HP	277
Standard Control Panel	277
Select Series Control Panel 1HP - 5HP	277
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Combo Control Panel 3.0HP And 5HP	277
Titan Control Panel 7.5HP - 40HP	277
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Control Panel Options	279
60Hz Motor Cables	280
50Hz Motor Cables	282
Basic Equipment Details	284
External Transformers	285
Configurations	292
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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.

Aqua Control Inc.
6A Wolfer Industrial Drive
Spring Valley, IL 61362



Aqua Control® has a mission:

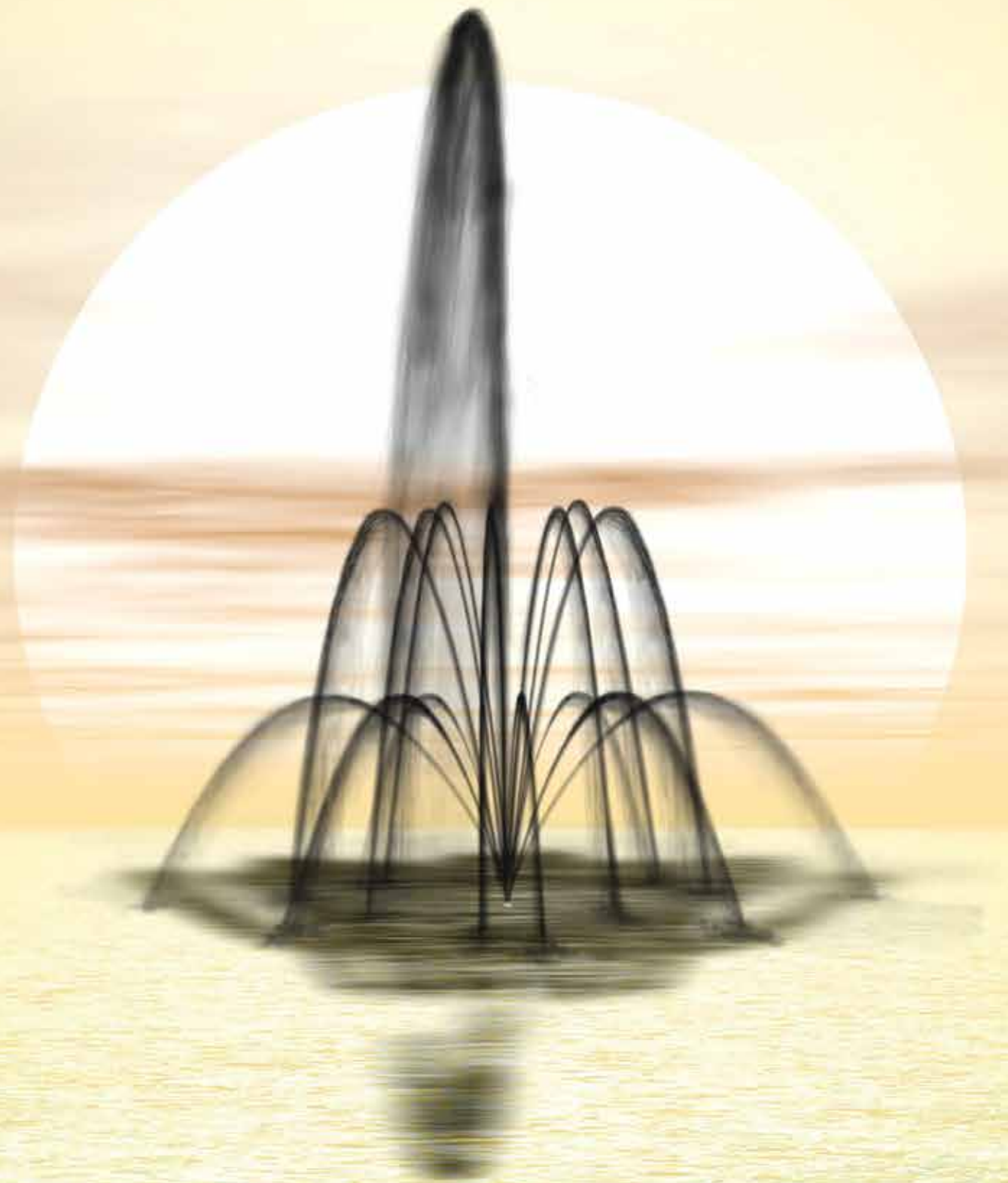
to provide the world with the greatest fountains and display aerators, along with amazing customer service and technical support.

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.





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





60Hz:
6' Height x 21' Diameter

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

ARUM by night

0.5 HP

EVOLUTION Series

EVOLUTION Series

ARUM

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



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

EVOLUTION Series

EVOLUTION Series

FLEUR DE LIS

0.5 HP



60Hz:
6' Height x 8' Diameter

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

METRO by night

METRO

0.5 HP

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

EVOLUTION Series

EVOLUTION Series

SPIDER & ARCH

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



EVOLUTION Series

EVOLUTION Series

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

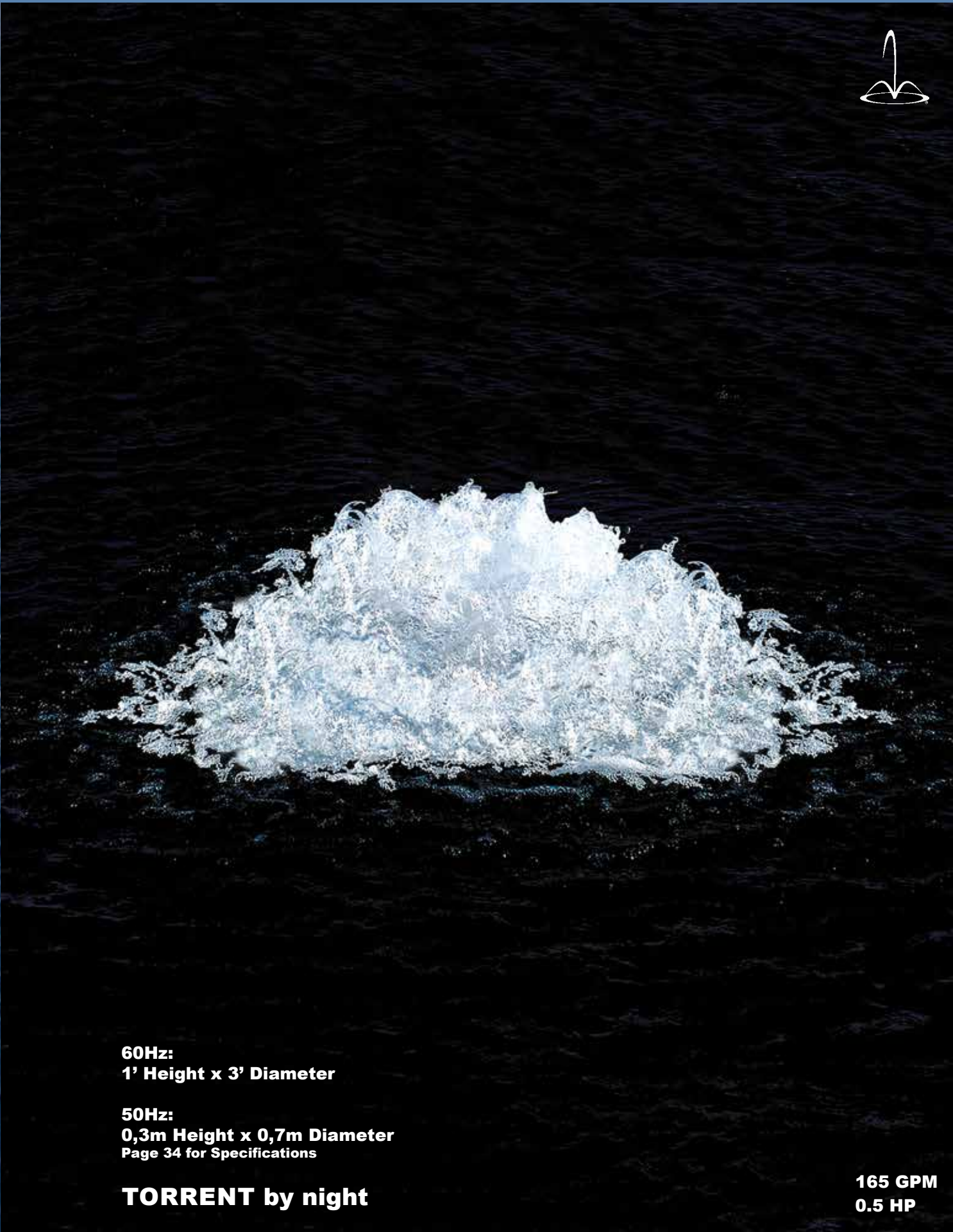
134 GPM
0.5 HP

EVOLUTION Series



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

EVOLUTION Series



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



GUSHER 2
by night

GUSHER 4
by night

GUSHER 6
by night

STATIONARY EVOLUTION SERIES



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

ARUM PAGE 16

HEIGHT ^(feet)	6'
DIAMETER ^(feet)	21'
VERTICAL DEPTH ^(inches)	20"

CLUSTER ARCH PAGE 18

HEIGHT ^(feet)	6'
DIAMETER ^(feet)	16'
VERTICAL DEPTH ^(inches)	20"

FLEUR DE LIS PAGE 20

HEIGHT ^(feet)	7'
DIAMETER ^(feet)	18'
VERTICAL DEPTH ^(inches)	20"

GUSHER 2 STATIONARY ONLY PAGE 32

HEIGHT ^(feet)	2'
DIAMETER ^(feet)	2'
VERTICAL DEPTH ^(inches)	20"

GUSHER 4 STATIONARY ONLY PAGE 32

HEIGHT ^(feet)	4'
DIAMETER ^(feet)	3'
VERTICAL DEPTH ^(inches)	20"

GUSHER 6 STATIONARY ONLY PAGE 32

HEIGHT ^(feet)	6'
DIAMETER ^(feet)	4'
VERTICAL DEPTH ^(inches)	20"

METRO PAGE 22

HEIGHT ^(feet)	6'
DIAMETER ^(feet)	8'
VERTICAL DEPTH ^(inches)	20"

SPIDER & ARCH PAGE 24

HEIGHT ^(feet)	5.5'
DIAMETER ^(feet)	18'
VERTICAL DEPTH ^(inches)	20"

TIARA PAGE 26

HEIGHT ^(feet)	7'
DIAMETER ^(feet)	15'
VERTICAL DEPTH ^(inches)	20"

TORNADO PAGE 28

HEIGHT ^(feet)	6'
DIAMETER ^(feet)	15'
VERTICAL DEPTH ^(inches)	20"

TORRENT PAGE 30

HEIGHT ^(feet)	1'
DIAMETER ^(feet)	3'
VERTICAL DEPTH ^(inches)	20"

International 50Hz - .375 KW

ARUM PAGE 16

HEIGHT ^m	1,4 ^m
DIAMETER ^m	5,2 ^m
VERTICAL DEPTH ^m	0,5 ^m

CLUSTER ARCH PAGE 18

HEIGHT ^m	1,5 ^m
DIAMETER ^m	2,7 ^m
VERTICAL DEPTH ^m	0,5 ^m

FLEUR DE LIS PAGE 20

HEIGHT ^m	1,5 ^m
DIAMETER ^m	3,0 ^m
VERTICAL DEPTH ^m	0,5 ^m

GUSHER 2 STATIONARY ONLY PAGE 32

HEIGHT ^m	0,61 ^m
DIAMETER ^m	0,61 ^m
VERTICAL DEPTH ^m	0,5 ^m

GUSHER 4 STATIONARY ONLY PAGE 32

HEIGHT ^m	1,21 ^m
DIAMETER ^m	0,91 ^m
VERTICAL DEPTH ^m	0,5 ^m

GUSHER 6 STATIONARY ONLY PAGE 32

HEIGHT ^m	1,82 ^m
DIAMETER ^m	1,21 ^m
VERTICAL DEPTH ^m	0,5 ^m

METRO PAGE 22

HEIGHT ^m	1,3 ^m
DIAMETER ^m	1,8 ^m
VERTICAL DEPTH ^m	0,5 ^m

SPIDER & ARCH PAGE 24

HEIGHT ^m	1,2 ^m
DIAMETER ^m	4 ^m
VERTICAL DEPTH ^m	0,5 ^m

TIARA PAGE 26

HEIGHT ^m	1,5 ^m
DIAMETER ^m	3,7 ^m
VERTICAL DEPTH ^m	0,5 ^m

TORNADO PAGE 28

HEIGHT ^m	1,5 ^m
DIAMETER ^m	3,7 ^m
VERTICAL DEPTH ^m	0,5 ^m

TORRENT PAGE 30

HEIGHT ^m	0,3 ^m
DIAMETER ^m	0,7 ^m
VERTICAL DEPTH ^m	0,5 ^m



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

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



FUSION Series

FUSION Series

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



FUSION Series



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

FUSION Series



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

FUSION Series

FUSION Series



DOUBLE ARCH

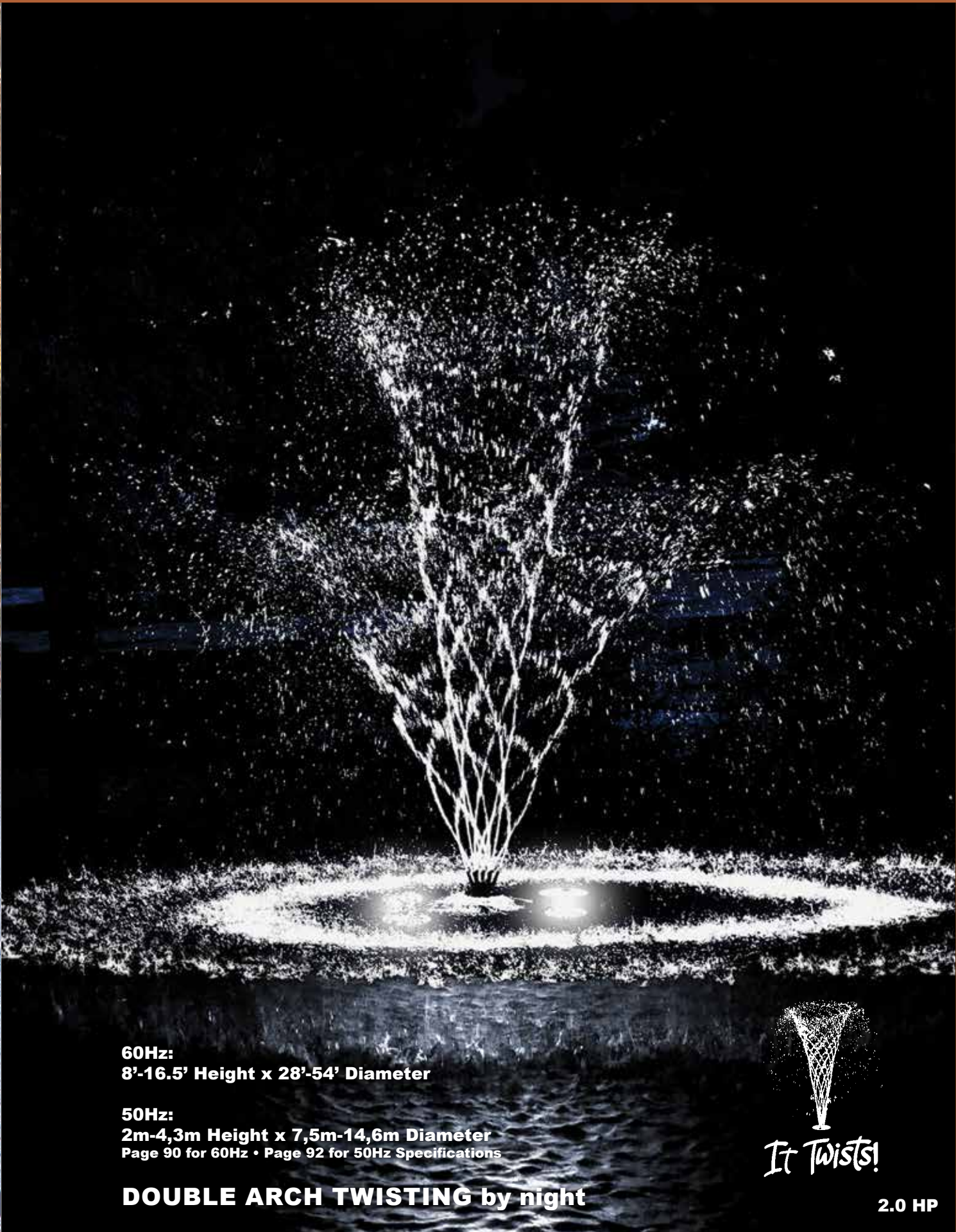
0.5 HP

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



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

2.0 HP

DOUBLE ARCH TWISTING by night

2.0 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

0.5 HP

DOUBLE ARCH LILY by night

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

It Twists!

FUSION Series

FUSION Series

DOUBLE ARCH LILY TWISTING

1.0 HP

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



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

LILY

0.5 HP

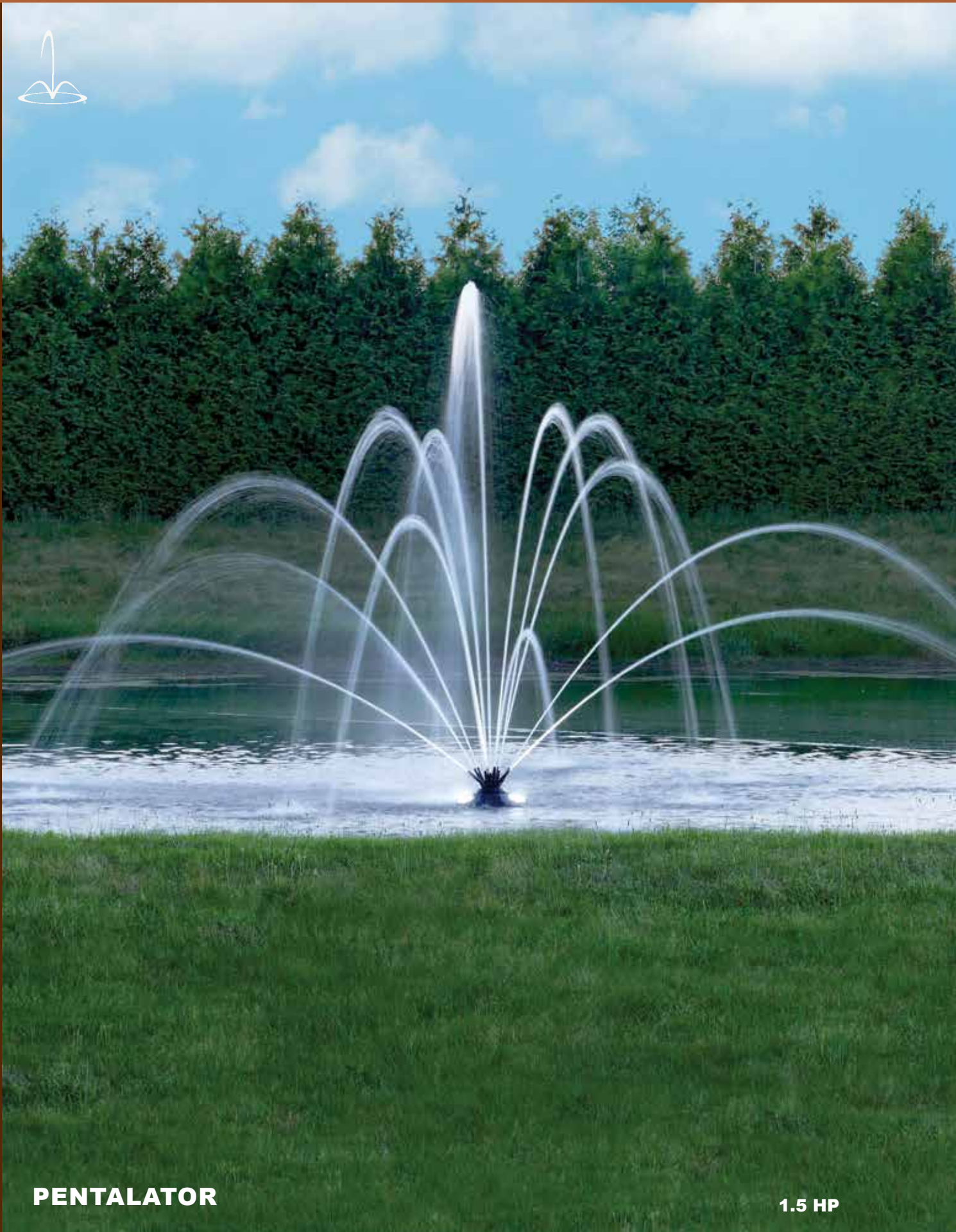
1.0 HP



LILY TWISTING

1.0 HP



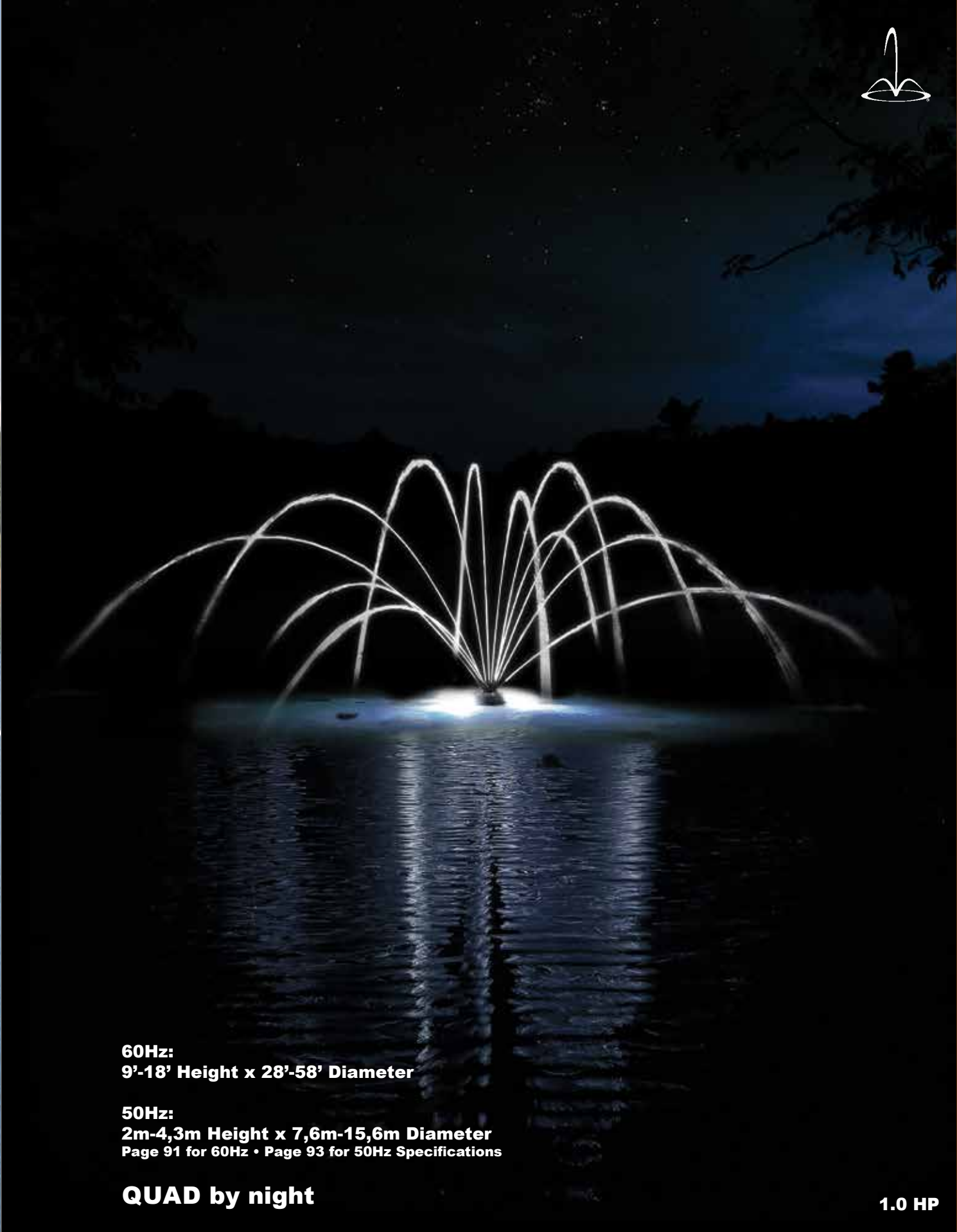


FUSION Series



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

FUSION Series



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



FUSION Series

FUSION Series

QUAD TWISTING

1.0 HP

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



FUSION Series

FUSION Series

SPIDER & ARCH TWISTING

1.5 HP

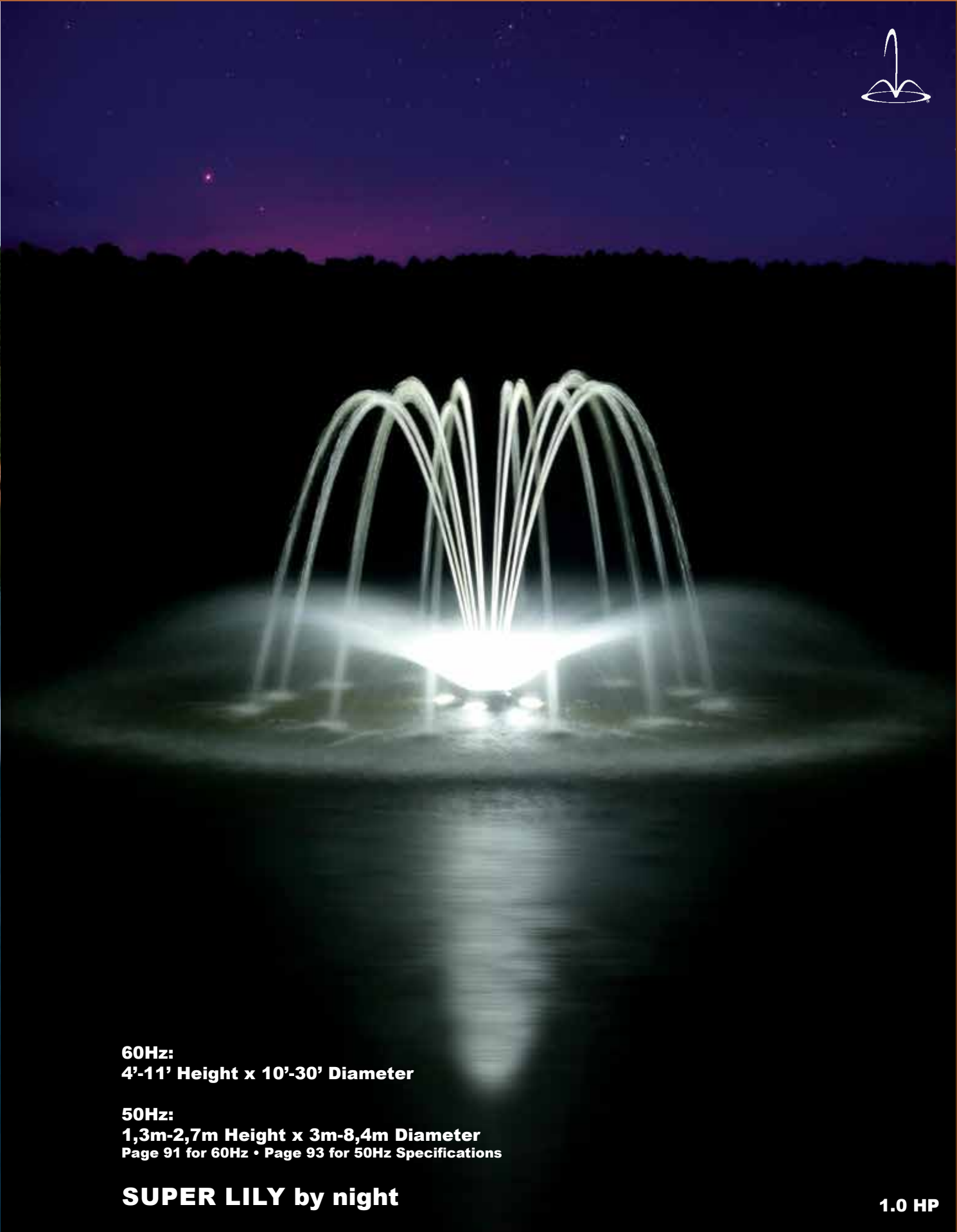
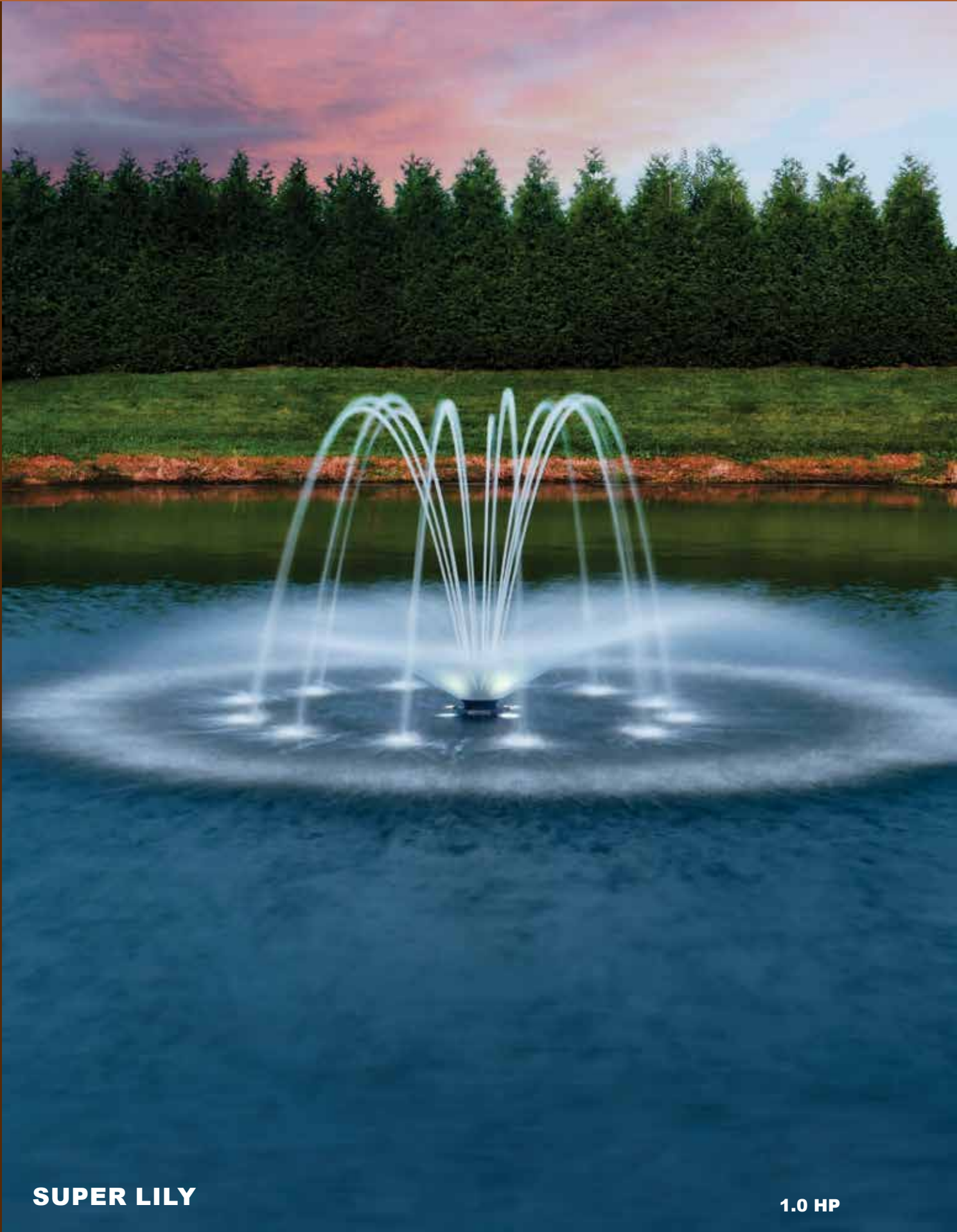
60Hz:
9'-18' Height x 28'-58' Diameter

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

SPIDER & ARCH 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



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



FUSION Series

FUSION Series

SUPER LILY TWISTING

0.5 HP

SUPER LILY TWISTING by night

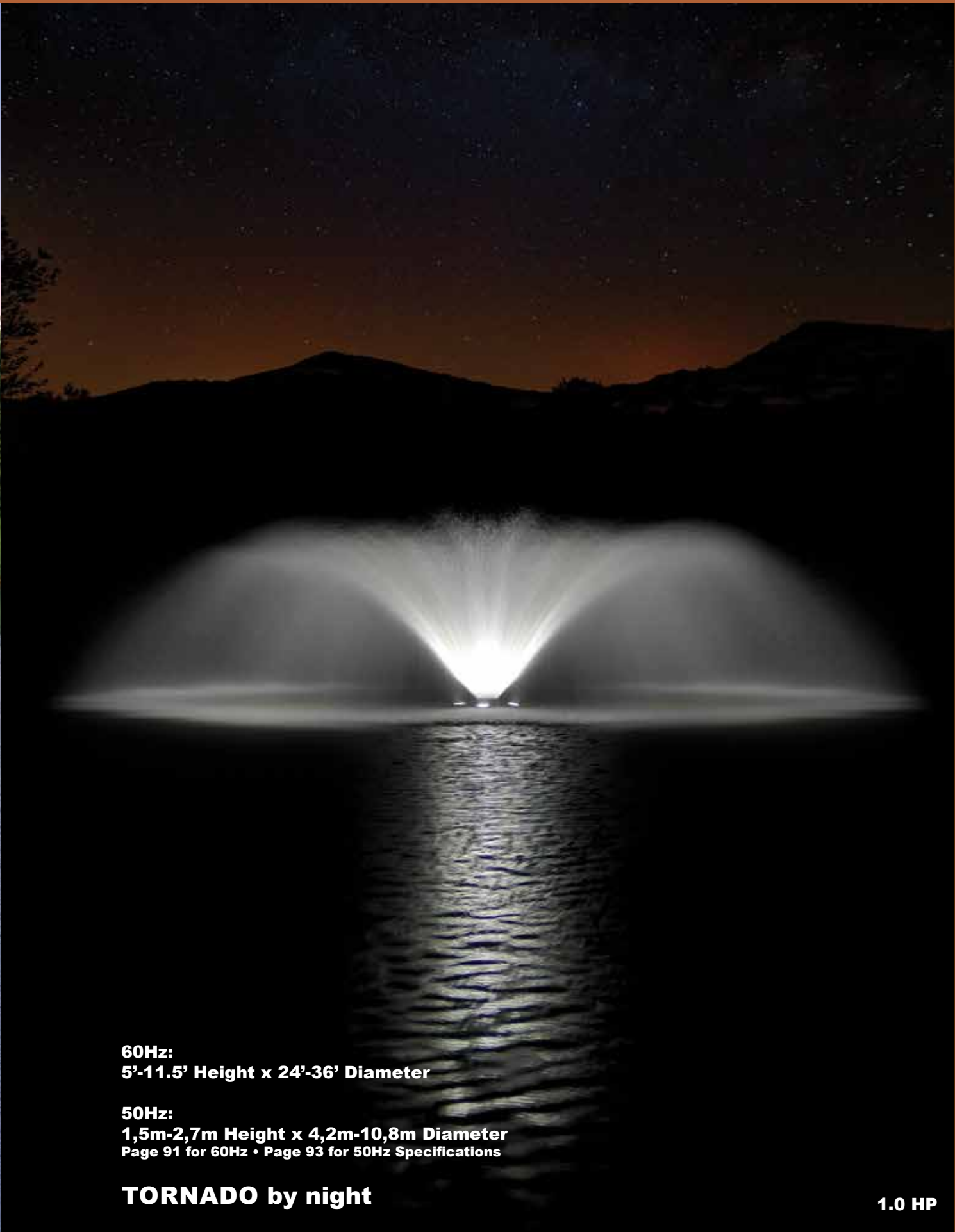
1.0 HP



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 **1.0 HP** **TIARA by night** **1.0 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

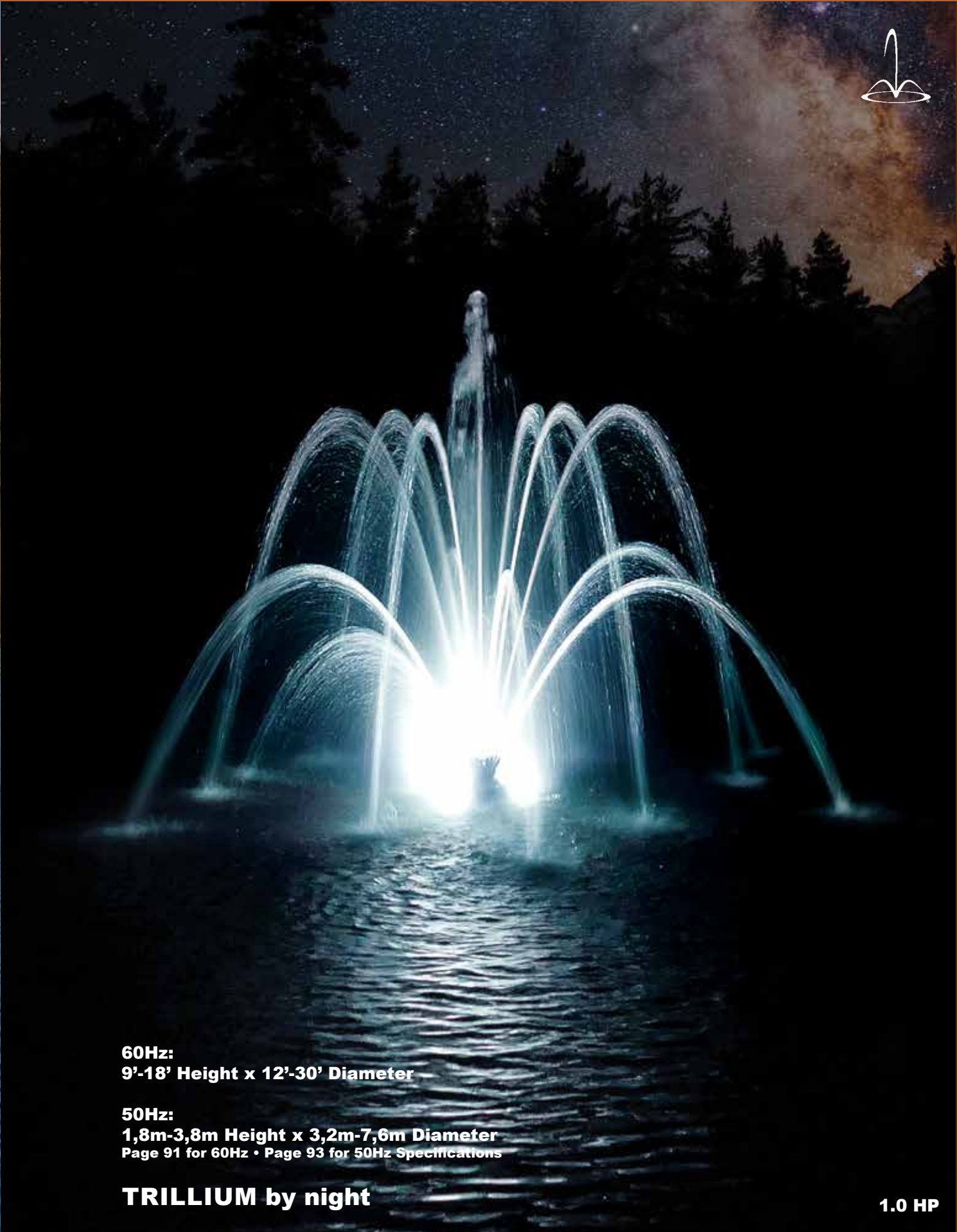
TORNADO

0.5 HP

1.0 HP

FUSION Series

FUSION Series



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

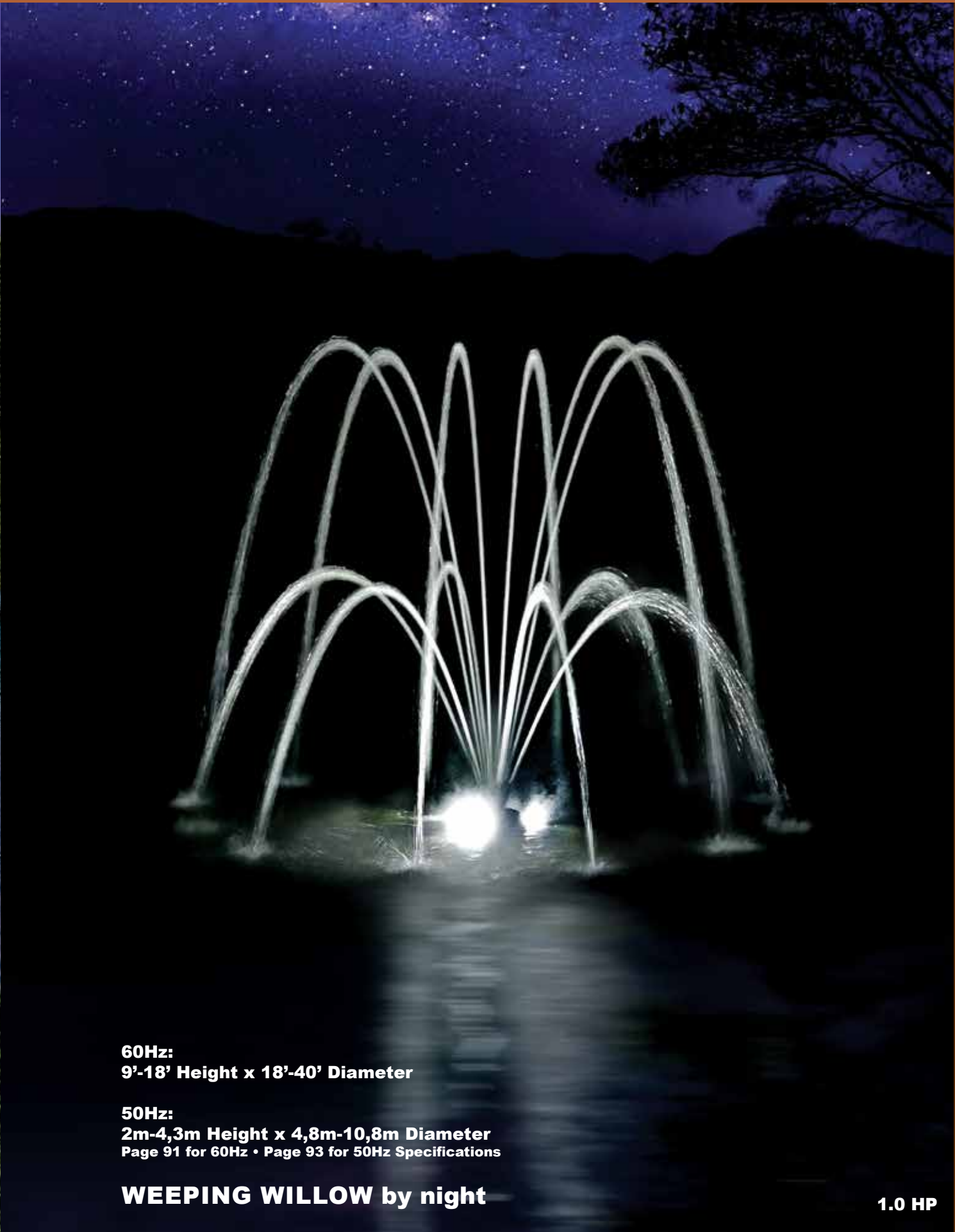
50Hz:
1,8m-3,8m Height x 3,2m-7,6m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

TRILLIUM

1.0 HP

TRILLIUM by night

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

1.0 HP



WEeping WILLOW TWISTING

1.0 HP

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

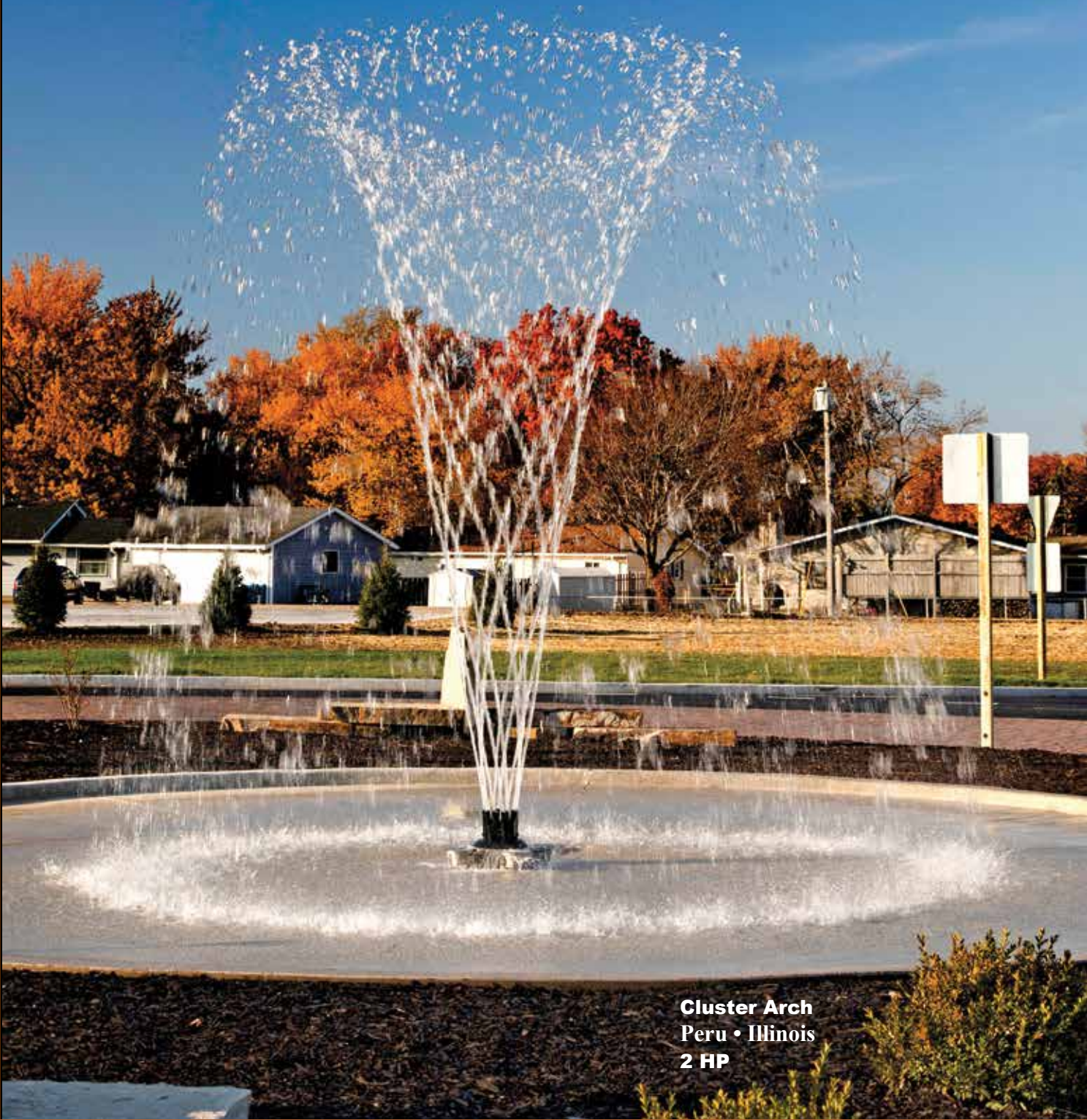
50Hz:
2m-4,3m Height x 4,8m-10,8m Diameter
Page 91 for 60Hz • Page 93 for 50Hz Specifications

WEeping WILLOW TWISTING by night

1.0 HP



**YOUR BASIN!
YOUR FUSION!
YOUR IDEAL SPACE!**



Cluster Arch
Peru • Illinois
2 HP



If you'd like your new fountain in a basin or bowl, any FUSION pattern is possible. A stationary Fusion is always a thing of beauty, a head-turner, a brilliant addition to your home, business or relaxation spot.

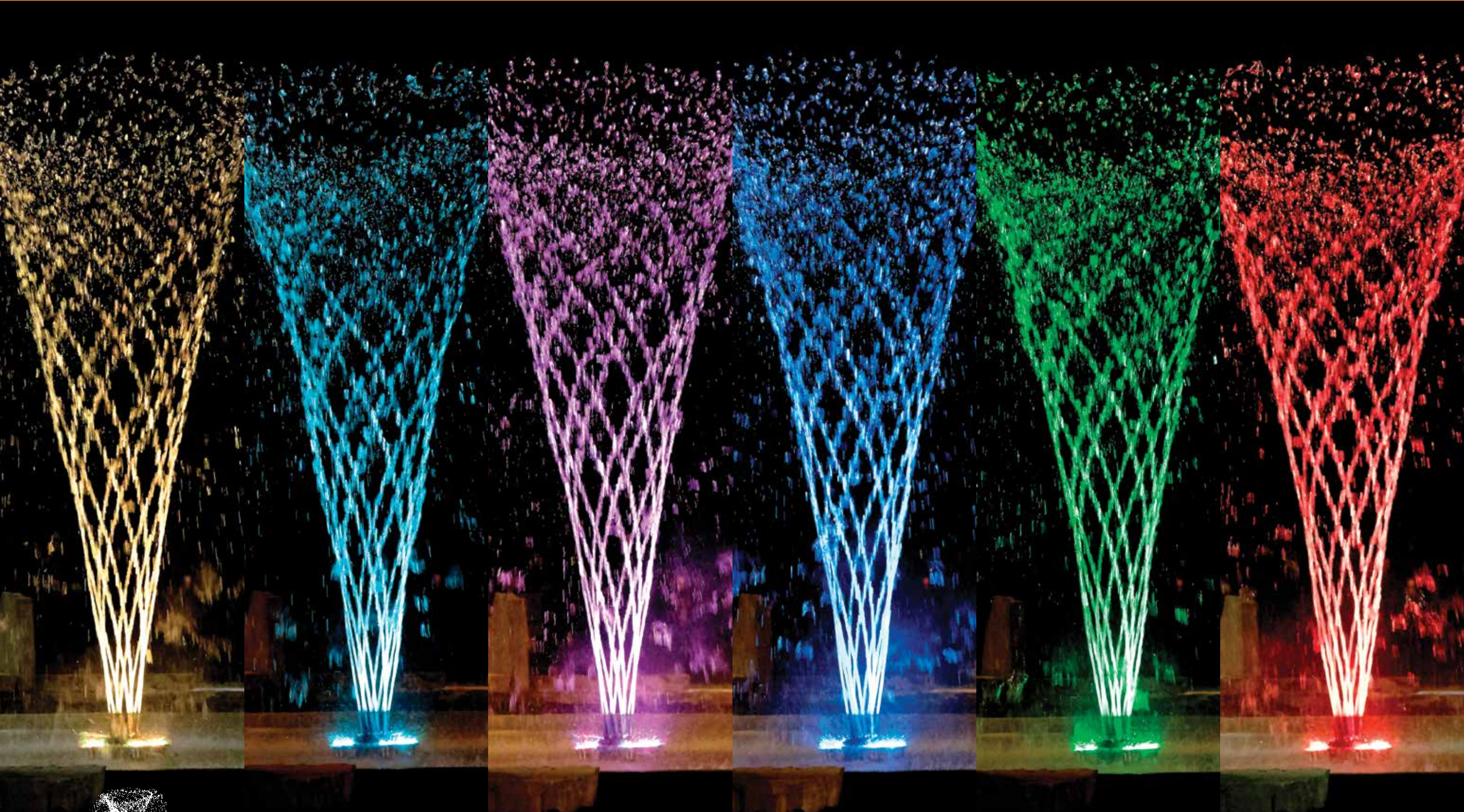


FUSION Series

FUSION Series

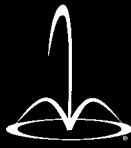
FUSION Series

FUSION Series



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**



FUSION Series

FUSION Series

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

TORNADO PAGE 76

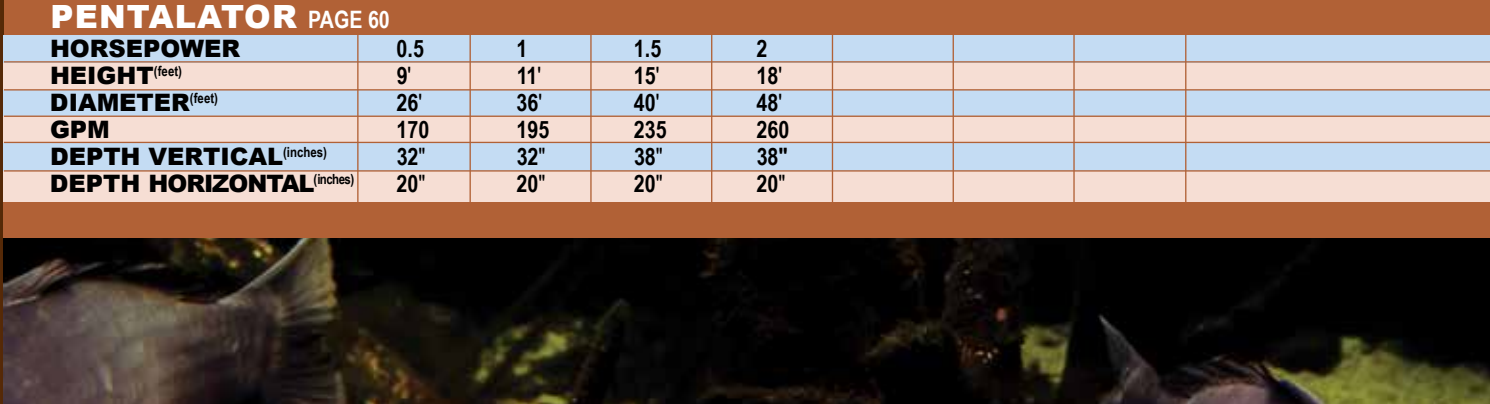
HORSEPOWER	0.5	1	1.5	2				
HEIGHT ^(feet)	5'	7'	9'	11.5'				
DIAMETER ^(feet)	24'	28'	34'	36'				
GPM	170	195	235	260				
DEPTH VERTICAL ^(inches)	32"	32"	38"	38"				
DEPTH HORIZONTAL ^(inches)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				

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)	20"	20"	20"	20"				



International 50Hz

CLUSTER ARCH PAGE 38

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,7 ^m	3,8 ^m	4,3 ^m				
DIAMETER ^m	2,4 ^m	3,0 ^m	4,8 ^m	5,3 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

DAFFODIL PAGE 42

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	1,8 ^m	2,3 ^m	3,3 ^m	3,8 ^m				
DIAMETER ^m	3,6 ^m	5,4 ^m	9,0 ^m	10,5 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

DELMAR PAGE 44

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,7 ^m	3,8 ^m	4,3 ^m				
DIAMETER ^m	1,9 ^m	2,5 ^m	3,6 ^m	4,0 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

DOUBLE ARCH PAGE 46

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,7 ^m	3,8 ^m	4,3 ^m				
DIAMETER ^m	7,5 ^m	8,6 ^m	11,3 ^m	14,6 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

DOUBLE ARCH LILY PAGE 50

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	1,3 ^m	1,4 ^m	2,2 ^m	2,8 ^m				
DIAMETER ^m	3,0 ^m	3,2 ^m	6,6 ^m	9,0 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

FLARE PAGE 54

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	0,7 ^m	0,9 ^m	1,1 ^m	1,2 ^m				
DIAMETER ^m	4,2 ^m	6,0 ^m	10,0 ^m	10,8 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

LILY PAGE 56

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	1,6 ^m	1,8 ^m	2,7 ^m	3,4 ^m				
DIAMETER ^m	3,6 ^m	4,2 ^m	7,2 ^m	9,6 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

PENTALATOR PAGE 60

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,5 ^m	3,5 ^m	4,0 ^m				
DIAMETER ^m	7,0 ^m	9,7 ^m	10,8 ^m	13,0 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

International 50Hz

QUAD PAGE 62

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,7 ^m	3,8 ^m	4,3 ^m				
DIAMETER ^m	7,6 ^m	9,7 ^m	12,4 ^m	15,6 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

SPIDER & ARCH PAGE 66

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,5 ^m	3,5 ^m	4,0 ^m				
DIAMETER ^m	7,6 ^m	9,7 ^m	12,4 ^m	15,0 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

SUPER LILY PAGE 70

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	1,3 ^m	1,4 ^m	2,2 ^m	2,7 ^m				
DIAMETER ^m	3,0 ^m	3,2 ^m	6,6 ^m	8,4 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

TIARA PAGE 74

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,5 ^m	3,5 ^m	4,0 ^m				
DIAMETER ^m	7,6 ^m	9,7 ^m	12,4 ^m	15,6 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

TORNADO PAGE 76

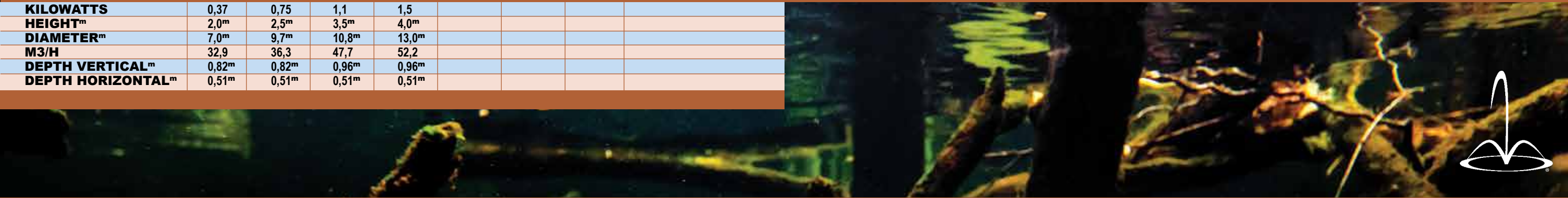
KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	1,5 ^m	1,8 ^m	2,5 ^m	2,7 ^m				
DIAMETER ^m	4,2 ^m	6,0 ^m	10 ^m	10,8 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

TRILLIUM PAGE 78

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	1,8 ^m	2,2 ^m	3,2 ^m	3,8 ^m				
DIAMETER ^m	3,2 ^m	4,8 ^m	6,5 ^m	7,6 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				

WEeping Willow PAGE 80

KILOWATTS	0,37	0,75	1,1	1,5				
HEIGHT ^m	2,0 ^m	2,7 ^m	3,8 ^m	4,3 ^m				
DIAMETER ^m	4,8 ^m	7,0 ^m	8,6 ^m	10,8 ^m				
M3/H	32,9	36,3	47,7	52,2				
DEPTH VERTICAL ^m	0,82 ^m	0,82 ^m	0,96 ^m	0,96 ^m				
DEPTH HORIZONTAL ^m	0,51 ^m	0,51 ^m	0,51 ^m	0,51 ^m				



SELECT SERIES 2 Display Aerators

SELECT SERIES 2 Display Aerators

SELECT SERIES 2 DISPLAY AERATORS

Beautiful spray
patterns that
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GIVING OXYGEN
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Aerators have the
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in the industry!

You deserve the best.



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17 Spray patterns
Built tough
Easy to clean

Full Geyser
Albert Lea • Minnesota
5 HP

Cluster Arch
Albert Lea • Minnesota
7.5 HP

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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

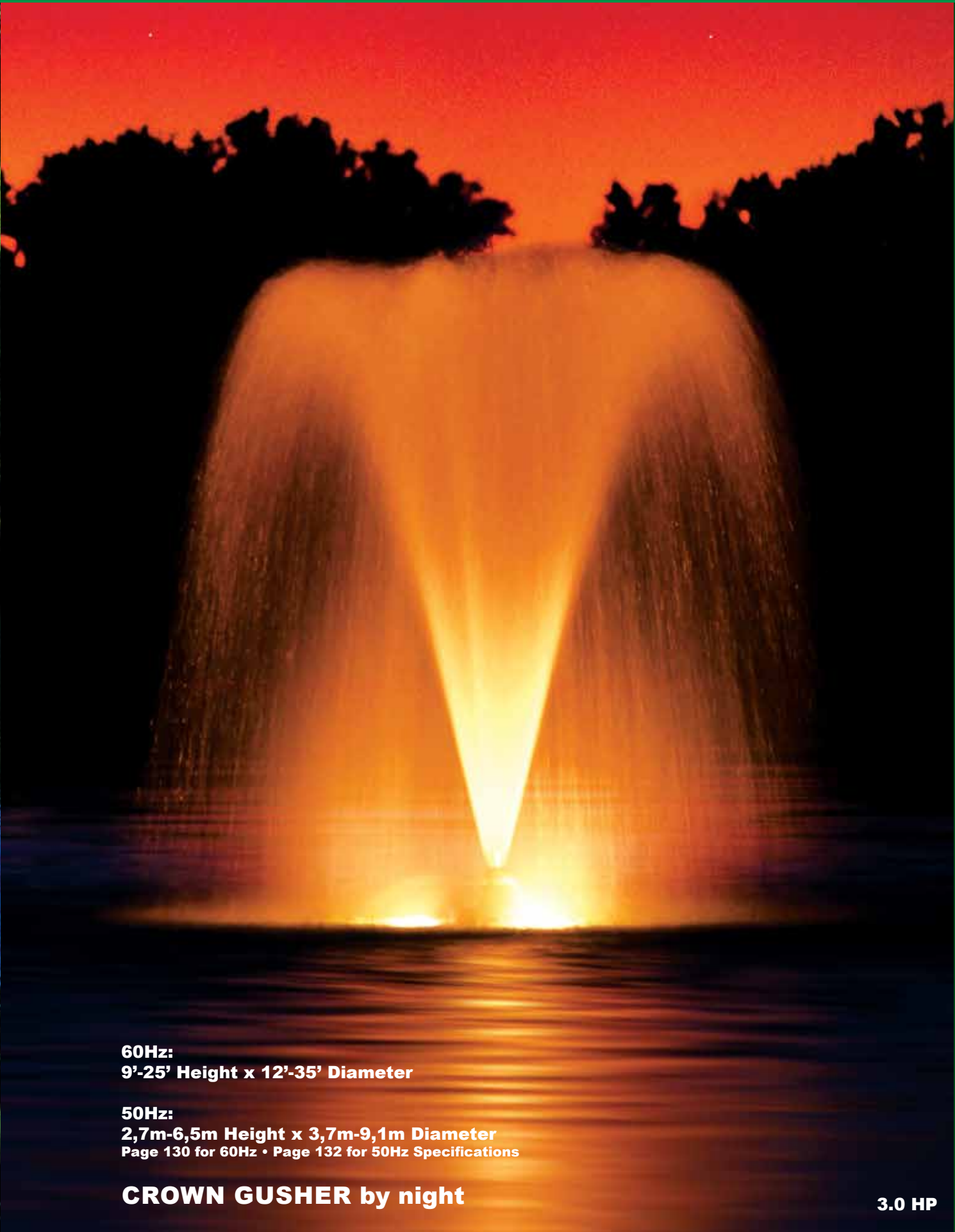
SELECT SERIES 2 Display Aerators

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

SELECT SERIES 2 Display Aerators



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

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

5.0 HP

DELMAR by night

3.0 HP



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

SELECT SERIES 2 Display Aerators



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

7.5 HP

FALLING WATERS by night

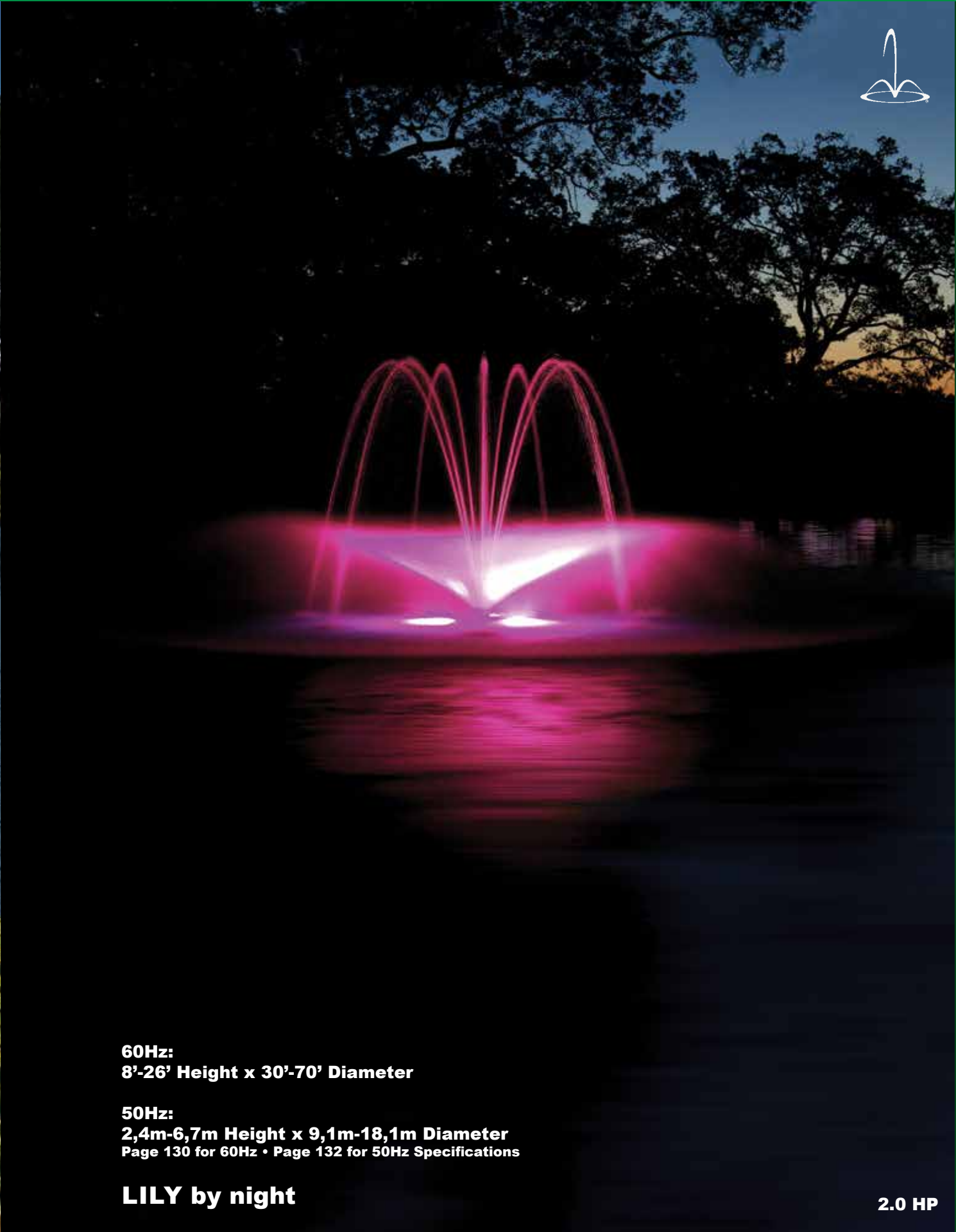
7.5 HP

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

SELECT SERIES 2 Display Aerators

SELECT SERIES 2 Display Aerators



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

3.0 HP

PENTALATOR by night

5.0 HP

SELECT SERIES 2 Display Aerators



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

SELECT SERIES 2 Display Aerators

SELECT SERIES 2 Display Aerators



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

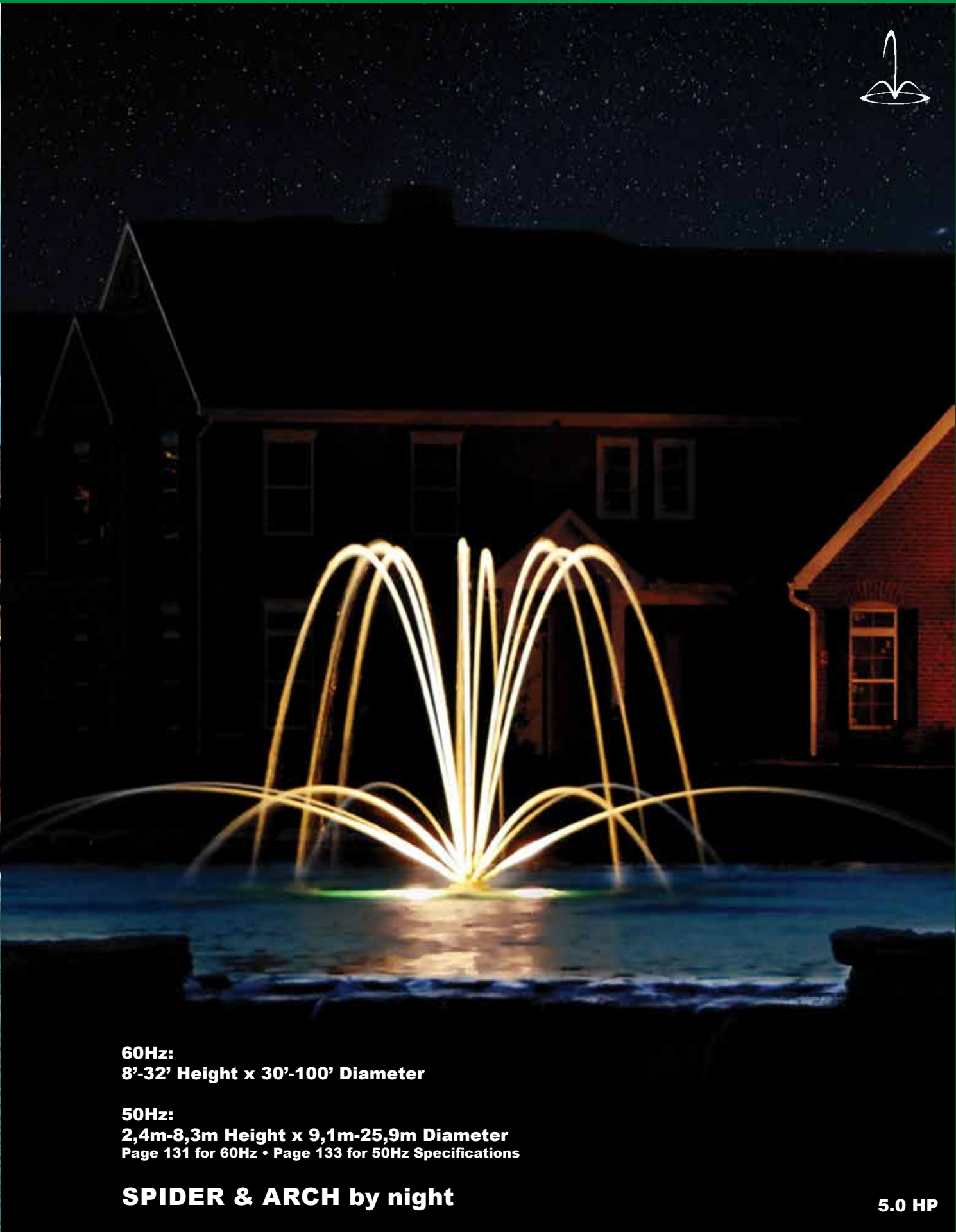
7.5 HP

SCEPTER by night

5.0 HP

SELECT SERIES 2 Display Aerators

SELECT SERIES 2 Display Aerators



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

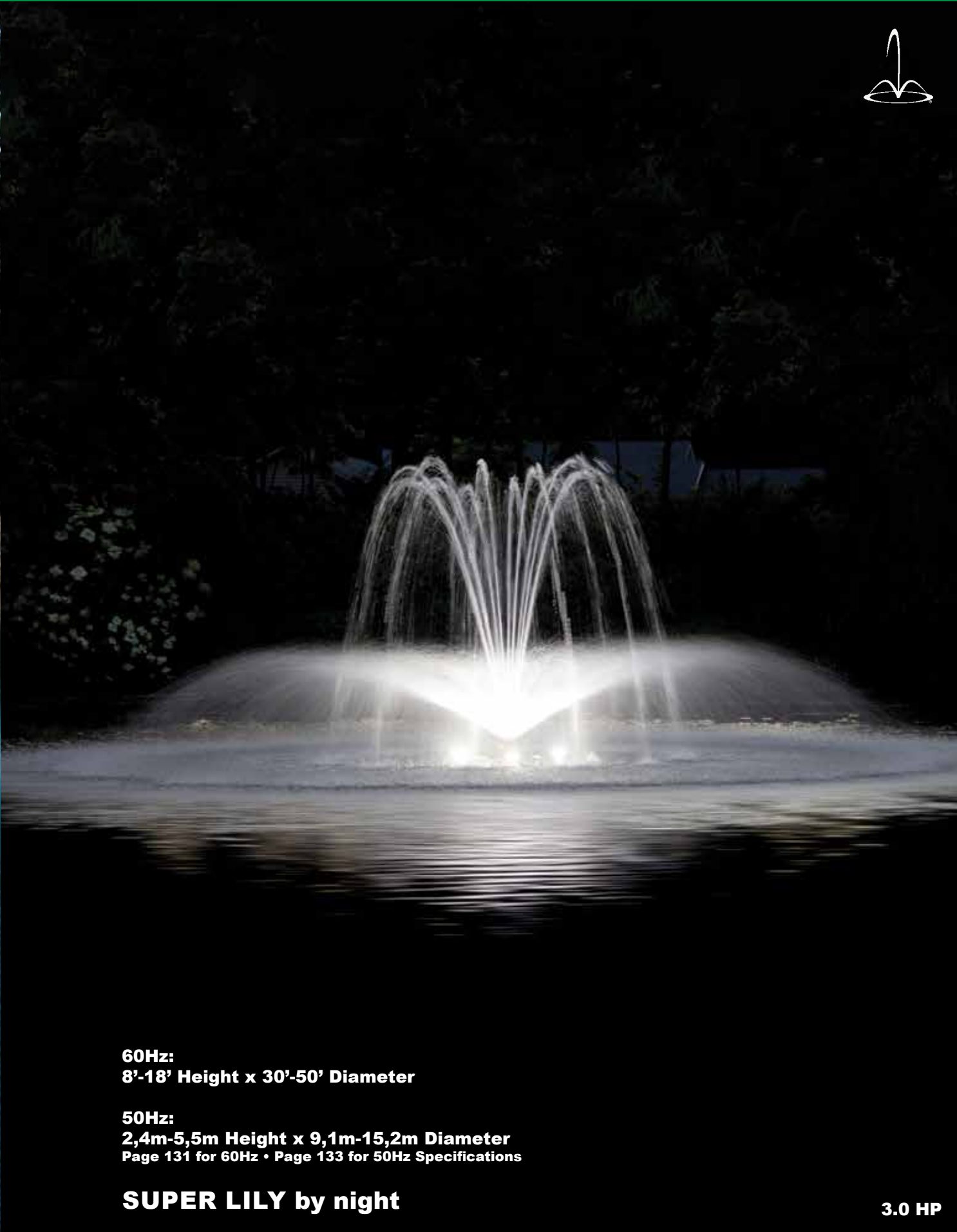
SPIDER & ARCH

3.0 HP

5.0 HP

SELECT SERIES 2 Display Aerators

SELECT SERIES 2 Display Aerators



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

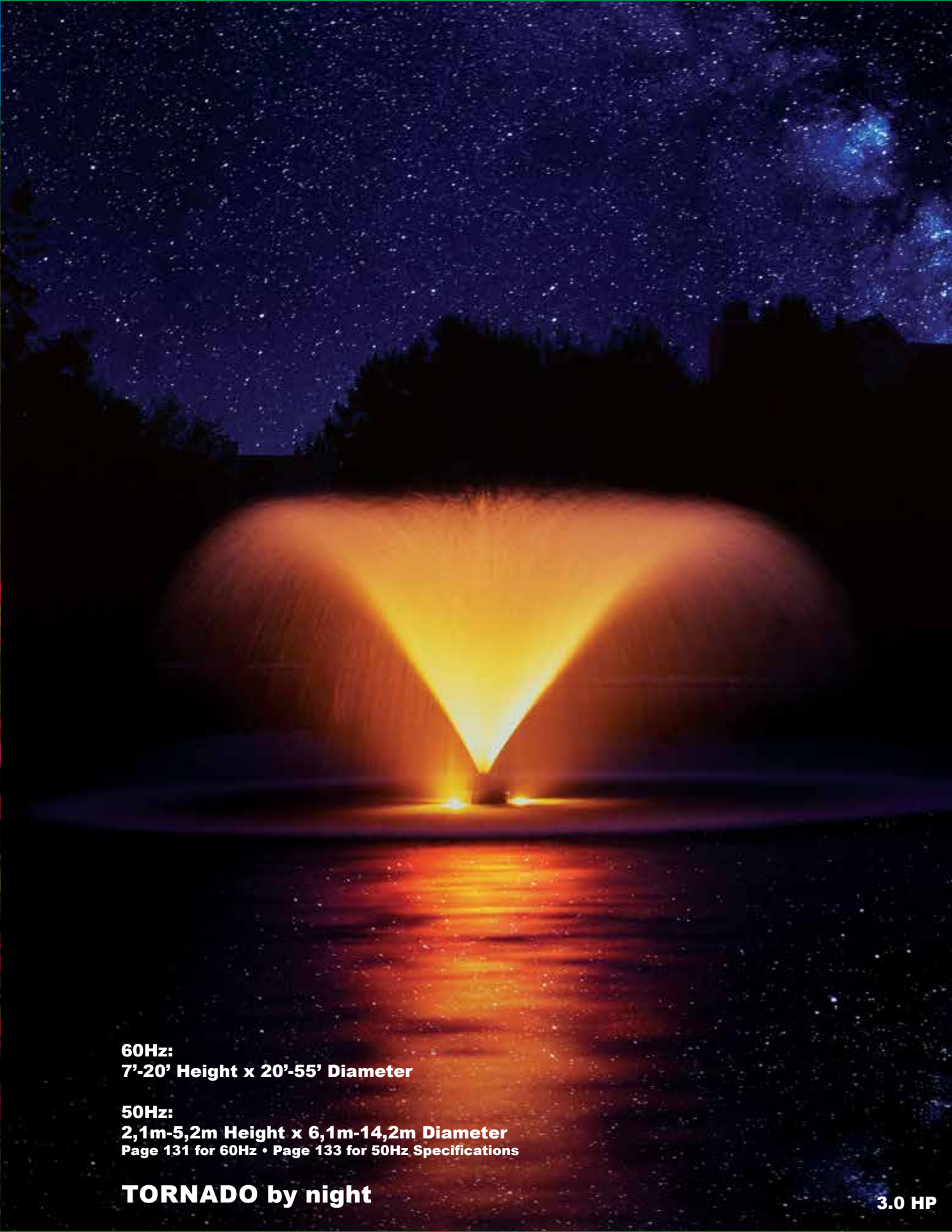
2.0 HP

SUPER LILY by night

3.0 HP

SELECT SERIES 2 Display Aerators

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

2.0 HP

TORNADO by night

3.0 HP

SELECT SERIES 2 Display Aerators



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

SELECT SERIES 2 Display Aerators

SELECT SERIES 2 Display Aerators



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

5.0 HP

TRILLIUM by night

3.0 HP

SELECT SERIES 2 Display Aerators

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

5.0 HP

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

North American 60Hz

CLUSTER ARCH PAGE 96

SCEPTER PAGE 114

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"			

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"			

CROWN GUSHER PAGE 98

SPIDER & ARCH PAGE 116

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"			

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"			

DAFFODIL PAGE 100

SUPER LILY PAGE 118

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"			

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"				

DELMAR PAGE 102

TORNADO PAGE 120

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"			

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"			

DOUBLE ARCH PAGE 104

TORRENT PAGE 122

THE TORRENT DOESN'T INTERCHANGE WITH ANY OTHER NOZZLE.

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"			

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"					

FALLING WATERS PAGE 106

TRILLIUM PAGE 124

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"			

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"			

LILY PAGE 108

TRIPLE TIER PAGE 126

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"			

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"				

PENTALATOR PAGE 110

WEEPING WILLOW PAGE 128

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"			

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"			

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"			





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

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					

THE TORRENT DOESN'T INTERCHANGE WITH ANY OTHER NOZZLE.

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

Titan Majestic
Wild Golf • Wisconsin Dells
7.5 HP



SELECT SERIES Fountains

SELECT SERIES Fountains



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

BUCKINGHAM

5.0 HP

SELECT SERIES Fountains



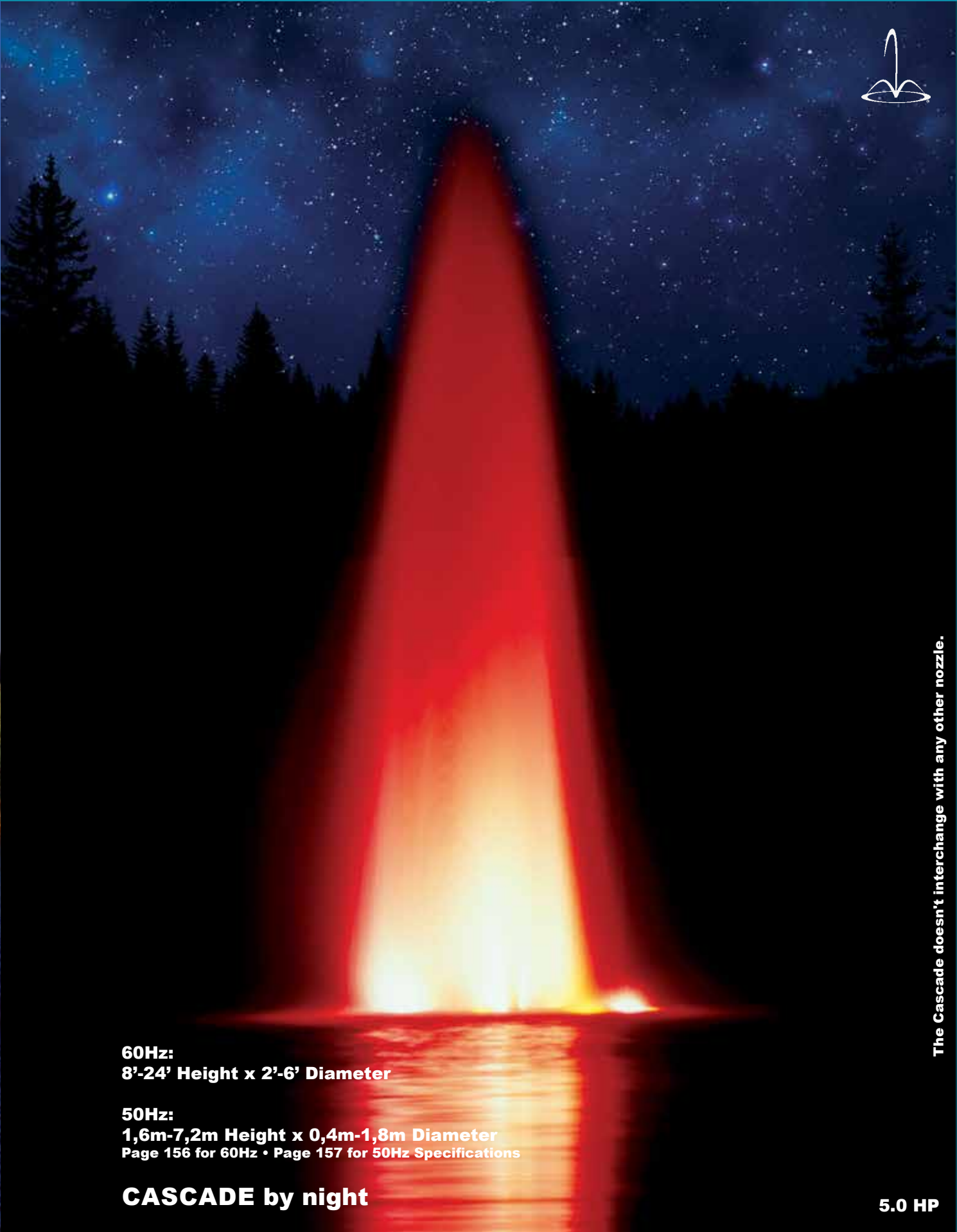
CASCADE 5.0 HP



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.

SELECT SERIES Fountains



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

5.0 HP

FLEUR DE LIS by night

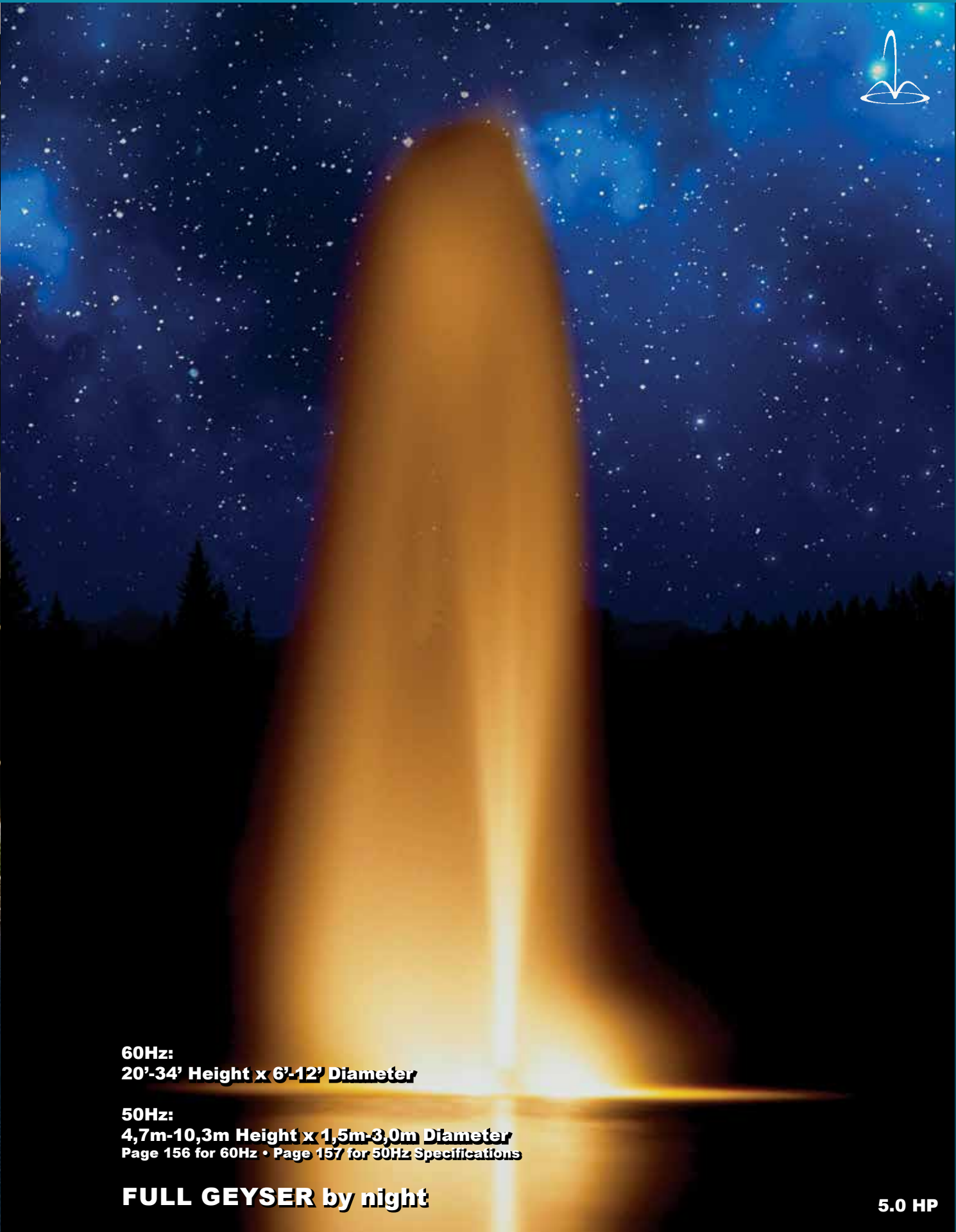
1.0 HP

SELECT SERIES Fountains



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

SELECT SERIES Fountains

SELECT SERIES Fountains

SELECT SERIES Fountains



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

5.0 HP

MAJESTIC by night

2.0 HP

SELECT SERIES Fountains



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

SELECT SERIES Fountains



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

3.0 HP

SPOKE & TRELLIS by night

3.0 HP

SELECT SERIES Fountains



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

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

1.0 HP

TRELLIS by night

3.0 HP

SELECT SERIES Fountains

SELECT SERIES Fountains



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

SELECT SERIES Fountains

North American 60Hz

BUCKINGHAM PAGE 136					SKY GEYSER PAGE 146				
HORSEPOWER	1	2	3	5	HORSEPOWER	1	2	3	5
HEIGHT ^(feet)	20'	22'	25'	28'	HEIGHT ^(feet)	30'	35'	38'	50'
DIAMETER ^(feet)	33'	44'	54'	59'	DIAMETER ^(feet)	3'	4'	5'	7'
GPM	140	160	180	210	GPM	80	100	110	120
DEPTH VERTICAL ^(inches)	52"	56"	56"	62"	DEPTH VERTICAL ^(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"	DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"
CASCADE PAGE 138					SPOKE & TRELLIS PAGE 148				
HORSEPOWER	1	2	3	5	HORSEPOWER	1	2	3	5
HEIGHT ^(feet)	8'	12'	16'	24'	HEIGHT ^(feet)	16'	18'	20'	25'
DIAMETER ^(feet)	2'	3'	4'	6'	DIAMETER ^(feet)	40'	45'	50'	80'
GPM	240	320	400	480	GPM	140	160	180	210
DEPTH VERTICAL ^(inches)	63"	67"	67"	73"	DEPTH VERTICAL ^(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL ^(inches)	36"	36"	36"	36"	DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"
FLEUR DE LIS PAGE 140					TIARA PAGE 150				
HORSEPOWER	1	2	3	5	HORSEPOWER	1	2	3	5
HEIGHT ^(feet)	20'	24'	27'	35'	HEIGHT ^(feet)	20'	24'	28'	34'
DIAMETER ^(feet)	30'	35'	40'	48'	DIAMETER ^(feet)	55'	63'	70'	90'
GPM	140	160	180	210	GPM	140	160	180	210
DEPTH VERTICAL ^(inches)	52"	56"	56"	62"	DEPTH VERTICAL ^(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"	DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"
FULL GEYSER PAGE 142					TRELLIS PAGE 152				
HORSEPOWER	1	2	3	5	HORSEPOWER	1	2	3	5
HEIGHT ^(feet)	20'	24'	30'	34'	HEIGHT ^(feet)	18'	22'	26'	30'
DIAMETER ^(feet)	6'	8'	10'	12'	DIAMETER ^(feet)	36'	44'	52'	60'
GPM	115	130	150	165	GPM	140	160	180	210
DEPTH VERTICAL ^(inches)	52"	56"	56"	62"	DEPTH VERTICAL ^(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"	DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"
MAJESTIC PAGE 144					TRELLIS & SKY GEYSER PAGE 154				
HORSEPOWER	1	2	3	5	HORSEPOWER	1	2	3	5
HEIGHT ^(feet)	18'	24'	26'	30'	HEIGHT ^(feet)	20'	25'	30'	35'
DIAMETER ^(feet)	45'	60'	65'	70'	DIAMETER ^(feet)	26'	36'	39'	42'
GPM	140	160	180	210	GPM	125	140	160	190
DEPTH VERTICAL ^(inches)	52"	56"	56"	62"	DEPTH VERTICAL ^(inches)	52"	56"	56"	62"
DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"	DEPTH HORIZONTAL ^(inches)	28"	28"	28"	28"

SELECT SERIES Fountains

International 50Hz

BUCKINGHAM PAGE 136					SKY GEYSER PAGE 146				
KILOWATTS	0,75	1,5	2,2	3,7	KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT ^m	3,6 ^m	4,6 ^m	5,2 ^m	9,2 ^m	HEIGHT ^m	6,3 ^m	7,6 ^m	11,5 ^m	15,0 ^m
DIAMETER ^m	7,3 ^m	9,0 ^m	10,9 ^m	15,5 ^m	DIAMETER ^m	0,6 ^m	1,0 ^m	1,5 ^m	2,0 ^m
M3/H	24	28	32	40	M3/H	24	28	32	40
DEPTH VERTICAL ^m	1,3 ^m	1,4 ^m	1,4 ^m	1,8 ^m	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	DEPTH HORIZONTAL ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
CASCADE PAGE 138					SPOKE & TRELLIS PAGE 148				
KILOWATTS	0,75	1,5	2,2	3,7	KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT ^m	1,6 ^m	2,4 ^m	4,8 ^m	7,2 ^m	HEIGHT ^m	3,5 ^m	5,0 ^m	6,0 ^m	7,5 ^m
DIAMETER ^m	0,4 ^m	0,6 ^m	1,2 ^m	1,8 ^m	DIAMETER ^m	11,8 ^m	15,4 ^m	18,0 ^m	24,0 ^m
M3/H	24	28	32	40	M3/H	24	28	32	40
DEPTH VERTICAL ^m	1,6 ^m	1,7 ^m	1,7 ^m	1,9 ^m	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	DEPTH HORIZONTAL ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
FLEUR DE LIS PAGE 140					TIARA PAGE 150				
KILOWATTS	0,75	1,5	2,2	3,7	KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT ^m	4,5 ^m	5,5 ^m	6,4 ^m	10,1 ^m	HEIGHT ^m	3,8 ^m	4,6 ^m	5,4 ^m	7,9 ^m
DIAMETER ^m	6,3 ^m	9,0 ^m	10,9 ^m	14,5 ^m	DIAMETER ^m	11,0 ^m	13,7 ^m	16,3 ^m	25,6 ^m
M3/H	24	28	32	40	M3/H	24	28	32	40
DEPTH VERTICAL ^m	1,3 ^m	1,4 ^m	1,4 ^m	1,8 ^m	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	DEPTH HORIZONTAL ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
FULL GEYSER PAGE 142					TRELLIS PAGE 152				
KILOWATTS	0,75	1,5	2,2	3,7	KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT ^m	4,7 ^m	6,0 ^m	7,6 ^m	10,3 ^m	HEIGHT ^m	4,2 ^m	5,0 ^m	5,9 ^m	7,7 ^m
DIAMETER ^m	1,5 ^m	1,8 ^m	2,0 ^m	3,0 ^m	DIAMETER ^m	7,3 ^m	9,1 ^m	10,0 ^m	15,6 ^m
M3/H	24	28	32	40	M3/H	24	28	32	40
DEPTH VERTICAL ^m	1,3 ^m	1,4 ^m	1,4 ^m	1,8 ^m	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	DEPTH HORIZONTAL ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
MAJESTIC PAGE 144					TRELLIS & SKY GEYSER PAGE 154				
KILOWATTS	0,75	1,5	2,2	3,7	KILOWATTS	0,75	1,5	2,2	3,7
HEIGHT ^m	4,2 ^m	4,9 ^m	5,8 ^m	9,0 ^m	HEIGHT ^m	4,5 ^m	6,0 ^m	6,9 ^m	10,6 ^m
DIAMETER ^m	9,0 ^m	10,9 ^m	13,6 ^m	16,3 ^m	DIAMETER ^m	4,5 ^m	7,2 ^m	8,1 ^m	12,7 ^m
M3/H	24	28	32	40	M3/H	24	28	32	40
DEPTH VERTICAL ^m	1,3 ^m	1,4 ^m	1,4 ^m	1,8 ^m	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	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.

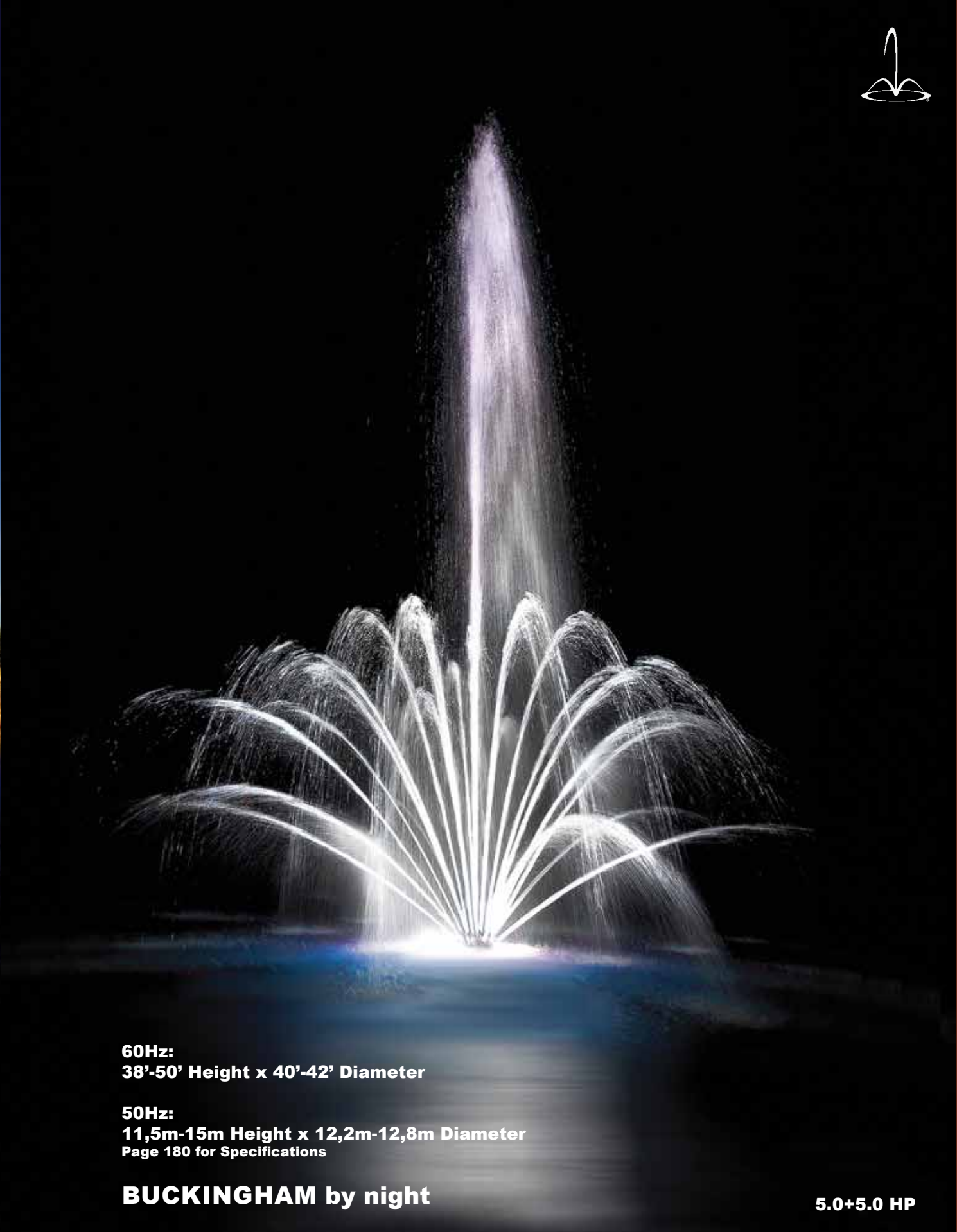
**The COMBO Series
Will Impress All
Who See It.**





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





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

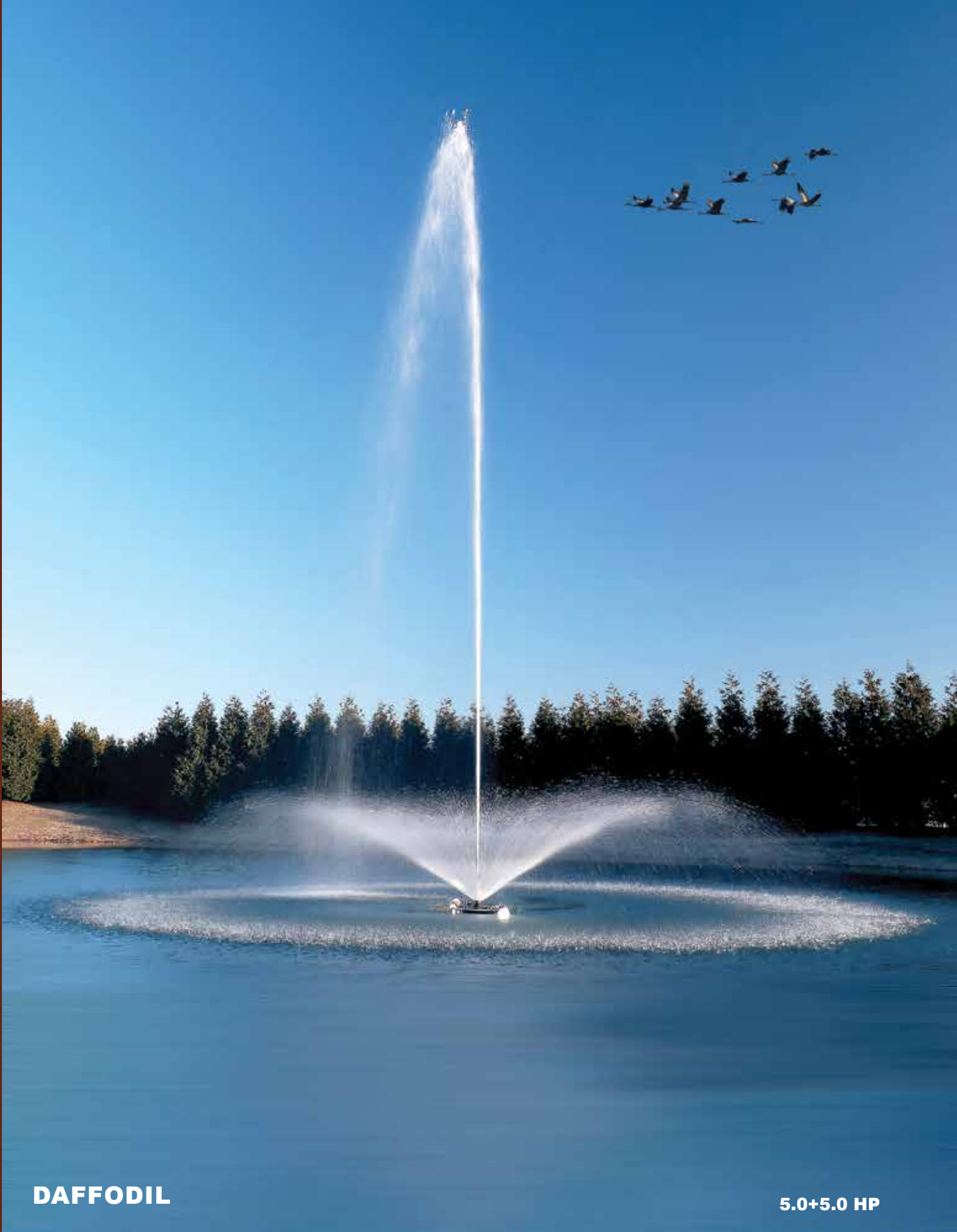
5.0+5.0 HP

CLUSTER ARCH & SKY GEYSER by night

5.0+5.0 HP

COMBO Series

COMBO Series



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





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

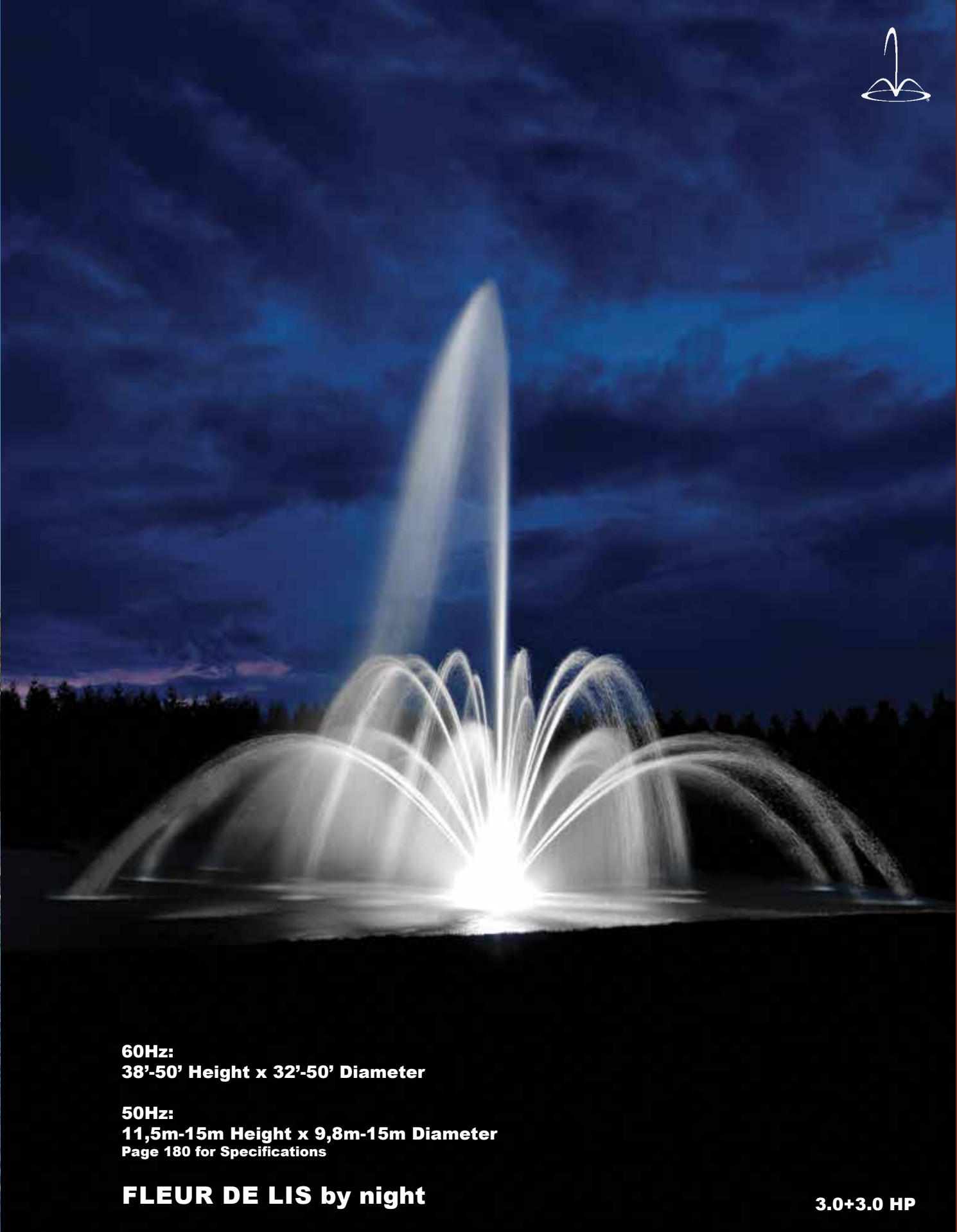
5.0+5.0 HP

DOUBLE ARCH & SKY GEYSER by night

5.0+5.0 HP

COMBO Series

COMBO Series



FLEUR DE LIS

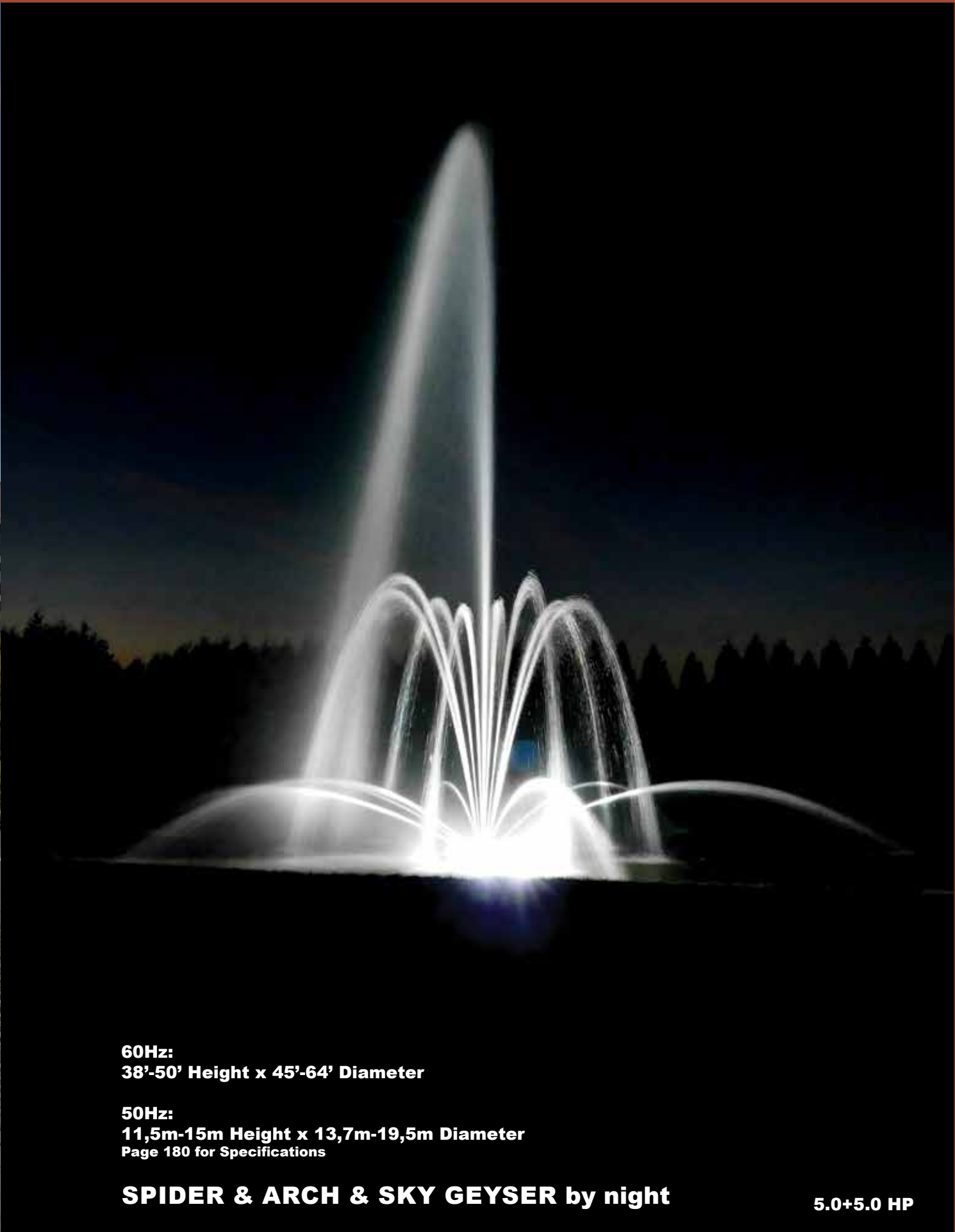
5.0+5.0 HP

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



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

SPIDER & ARCH & SKY GEYSER

5.0+5.0 HP

COMBO Series



SPOKE & SKY GEYSER

5.0+5.0 HP



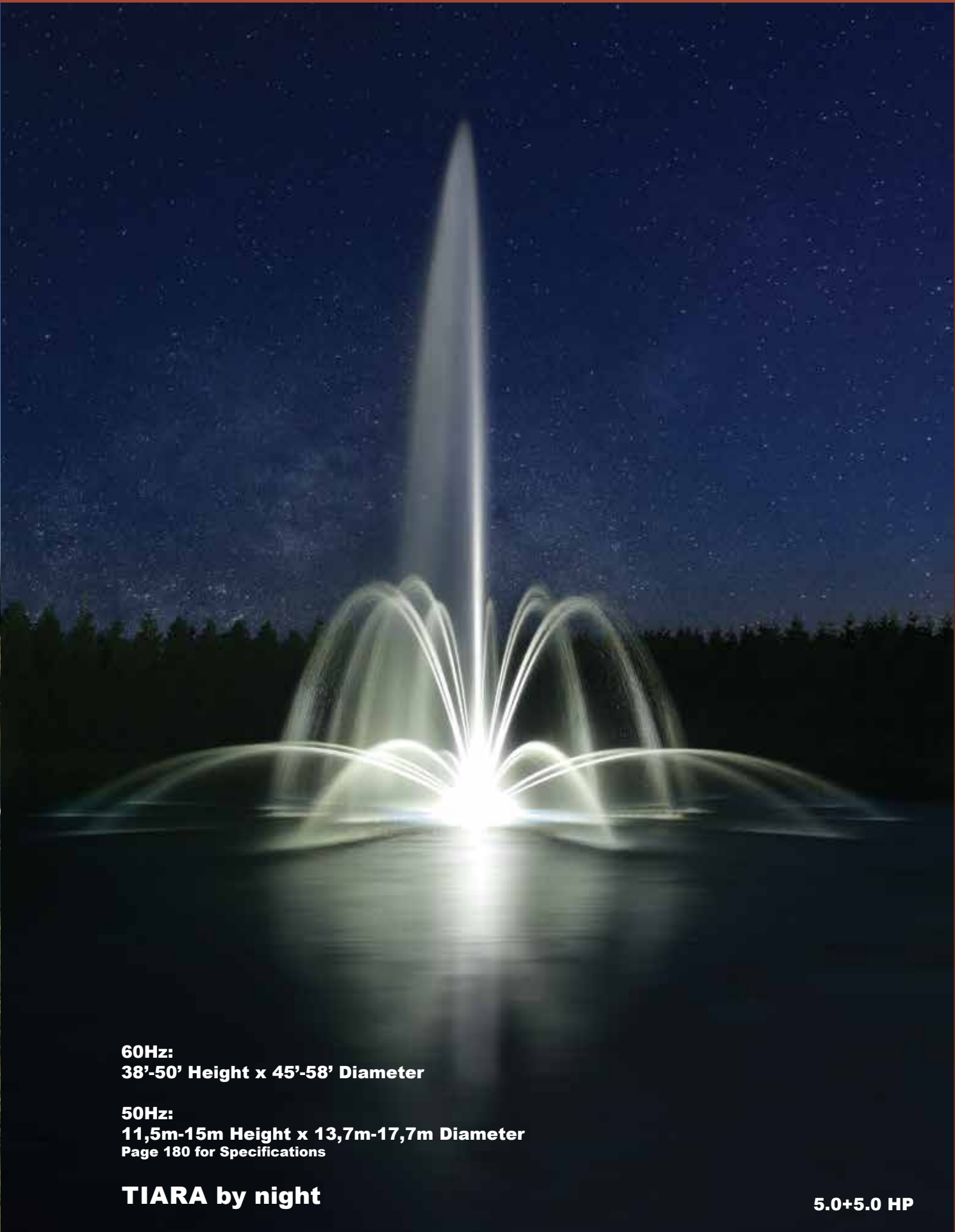
60Hz:
38'-50' Height x 45'-64' Diameter

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

COMBO Series



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

TIARA

5.0+5.0 HP



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

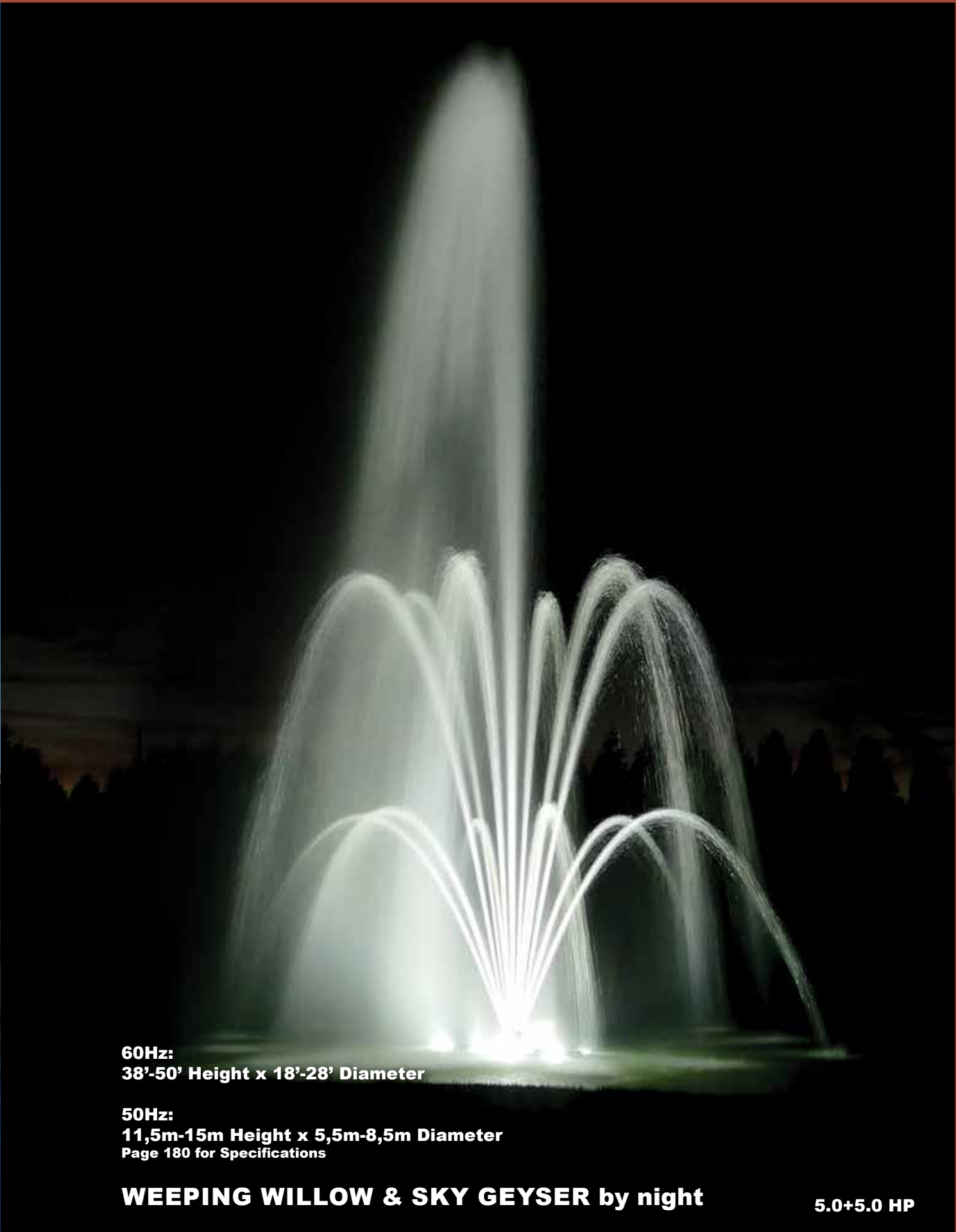
50Hz:
11,5m-15m Height x 7,9m-11m Diameter
Page 180 for Specifications

TORNADO & SKY GEYSER

5.0+5.0 HP

TORNADO & SKY GEYSER by night

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

WEeping WILLOW & SKY GEYSER

5.0+5.0 HP

North American 60Hz										International 50Hz									
BUCKINGHAM PAGE 160					SPIDER & ARCH & SKY GEYSER PAGE 170					BUCKINGHAM PAGE 160					SPIDER & ARCH & SKY GEYSER PAGE 170				
HORSEPOWER	3+3	3+5	5+3	5+5	HORSEPOWER	3+3	3+5	5+3	5+5	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m
DIAMETER ^(feet)	40'	42'	40'	42'	DIAMETER ^(feet)	45'	64'	45'	64'	DIAMETER ^m	12,2 ^m	12,8 ^m	12,2 ^m	12,8 ^m	DIAMETER ^m	13,7 ^m	19,5 ^m	13,7 ^m	19,5 ^m
GPM	560	610	570	620	GPM	560	610	570	620	M3/H	132	142	140	150	M3/H	132	142	140	150
MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
CLUSTER ARCH & SKY GEYSER PAGE 162					SPOKE & SKY GEYSER PAGE 172					CLUSTER ARCH & SKY GEYSER PAGE 162					SPOKE & SKY GEYSER PAGE 172				
HORSEPOWER	3+3	3+5	5+3	5+5	HORSEPOWER	3+3	3+5	5+3	5+5	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m
DIAMETER ^(feet)	28'	42'	28'	42'	DIAMETER ^(feet)	45'	64'	45'	64'	DIAMETER ^m	8,5 ^m	12,8 ^m	8,5 ^m	12,8 ^m	DIAMETER ^m	13,7 ^m	19,5 ^m	13,7 ^m	19,5 ^m
GPM	560	610	570	620	GPM	560	610	570	620	M3/H	132	142	140	150	M3/H	132	142	140	150
MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
DAFFODIL PAGE 164					TIARA PAGE 174					DAFFODIL PAGE 164					TIARA PAGE 174				
HORSEPOWER	3+3	3+5	5+3	5+5	HORSEPOWER	3+3	3+5	5+3	5+5	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m
DIAMETER ^(feet)	40'	64'	40'	64'	DIAMETER ^(feet)	45'	58'	45'	58'	DIAMETER ^m	12,2 ^m	19,5 ^m	12,2 ^m	19,5 ^m	DIAMETER ^m	13,7 ^m	17,7 ^m	13,7 ^m	17,7 ^m
GPM	560	610	570	620	GPM	560	610	570	620	M3/H	132	142	140	150	M3/H	132	142	140	150
MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
DOUBLE ARCH & SKY GEYSER PAGE 166					TORNADO & SKY GEYSER PAGE 176					DOUBLE ARCH & SKY GEYSER PAGE 166					TORNADO & SKY GEYSER PAGE 176				
HORSEPOWER	3+3	3+5	5+3	5+5	HORSEPOWER	3+3	3+5	5+3	5+5	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m
DIAMETER ^(feet)	32'	40'	32'	40'	DIAMETER ^(feet)	26'	36'	26'	36'	DIAMETER ^m	9,8 ^m	12,2 ^m	9,8 ^m	12,2 ^m	DIAMETER ^m	7,9 ^m	11 ^m	7,9 ^m	11 ^m
GPM	560	610	570	620	GPM	560	610	570	620	M3/H	132	142	140	150	M3/H	132	142	140	150
MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m
FLEUR DE LIS PAGE 168					WEeping WILLOW & SKY GEYSER PAGE 178					FLEUR DE LIS PAGE 168					WEeping WILLOW & SKY GEYSER PAGE 178				
HORSEPOWER	3+3	3+5	5+3	5+5	HORSEPOWER	3+3	3+5	5+3	5+5	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7	KILOWATTS	2,2+2,2	2,2+3,7	3,7+2,2	3,7+3,7
HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^(feet)	38'	38'	50'	50'	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m	HEIGHT ^m	11,5 ^m	11,5 ^m	15 ^m	15 ^m
DIAMETER ^(feet)	32'	50'	32'	50'	DIAMETER ^(feet)	18'	28'	18'	28'	DIAMETER ^m	9,8 ^m	15 ^m	9,8 ^m	15 ^m	DIAMETER ^m	5,5 ^m	8,5 ^m	5,5 ^m	8,5 ^m
GPM	560	610	570	620	GPM	560	610	570	620	M3/H	132	142	140	150	M3/H	132	142	140	150
MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^(inches)	27"	27"	27"	27"	MINIMUM DEPTH ^m	0,7 ^m	0,7 ^m	0,7 ^m	0,7 ^m	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 up to 100'
and diameters of up to 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**



TITAN Series

TITAN Series



BUCKINGHAM

7.5 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

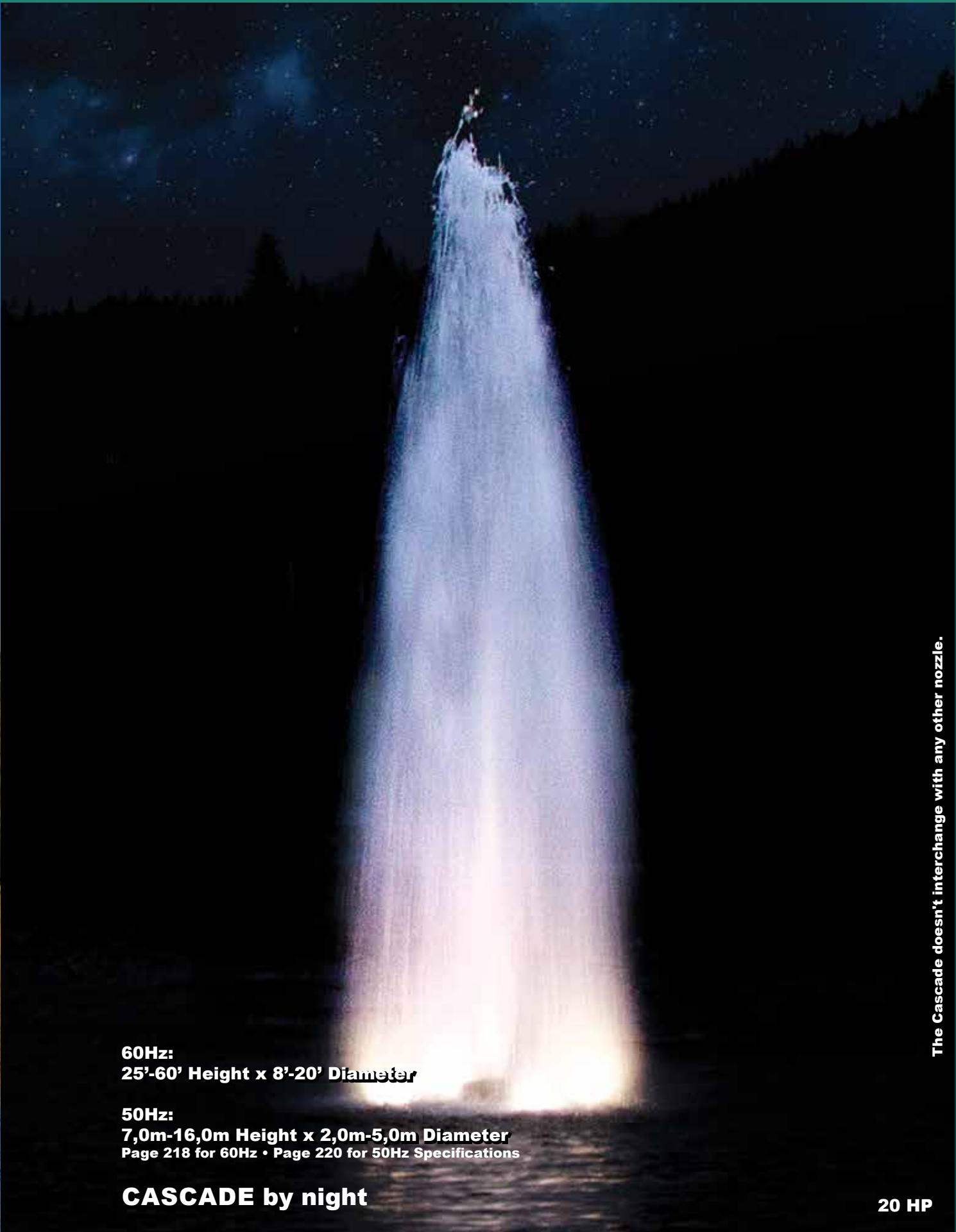
15 HP





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.

TITAN Series

TITAN Series



TITAN Series

TITAN Series

DAFFODIL

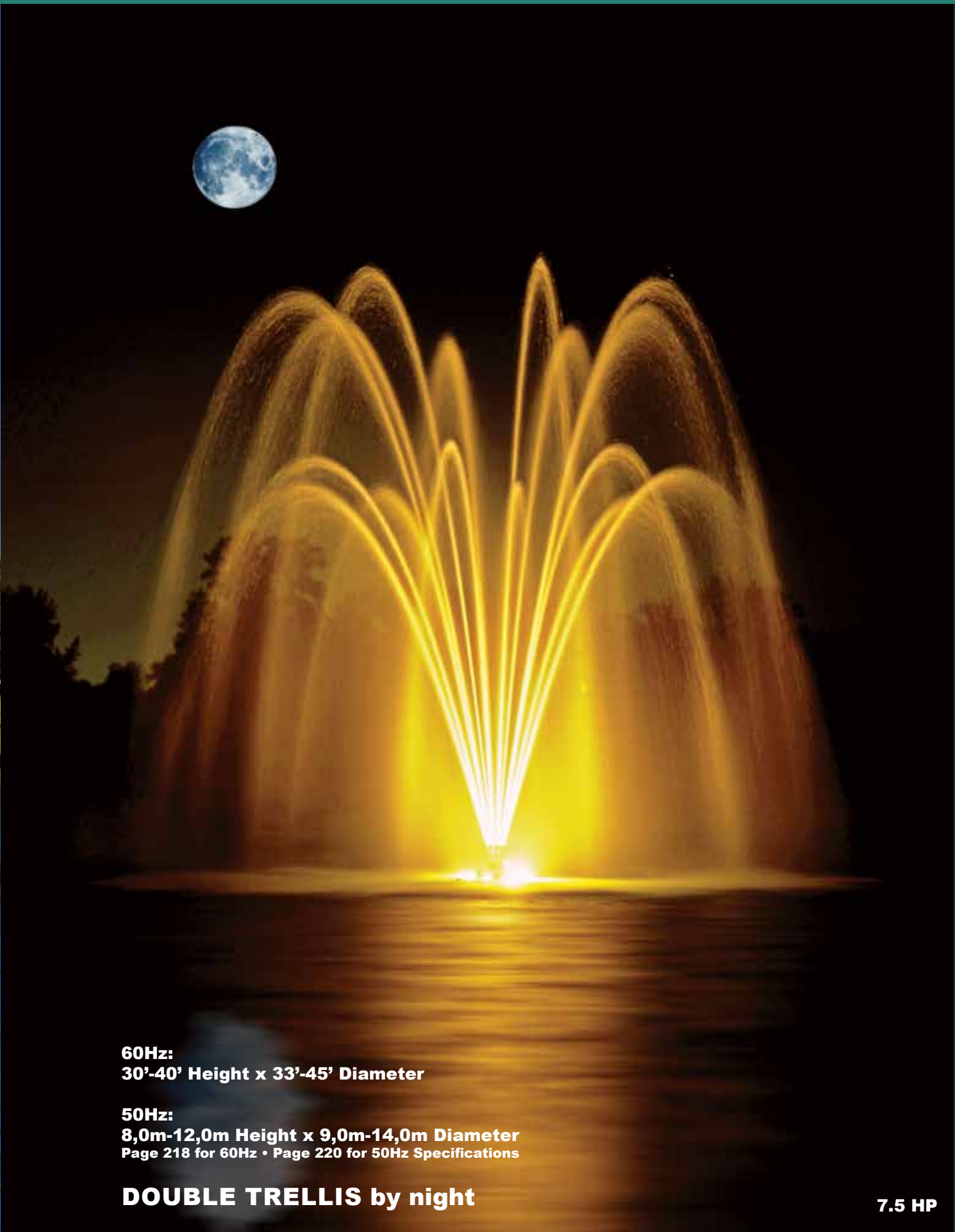
15 HP

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



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

DOUBLE TRELLIS

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

FLARE & SKY GEYSER

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





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

TITAN Series

TITAN Series

LILY

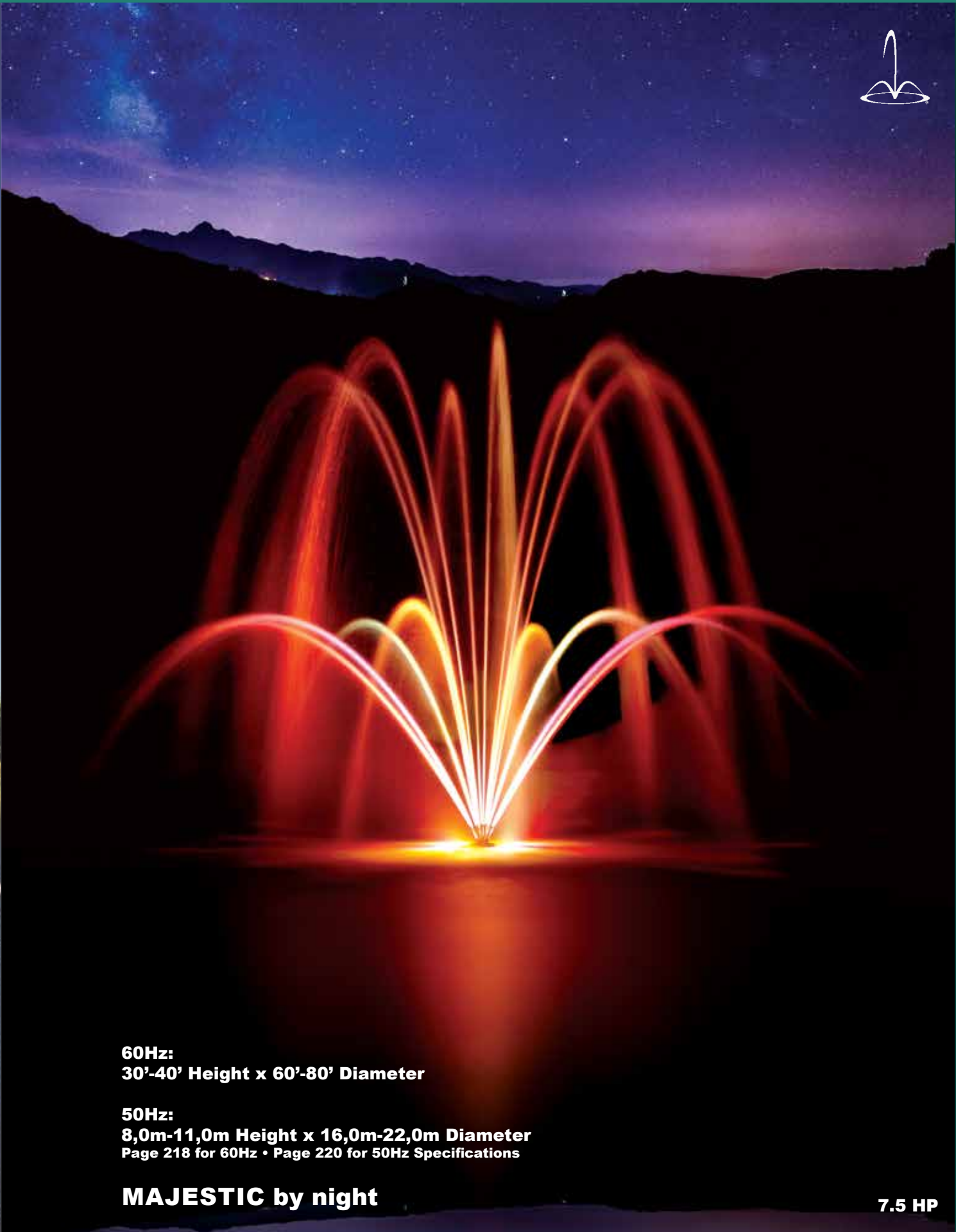
7.5 HP

15 HP



MAJESTIC

20 HP

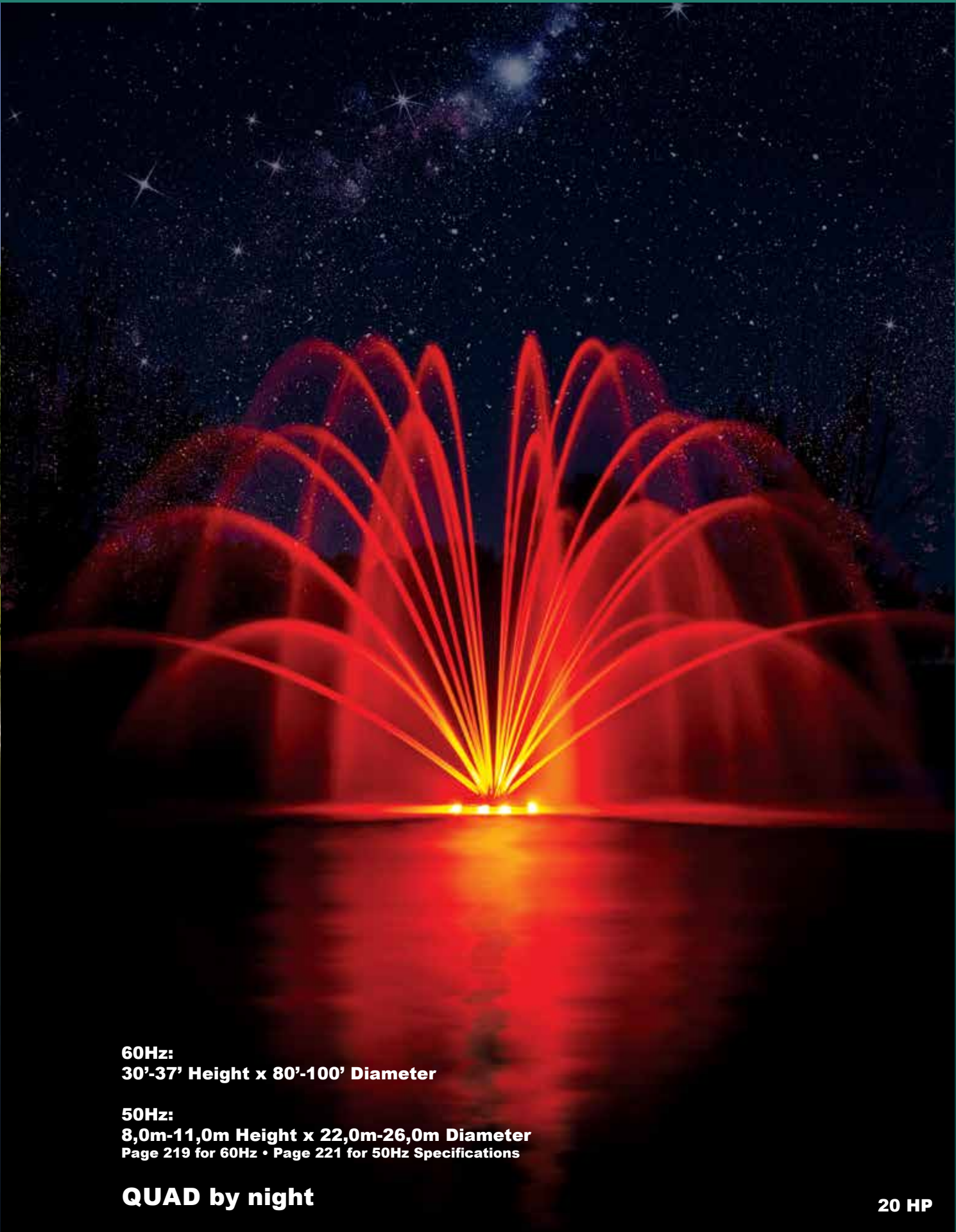


60Hz:
30'-40' Height x 60'-80' Diameter

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



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

TITAN Series

TITAN Series

QUAD

15 HP

20 HP



TITAN Series



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

TITAN Series



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

TITAN Series

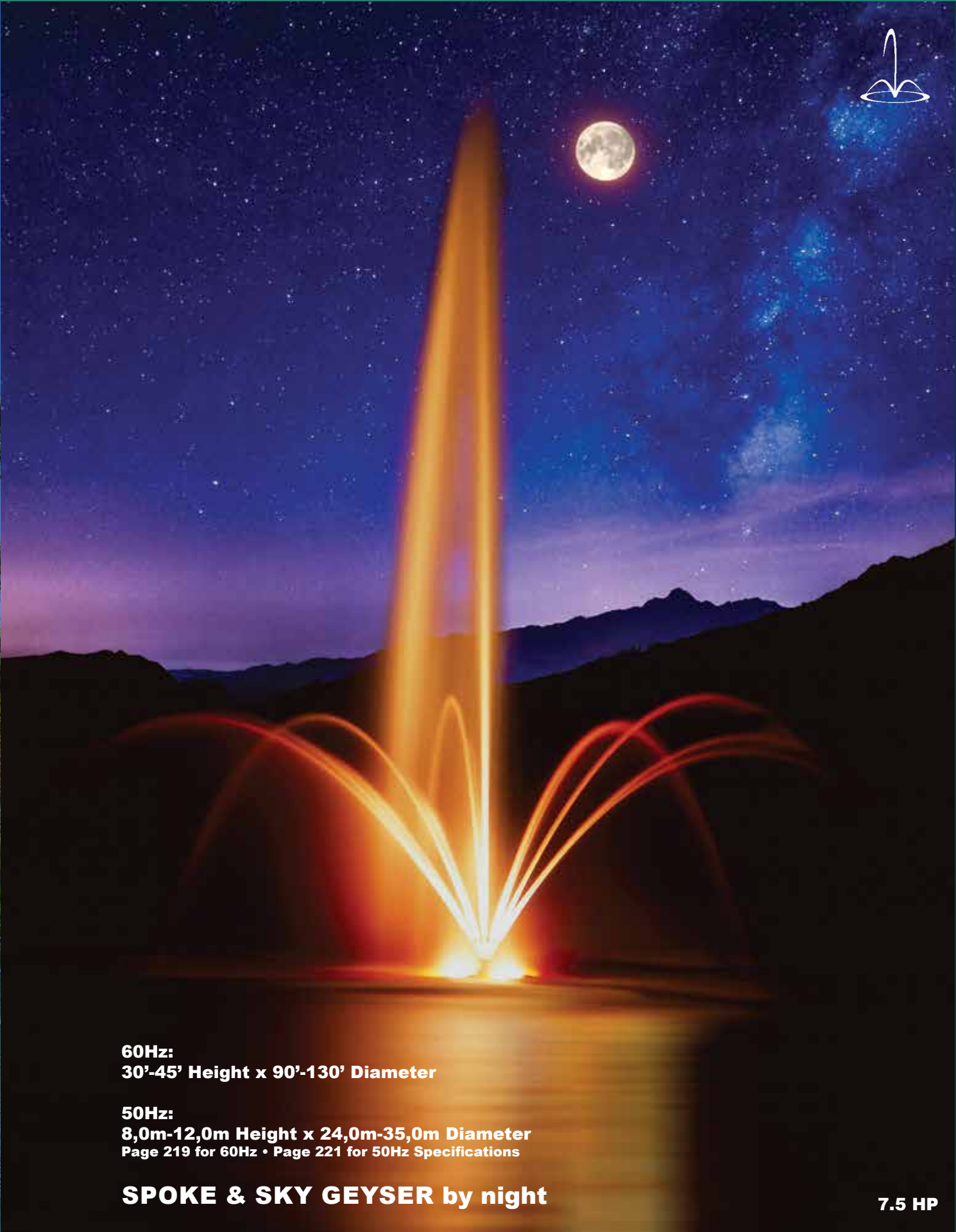
TITAN Series

TITAN Series



SPOKE & SKY GEYSER

10 HP



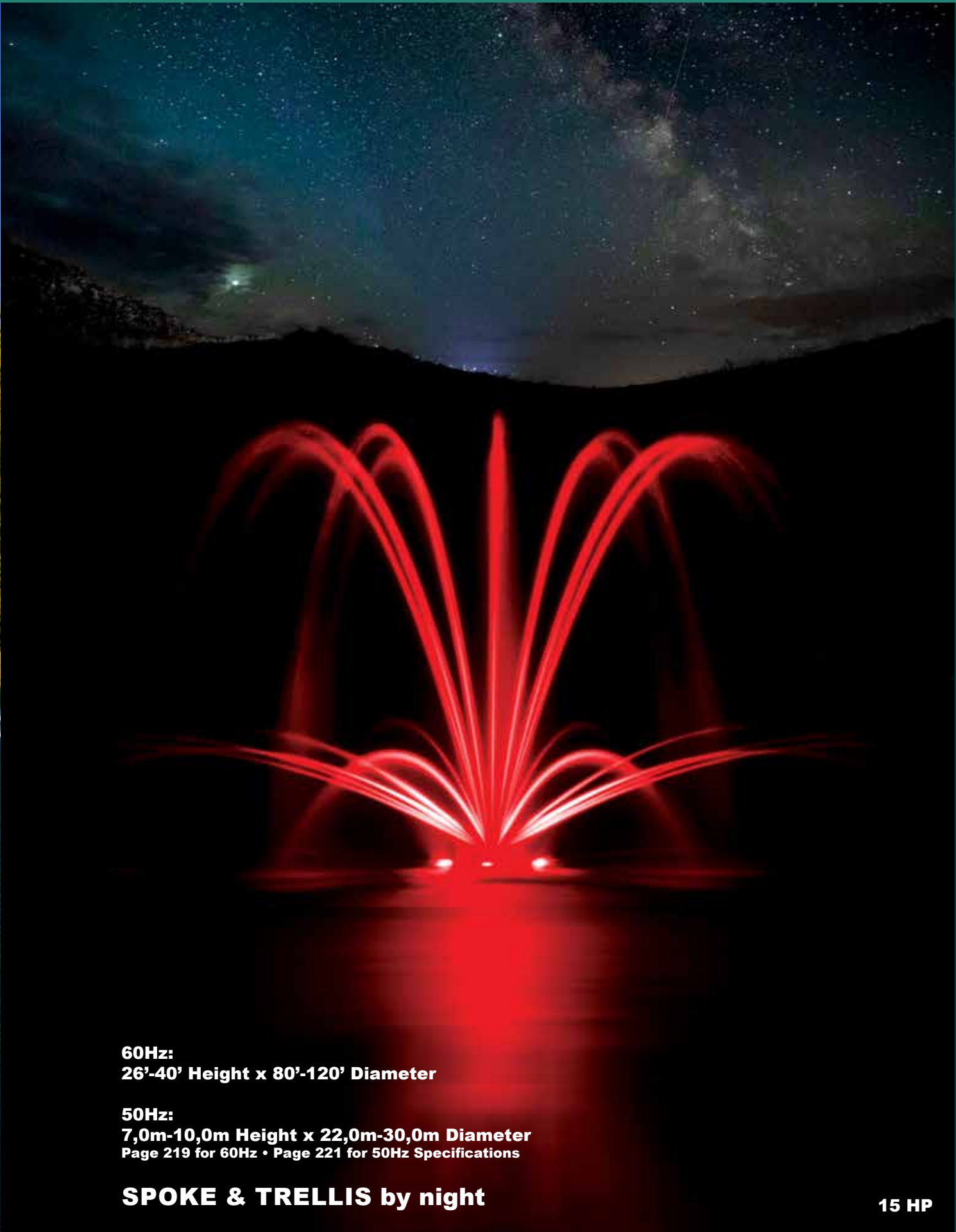
60Hz:
30'-45' Height x 90'-130' Diameter

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

TITAN Series



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

SPOKE & TRELLIS

10 HP

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



TITAN Series

TITAN Series

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.



GO TO AQUACONTROL.COM TO SEE A VIDEO

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	





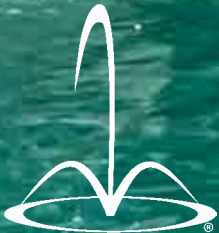
Waterfall Pump Systems

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

Niagara
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5 HP's

WATERFALL Pump Systems

WATERFALL Pump Systems



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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.

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

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WATERFALL
SIZING!**



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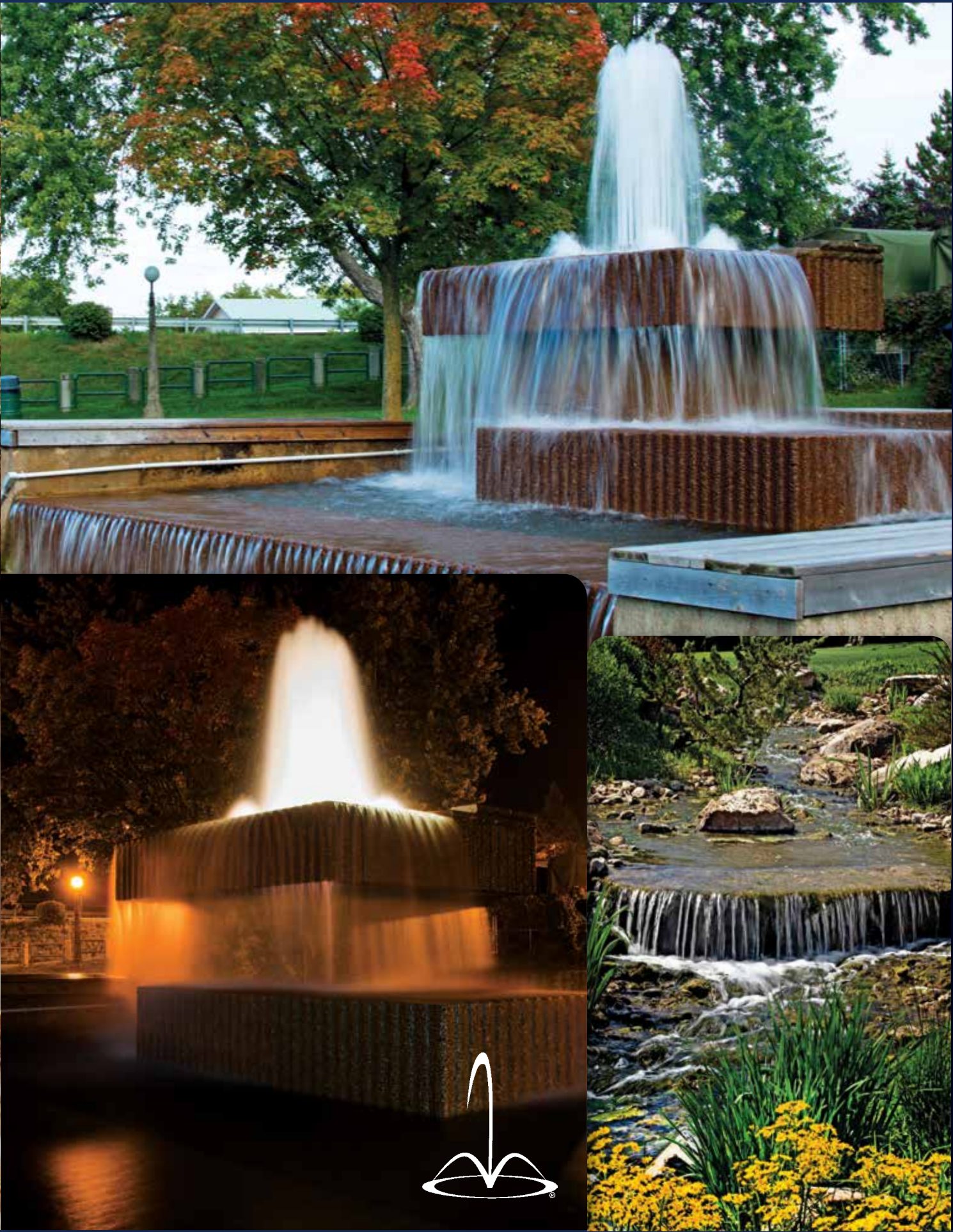
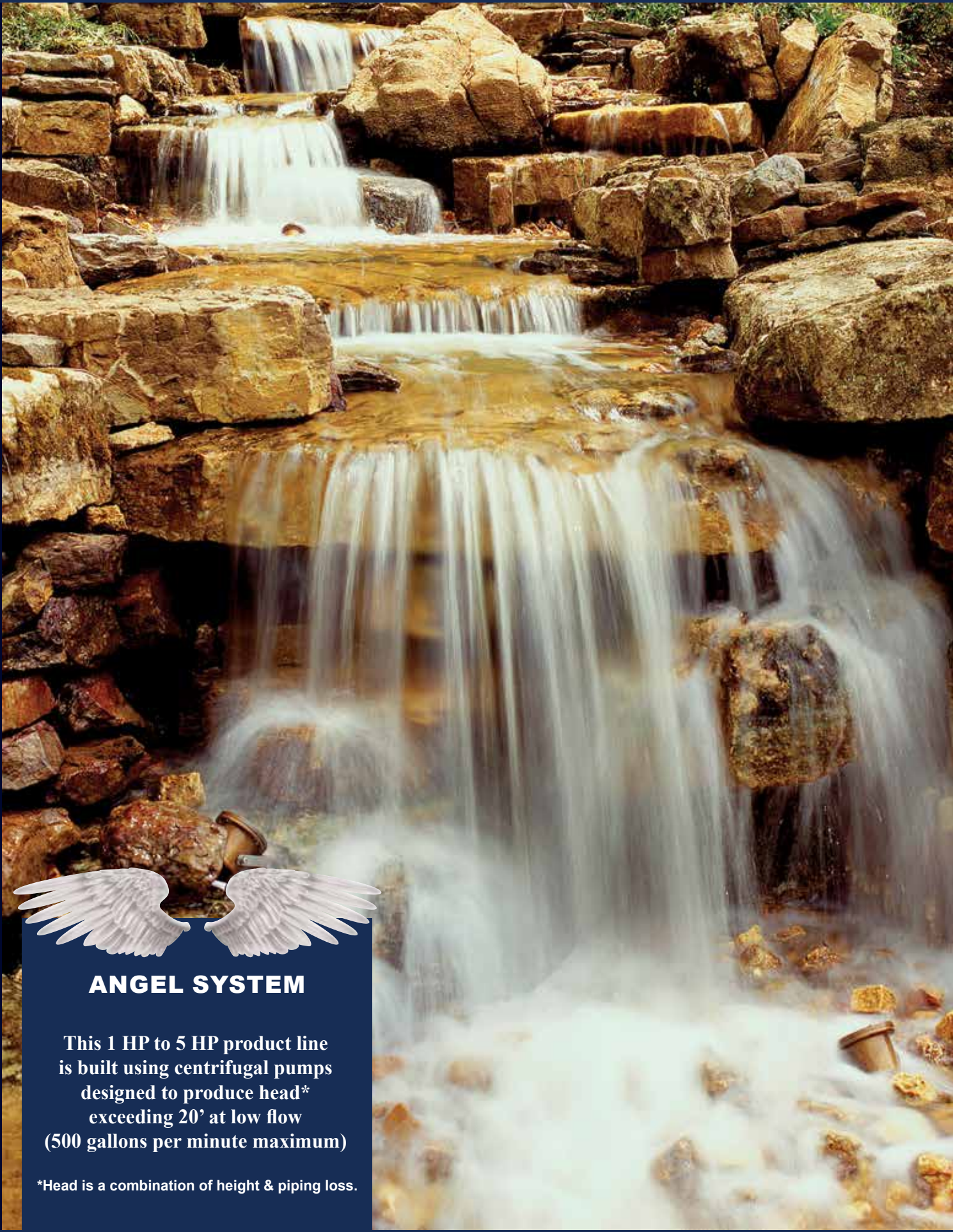
**HAVASU
SYSTEM**

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



**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

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



**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

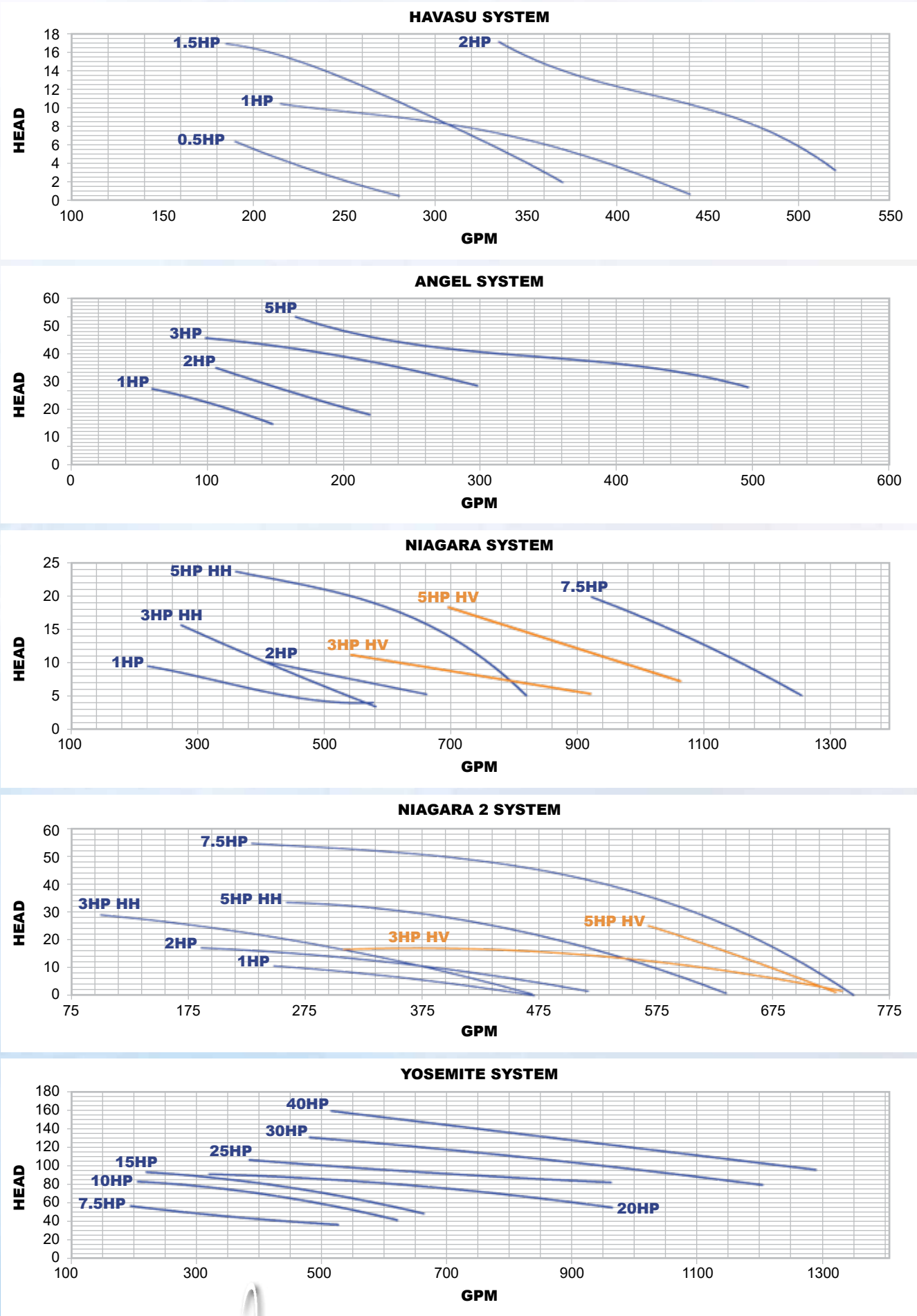
*Head is a combination of height & piping loss.



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)





Stationary Series

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



MultiArch Medium
Chapin • South Carolina
0.5 HP

STATIONARY Series

STATIONARY Series



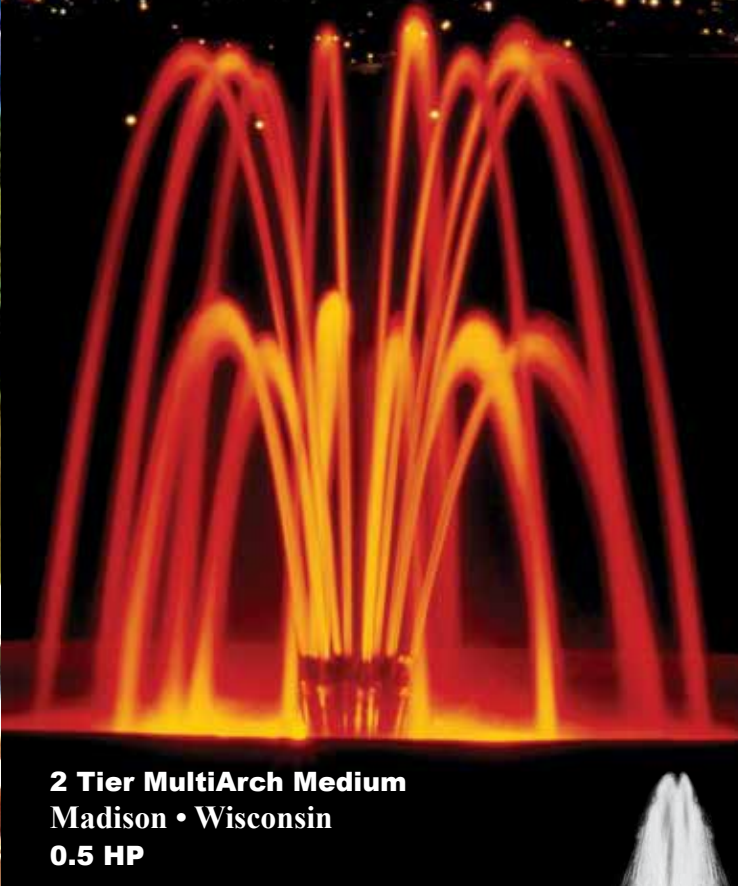
2022 Photo Contest Winner
1ST PLACE • W.P. Law, Inc.

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

STATIONARY Series

STATIONARY Series

Bowl Fountains

MultiArch Wide
Poplar Bluff • Missouri
1.0 HP



MutliArch Medium
Hartland • Wisconsin
1.0 HP



STATIONARY Series

STATIONARY Series

Bowl Fountains

MultiArch Medium
Lexington • Kentucky
1.0 HP



STATIONARY Series

STATIONARY Series



Stationary Aerators & Fountains

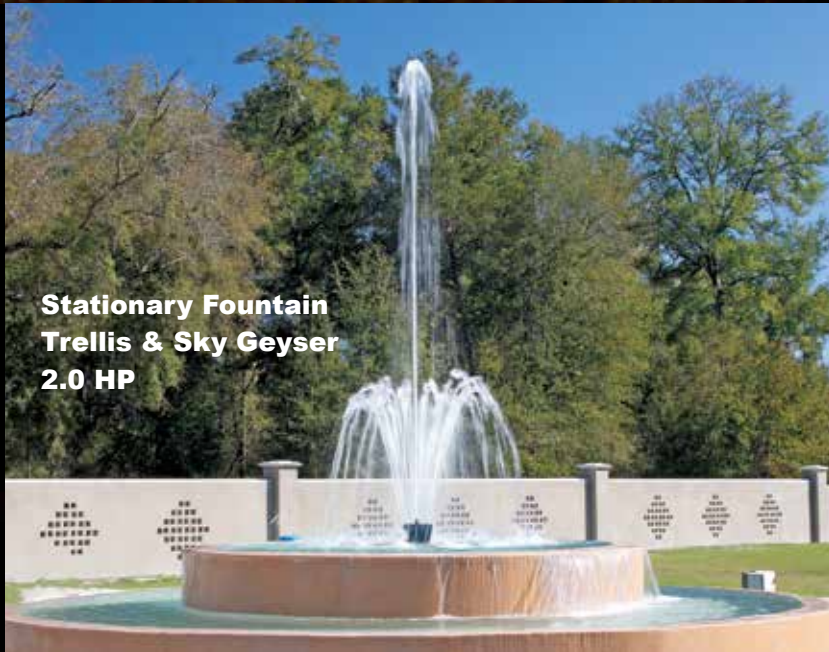
1 HP to 40 HP
Any spray nozzle from our Select Series, Select Series 2 or Titan Series
Operates in as little as 18" of water
No piping or vault required
Units come in tan, black or swimming pool blue



**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



STATIONARY Series

STATIONARY Series



**ANATOMY OF
A WATER
BASIN/BOWL**

STATIONARY Series

STATIONARY Series

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.

Drain Valve Key
Opens and closes drain in the Basin / Bowl.

Overflow Drain
Allows for excess water in the Basin / Bowl to exit into the sewer pipe.

Drain
Used for draining water in the Basin / Bowl. Flows to sewer pipe.

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.

Main Sewer Access



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.



CUSTOM Fountains

CUSTOM Fountains

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.

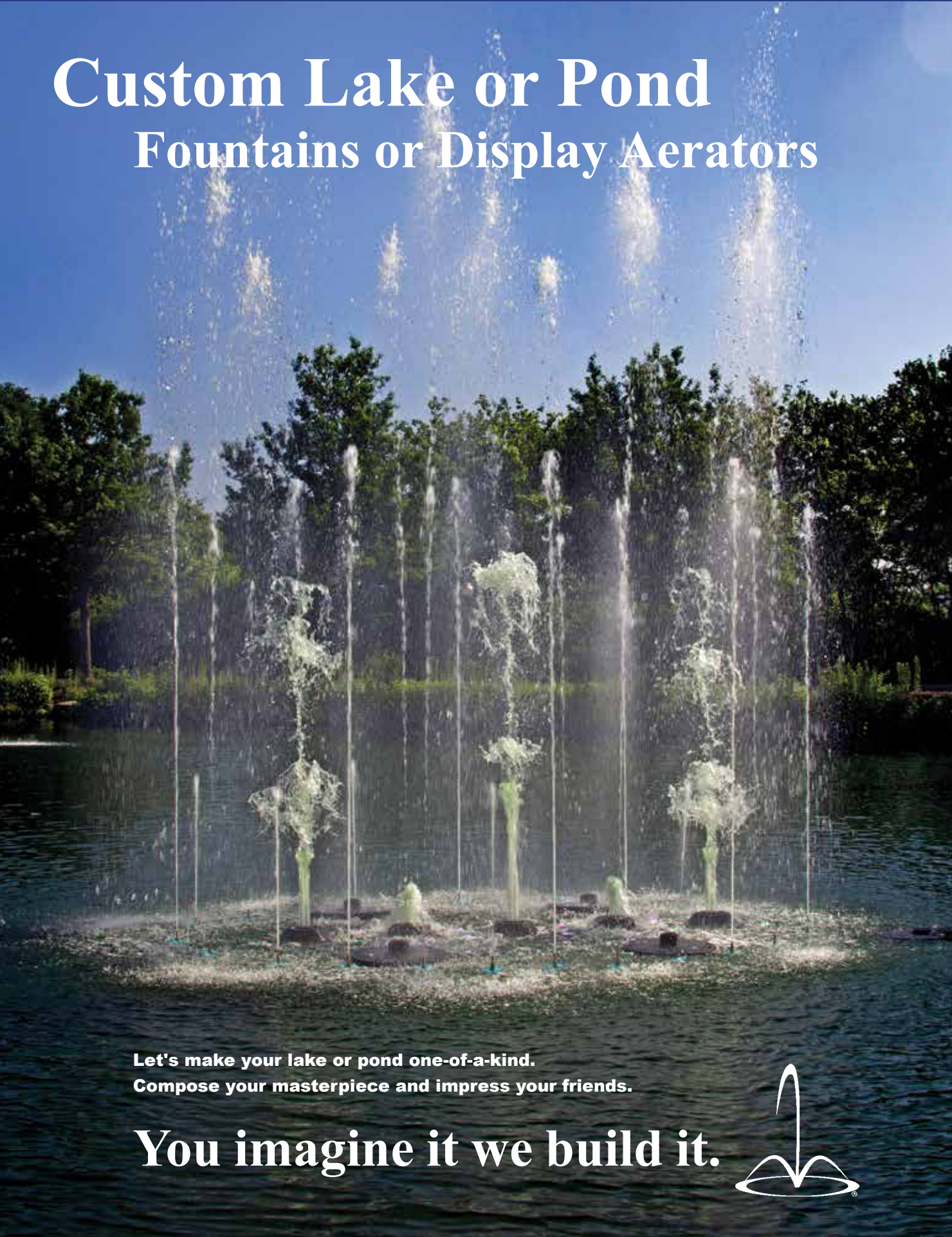
You imagine it we build it.



CUSTOM Fountains

CUSTOM Fountains

Custom Lake or Pond Fountains or Display Aerators

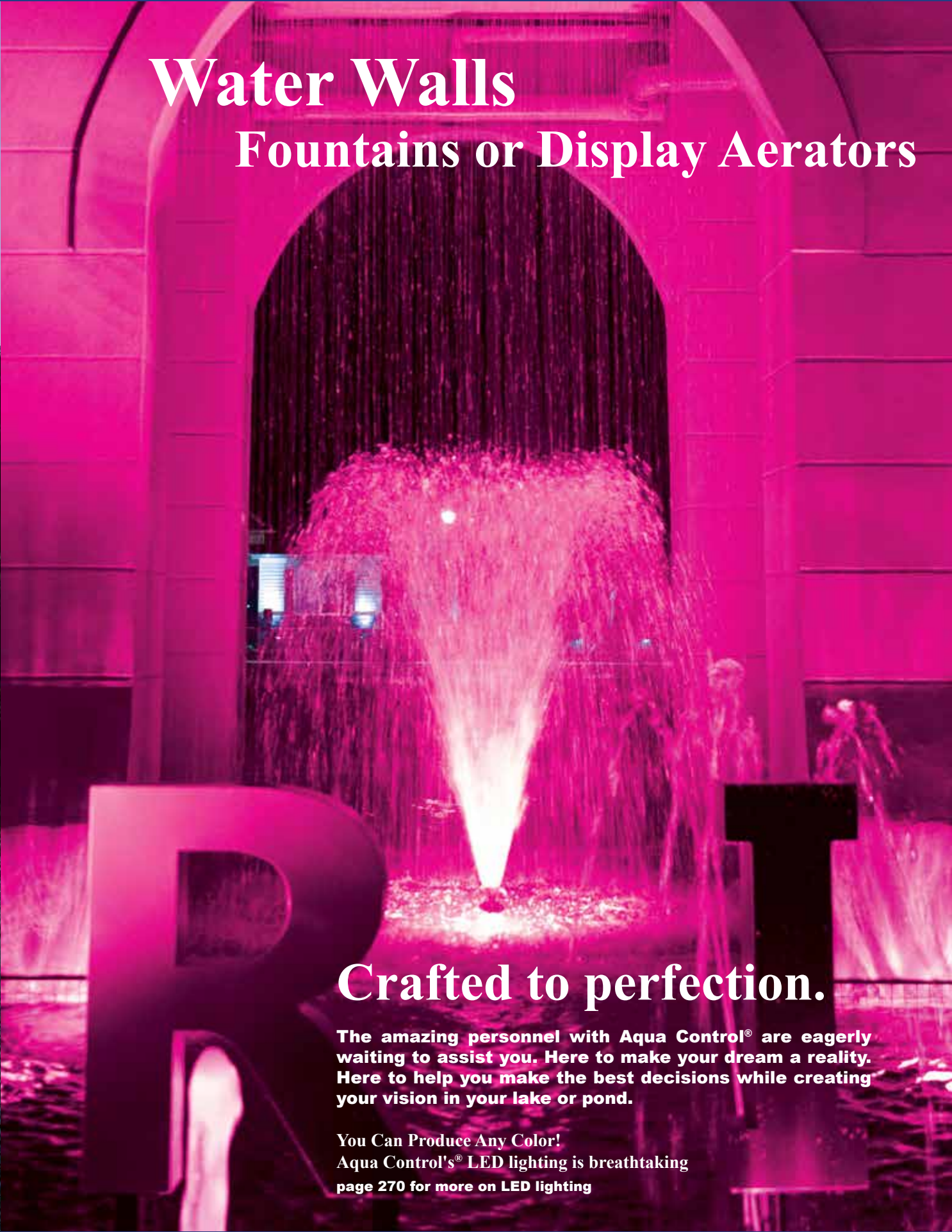


Let's make your lake or pond one-of-a-kind.
Compose your masterpiece and impress your friends.

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

CUSTOM Fountains

CUSTOM Fountains

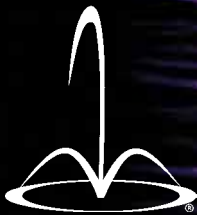
Dancing Fountains

You imagine it
We build it



CUSTOM Fountains

CUSTOM Fountains



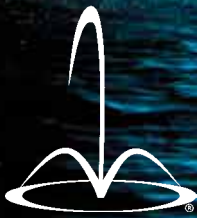
Dancing Fountains

You imagine it
We build it



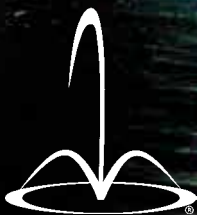
CUSTOM Fountains

CUSTOM Fountains



Dancing Fountains

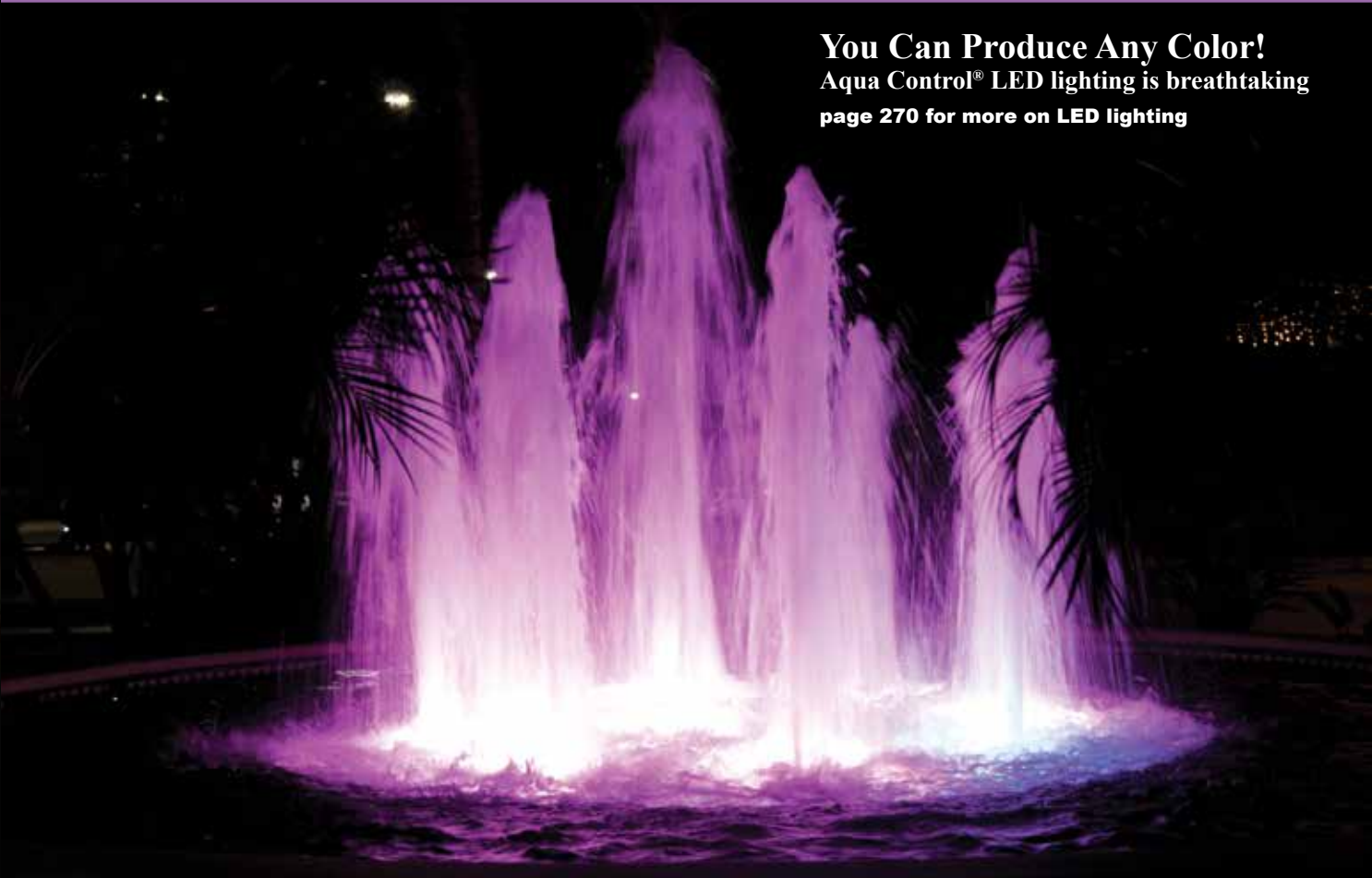
You imagine it
We build it



Ring Fountains



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



CUSTOM Fountains

CUSTOM Fountains

Is Aeration for You?



Tube Style

Disc Style

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

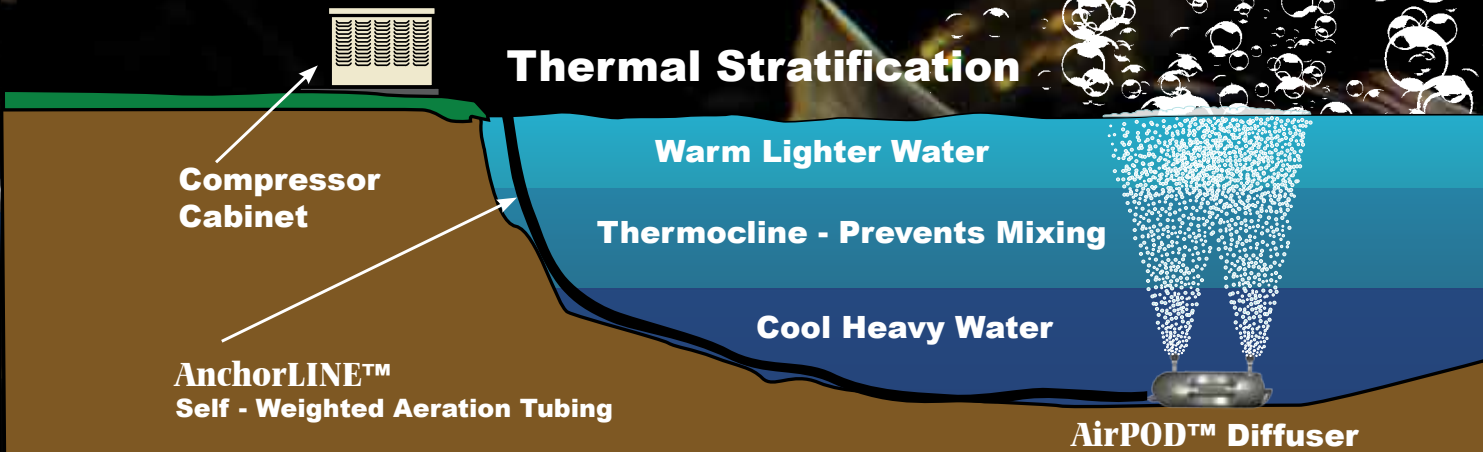
Built tough and easy to install.
The Aqua Control® AirPOD™ Diffuser has two styles.

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 it meets 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
- 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

This powerhouse aeration system vigorously moves unhealthy water from your lake or pond bottom to the surface where it meets the life-giving oxygen. The AirECO™ is a stunning system that 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
- 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

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

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

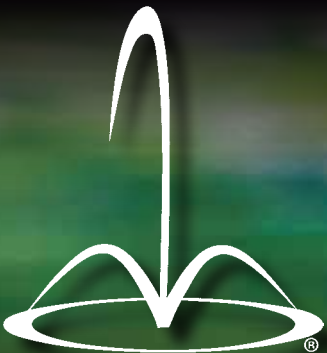
Systems	Approx. Pond Surface Area	Approx. Pond Volume	Amps 60Hz 120v/ 50Hz 230v	Wattage 60Hz/ 50Hz	Max CFM Air Output	Noise Level	Diffusers
SP10	4,000 sq. ft.	180,000 gal.	0.9/0.5	38/38	1.7	32	1
SP20	8,000 sq. ft.	360,000 gal.	1.6/0.9	71/71	3.7	36	2
SP30	12,000 sq. ft.	540,000 gal.	2.1/1.1	100/100	5.3	45	3
SP40	24,000 sq. ft.	1,080,000 gal.	3.3/1.8	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



POND / LAKE Aeration

POND / LAKE Aeration

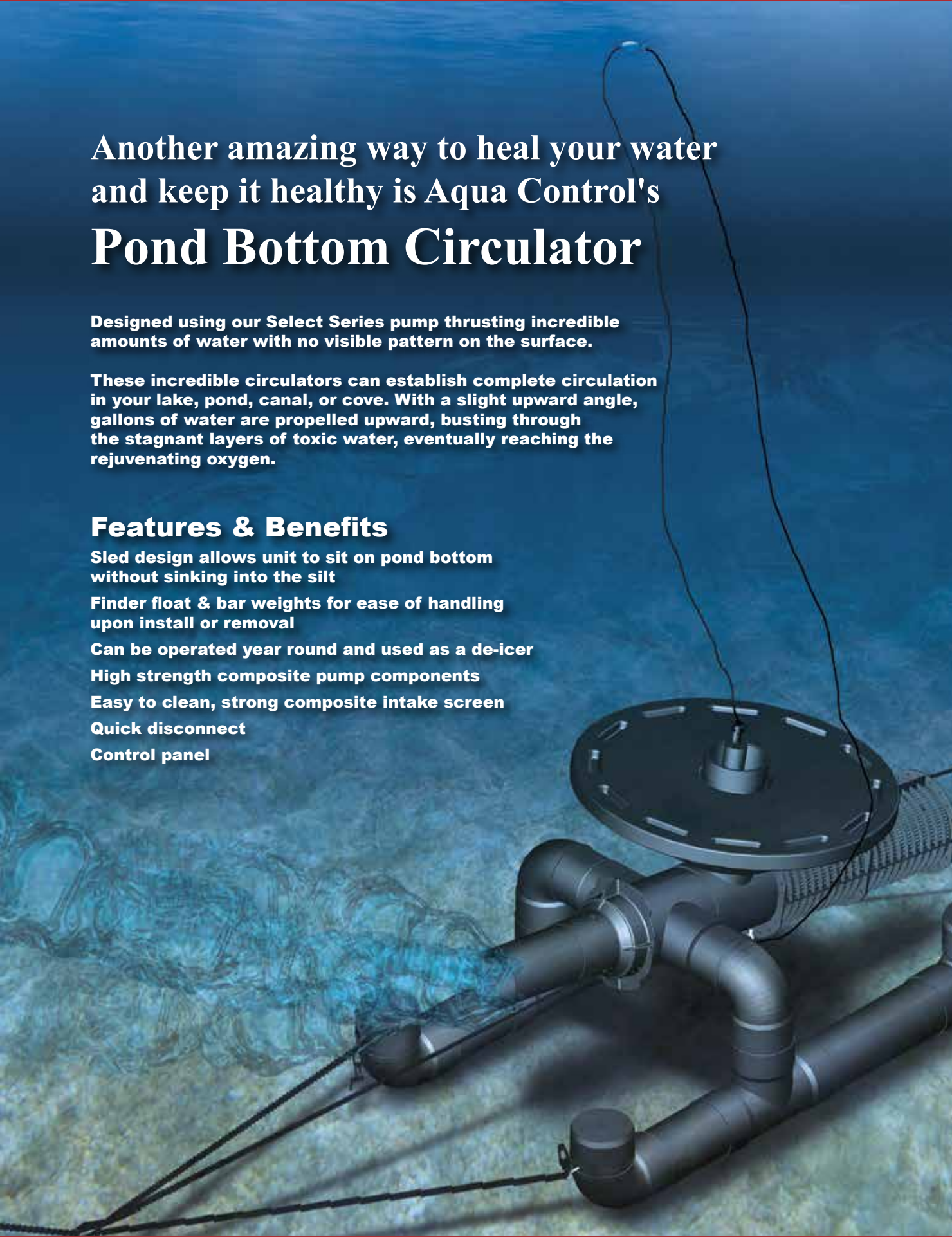
Another amazing way to heal your water and keep it healthy is Aqua Control's Pond Bottom Circulator

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



**YOU
CAN
PRODUCE
ANY
COLOR**



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

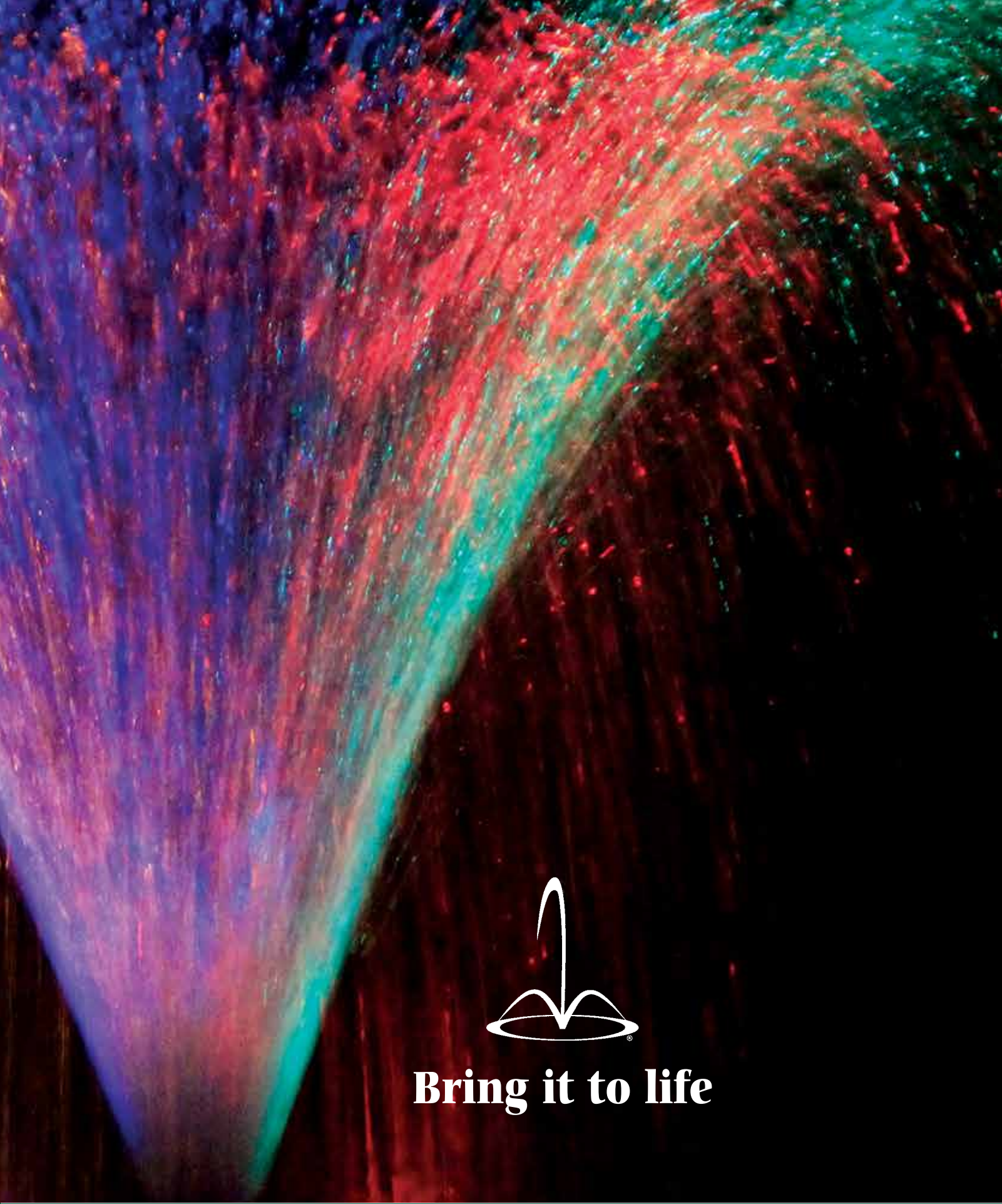
4,503 Lumens | 50 feet of brilliant illumination
Auto Random RGB is available

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



Bring it to life

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 other 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

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.

* 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 1.0HP - 2.0HP

- 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 1.0HP - 5.0HP SELECT SERIES 2 CONTROL PANEL 1.0HP - 7.5HP COMBO CONTROL PANEL 3.0HP AND 5.0HP 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

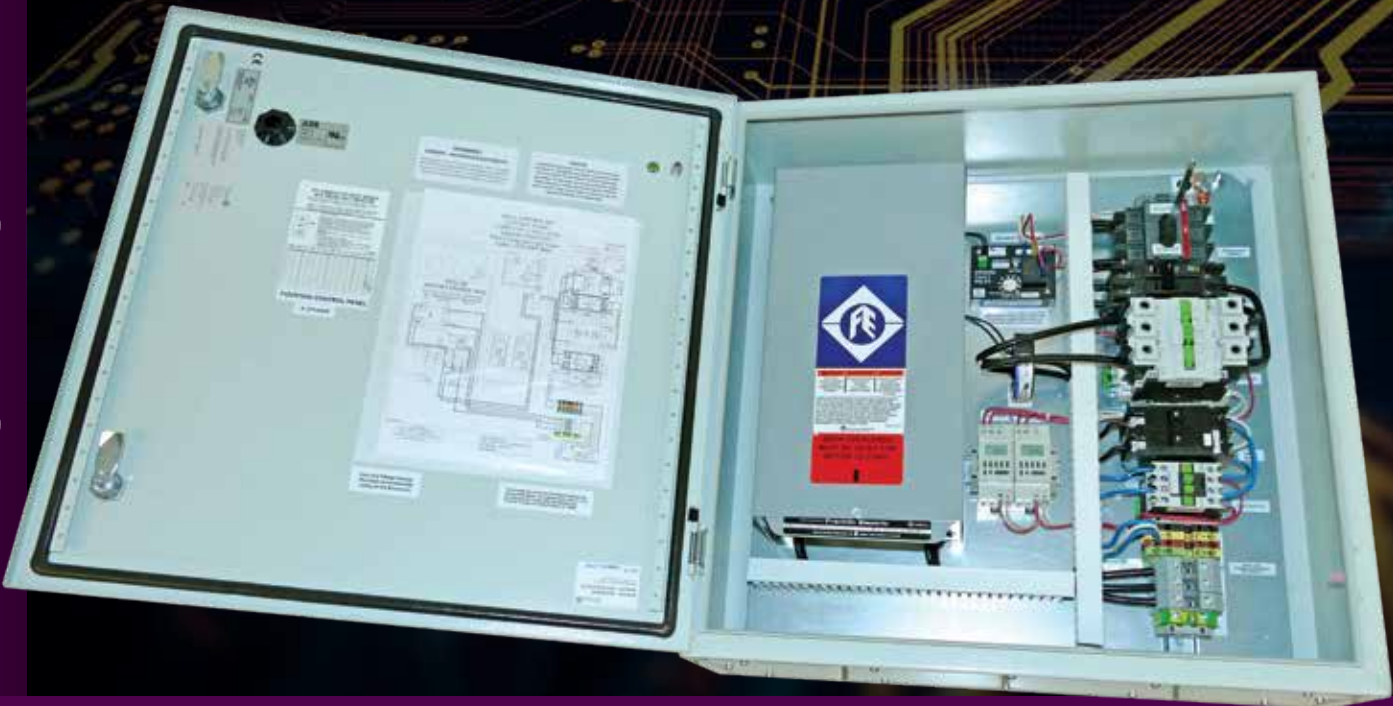
Control Panels

ELECTRICAL

Control Panel Options

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



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.



Fountain Manager

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.



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.



PHOTOCELL

A photocell 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 2 WATERFALLS
BOTTOM CIRCULATORS

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	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'

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	12 AMPS	1 KW	-	100'	150'	200'	-	-
1	115 V	1.4 HP	17 AMPS	1.5 KW	-	50'	100'	175'	200'	-
1.5	115 V	2.0 HP	22 AMPS	2.3 KW	-	-	75'	125'	200'	-
2.0	230 V	2.5 HP	13 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'	

Looking for Lighting Cables?
page 274 for Lighting Cables

ELECTRICAL

50Hz Motor Cables Chart

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

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	4 AMPS	0,37 KW	120 ^m (275')	210 ^m (580')	330 ^m (940')	500 ^m (1500')	820 ^m (2310')	1290 ^m (3600')
1	230 V	6 AMPS	0,75 KW	60 ^m (175')	110 ^m (310')	180 ^m (500')	270 ^m (800')	440 ^m (1240')	690 ^m (1940')
2	230 V	11 AMPS	1,5 KW	-	60 ^m (170')	100 ^m (280')	150 ^m (450')	250 ^m (710')	400 ^m (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	-	40 ^m (110')	60 ^m (190')	100 ^m (300')	170 ^m (470')	270 ^m (750')
5	230 V	22 AMPS	3,7 KW	-	-	40 ^m (N/A)	60 ^m (N/A)	110 ^m (300')	170 ^m (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	490 ^m (700')	820 ^m (2260')	1300 ^m (3640')	1950 ^m (5780')	3200 ^m (8920')	5020 ^m (9990')
2	400 V	5 AMPS	1,5 KW	260 ^m (425')	430 ^m (1210')	700 ^m (1940')	1040 ^m (3090')	1720 ^m (4790')	2700 ^m (7500')
3	400 V	6 AMPS	2,2 KW	170 ^m (350')	290 ^m (800')	460 ^m (1300')	700 ^m (2060')	1150 ^m (3210')	1800 ^m (5000')
5	400 V	10 AMPS	3,7 KW	-	170 ^m (470')	270 ^m (770')	410 ^m (1220')	680 ^m (1910')	1080 ^m (3000')
7.5	400 V	13 AMPS	5,5 KW	-	110 ^m (320')	190 ^m (520')	280 ^m (840')	470 ^m (1310')	740 ^m (2060')

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

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	60 ^m (200')	-	-	-	-	-
1	230 V	7 AMPS	0,75 KW	53 ^m (175')	60 ^m (200')	-	-	-	-
1.5	230 V	8 AMPS	1,1 KW	-	60 ^m (200')	-	-	-	-
2.0	230 V	10 AMPS	1,5 KW	-	45 ^m (150')	60 ^m (200')	-	-	-

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

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

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.



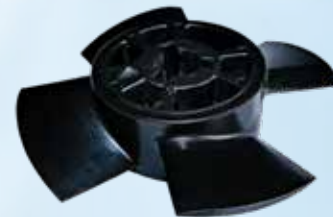
Floats

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.



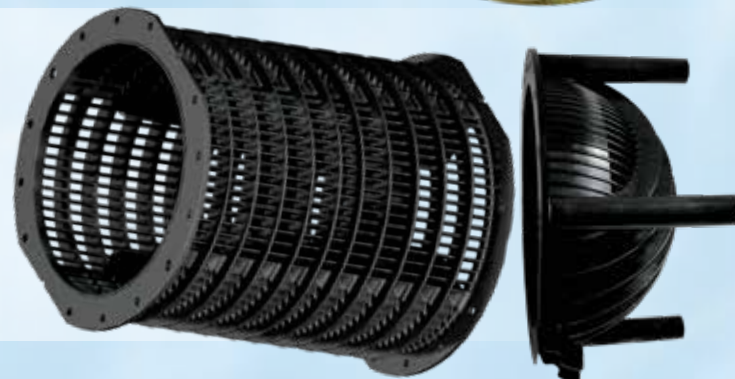
Fountain Pumps (Select Series)

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.

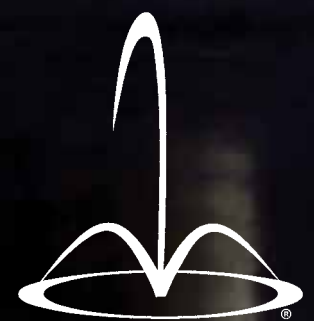
Max Total Light Wattage	500 W	1000 W	2000 W	3000 W	5000 W	6000 W	8000 W
kVA Rating	0.5 kVA	1.0 kVA	2.0 kVA	3.0 kVA	5.0 kVA	7.5 kVA	10 kVA

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.



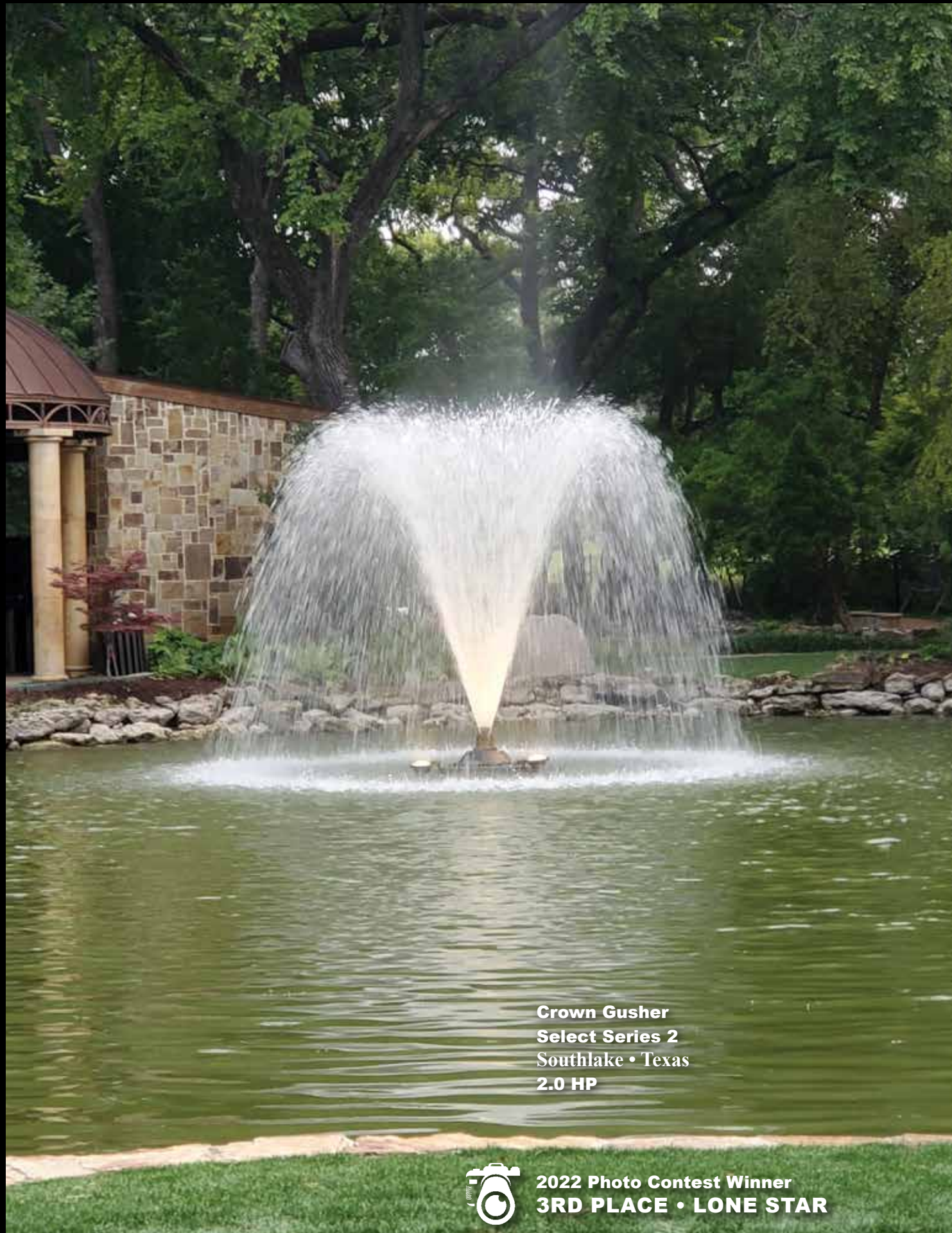


**Pentalator
Select Series 2
Cato Park Lake
Stawell Victoria, Australia
K Meyer - photographer
2.0 HP**



**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



Scepter
Titan
Frisco • Texas
25 HP



2022 Photo Contest Winner
3RD PLACE • LONE STAR

HONORABLE MENTIONS



Aqua Doc Lake & Pond Management • Ohio



Fountain Works • Ireland



Lone Star Fountains
Texas



Aquatic Technologies • Australia



Lone Star Fountains • Texas



Globen Co. Ltd. • Japan



Lone Star Fountains • Texas



Lone Star Fountains • Texas



Aquatic Technologies • Australia



Lone Star Fountains
Texas



Lone Star Fountains • Texas

HONORABLE MENTIONS



Globen Co. Ltd. • Japan



Universal Equipment
Puerto Rico



Lone Star Fountains
Texas



Water Supply Products
New Zealand



Lone Star Fountains • Texas



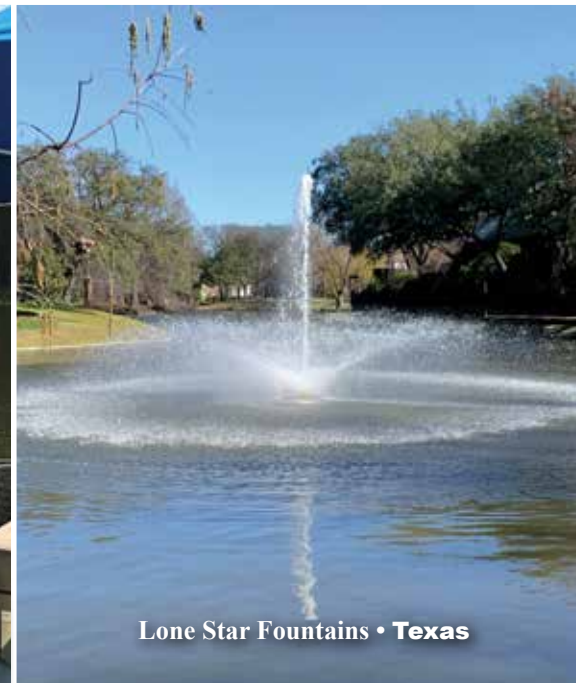
Photo Contest
HONORABLE
MENTIONS



The Lake Doctors, inc. • Florida



North Florida Irrigation
Florida



Lone Star Fountains • Texas



WP Law inc.
South Carolina



Lone Star Fountains • Texas



Configurations

Select Series

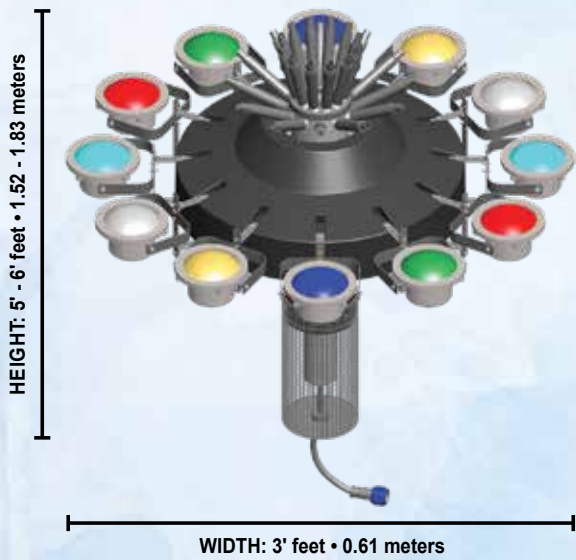
A pallet for an assembled Horizontal Configuration, regardless of horsepower, is 72"L x 48"W x 39"H (1.83m x 1.22m x 1.00m). Lights, control panel, cords and nozzle all fit on the pallet in most circumstances.

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)

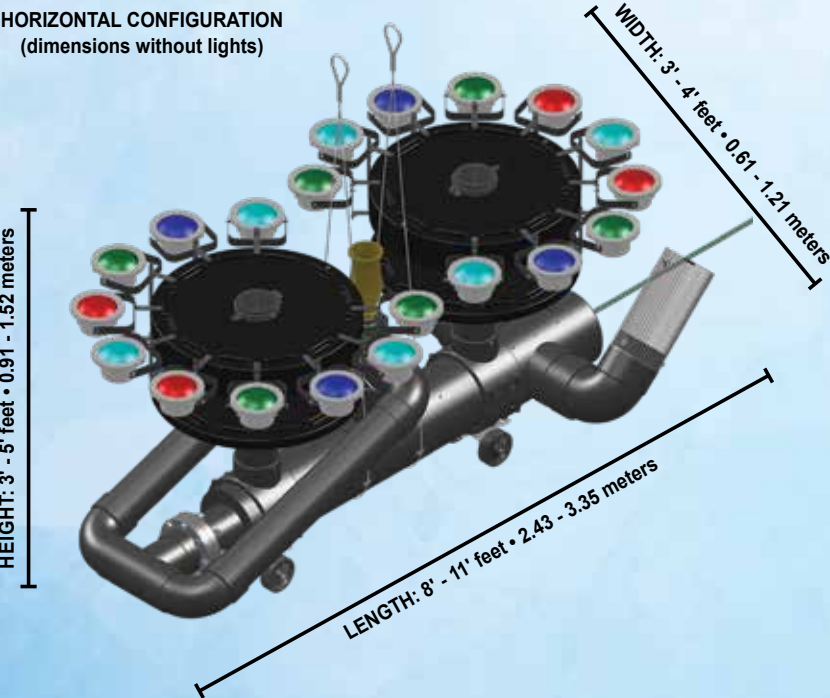


Titan Series

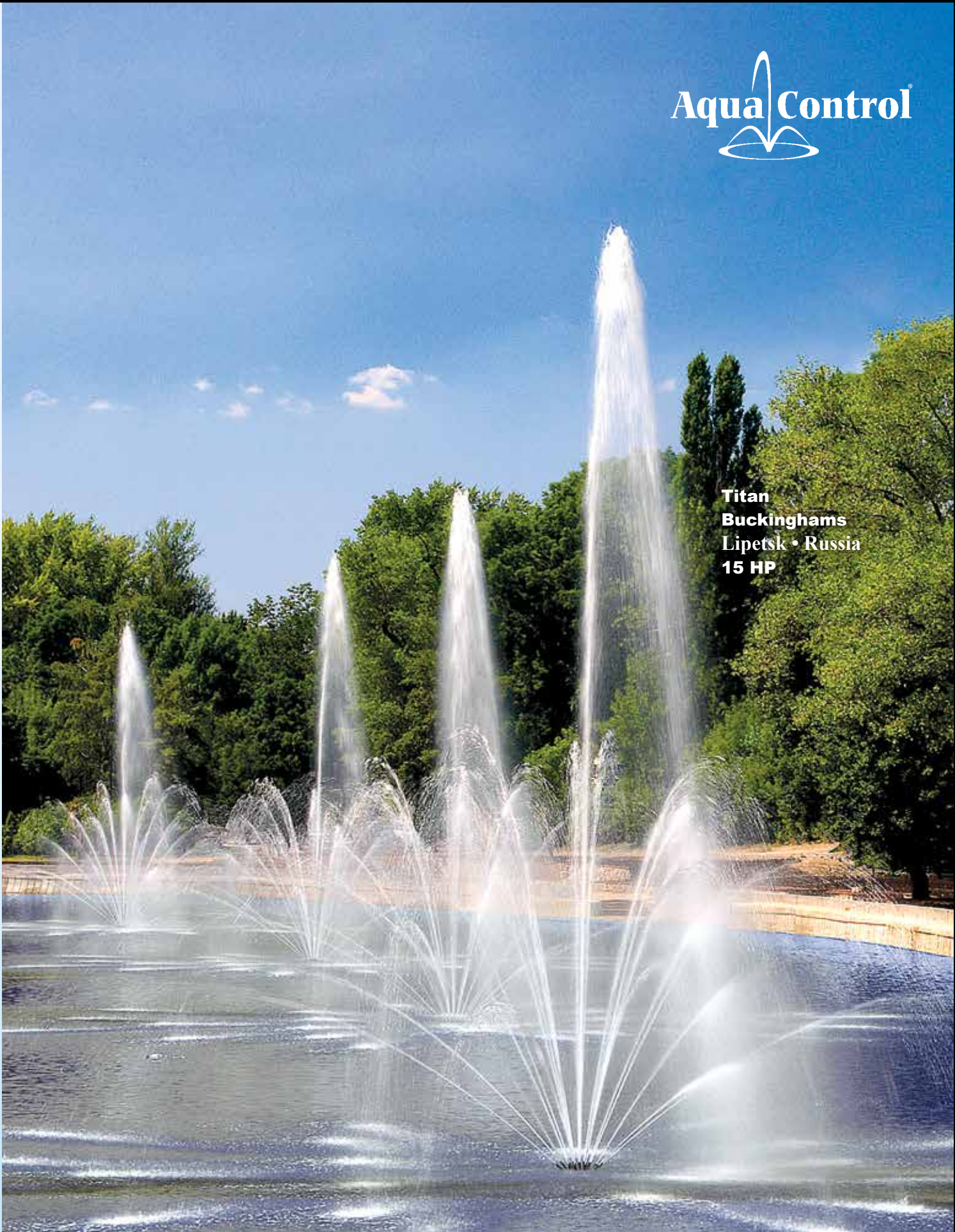
Titan Fountains weigh from 500-1500 lbs. It may be desirable to use a crane during installation and removal from the water.

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)



Titan
Buckingham
Lipetsk • Russia
15 HP



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 against 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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