



AERATING FOUNTAINS



Effective January 01, 2011 - Euros

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Discount Category : 23



3HP GEMINI AND TWO 3HP ROCKETS
WITH MR16 LOW VOLTAGE LIGHTS IN
EMMAUS, PENNSYLVANIA

WITH POPULATIONS MULTIPLYING at increasing rates, the global demand for clean water is growing. Often land development creates pollutants that are rich in nutrients containing high levels of phosphorus and nitrogen that rob a pond of oxygen. Low oxygen levels combined with minimal circulation prematurely ages a water body and throws the natural ecosystem out of balance.

Visible indicators that the pond is suffering from a lack of oxygen are algae, aquatic weeds, insects and foul odors - not only are these conditions unsightly but they can be detrimental if a pond is being used to water livestock or irrigate crops and turf. These indicators alert us to the need for implementing a water quality management solution.

The most natural water quality management solution is to introduce aeration into a pond or lake and induce oxygen into the water column creating currents that eliminate stagnant water. Aeration mixes cool bottom water with warm surface water helping to eliminate thermal stratification. It also replenishes the depleted oxygen encouraging the production and longevity of healthy aerobic bacteria that consume excess nutrients and returns the water feature to a healthy and stable ecosystem. Aeration systems provide many benefits, but most importantly they improve water quality leaving clean, healthy ponds and lakes.





AERATION SYSTEMS consist of aerating fountains, industrial aerators and diffused air systems – each with unique features that should be reviewed when determining the needs of your water feature. Our aeration systems are widely used throughout the world by golf courses, corporations, parks, resorts, and homeowners to effectively manage the water quality of their ponds and lakes. Able to operate in effluent and brackish water, our systems have the strongest most comprehensive warranties in the industry and offer years of trouble-free service.

Two measurements of any aeration system regardless of configuration are oxygen transfer and pumping rates. Our focus to provide the most effective aeration systems is evident by being the only manufacturer to publish performance results from independent tests conducted on our products at accredited, third party laboratories throughout the U.S.A.

Choosing the right system is critical and depends on the amount of aquatic vegetation, the visual effect desired and the available power.

When determining aeration vs. aesthetic needs, know that aeration systems should provide a minimum of 1kg of oxygen per horsepower hour, and produce pumping rates of 86m³/hr at a one horsepower level. Recommended sizing is 2HP per surface acre when using these products for water quality management.

3 HP SUNBURST IN
KRAKOW, POLAND



OUR AERATING FOUNTAINS should not be confused with floating fountains. These surface spray aerators are engineered to provide results, and although they create attractive displays selection should be based off their performance when desiring the benefits of aeration.

A unique mixed flow pumping system delivers aeration when you need it, while stainless steel and high intensity thermal plastic construction will stand up to effluent and brackish water conditions. Offering both function and beauty; these units operate in as little as 75cm of water and all of the spray patterns in the 1-5HP line are interchangeable.

Perfect for any golf course, commercial complex, park or backyard landscape, the beauty of Aerating Fountains can be taken from day to night with the addition of our MR16 4-light low voltage Fountain Glo™ lighting system.



◀ 2HP SUNBURST IN GALVESTON, TEXAS

SUNBURST



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0001-150	OT01-0082-215 OT19-0001-250	OT01-0083-335 OT19-0001-350	OT01-0085-335 OT19-0001-550
Spray Height (m)	1.2	2	2.9	3.2
Spray Diam. (m)	5	7.3	8.6	11.6
m³/hr	114.4	138.1	167.2	237.3
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/7
Warranty	5 Years	5 Years	5 Years	5 Years
Price	3897,25 €	4493,22 €	5413,23 €	6157,79 €

GEMINI



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0005-150	OT01-0082-215 OT19-0005-250	OT01-0083-335 OT19-0005-350	OT01-0085-335 OT19-0005-550
Spray Height (m)	2	2.6	3.5	4.4
Spray Diam. (m)	4	4.7	6.9	9.5
m³/hr	119.7	143.5	172.6	242.7
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/7
Warranty	5 Years	5 Years	5 Years	5 Years
Price	3812,17 €	4408,13 €	5328,14 €	6072,70 €

SATURN



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0013-150	OT01-0082-215 OT19-0013-250	OT01-0083-335 OT19-0013-350	OT01-0085-335 OT19-0013-550
Spray Height (m)	.5	.9	1.4	1.5
Spray Diam. (m)	2.1	3.3	6.1	7
m³/hr	86.3	103.6	125.1	178
Volt/Ph/Amp 2875@50hz	220/1/6.2	220/1/10.8	380/3/3.4	380/3/6
Warranty	5 Years	5 Years	5 Years	5 Years
Price	3857,25 €	4453,22 €	5373,23 €	6117,79 €

- Minimum operating depth : 0,75 m
- Low voltage lighth accessories available

AERATION LINE

While all our Aerating Fountains provide plenty of aeration, the simple beauty of our Sunburst, Gemini and Saturn units is created through an open-throat impeller design that allows them to move over three times more water than decorative patterns. The following three systems offer the best solution to those searching for an attractive display with the capability to manage severe aquatic environments.



PHOENIX



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0003-150	OT01-0082-215 OT19-0003-250	OT01-0083-335 OT19-0003-350	OT01-0085-335 OT19-0003-550
Spray Height (m)	UPPER: 3 LOWER: 1.2	UPPER: 4 LOWER: 1.8	UPPER: 4.2 LOWER: 2	UPPER: 4.2 LOWER: 2
Spray Diam. (m)	UPPER: 0.6 LOWER: 5.5	UPPER: 0.6 LOWER: 6.4	UPPER: 0.9 LOWER: 7.2	UPPER: 0.9 LOWER: 7.2
m³/hr	32.4	45.3	59.3	59.3
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/4
Warranty	5 Years	5 Years	5 Years	5 Years
Price	4901,02 €	5496,99 €	6416,99 €	7161,55 €

TRISTAR



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0004-150	OT01-0082-215 OT19-0004-250	OT01-0083-335 OT19-0004-350	OT01-0085-335 OT19-0004-550
Spray Height (m)	UPPER: 3 MIDDLE: 1.8 LOWER: 0.9	UPPER: 4 MIDDLE: 2.4 LOWER: 1.2	UPPER: 4.6 MIDDLE: 3.2 LOWER: 2	UPPER: 4.6 MIDDLE: 3.2 LOWER: 2
Spray Diam. (m)	UPPER: 0.6 MIDDLE: 2.7 LOWER: 4	UPPER: 0.6 MIDDLE: 3 LOWER: 5.2	UPPER: 0.9 MIDDLE: 3.8 LOWER: 6.1	UPPER: 0.9 MIDDLE: 3.8 LOWER: 6.1
m³/hr	32.4	45.3	59.3	59.3
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/4
Warranty	5 Years	5 Years	5 Years	5 Years
Price	4800,81 €	5396,78 €	6316,79 €	7061,34 €

ROCKET



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0002-150	OT01-0082-215 OT19-0002-250	OT01-0083-335 OT19-0002-350	OT01-0085-335 OT19-0002-550
Spray Height (m)	3.8-4.4	4.9-5.5	5.6-6.2	5.6-6.2
Spray Diam. (m)	1.5	1.5	2.4	2.4
m³/hr	23.7	33.4	43.2	43.2
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/4
Warranty	5 Years	5 Years	5 Years	5 Years
Price	4550,30 €	5146,27 €	6066,28 €	6810,84 €

- Minimum operating depth : 0,75 m
- Low voltage light accessories available



DECORATIVE LINE

Featuring seven patterns that are built upon staged pumping chambers, these systems are designed to create intricate, striking displays. From our single tiered Rocket to our more elaborate Equinox pattern, the decorative line is ideal for those desiring a 'fountain-like' display with the additional benefit of aeration. When strong aeration is needed for severe aquatic environments we recommend combining these decorative systems with any pattern under our aeration line or any unit within the Industrial Aerators section.

COMET

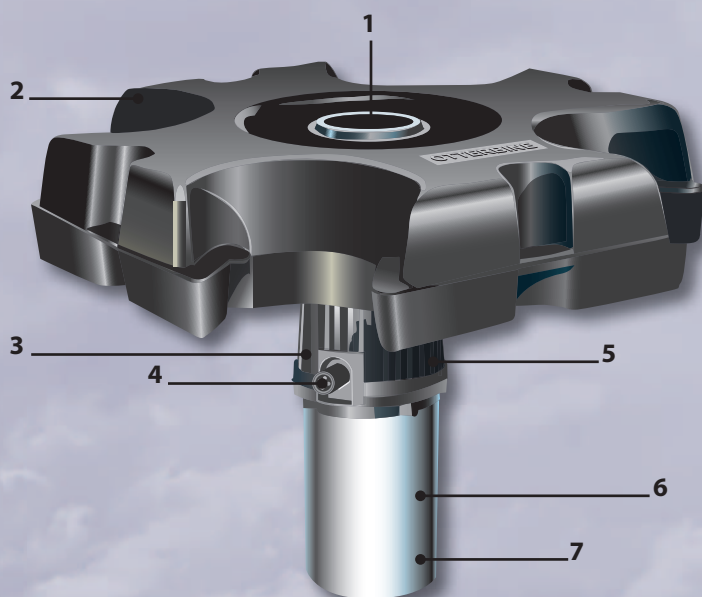


50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0012-150	OT01-0082-215 OT19-0012-250	OT01-0083-335 OT19-0012-350	OT01-0085-335 OT19-0012-550
Spray Height (m)	2.8-3.4	4.4-5	5.2-6.8	5.2-6.8
Spray Diam. (m)	1.5	1.5	2.4	2.4
m³/hr	28	39.9	51.8	51.8
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/4
Warranty	5 Years	5 Years	5 Years	5 Years
Price	4692,11 €	5288,08 €	6208,09 €	6952,65 €

EQUINOX



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0028-150	OT01-0082-215 OT19-0028-250	OT01-0083-335 OT19-0028-350	OT01-0085-335 OT19-0028-550
Spray Height (m)	3	4	4.5	5.3
Spray Diam. (m)	10.5	12	17	18.3
m³/hr	32.4	45.3	59.3	59.3
Volt/Ph/Amp 2875@50hz	220/1/8.5	220/1/10.5	380/3/3.5	380/3/3.8
Warranty	5 Years	5 Years	5 Years	5 Years
Price	4870,03 €	5466,00 €	6386,01 €	7130,56 €



PRODUCT ILLUSTRATION

1. High-tech thermal plastic pumping chambers are staged to allow for easy interchange.
2. Rugged low visibility closed cell foam filled float includes handles and protective pockets for lights when applicable.
3. Industrial strength thermal plastic screen helps keep debris out of the unit.
4. Electrical quick disconnect is part of the upper plate to prevent damage.
5. Mixed flow pumping system achieves maximum pumping capacities.
6. Oil cooled, efficient 3450/2875 RPM custom built motor incorporates a silicon carbide single seal to ensure dependability and long life.
7. Corrosion resistant, durable 18 gauge/316 grade stainless steel motor housing.

Complete package is safety tested, approved and listed with ETL and ETL-C. Products for the European Union are also safety tested, approved and carry a 3rd party, independent CE mark. Minimum operating depth is 75cm; an additional 26cm are required when adding lights.

GENESIS



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0016-150	OT01-0082-215 OT19-0016-250	OT01-0083-335 OT19-0016-350	OT01-0085-335 OT19-0016-550
Spray Height (m)	UPPER: 2.1 LOWER: 1.2	UPPER: 3.4 LOWER: 1.5	UPPER: 4.2 LOWER: 1.7	UPPER: 4.2 LOWER: 1.7
Spray Diam. (m)	UPPER: 3 LOWER: 7.6	UPPER: 4 LOWER: 10.7	UPPER: 5 LOWER: 13.7	UPPER: 5 LOWER: 13.7
m³/hr	32.4	45.3	59.3	59.3
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/4
Warranty	5 Years	5 Years	5 Years	5 Years
Price	4999,62 €	5595,59 €	6515,60 €	7260,16 €

CONSTELLATION



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0081-215 OT19-0014-150	OT01-0082-215 OT19-0014-250	OT01-0083-335 OT19-0014-350	OT01-0085-335 OT19-0014-550
Spray Height (m)	UPPER: 1.2 LOWER: 0.6	UPPER: 1.8 LOWER: 0.6	UPPER: 2.4 LOWER: 0.9	UPPER: 2.4 LOWER: 0.9
Spray Diam. (m)	UPPER: 2.7 LOWER: 5.4	UPPER: 3.7 LOWER: 7.6	UPPER: 4.6 LOWER: 9.6	UPPER: 4.6 LOWER: 9.6
m³/hr	32.4	45.3	59.3	59.3
Volt/Ph/Amp 2875@50hz	220/1/8.3	220/1/12.6	380/3/4	380/3/4
Warranty	5 Years	5 Years	5 Years	5 Years
Price	5014,46 €	5610,43 €	6530,43 €	7274,99 €



- Minimum operating depth : 0,75 m
- Low voltage lighth accessories available





OUR LARGE AERATING FOUNTAINS are the newest addition to the fountain family and are ideal for those seeking an impressive and generous fountain display combined with the benefits of aeration. Manufactured from corrosion resistant materials and a custom built oil-cooled motor, these systems need only 1m of water to operate and are available for both single and three phase power.

Compare these 7.5HP & 10HP systems to other large fountain and aeration systems and you'll not only see significant cost savings, but you'll notice that they are engineered for simplified installation and maintenance, while producing spectacular fountain-like displays.

NEPTUNE



50 HZ	7,5 HP	10 HP
Part Number	OT01-3206-435 OT19-0023-001	OT01-3207-435 OT19-0023-003
Spray Height (m)	1.5	1.8
Spray Diam. (m)	3.5	3.5
m³/hr	304.3	375.9
Volt/Ph/Amp 2875@50hz	380/3/10	380/3/12
Warranty	2 Years	2 Years
Price	10414,14 €	11556,88 €

APOLLO



50 HZ	7,5 HP	10 HP
Part Number	OT01-3206-435 OT19-0025-001	OT01-3207-435 OT19-0025-003
Spray Height (m)	8.5	9.8
Spray Diam. (m)	2.7	2.7
m³/hr	79.5	87.4
Volt/Ph/Amp 2875@50hz	380/3/13.5	380/3/16.5
Warranty	2 Years	2 Years
Price	11198,45 €	12341,20 €

STARBURST



50 HZ	7,5 HP	10 HP
Part Number	OT01-3206-435 OT19-0022-001	OT01-3207-435 OT19-0022-003
Spray Height (m)	3.2	3.7
Spray Diam. (m)	10.6	11.6
m³/hr	174.9	201
Volt/Ph/Amp 2875@50hz	380/3/12.5	380/3/15
Warranty	2 Years	2 Years
Price	10400,39 €	11543,14 €

- Minimum operating depth : 1 m
- No low voltage lighth accessories available



ORION



50 HZ	7,5 HP	10 HP
Part Number	OT01-3206-435 OT19-0024-001	OT01-3207-435 OT19-0024-003
Spray Height (m)	UPPER: 6.5 LOWER: 2.1	UPPER: 6.7 LOWER: 2.4
Spray Diam. (m)	UPPER: 3 LOWER: 15.8	UPPER: 3 LOWER: 17.4
m³/hr	120.4	131.7
Volt/Ph/Amp 2875@50hz	380/3/13.5	380/3/18.5
Warranty	2 Years	2 Years
Price	11349,26 €	12492,01 €

VENUS

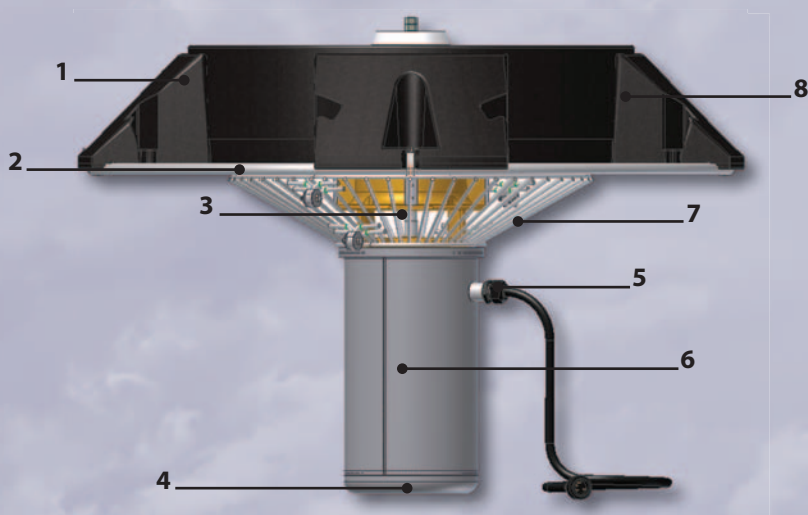


50 HZ	7,5 HP	10 HP
Part Number	OT01-3206-435 OT19-0026-001	OT01-3207-435 OT19-0026-003
Spray Height (m)	UPPER: 5.2 LOWER: 2.4	UPPER: 6.1 LOWER: 2.7
Spray Diam. (m)	UPPER: 6.4 LOWER: 21	UPPER: 8.2 LOWER: 24.4
m³/hr	120.4	131.7
Volt/Ph/Amp 2875@50hz	380/3/13.5	380/3/16.5
Warranty	2 Years	2 Years
Price	11450,73 €	12593,48 €

EQUINOX



50 HZ	7,5 HP	10 HP
Part Number	OT01-3206-435 OT19-0027-001	OT01-3207-435 OT19-0027-003
Spray Height (m)	5.2	7.3
Spray Diam. (m)	15.8	19.8
m³/hr	120.4	131.7
Volt/Ph/Amp 2875@50hz	380/3/13.5	380/3/18.5
Warranty	2 Years	2 Years
Price	11418,54 €	12561,29 €



PRODUCT ILLUSTRATION

1. Unique float design includes 'wing floats' that allow for adjustments to float visibility.
2. Stainless steel float ring for easy handling and maneuverability.
3. Mixed flow pumping chamber achieves maximum pumping capacities.
4. Corrosion resistant, durable 16 gauge/316 grade stainless steel motor housing, with oil plug located on bottom for ease of maintenance.
5. Electrical quick disconnect is integrated into motor housing with extension cable for simplified maintenance.
6. Oil cooled, efficient 3450/2875 RPM custom motor is sealed to ensure dependability and long life.
7. Industrial strength, corrosion resistant stainless steel screen protects pump and motor from debris.
8. Recessed pockets protect light fixtures when applicable.

Complete package is safety tested, approved and listed with ETL and ETL-C. Products for the European Union are also safety tested, approved and carry a 3rd party, independent CE mark.

Constructed from stainless steel, thermal plastics and a rugged low speed motor these systems are built to withstand the demands of severe aquatic environments. Providing over 1.5kg of oxygen per horsepower hour and over 198m³/hr, the High Volume unit is the most powerful aeration system available on the market for water management.

Each of our Industrial Aerators can operate in as little as 1m of water and are supported by a comprehensive 3-year warranty. These systems provide unique solutions to managing water quality, from low profile patterns to horizontal mixers and can be used in a variety of applications including; wastewater treatment facilities, marinas, mining operations, food processing, and of course golf courses using effluent water.

For those desiring a decorative display with added aeration, we recommend combining Industrial Aerators with our Aerating Fountains.



HIGH VOLUME



50 HZ	1 HP	2 HP	3 HP	5 HP
Part Number	OT01-0191-215 OT19-0006-150	OT01-0192-215 OT19-0006-250	OT01-0193-335 OT19-0006-350	OT01-0195-335 OT19-0006-550
Spray Height (m)	.5	.6	.9	1.1
Spray Diam. (m)	1.2	2.3	2.6	3.5
m³/hr	198.5	329	453.1	647.2
Volt/Ph/Amp 1425@50hz	220/1/8	220/1/12	380/3/4.2	380/3/7.2
Warranty	3 Years	3 Years	3 Years	3 Years
Price	3893,10 €	4571,29 €	5333,92 €	5646,63 €

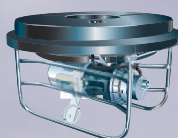
- Minimum operating depth : 1 m
- No low voltage lighth accessories available

ASPIRATORS: TRITON & SUB-TRITON



Triton			
50 HZ	1 HP	2 HP	3 HP
Part Number	OT01-0191-215 OT19-0008-150	OT01-0192-215 OT19-0008-250	OT01-0193-335 OT19-0008-350
Volume (m³) Influenced	5,352	10,704	16,056
Volt/Ph/Amp 1425@50hz	220/1/7.3	220/1/12	220/1/14.5 380/3/4.3
Warranty	3 Years	3 Years	3 Years
Price	5326,54 €	5914,74 €	6677,37 €

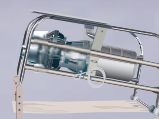
- Minimum operating depth for Tritons : 0,92 m
- No low voltage lighth accessories available



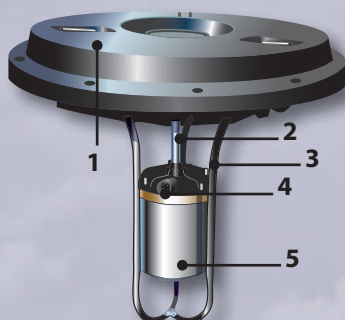
Triton Aspirator

Sub-Triton			
50 HZ	1 HP	2 HP	3 HP
Part Number	OT01-0191-215 OT19-0007-150	OT01-0192-215 OT19-0007-250	OT01-0193-335 OT19-0007-350
Volume (m³) Influenced	5,352	10,704	16,056
Volt/Ph/Amp 1425@50hz	220/1/7.3	220/1/12	220/1/14.5 380/3/4.3
Warranty	3 Years	3 Years	3 Years
Price	5506,30 €	6094,50 €	6857,13 €

- Minimum operating depth for Sub-Tritons : 0,76 m
- No low voltage lighth accessories available



Sub-Triton Aspirator



PRODUCT ILLUSTRATIONS

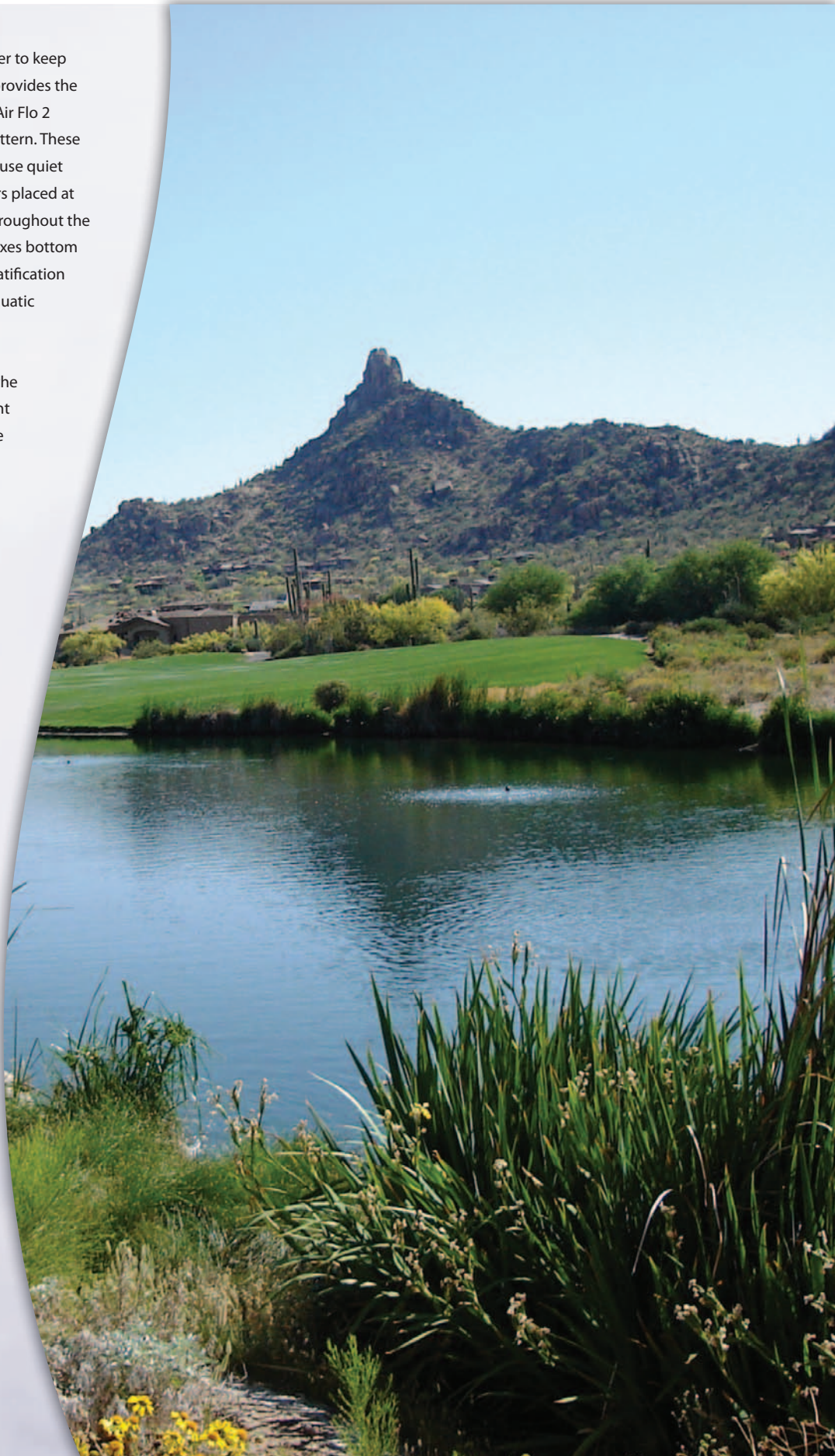
1. Rugged closed cell foam filled low visibility polyethylene float.
2. Precision pitched stainless steel impeller is virtually unbreakable.
3. Protective arms secure motor unit and allow for easy handling.
4. Electrical disconnect is part of upper plate to prevent accidental damage.
5. Enclosed in a corrosion resistant, durable 18 gauge/316 grade stainless steel motor housing, the oil-cooled, efficient 1725/1425 RPM custom built motor has dynamically balanced rotors to move high volumes of water.

Complete package is safety tested, approved and listed with ETL and ETL-C. Products for the European Union are also safety tested, approved and carry a 3rd party, independent CE mark.

Like components used throughout industrial aerators, High Volume is mounted vertically, while Aspirator models are mounted horizontally.

Golf course designers and architects often prefer to keep landscape designs serene and calm. Rain Bird provides the perfect system for these applications with the Air Flo 2 Diffused Aeration System that has no visible pattern. These systems are unique to the aeration line as they use quiet on-shore compressors that pump air to diffusers placed at pond bottom. Diffusers then release oxygen throughout the water column creating mass circulation that mixes bottom and top water layers and breaks up thermal stratification resulting in a healthy, clean environment for aquatic habitat.

Air Flo 2 is the most energy efficient system in the aeration line and is the ideal water management solution for environments where a pond or lake is used for recreation such as swimming or wading as there are no electrical components in the water. Able to operate at depths from 2m-12m, this diverse subsurface aerator has been independently tested for safety and effectiveness, is constructed of corrosion resistant materials, requires minimal maintenance and includes a 2-year all-inclusive warranty.



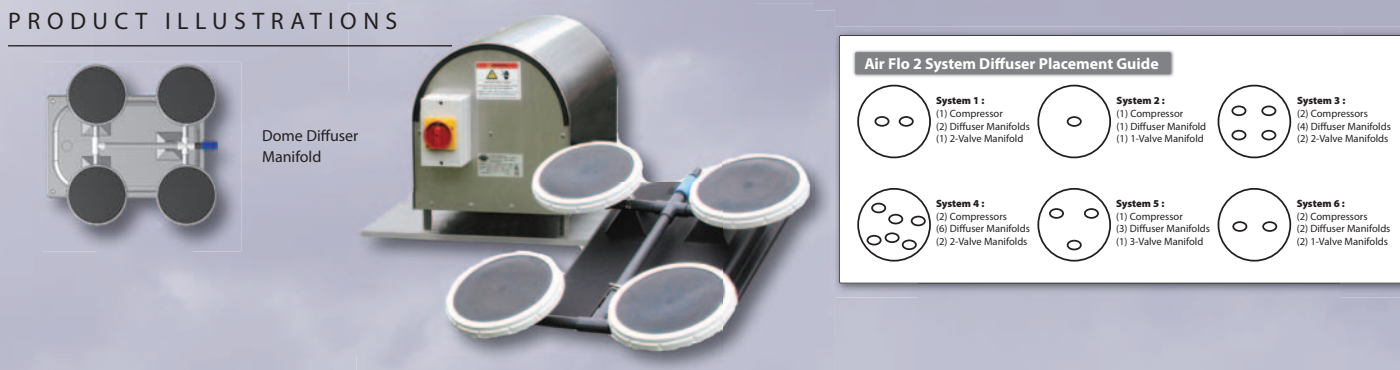
AIR FLO 2

The simple design of the Air Flo 2 system allows for increased flexibility in its application to water quality management. The standard valve box used in the installation provides many advantages from shorter tubing requirements that will offer significant cost savings, to simplified operation making it easy to adjust for better air flow control. In addition, the valve box gives the ability to manage multiple ponds with one aeration system. Custom systems can be designed for any pond configuration, and remember to choose from either self cleaning dome diffusers or stone diffusers when ordering.

50HZ	Part Number	Compressors	Manifold(s)	Area Affected (x 1000 m ²)	OperatingDepth (m)	Volume (m ³ /hr) Influenced	Volt/Ph/Amp 1425 @ 1,93 bar*	Warranty	Price
System 1	OT03-0201	1	2	to 2 to 4 to 12 to 12	1.2-2.1 2.4-4.3 4.3-5.8 6.1-12.2	511 738 852 908+	220/1/2.75	2 Years	3625,55 €
System 2	OT03-0202	1	1	to 2 to 4 to 12	2.4-7.9 4.3-7.9 5.8-12.2	908+	220/1/2.75	2 Years	3229,79 €
System 3	OT03-0203	2	4	to 4 to 20	1.2-2.1 2.4-5.5	511 852	220/1/5	2 Years	6305,23 €
System 4	OT03-0204	2	6	to 12 to 32 to 48	1.2-2.1 2.4-5.5 4.3-5.5	511 738 852	220/1/5	2 Years	7251,29 €
System 5	OT03-0205	1	3	to 12	2.4-4.3	738	220/1/2.75	2 Years	3976,28 €
System 6	OT03-0206	2	2	to 20	5.8-12.2	908+	220/1/5	2 Years	5836,27 €
Tubing kit	OT12-0093-100							2 Years	231 €

- Air Flo 2 Diffused Air Systems incorporate 3/4HP piston compressors allowing for operating depths up to 12m.
- No low voltage lighth accessories available

PRODUCT ILLUSTRATIONS



- Enhanced cabinet construction is corrosion resistant, provides quieter operation and simplified servicing.
- Clean air intake system improves performance through the new air filter system and includes an auto thermal protection circuit.
- Combined with the provided shore mounted valve box, the Air Flo 2 allows for shorter tubing requirements offering significant cost savings.

Complete package is safety tested, approved and listed with ETL and ETL-C. Products for the European Union are also safety tested, approved and carry a 3rd party, independent CE mark.





SMALLER PONDS of less than ½ acre provide tremendous beauty and function to both residential and commercial properties. These waterways are often used for everything from water gardening and fishing to retention ponds and storm water basins and are found in many new development projects. However, these bodies of water are unique due to their smaller size and shallow depth and therefore are in great need of oxygen and circulation. Without aeration these small ponds are easily thrown out of ecological balance and can suffer from excessive aquatic vegetation and foul odor.

Based on the needs of the small pond owner, Fractional Aerator & Fountain lines with interchangeable spray patterns to operate at depths as low as 33cm have been developed. These small but powerful systems are able to provide a solution to your water quality management needs, while enhancing the natural habitat for aquatic animals and wildlife.

Enjoy the cascading effects of a water feature day into night with the *Deluxe Packages* offered on these systems. Our energy efficient Fountain Glo™ light systems are available with colored lens packages, and operate off low voltage MR16 bulbs.

EMMAUS, PENNSYLVANIA

STARBURST



50 HZ	1/2 HP	1/2 HP
Part Number	Standard OT04-0001-220	DeLuxe OT04-0005-220
Spray Height (m)	0,8	0,8
Spray Diam. (m)	4,3	4,3
m³/hr	24	24
Volt/Ph/Amp 2700@50hz	220/1/3.9	220/1/3.9
Warranty	2 Years	2 Years
Price	1742,39 €	1971,13 €

PHOENIX



50 HZ	1/2 HP	1/2 HP
Part Number	Standard OT04-0001-220	DeLuxe OT04-0005-220
Spray Height (m)	UPPER: 2.1 LOWER: 1.2	UPPER: 2.1 LOWER: 1.2
Spray Diam. (m)	UPPER: 0.6 LOWER: 3.7	UPPER: 0.6 LOWER: 3.7
m³/hr	18	18
Volt/Ph/Amp 2700@50hz	220/1/3.9	220/1/3.9
Warranty	2 Years	2 Years
Price	1742,39 €	1971,13 €

ROCKET



50 HZ	1/2 HP	1/2 HP
Part Number	Standard OT04-0001-220	DeLuxe OT04-0005-220
Spray Height (m)	2,9	2,9
Spray Diam. (m)	0,6	0,6
m³/hr	18	18
Volt/Ph/Amp 2700@50hz	220/1/3.9	220/1/3.9
Warranty	2 Years	2 Years
Price	1742,39 €	1971,13 €

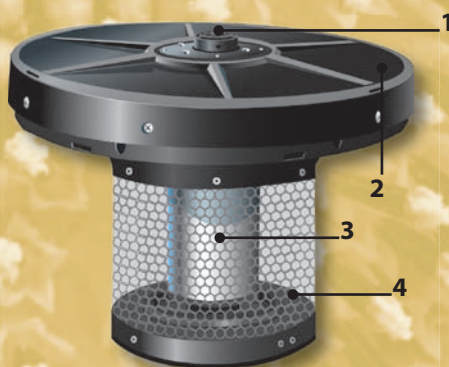
- Minimum operating depth : 0,36 m
- Low voltage lighth accessories available

PRODUCT ILLUSTRATION

1. Includes three corrosion resistant adjustable spray impellers/patterns.
2. Closed cell foam float insures level flotation.
3. High speed 3450/2875RPM stainless steel water-cooled motor never requires maintenance.
4. Fine mesh 18 gauge/8 grade stainless steel screen prevents debris from entering the pump.

The Instant Fountain Deluxe features a 3-light MR16 low voltage light set.

Complete package is safety tested, approved and listed with ETL and ETL-C. Products for the European Union are also safety tested, approved and carry a 3rd party, independent CE mark.



FRACTIONAL SYSTEMS

Whether you are in need of strong aeration for water quality management needs, or simply looking for a decorative 'fountain-like' pattern to enhance your water feature.

Instant Fountains come complete with interchangeable patterns, and are ready to install out of the box with no need for an outside contractor. Featuring a 2-year warranty and manufactured for ease of use and versatility you can be certain that you're receiving a quality product designed with your needs in mind.



Now that you've learned more about our products and have determined the aeration or fountain system for your pond or lake, discover how you can further enhance your water feature with accessories.

FOUNTAIN GLO™ LIGHTING

The addition of fountain lighting is the most common enhancement to our products and we can be purchased at any time. We offer a range of light sets with optional colored lens and sequencing packages available for most systems.

OTTERSIELD LAKE DYE

Simply toss a few packets of environmentally safe Ottershield Lake Dye into your pond and turn it a beautiful deep shade of blue. Ottershield inhibits the sun from penetrating to the pond bottom and is perfect for shallow ponds, and ponds affected by silt and murky waters.

POWER CONTROL CENTER

Power Control Centers come standard with all RAIN BIRD product packages, in addition we offer upgrades including custom panels that combine the controls of multiple systems into one large enclosure.



MR16 LOW VOLTAGE LIGHT SYSTEMS



WITH FOUNTAIN GLO™ light systems you can highlight your aeration and fountain displays into the nighttime hours while adding value and security to your property.

Manufactured from corrosion resistant materials, our light systems come with a complete 1 year warranty. We offer the opportunity to customize your light show with our optional photocell, colored lens and sequencing packages.

Specially engineered to accentuate the entire pattern.

We do recommend particular light sets per product line.

Lights (20W) Per Set	2	3	4
Part Number	OT02-0015-002	OT02-0015-003	OT02-0015-004
Amp Draw (Total)*	0.4	0.6	0.8
Lamp Wattage (Total)	40	60	80
Candlepower (Total Lumens)	1400	2100	2800
Warranty	1 Year	1 Year	1 Year
Price	297,61 €	392,37 €	492,17 €

Our low voltage light systems are available with either 20 watt bulbs and run on 12-volt power for increased energy efficiency. Manufactured from corrosion resistant thermal plastics our 20 watt systems operate off of 230V in 50Hz.

Colour Lenses Kit	1
Part Number	OT12-0085
Warranty	1 Year
Price	12,20 €

PRODUCT ILLUSTRATIONS



MR16 Low Voltage



OTTERSCHILD LAKE DYE



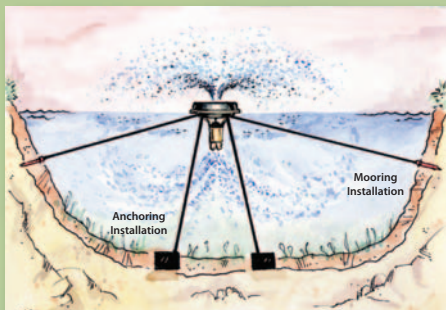
We use one of the few companies supplying lake dye in small, pre-measured packets that are perfect for use in small or large waterways. One packet will treat a ½ acre, 624 m³ of water.

Otterschild lake dye is applied by simply tossing the water soluble packets into the pond. As the packets dissolve a deep blue shade is quickly and evenly dispersed through the pond enhancing the color naturally. Environmentally safe, these packets won't stain or harm your hands or waterfowl and can be used in conjunction with other aquatic management products.

OTTERSCHILD Lake Dye	Price
	222,00 €

INSTALLATION

Aerating fountains, surface spray industrial aerators and fountain units are typically moored from shore to shore or anchored to the bottom of the pond as depicted in the illustration. The power control center is mounted on shore and then insulated underwater cable is run from the power control center to the unit.



POWER CONTROL CENTER



At RAIN BIRD we are dedicated to only offering the safest and most reliable aeration and fountain products available. Exceeding safety requirements in the components and design of our equipment, to the warranties and customer support we provide; the integrity of our power control centers is an integral part of honoring our commitment.



The power control centers offered on European packages for Aerating Fountains, Industrial Aerators come complete with state of the art components.

Rain Bird Aerator Recommended Cabinets									2011 PRICE		Warranty
	INDUSTRIAL AERATORS SYSTEM	FRACTIONAL SYSTEMS - INSTANT FOUNTAINS	AERATING FOUNTAINS	LARGE AERATING FOUNTAINS	Power hp	Description	PN		Category	List price	
STANDARD CABINETS		X			0,25hp	230V without light	002226A1		23	1047,69 €	3 Years
		X			0,5hp	230V without light	002226A2		23	1047,69 €	3 Years
	X		X		1hp	230V without light	002226A3		23	1047,69 €	3 Years
	X		X		2hp	230V without light	002226A4		23	1047,69 €	3 Years
		X			0,25hp	230V with light	002226A5	"2 or 3 12V-20 w bulbs max is 3 12V-20 w lights : include a transformer in the cabinet"	23	1329,23€	3 Years
		X			0,5hp	230V with light	002226A6	"2 or 3 12V-20 w bulbs max is 3 12V-20 w lights : include a transformer in the cabinet"	23	1329,23€	3 Years
	X		X		3hp	400V without light	002226A9		23	1180,00€	3 Years
	X		X		5hp	400V without light	002226A10		23	1180,00€	3 Years
				X	7,5hp	400V without light	002226A11		23	1189,23€	3 Years
				X	10hp	400V without light	002226A12		23	1189,23€	3 Years

RECOMMENDED CONTROL CABINET FOR AERATORS SOLD BY RAIN BIRD

1. Metal cabinet IP55
2. Lockable main switch
3. Motor protective switch
4. Illuminated Hand-O-Auto switch
5. Pilot alarm light
6. Ground fault protective switch
7. Control voltage transformer 230/24V
8. Programmable time switch with power back up and automatic daylight saving
9. CE-approval
10. Documentation

Optional: cabinets including 12 V lights control

1. Illuminated Hand-O-Auto switch
2. Individual programmable time switch with power back up and automatic daylight saving
3. Contactor
4. Transformer 230/12V with fuses

CUSTOMIZED CABINETS :

price list above only include single aerator cabinets, all type of specific cabinets can be designed and manufactured on request for specific projects

Title I – PRODUCTS**Article 1 – Scope**

1.1. Sales made by Rain Bird shall be exclusively governed by these standard terms and conditions.

1.2. The fact of placing any order with Rain Bird entails full acceptance of these standard terms and conditions, notwithstanding any statement to the contrary in the Customer's purchase order or standard terms and conditions of purchase or in any other document issued by the Customer.

Article 2 – Order

2.1. The order must be placed in writing by the Customer with Rain Bird. No order shall be final and no sale agreement shall be entered into unless and until the order has been accepted by Rain Bird. The acceptance of the order by Rain Bird shall result from the sending to the Customer of a written order confirmation or from the commencement of the performance of the contract by Rain Bird. No commitment made by any representative shall be valid unless and until the same has been ratified by Rain Bird.

2.2. Unless otherwise stated in the acceptance of the order, any sale shall be deemed made at the place indicated on the order acceptance form.

2.3. Any order served by Rain Bird shall be complied with by the Customer, which shall in particular be required to take delivery thereof.

Article 3 – Delivery – Transfer of risks

3.1. Unless otherwise expressly provided for, the delivery shall be made through direct delivery of the Products to the Customer, on the premises of Rain Bird, or to the carrier selected by the Customer or, in default, to the carrier selected by Rain Bird. The Products shall be sold "ex-works" from the Rain Bird premises and shall travel at the intended recipient's risk, notwithstanding the Rain Bird title retention clause, as set forth in Article 9 hereof.

3.2. Unless otherwise expressly provided for, the Products shall be transported at the Customer's expense by the carrier selected by the Customer or in default by Rain Bird. The Customer is responsible for stating any observations and reservations to the carrier in the event of any loss or damage occurred during the transportation, such notice to be given either by registered mail return receipt requested or by extra-judicial instrument within three days from the date of receipt of the Products (Article L 133-3 of the French Commercial Code).

Article 4 – Terms – Applicable Time Periods

4.1. The Products delivered in accordance with the order shall be deemed finally delivered and shall not be returned or exchanged. Rain Bird reserves the right to make partial deliveries with issuance of corresponding partial invoices.

4.2. Unless otherwise expressly provided for, the lead times for delivery are provided as indications only and may not give rise to any penalty for late payment, damages, withholding or cancellation of current orders, regardless of the causes, importance and consequences of the delay.

4.3. Rain Bird shall be released from its delivery obligation in the event of force majeure, including, but not limited to, any war, riot, fire, strike, act of God, or impossibility of receiving supplies.

4.4. If the Customer fails to accept the delivery at the place and dates indicated in the contract, then the Customer shall nevertheless be required to comply with the contractual payment dates. In such event, the Products shall be stored by Rain Bird at any place of its choosing, at the Customer's risk and expense.

Article 5 – Non-conformance – Returns

5.1. If any Products are not in conformance with the order, the Customer shall inform Rain Bird in writing within five (5) days from the date of delivery. After the said deadline, no complaint based on non-compliance shall be accepted by Rain Bird.

5.2. Any return of Products not in conformance with the order shall be subject to approval by Rain Bird. Any return made without Rain Bird's approval shall not give rise to any replacement or the issuance of any credit note.

5.3. In the event of return of the Products, the risks shall remain borne by the Customer.

Article 6 – Price – Payment Terms

6.1. Unless otherwise expressly provided, the Products shall be sold on the basis of the prices in force upon acceptance of the order, and the prices indicated in this Price List shall be regarded as indications only. The prices are denominated in euro (i) not including VAT, (ii) on a net basis, and (iii) ex-Aix-Les-Milles.

6.2. The standard shipping quantity is indicated on the price list under the "Dealer quantity" column. All products may be ordered under non-dealer quantity against payment of a 10% supplement.

6.3. Failing payment within the time period agreed when placing the relevant order, the Customer shall owe penalties for late payment at a rate equal to three times the statutory interest rate, plus any collection costs.

6.4. Notwithstanding any complaints, the Customer shall be required to pay its invoice when due.

6.5. Failure to pay all or part of the price on its due date shall trigger the obligation to pay immediately any and all amounts remaining due to Rain Bird by the Customer, even where the said amounts are not yet payable, and regardless of the stipulated payment mode. In addition, in the event of failure to pay, 48 hours after a formal notice has been sent by registered mail return receipt requested, Rain Bird shall be entitled to rescind the sale and any and all current orders and seek the return of any already delivered Products.

6.6. In the event of termination of the sale, any amounts already paid to Rain Bird shall remain vested with Rain Bird as an indemnity.

6.7. Rain Bird reserves the right to amend its terms of payment in the event that the Customer encounters any financial difficulty.

Article 7 – Warranty – Liability

7.1. Rain Bird shall be responsible for the repair or replacement of any products sold that are found defective following any normal use, during the warranty periods indicated below.

The Rain Bird Customer shall be required to return any defective products to the distributor from which they have been acquired.

In addition to the statutory warranty set forth in EU Directive 1998/44/EC, the Rain Bird products shall be covered by a warranty against any initial defect, whether affecting the manufacture or the materials used, during a period of three years from the date of their manufacture.

The said warranty may be activated without any formality, save for the return of the full defective product.

Rain Bird shall replace any parts that have proved defective when used normally during the said warranty period and shall make any repairs free of charge. Any defective products shall be returned to Rain Bird at the Customer's expense.

7.2. The warranty shall not apply in the following cases:

- in the event that the defect is due to wear and tear, to any carelessness or to any abnormal use.
- in the event of any incident due to any act of God or case of force majeure, and in particular, but not limited to, any stoppage of any electrical facility, stoppage of telecommunications, strike, war, riot or any natural disaster.
- in the event that the defect is attributable to any maintenance or assembly that is defective or fails to comply with any of the Rain Bird specifications or fails to comply at any time with the Product's environmental specifications or electrical supply specifications. In this respect, it is indicated that the Rain Bird products shall be lubricated with water and must be installed without any addition of any chemicals.

7.3. In any event, Rain Bird's liability shall be limited to the amount of the sale price and shall only cover tangible loss, excluding any intangible loss, such as any lost profits, business interruption, commercial losses or additional expenses, etc. In this respect, the Customer shall be personally responsible for taking any step necessary and in particular taking out any insurance policy providing any necessary coverage in excess of the said warranty (whether in value or in kind).

Article 8 – Waste Management

In accordance with Article 18 of Decree 2005-829 of 20 June 2005 concerning the composition of electrical equipment (EEE) and the removal of waste derived from the said equipment, the organization and financing of the collection and processing of professional EEE waste covered by this sale Agreement are transferred to the customer, which hereby so agrees.

The customer shall be responsible for the collection, processing and recycling of the EEE covered by the sale in accordance with Article 21 of the said Decree.

The above obligations shall be conveyed to any and all successive customers until the final user of the EEE.

Article 9 – Retention of title

The transfer of title to the products is subject to full payment of the price on its due date by the Customer.

Article 10 – Governing law – Jurisdiction

Any sales made by Rain Bird shall be governed by French law.

Any dispute arising between the parties in relation to the interpretation and/or construction and/or termination of the agreement shall be referred to the Aix-en-Provence courts even in the event of any third-party claim or if there are several defendants.

Title II – SERVICES (special provisions)

Article 11 – Scope

These special "services" terms shall be applicable in addition to the "products" standard terms and conditions of sale, insofar as the said terms and conditions cannot be applied to the relevant services.

Article 12 – Technical Support Agreement

12.1. The technical support agreement shall apply solely to the materials and software supplied by Rain Bird.

12.2. The Customer agrees to provide the name(s) of the manager(s) of the system who may call on Rain Bird's services. The said persons shall beforehand undergo training in the use of the Rain Bird system. The Customer shall provide Rain Bird with a detailed description of the facility. The Customer shall be equipped with a telephone line dedicated to and reserved for the operation of the centralized sprinkling management system, or an Internet connection. The Customer shall maintain the system in good working condition and carry out any and all necessary maintenance. The sprinkling system's electrical and hydraulic as-built plans shall be precise and regularly updated.

12.3. Rain Bird waives any liability as regards the implementation of the recommendations or instructions given by telephone.

12.4. The commitments assumed by Rain Bird shall not be binding if any action is taken by any untrained or unauthorized third party. The commitments assumed by Rain Bird do not apply in the event of installation on a centralized PC of any application disrupting the operation of the sprinkler management system.

12.5. The Customer agrees to backup its files and programs prior to the supply of any services by the support unit.

Article 13 – Studies

13.1. Rain Bird shall supply the services entrusted to it in accordance with professional rules and standards and shall comply with any applicable rules, standards and recommendations.

13.2. As regards the performance of its engagements, Rain Bird shall comply with the assignments, data, rules and basic information issued by the Customer.

13.3. Each study's completion lead time shall be determined beforehand by mutual agreement between Rain Bird and the Customer.

Article 14 – On-Site Services

14.1. The Customer agrees to make available to the persons responsible for providing services on behalf of Rain Bird the necessary staff having sufficient knowledge of the site in order to respond to any requests.

14.2. The Customer agrees to give the Rain Bird staff access to the equipment and further agrees to inform the Rain Bird staff of any rules or instructions concerning the site's safety.

14.3. This clause does not apply to any spare parts not covered by the warranty and necessary for the repair of any defective equipment.

Article 15 – Training

The Customer agrees to make available to the persons responsible for providing services on behalf of Rain Bird premises suited and equipped for the purposes of training operations (classes organized on the site), and further agrees to comply with the requirements related to the number, training and knowledge level of participants and with the schedule agreed between the parties, in particular as regards the date and hour of beginning of the training.

Article 16 – Warranty concerning the parts replaced under the replacement program

The replacement program only applies to those parts not covered by the warranty. The duration of the warranty of the spare parts is approximately 6 months, in accordance with the Rain Bird standard terms and conditions of warranty.

Any photographs and features are not legally binding.

The Intelligent Use of Water.™

LEADERSHIP • EDUCATION • PARTNERSHIPS • PRODUCTS

At Rain Bird®, we believe it is our responsibility to develop products and technologies that use water efficiently. Our commitment also extends to education, training and services for our industry and our communities.

The need to conserve water has never been greater. We want to do even more, and with your help, we can. Visit www.rainbird.com for more information about The Intelligent Use of Water™



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