

**QUALITY
INNOVATIVE
AMERICAN
MADE
SOLUTIONS**

**POND
&
LAKE
2015**

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KEETON INDUSTRIES

OUR HARD WORK, IS YOUR PEACE OF MIND



Innovating Quality

The Keeton Industries team is dedicated to innovating products customers are excited to use. The team puts in time discussing customer needs, how to make the products more reliable and how to improve on the quality customers expect. Keeton Industries sets the standard of how lake management products should be made and how the customer can benefit.

**“Creating
American
Made, Quality
Products for
Over 40 Years”**

Solar Aeration

Our patented solar powered aeration system is one of a kind. The energy efficient design allows them to be deployed anywhere and provide all of the benefits of a standard aeration system without the need for power. [Read More on Page 28](#)



Microbes

Beneficial microbes are naturally occurring microorganisms that perform beneficial tasks in the aquatic environment. These bacteria are capable of improving water quality and clarity by targeting organic particulates and excess nutrients. [Read More on Page 12](#)



Electric Aeration

Degraded ponds and lakes can easily be enhanced with the addition of a Subsurface Lake Bed Aeration System. This form of aeration acts to increase dissolved oxygen levels while eliminating water stratification. [Read More on Page 18](#)



Other Ponds and Lakes are Green with Envy®

YOU REQUESTED, WE CREATED

LATEST INNOVATIONS



Connector Kits

Keeton Industries is now offering connector kits for added convenience during installation.

[Read More on Page 37](#)



Security Kits

Security Kits are now available for our aeration systems. Giving you peace of mind.

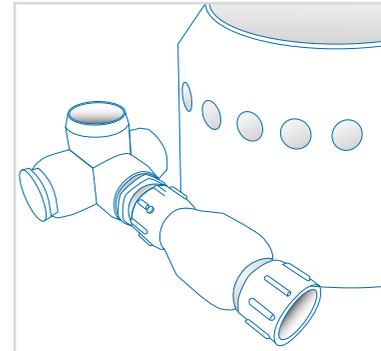
[Read More on Page 37](#)



Solar Monitoring

With these solar indicator lights you'll be able to check the solar system for normal operation and power sources.

[Read More on Page 38](#)



Valves

Duraplate Diffusers are now manufactured with Check Valves inside.

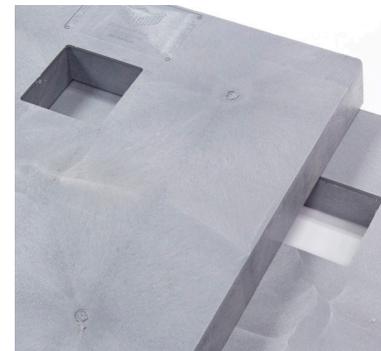
[Read More on Page 39](#)



Tork Timers

Tork timers allow you the option of setting the day of the week, the hour of the day and the minutes of the hour.

[Read More on Page 39](#)



Level-Aer Cutouts

The Level-Aer pads now come pre-cut which can make installation easier and give a cleaner, finished look.

[Read More on Page 39](#)

WHY PONDS NEED KEETON PRODUCTS

CLEAN WATER IS IMPORTANT AND KEETON CAN DELIVER

Improve Water Quality



Keeton Industries is an earth-friendly company. We work hard to keep our waters clean in a way that gives back to the earth at every turn.

Pond Deicing



Whether you are an avid bird watcher or enjoy the hunt, waterfowl can be wonderful to enjoy during the winter months. Ducks and Geese utilize open water for feeding, nesting, and protection during migration and are attracted to the open water created by aeration.

Quality Products



All of Keeton Industries products are top of the line lake management products which are manufactured in the United States. The Keeton team takes pride in production and makes sure that every product leaving the warehouse is a high quality, American made product customers can rely on.

Prevent Fish Kills



There are many things that can be done to prevent having a catastrophic fish kill. We know that low dissolved oxygen is the major culprit of most fish kills, but other factors like stress, disease and pollution can all contribute to the problem. Visit www.fish-kill.com to learn more about prevention.

HOW TO OBTAIN PEACE OF MIND

PREVENTING WATER PROBLEMS VS. TREATING WATER PROBLEMS



Preventing

Water clarity problems are more effectively maintained by treating water before problems occur. Adding aeration and microbes to water early in Spring, better water quality will be had throughout the year.



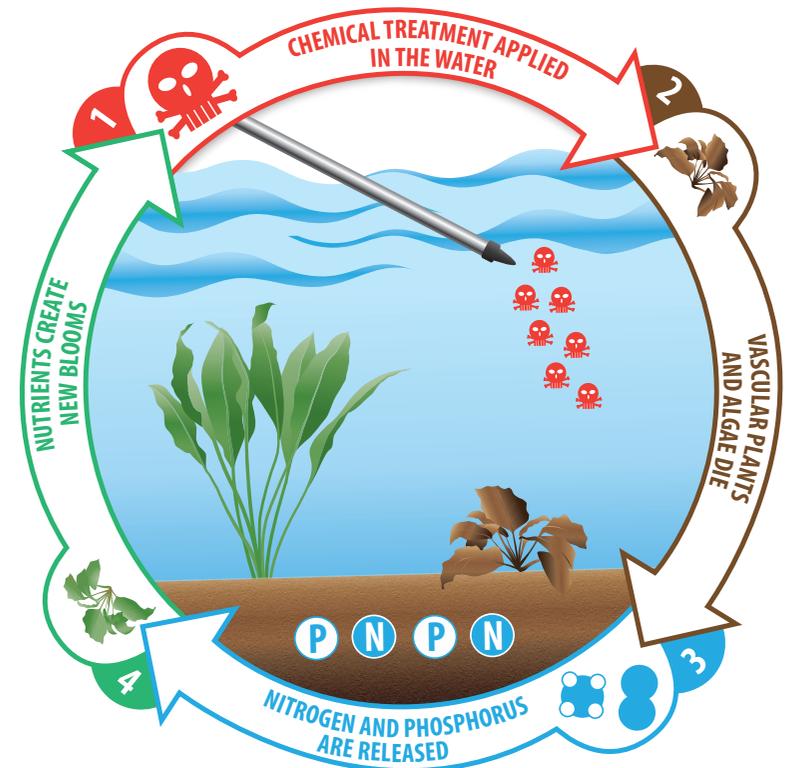
Treating

Treating the build up of organic wastes and nutrients will take some time, depending of the severity of the water issues. A combination of aeration and beneficial microbes is the best way to achieve water clarity long term.

Chemical Cycle

The use of chemical additives is very common in the lake management industry. Chemical herbicides and algaecides are very effective at treating nuisance algae and aquatic plants, but they have no positive effect on water quality. By treating only the symptoms and not the cause of the problem, they provide no real solution.

When algae and aquatic plants are killed, they will quickly decompose and release nutrients back into the water column. The new abundance of fertilizer released into the water column will spur on the next crop of aquatic plants and algae that again will need to be treated. This is a process of regrowth and treatment known as the "Chemical Cycle". When chemicals are used for long periods of time, the frequency of treatments tends to increase and can even select for chemically resistant algae and aquatic plants.



COMMON WATER PROBLEMS

EUTROPHICATION AND STRATIFICATION

Eutrophication

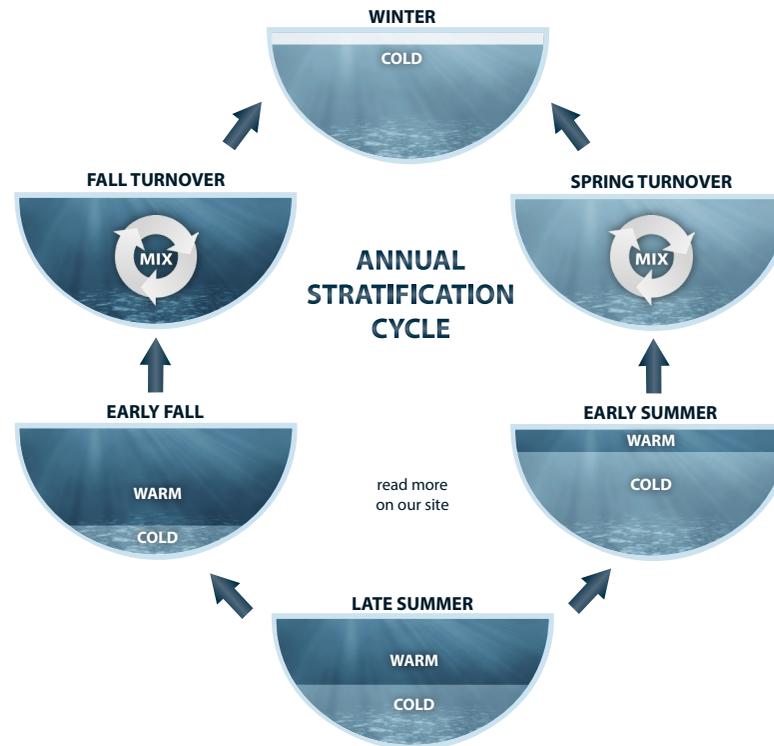
Eutrophication is the process of excessive growth of algae and aquatic plants as well as the buildup of organic sludge and offensive odors. These ponds and lakes are more susceptible to oxygen crashes and fish kills. Eutrophication is a process that can be stopped and reversed in most situations. Taking a proactive approach to lake management will ensure the health and beauty of your pond or lake for years to come.



Stratification

Ponds and lakes experience a phenomenon known as stratification where different layers of water are created due to differences in water density. The density of water is temperature dependent. It is at its greatest density at 4°C and becomes less dense at both higher and lower temperatures. During the warmer months of the year, warm, oxygen rich water is trapped above cooler, nutrient rich, low oxygen water.

The thermocline prevents the transfer of oxygen from the upper layer to the lower layer. Over time, the bottom layer of water loses more and more dissolved oxygen and can become uninhabitable for game fish. This oxygen poor environment also slows the breakdown of organic matter that accumulates on the bottom, leading to the build up of vast quantities of bottom sludge, which is high in nutrients.



MICROBES WORK

UNVEILING THE MYSTERY

- Quality Development
- All Natural And Safe
- Safe For Humans And Animals
- Easy Application
- Reduce Organic Wastes
- Reduce Excess Nutrients



Keeton Industries is proud to offer the highest quality, all-natural, effortless and simple solution to manage your pond and lake.

Keeton Industries is an earth-friendly company. We work hard to keep our waters clean in a way that gives back to the earth at every turn. Caring for the earth has always been important to us and we've been doing things this way since the 1970's.

We prefer biological products that work with the natural ecology of the body of water, restoring the balance of nutrients and enhancing the waters' ecological systems in a natural and long-lasting way.

The process to apply our beneficial microbes is very simple and requires only a few minutes every other week.

Scan the QR code and watch a quick video of the water soluble bags dissolving in 45 seconds.

Watch the
Video!



Aqua-Tron in an
8 ounce (1/2 lb.)
Water Soluble Bag

AERATION WORKS

THE SCIENCE BEHIND THE BUBBLES

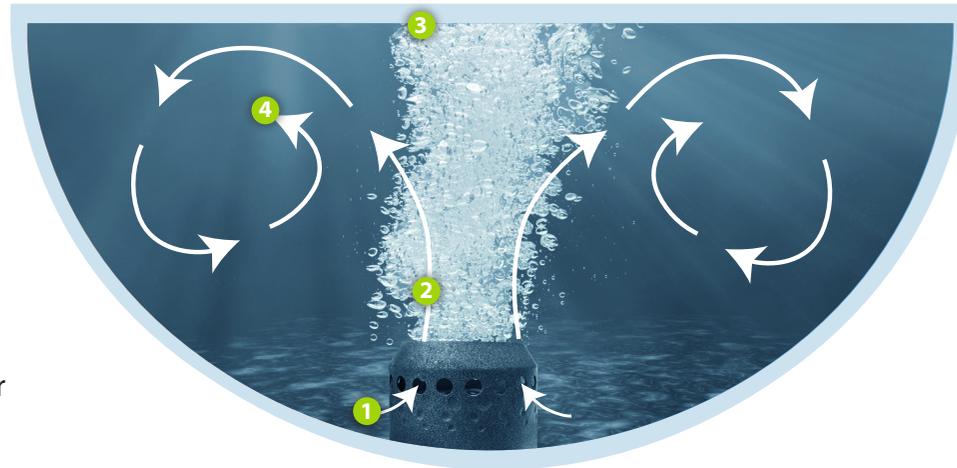
- Increase Oxygen Levels
- Reduce Risk of Fish Kill
- Pond Deicing in Winter
- Quality Aeration Production
- Reduce Excess Odors

Degraded or Eutrophic ponds and lakes can be characterized by low levels of dissolved oxygen and highly stratified water; where warm, oxygen-rich water is suspended above cool, oxygen-depleted bottom water.

As anaerobic (devoid of oxygen) conditions begin to develop in deeper water, naturally occurring aerobic microbes can no longer perform beneficial tasks, such as waste digestion or water purification. With time, water quality greatly decreases leading to unsightly blooms of algae, the accumulation of organic sludge and the buildup of gases such as hydrogen sulfide, well known for its offensive odor. Low oxygen levels can also lead to fish kills.

Degraded ponds and lakes can easily be enhanced with the addition of a Subsurface Lake Bed Aeration System. This form of aeration acts to increase dissolved oxygen levels while eliminating water stratification. Aerobic microbes can then recolonize deeper water where they rapidly begin to digest accumulated organic sludge and improve water quality.

LIFT RATE: 1000-2500 GALLONS OF WATER PER MINUTE*



DIFFUSER AERATION CIRCULATION

1. Water is pulled into the diffuser.
2. The water is Oxygenated.
3. Water is transported up to the surface.
4. A laminar current is created.

The diffuser creates a laminar current that moves, stirs and pushes through 1000-2500 gallons of water per minute.



*Lift Rate will vary depending on water depth.

MEASURING FOR SUCCESS

LAKE VARIABLES THAT EFFECT AERATION SYSTEMS

Choosing a System

How do you size the proper system for your pond or lake? Sizing is not an exact science. Every pond and lake is different and contributing factors such as size, shape, depth and water quality will all play a role in determining how many diffusers are required to get the job done.

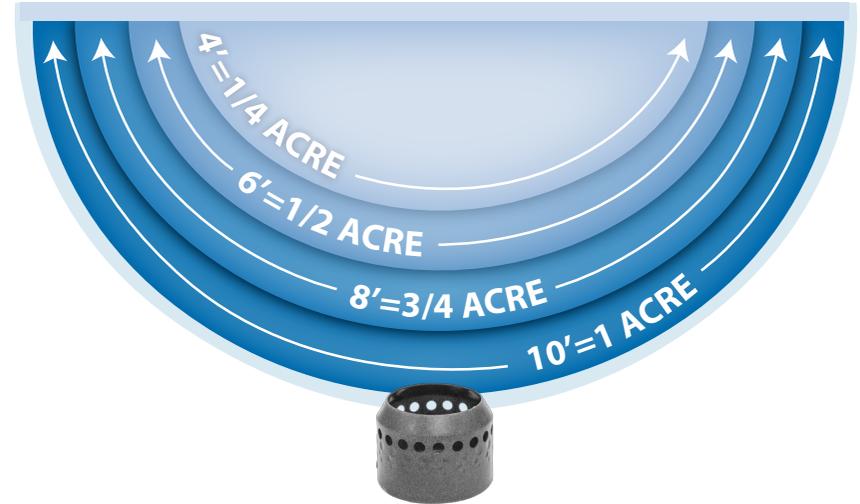
Lake Age and Water Quality

An important factor to determining the proper aeration system is the overall health and water quality of the pond or lake. Newly constructed ponds will typically need less aeration than an older, poorly managed ponds. Eutrophic ponds have more organic material and excess nutrients to process before improvements can be seen.

Diffuser Zone of Influence

Each diffuser will have a specific "zone of influence", covering only a certain area. This zone of influence is affected most specifically by depth. Diffusers placed in deeper water will be able to circulate larger volumes of water and transmit more oxygen into the water.

DIFFUSER ZONE OF INFLUENCE



Calculate Surface Areas

When determining what aeration system and/or how much beneficial microbes to use, you will want to know your pond or lake's size in surface acres. Here are a few diagrams with formulas to help out.

ROUND

Measure the radius in feet:

$$\frac{3.14 \times \text{Radius} \times \text{Radius}}{43,560}$$

= **Surface Acres**

LONG

Measure the length & width in feet:

$$\frac{\text{Length} \times \text{Width}}{43,560}$$

= **Surface Acres**

IRREGULAR

Measure the height & the base in feet:

$$\frac{0.5 \times \text{Height} \times \text{Base}}{43,560}$$

= **Surface Acres**

GETTING STARTED

INSTALLATION AND APPLICATION

The installation process for our aeration system is very simple and can be performed quickly and easily by homeowners and contractors alike.

Step 1: Find a suitable location for the aeration cabinet. If you are installing a Solaer solar powered aeration system you will want to make sure that there is an unobstructed view of solar south.

Step 2: Set the cabinet on a firm, level surface. A Keeton Level-Aer Equipment Pad (found on page 34) provides the perfect surface for our aeration systems.

Step 3: Drop the diffuser(s) in the desired location and run the self-weighted feeder tubing back to the cabinet.

Step 4: Hook up the self-weighted tubing to the cabinet and you are ready to aerate!

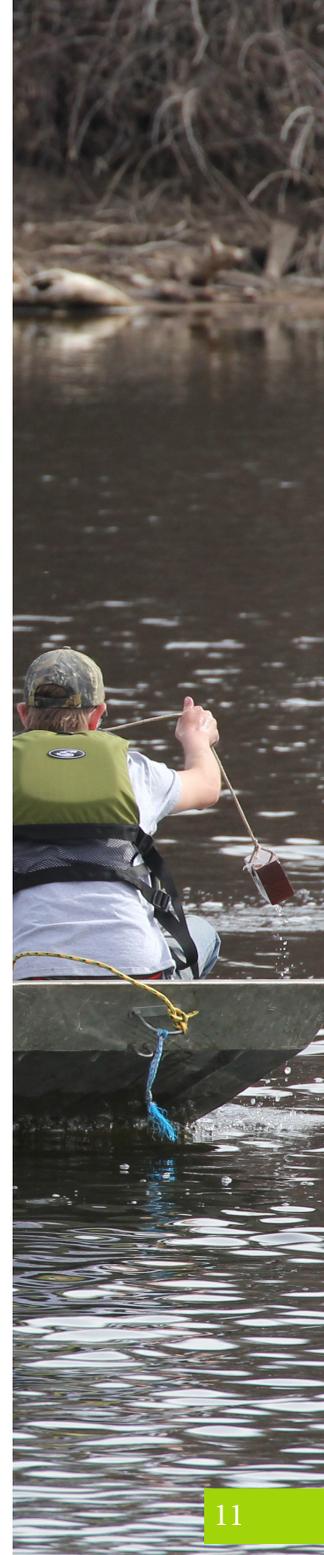
Microbe Application

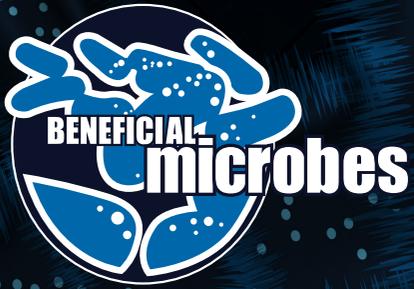
The process to apply our beneficial microbes is very simple and requires only a few minutes every other week. Our microbes are available in 10 lb and 25 lb pails. Inside the pails the microbes are conveniently packaged in 8-ounce (1/2-lb) water-soluble packets.

The water soluble bags make application a quick and easy process. Simply toss in the correct dosage and watch the bags dissolve in about 45 seconds.



Water Soluble Bags in Action!





- 1 Water Soluble Bags
- 2 Bacterial Carrier
- 3 Branded Packaging
- 4 11 Kilogram Bucket

BENEFICIAL MICROBES

ALL NATURAL WATER QUALITY IMPROVEMENT

Beneficial microbes are naturally occurring microorganisms that perform beneficial tasks in the aquatic environment. These bacteria are capable of improving water quality and clarity by targeting organic particulates and excess nutrients, such as Nitrogen and Phosphorus.

Although beneficial microbes are naturally occurring, they typically are present in low concentrations that are not able to improve water quality and clarity on their own. The application of beneficial microbes can boost their populations giving them the ability to affect water quality and clarity.

WHAT MICROBES ARE RIGHT FOR ME? SEE PAGES 14-17.



1 BACTERIAL MANUFACTURING

1 Bacterial Manufacturing

Our beneficial microbes are manufactured at the Keeton facility in Wellington, Colorado. Each bag is hand packed and tested for quality. Scan the QR code and watch a quick manufacturing video.

Watch the
Video!



2 WATER SOLUBLE BAGS



3 BACTERIAL CARRIER



2 Water Soluble Bags

The water soluble bags make application easy. Simply toss in the bags at the correct dosage and the bags will dissolve at an average of 45 seconds, dispersing the bacteria evenly throughout the water.

3 Bacterial Carrier

The bacterial carrier provides the perfect amount of available carbon to feed and grow the bacteria to its full potential.

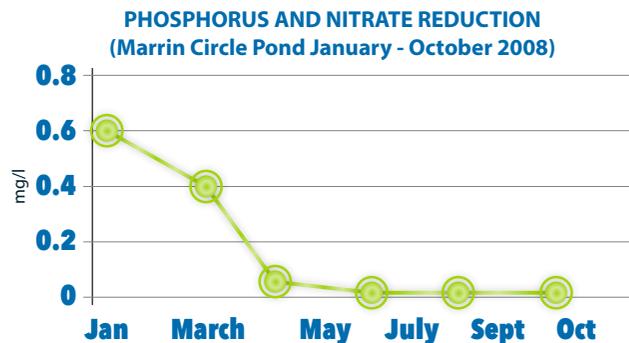
AQUA-TRON®

IMPROVE WATER QUALITY

- Reduce Excess Nutrients
- Create A Balanced Ecosystem
- Clear Ponds "Nature's Way"
- Easy Application
- Safe For Animals And Children

Aqua-Tron® has been developed to provide you with clean, clear, beautiful water. The build up of excess nutrients causes pond and lake eutrophication, which is very unsightly.

Aqua-Tron® is composed of unique classes of beneficial microbes known to rapidly metabolize excess nutrients, pulling them from the water column, returning the water to a naturally healthy and visually pleasing state.



Phosphorus and Nitrate were significantly reduced over a period of four months.



Dosing Information

6 lbs. per surface acre of water.

Maintenance Dosage : 2 to 3 lbs. per surface acre every two weeks until water clarity is achieved.

MODEL	SIZE	PRICE
AQUA 10WSP	10 LBS	\$189.00
AQUA 25WSP	25 LBS	\$449.50

Waste and Sludge Reducer™

REDUCE BOTTOM SLUDGE

- Reduce Odors
- Reduce Suspended Solids
- Reduce Organic Waste
- Easy Application
- Safe For Animals And Children

Waste & Sludge Reducer™ (WSR™) was developed to target the build-up of organic material and bottom sludge in ponds and lakes. As this material accumulates, it forms a layer on the bottom that when left unchecked, will contribute to the degradation of the water body.

WSR™ rapidly consumes this layer, which helps improve the water quality. WSR™ is also very effective at eliminating offensive odors, ammonia, nitrite, nitrate and organics.



The pond sludge depth was dramatically reduced over a 17 week period when the WSR was applied.



Dosing Information

6 lbs. per surface acre of water.

Maintenance Dosage : 2 to 3 lbs. per surface acre every two weeks until water clarity is achieved.

MODEL	SIZE	PRICE
WSR 10WSP	10 LBS	\$235.00
WSR 25WSP	25 LBS	\$565.00

Other Ponds and Lakes are Green with Envy®

Fishery PRIME™

ENHANCE FISH GROWTH RATES

- Improves Fish Health & Survival
- Reduces Fish Stress
- Patented Probiotic Formula
- Easy Application
- Safe For Animals And Children

The FIRST EVER Probiotic for lake management, Fishery Prime™ is a special blend of Probiotic microbes for the improvement of recreational fisheries. Fishery Prime™ improves fish health and survival, enhances growth rates and reduces fish stress.

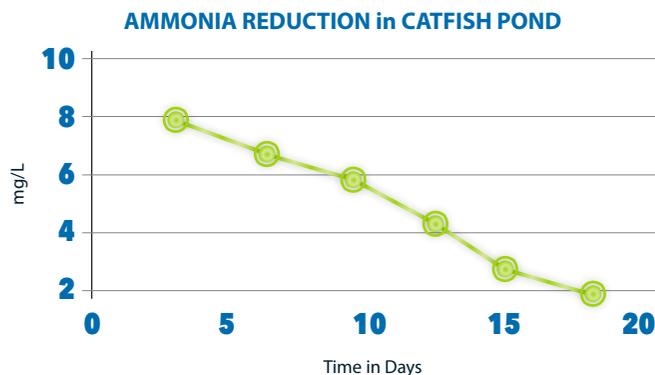
Fishery Prime's patented formula promotes conditions beneficial for game fish and other aquatic organisms and encourages a sustainable and healthy fishery.



Dosing Information

6 lbs. per surface acre of water.

Maintenance Dosage : 2 to 3 lbs. per surface acre every two weeks until water clarity is achieved.



The ammonia levels were dramatically reduced over a 17 week period when using Fishery Prime, creating a healthier more balanced environment for the fish.

MODEL	SIZE	PRICE
FP 10WSP	10 LBS	\$235.00
FP 25WSP	25 LBS	\$565.00

AQUA-TRON[®]

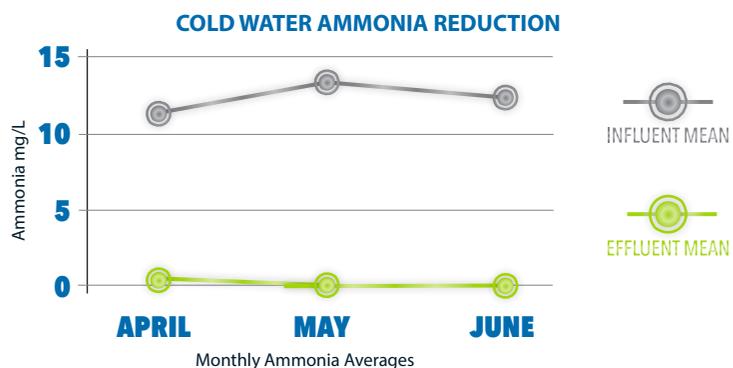
COLD WATER FORMULA

EFFECTIVE IN COLD WATER

- Improve Water Quality
- Reduce Excess Nutrients
- Create A Balanced Ecosystem
- Easy Application
- Safe For Animals And Children

The newest addition to the beneficial microbe family, Aqua-Tron[®] Cold Water Formula, has been developed to provide you with same wonderful benefits of the original Aqua-Tron[®]; clean, clear, beautiful water, except the microbes **THRIVE IN COLD WATER**.

Keep your water healthy all year long and prevent the build up of excess nutrients during the cooler temperatures.



Influent ammonia values were greater than 12 mg/l for each day reported for the months of May and early June. The three month average for Effluent Ammonia was 0.3926 mg/l, while average influent values were 11.37.



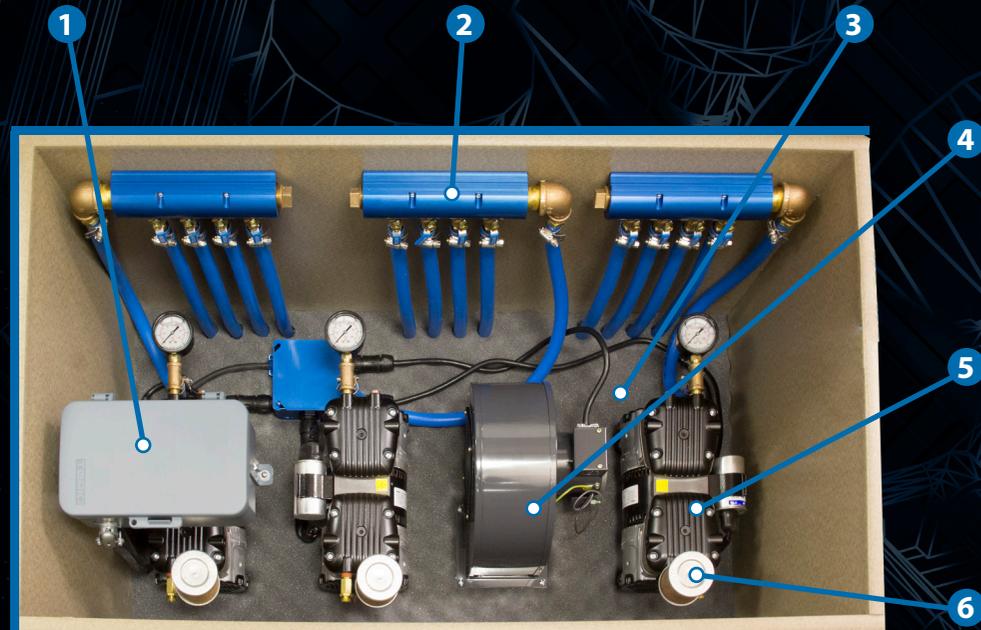
Dosing Information

6 lbs. per surface acre of water.

Maintenance Dosage : 2 to 3 lbs. per surface acre every two weeks until water clarity is achieved.

MODEL	SIZE	PRICE
ACW 10WSP	10 LBS	\$235.00
ACW 25WSP	25 LBS	\$565.00





INSIDE THE QUIET LINE AERATION SERIES

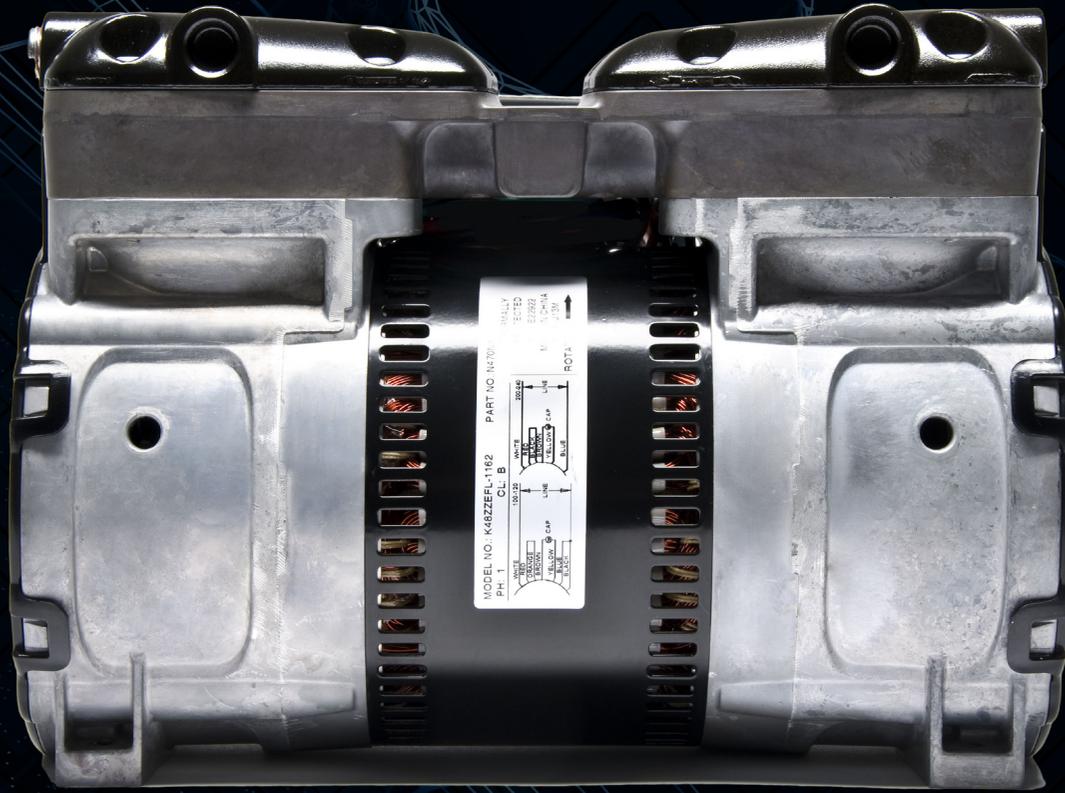
- 1 Digital Timer
- 2 Adjustable Manifold
- 3 Sound Reduction Foam
- 4 Cooling Blower
- 5 Rocking Piston Compressor
- 6 Air Intake Filter

QUIET LINE™ AERATION HIGHEST QUALITY AERATION ON THE MARKET

- Improve Dissolved Oxygen
- Increase Fish & Aquatic Life
- Reduce Bottom Sludge
- Decrease Offensive Odors
- 115V and 230V Options
- Improve Water Quality
- Enhance Water Clarity
- Standard Systems for Lakes Up to 25 Acres

Keeton Industries line of electrically powered pond aeration systems are the premier brand in the subsurface aeration market.

For the last four decades, we strive to provide our customers with the best quality and value. Like the name suggests, our Quiet Line™ aeration systems are by far the quietest systems you can find anywhere.



1 OIL-LESS ROCKING PISTON COMPRESSOR

1 Compressor

The new Gast 87R640 oil-less rocking piston compressor is setting a new aeration standard that is quieter, more durable, and will fit virtually any application. While other manufacturers have been busy selling rocking piston compressors that produce a lot of noise and less-than-ideal pressure, Gast has been quietly setting the new standard by re-engineering our oil-less rocking piston from the ground up.

2 DIGITAL TIMER



3 ADJUSTABLE MANIFOLD



2 Digital Timer

Digital programmable switches provide precise control. Feature capacitor power outage backup, permanent schedule retention, and locking hasp. UL Listed and C-UL Listed or CSA Certified.

3 Adjustable Manifold

- One-Piece Aluminum Extrusion
- No Welds
- Anodized For Corrosion Resistance
- Fully Adjustable Ball Valves

KR SERIES

UP TO 4 ACRES

Details of a KR

- 1/4 Acre to 4 Acres
- 1 Adjustable Manifold
- 1 Compressor
- 1 to 4 Duraplate Diffusers

The KR series of pond aeration systems, our most popular, are ideally suited for small ponds and lakes up to 4 surface acres in size.

The KR series can operate up to four Duraplate™ Diffusers. Alpine™ self weighted tubing is include with the B models.

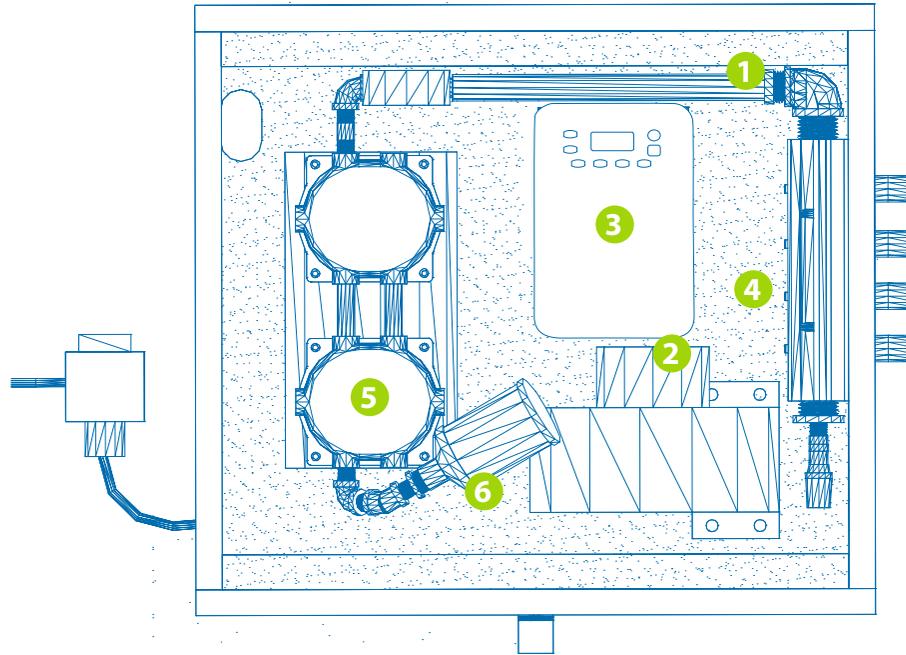
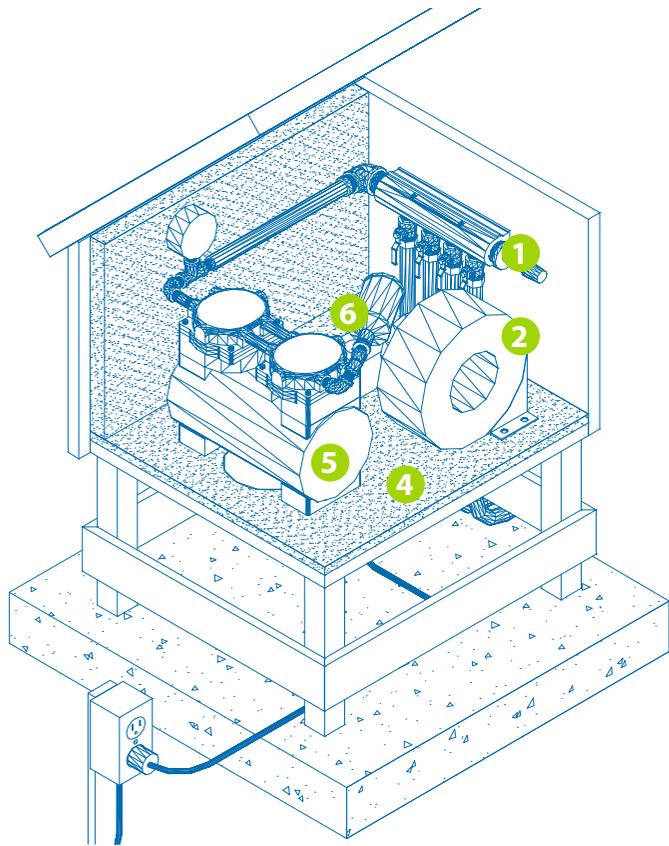


THE CABINET

- Attractive, 100% Recycled Plastic Cabinet
- 18"W x 16"L x 21"T
- 4-valve Adjustable Aluminum Manifold
- 135cfm Cooling Blower
- Programmable Digital Timer
- Sound Reduction Package
- 1" ASTM Certified Acoustical Foam
- 8' Grounded Plug

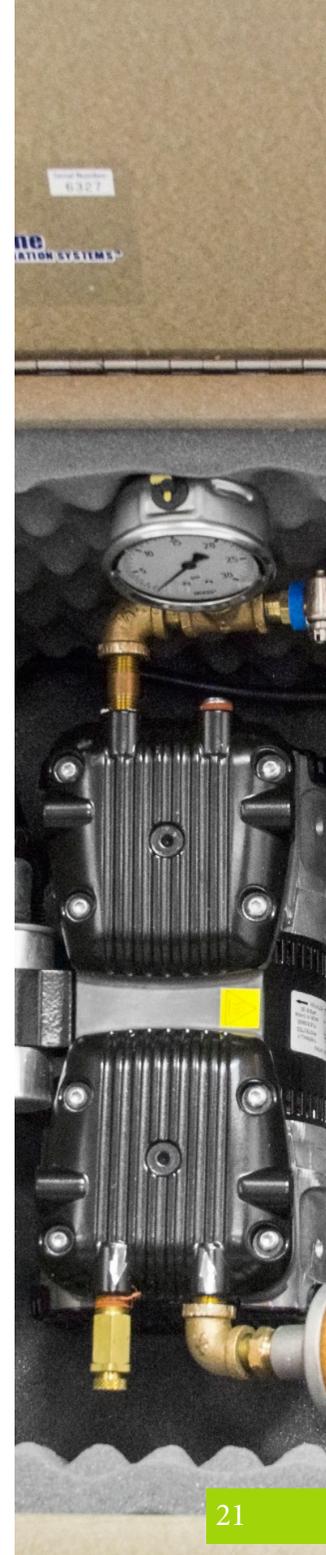
SINGLE COMPRESSOR

- 1/2HP Rocking Piston
- 5.3 CFM Air Flow
- 50psi Max Pressure
- 115V – 5.4A Max, 2.6A Average
- 230V – 2.9A Max, 1.4A Average
- Intake Filter
- Pressure Gauge
- Pressure Relief Valve



- 1 Adjustable Manifold**
- 2 Cooling Blower**
- 3 Digital Timer**
- 4 Sound Reduction Foam**
- 5 Rocking Piston Compressor**
- 6 Air Intake Filter**

MODEL	115V	230V
KR-1DP	\$1,795.00	\$2,045.00
KR-1DP-B (100' tubing)	\$1,895.00	\$2,145.00
KR-2DP	\$1,995.00	\$2,245.00
KR-2DP-B (200' tubing)	\$2,195.00	\$2,445.00
KR-3DP	\$2,195.00	\$2,445.00
KR-3DP-B (300' tubing)	\$2,495.00	\$2,745.00
KR-4DP	\$2,395.00	\$2,645.00
KR-4DP-B (400' tubing)	\$2,795.00	\$3,045.00
PAD-SM (Level-Aer)	\$59.00	\$59.00



DR SERIES

UP TO 8 ACRES

Details of a DR

- 4 to 8 Acres
- 2 Adjustable Manifolds
- 2 Compressors
- 4 to 8 Duraplate Diffusers

The DR series of aeration systems houses two 1/3HP compressors in a medium recycled plastic cabinet.

The DR can operate up to eight Duraplate™ diffusers allowing it to effectively aerate large ponds and lakes up to 8 surface acres in size. Alpine™ self weighted tubing can be purchased separately.

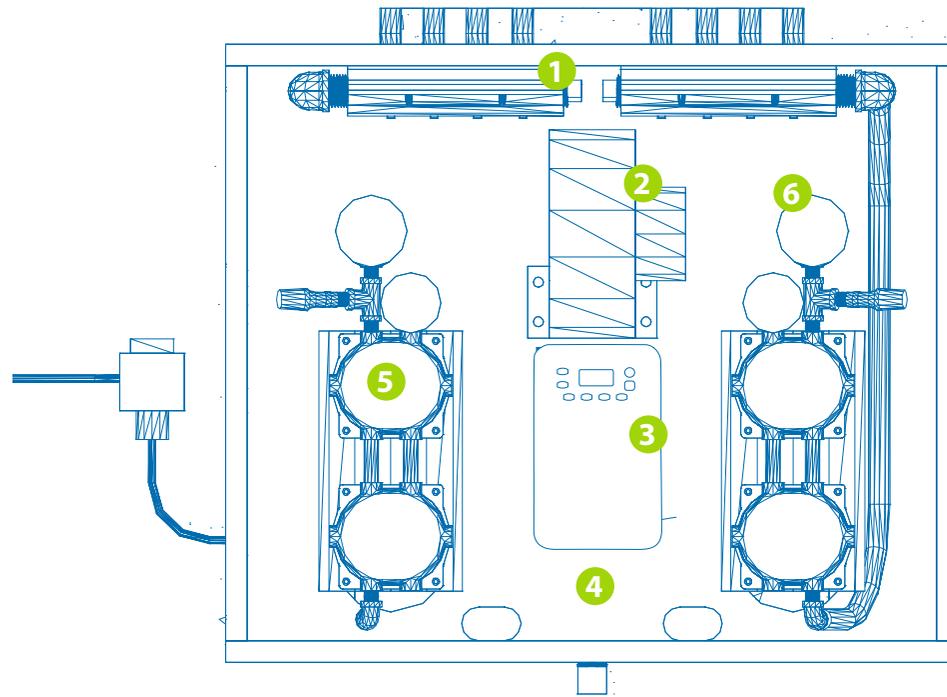
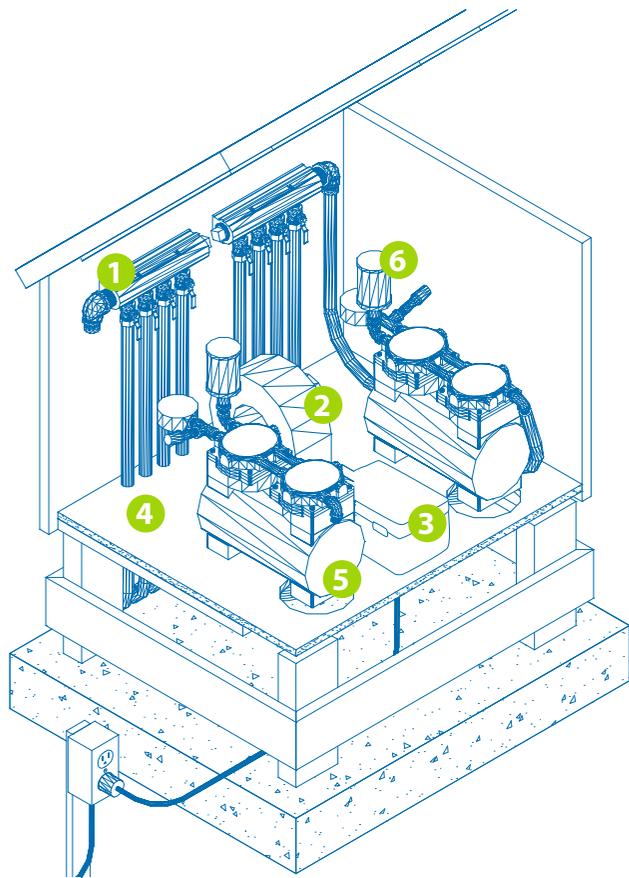
THE CABINET

- Attractive, 100% Recycled Plastic Cabinet
- 20"W x 24"L x 27"T
- Two 4-valve Adjustable Aluminum Manifolds
- 135cfm Cooling Blower
- Programmable Digital Timer
- Sound Reduction Package
- 1" ASTM Certified Acoustical Foam
- 8' Grounded Plug

DOUBLE COMPRESSORS

- 1/2 HP Rocking Piston
- 10.6 CFM Air Flow
- 50psi Max Pressure
- 115V - 10.8A Max, 5.2A Average
- 230V - 5.8A Max, 2.8A Average
- Intake Filter
- Pressure Gauge
- Pressure Relief Valve





- 1 Adjustable Manifold**
- 2 Cooling Blower**
- 3 Digital Timer**
- 4 Sound Reduction Foam**
- 5 Rocking Piston Compressor**
- 6 Air Intake Filter**

MODEL	115V	230V
DR-4DP	\$3,695.00	\$4,195.00
DR-6DP	\$4,065.00	\$4,565.00
DR-8DP	\$4,495.00	\$4,995.00
SW 1/2 (100' tubing)	\$130.00	\$130.00
SW 1/2 - 500 (500' tubing)	\$650.00	\$650.00
PAD-MED (Level-Aer)	\$78.00	\$78.00

TR SERIES

UP TO 24 ACRES

Details of a TR

- 6 to 24 Acres
- 3 Adjustable Manifolds
- 3 Compressors
- 6 to 12 Duraplate Diffusers

The TR series of aeration systems houses three 1/3HP compressors in a long recycled plastic cabinet.

The TR can operate up to 12 Duraplate™ diffusers allowing it to effectively aerate large ponds and lakes up to 24 surface acres in size. Alpine™ self-weighted tubing can be purchased separately.

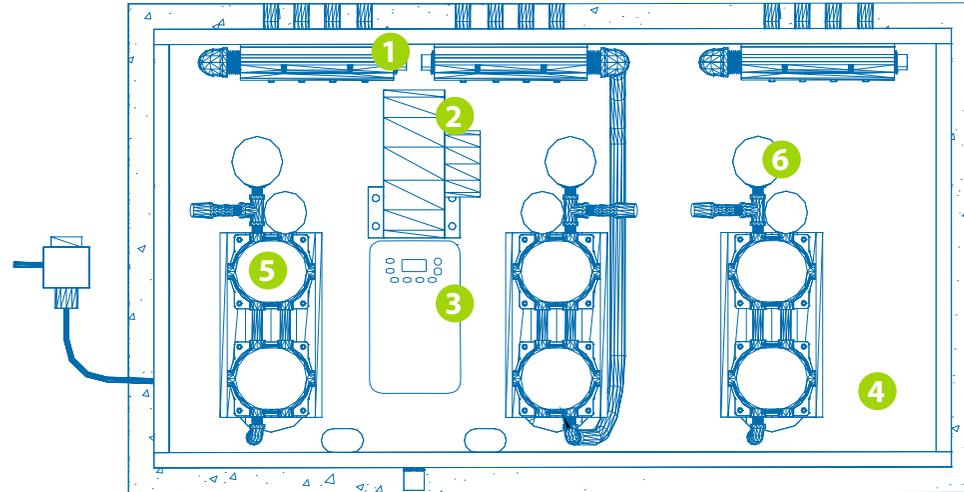
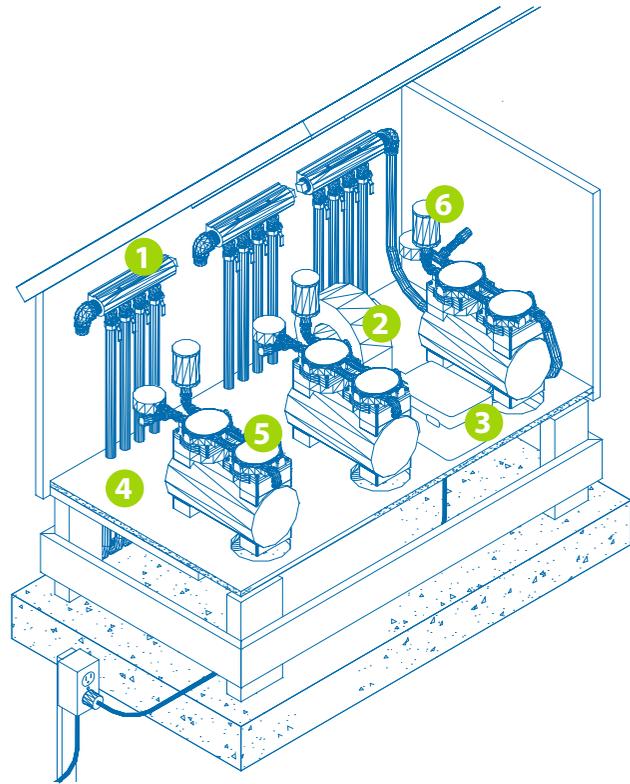
THE CABINET

- Attractive, 100% Recycled Plastic Cabinet
- 20"W x 36"L x 27"T
- Three 4-valve Adjustable Aluminum Manifolds
- 275cfm Cooling Blower
- Programmable Digital Timer
- Sound Reduction Package
- 1" ASTM Certified Acoustical Foam
- 8' Grounded Plug



TRIPLE COMPRESSORS

- 1/2HP Rocking Piston
- 15.9 CFM Air Flow
- 50psi Max Pressure
- 115V – 16.2A Max, 7.8A Average
- 230V – 8.7A Max, 4.2A Average
- Intake Filter
- Pressure Gauge
- Pressure Relief Valve
- Thermal Overload Protection



- 1 Adjustable Manifold**
- 2 Cooling Blower**
- 3 Digital Timer**
- 4 Sound Reduction Foam**
- 5 Rocking Piston Compressor**
- 6 Air Intake Filter**

MODEL	115V	230V
TR-6DP	\$4,965.00	\$5,715.00
TR-9DP	\$5,495.00	\$6,245.00
TR-12DP	\$6,125.00	\$6,875.00
SW 1/2 (100' tubing)	\$130.00	\$130.00
SW 1/2 - 500 (500' tubing)	\$650.00	\$650.00
PAD-LRG (Level-Aer)	\$87.00	\$87.00

QR SERIES

UP TO 32 ACRES

Details of a QR

- 12 to 32 Acres
- 4 Adjustable Manifolds
- 4 Compressors
- 12 to 16 Duraplate Diffusers

The QR series of aeration systems houses four 1/3HP compressors in a long recycled plastic cabinet.

The QR can operate up to 16 Duraplate™ diffusers allowing it to effectively aerate large ponds and lakes up to 32 surface acres in size. Alpine™ self-weighted tubing can be purchased separately.

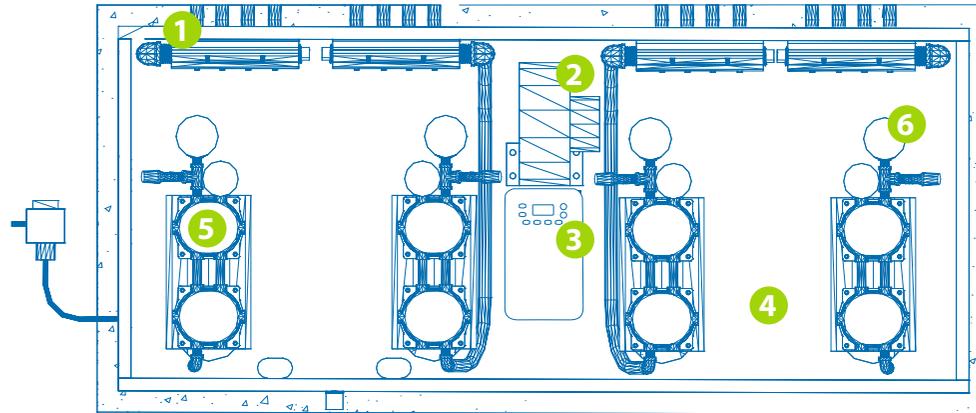
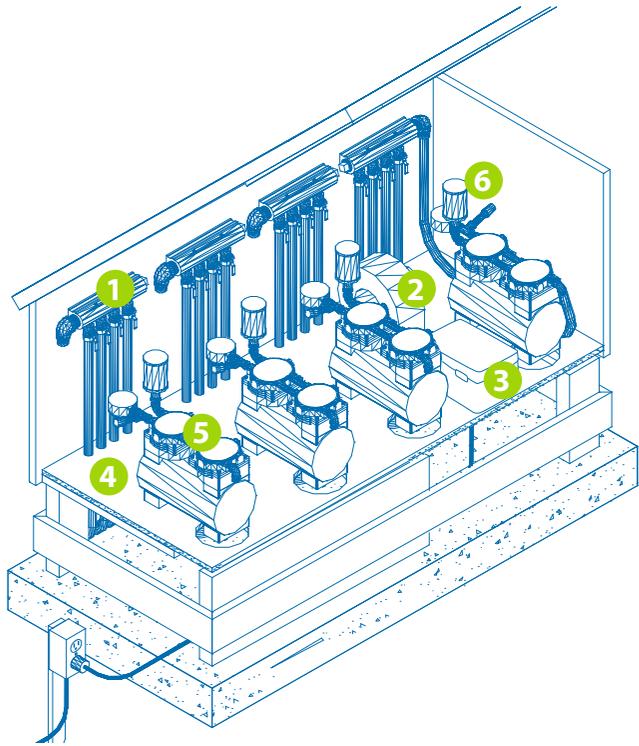
THE CABINET

- Attractive, 100% Recycled Plastic Cabinet
- 20"W x 36"L x 27"T
- Four 4-valve Adjustable Aluminum Manifolds
- 275cfm Cooling Blower
- Programmable Digital Timer
- Sound Reduction Package
- 1" ASTM Certified Acoustical Foam
- 8' Grounded Plug

QUAD COMPRESSORS

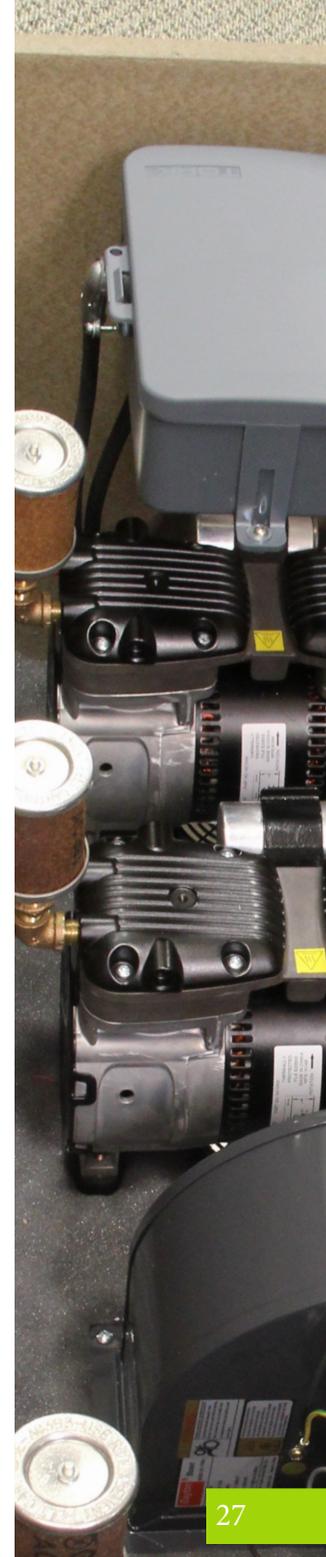
- 1/2HP Rocking Piston
- 21.2 CFM Air Flow
- 50psi Max Pressure
- 115V – 20.8A Max, 10.4A Average
- 230V – 11.6A Max, 5.6A Average
- Intake Filter
- Pressure Gauge
- Pressure Relief Valve
- Thermal Overload Protection





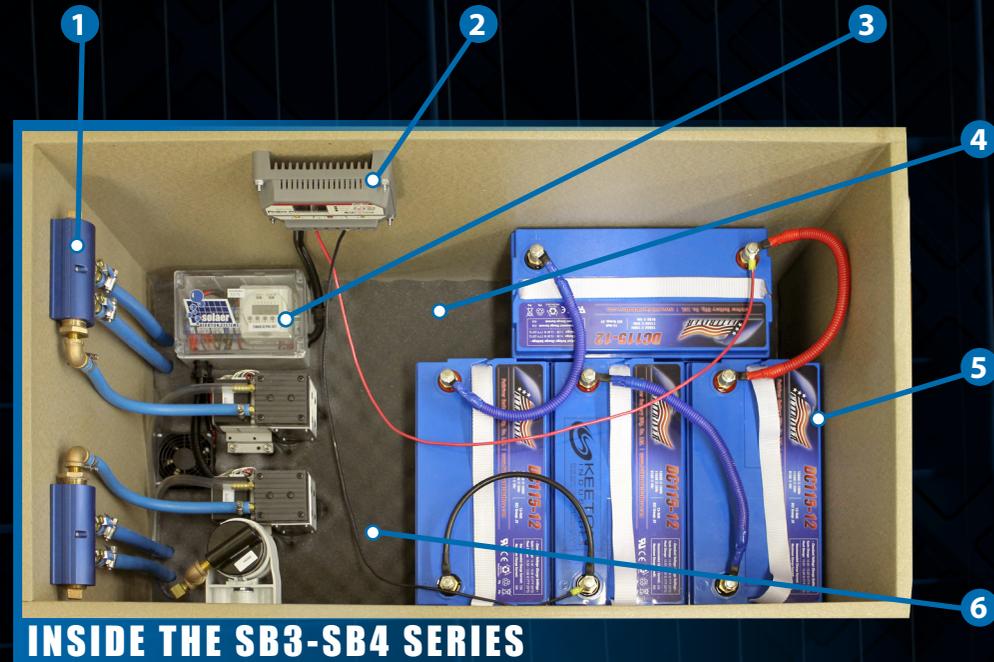
- 1 Adjustable Manifold**
- 2 Cooling Blower**
- 3 Digital Timer**
- 4 Sound Reduction Foam**
- 5 Rocking Piston Compressor**
- 6 Air Intake Filter**

MODEL	115V	230V
QR-12DP	\$6,975.00	\$7,975.00
QR-16DP	\$7,595.00	\$8,595.00
SW 1/2 (100' tubing)	\$130.00	\$130.00
SW 1/2 - 500 (500' tubing)	\$650.00	\$650.00
PAD-LRG (Level-Aer)	\$87.00	\$87.00





2
YEAR
WARRANTY



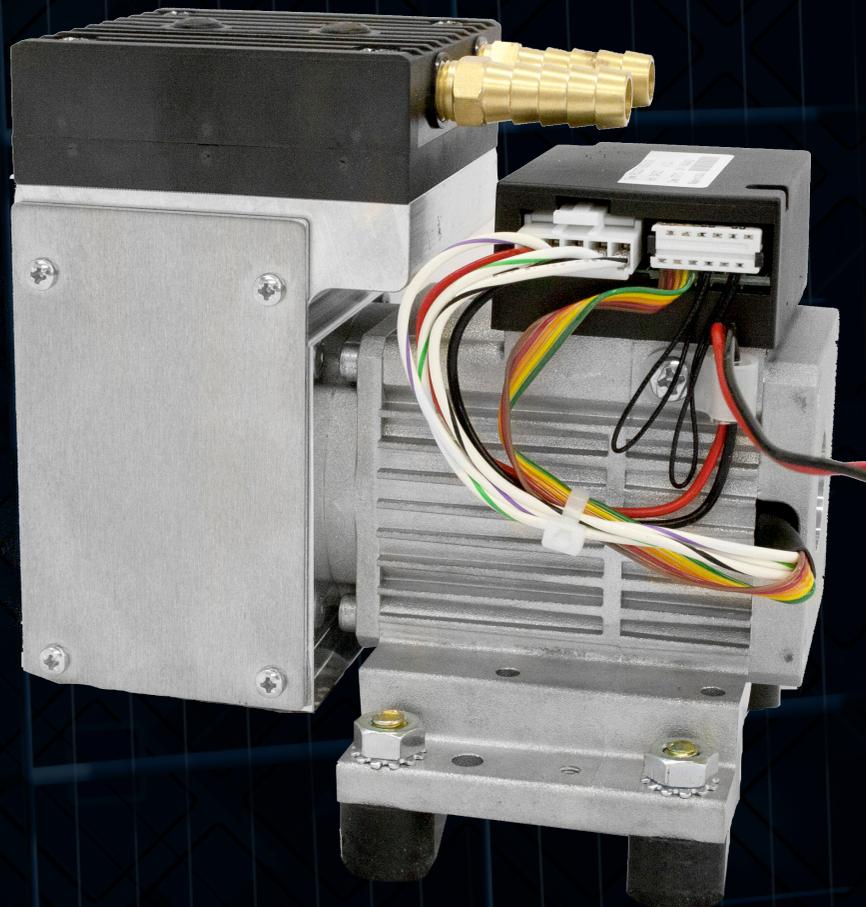
- 1 Adjustable Manifold
- 2 Charge Control System
- 3 SAMS and Digital Timer
- 4 Sound Reduction Foam
- 5 Batteries
- 6 Air Intake Filter

SOLAER™ AERATION PATENTED SOLAR AERATION SYSTEM

Keeton Industries changed the subsurface aeration market forever when we developed the first solar powered aeration system, Solaer™. Our patented solar powered aeration system is one of a kind. The energy efficient design allows them to be deployed anywhere and

provide all of the benefits of a standard aeration system without the need for power.

Keeton Industries' solar powered aeration is a highly requested product that is significant in reducing carbon footprints. Patented and with the best quality in the market, solar aeration has been used in all parts of the United States and across the globe for pond maintenance.

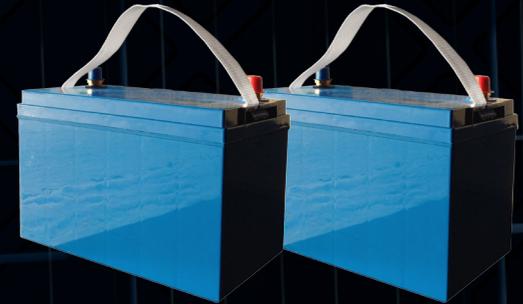


1 SOLAR COMPRESSOR

1 Compressor

- Eco Flow Compressor
- 24V Brushless DC Motor
- 1 CFM Air Flow
- 20 PSI Max Pressure

2 BATTERIES



3 SOLAR PANEL



2 Batteries

- Back up for night or extended poor weather
- Capacity 20 Hours a day of operation

3 Panel

- 24V High Efficiency
- Top Pole Mount
- Panel Size will vary depending on availability

SB-1 AND SB-2 UP TO 2 ACRES

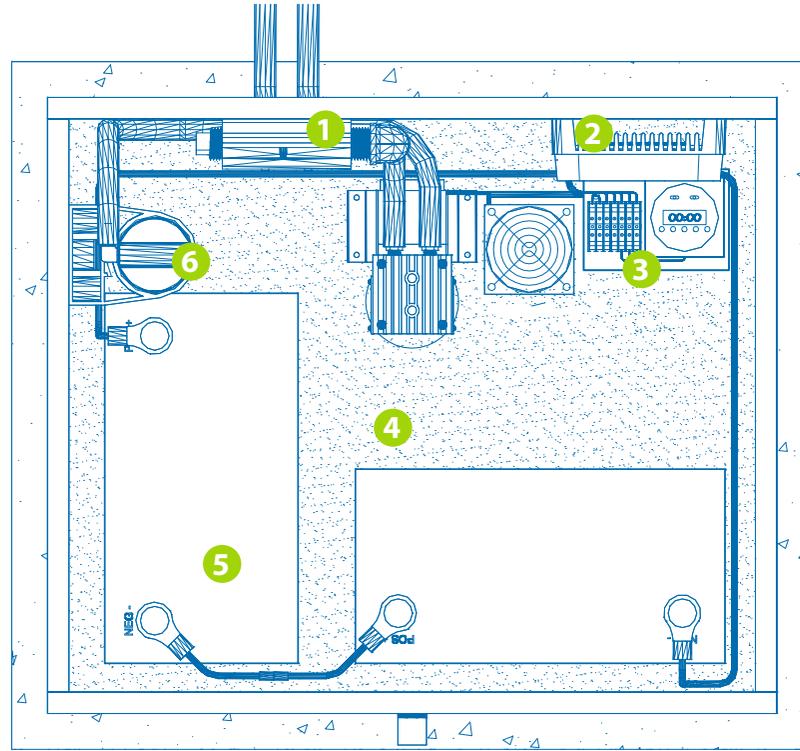
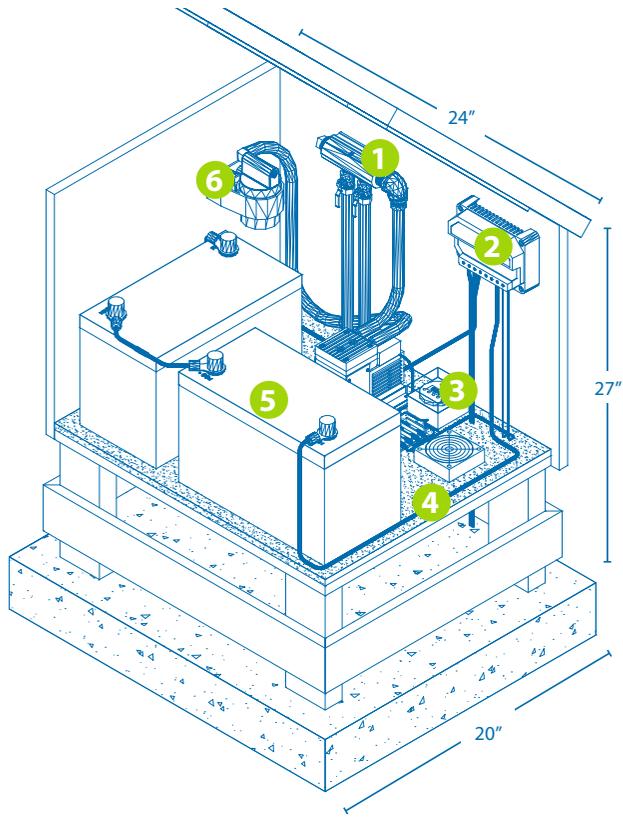
Solar Energy on a Mission

- 1 to 2 Acres
- 2 Batteries
- 1 Compressor
- 1 to 2 Duraplate Diffusers
- 1 Solar Panel

Solaer™ features the same sound reduction package as our Quiet Line™ aeration systems, also making them extremely quiet. The 100% recycled plastic cabinet houses all of the critical components including the charge control system that monitors the solar panel array, the equipment load and the battery back-up system. The battery back-up enables the system to run at night or during extended periods of poor weather.

Solaer™ is designed to operate 20 hours per day and has enough battery capacity to run the system up to three days without any solar input. Solaer™ systems include solar panels with pole mounting bracket, a specially designed, energy efficient compressor, a high volume cooling fan, a fully adjustable aluminum manifold, Duraplate™ diffusers and self-weighted Alpine™ tubing.





- 1 Adjustable Manifold**
- 2 Charge Control System**
- 3 Digital Timer**
- 4 Sound Reduction Foam**
- 5 Batteries**
- 6 Air Intake Filter**

MODEL	PRICE
SB-1	\$6,245.00
SB-1B 100' Alpine Tubing	\$6,345.00
SW 1/2 100' Alpine Tubing	\$130.00
SW 1/2 500' Reel Alpine Tubing	\$650.00
PAD-MED (Level-Aer)	\$78.00
SB-2	\$6,395.00
SB-2B 200' Alpine Tubing	\$6,595.00
SW 1/2 100' Alpine Tubing	\$130.00
SW 1/2 500' Reel Alpine Tubing	\$650.00
PAD-MED (Level-Aer)	\$78.00



SB-3 AND SB-4 **UP TO 4 ACRES**

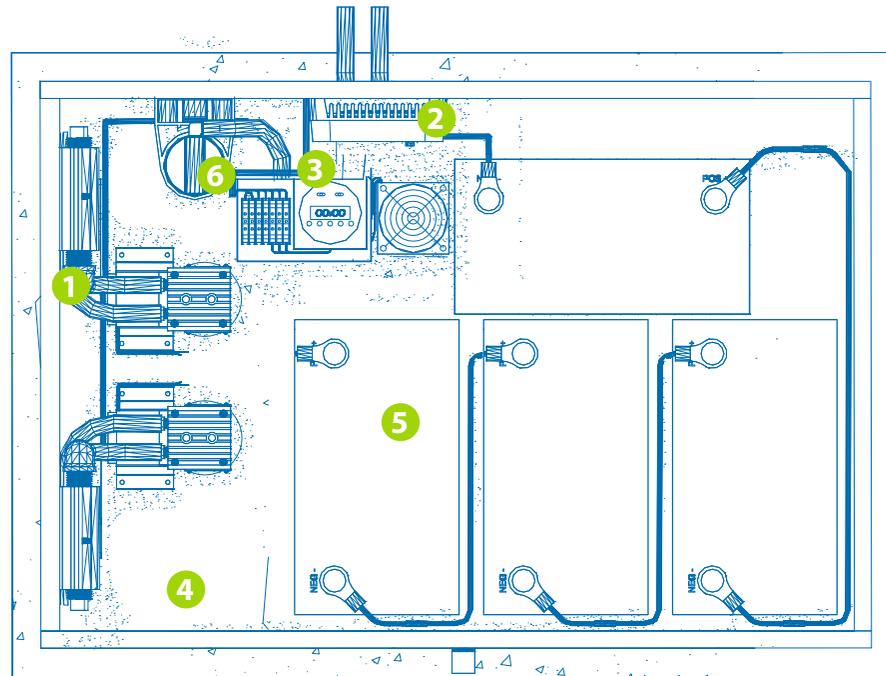
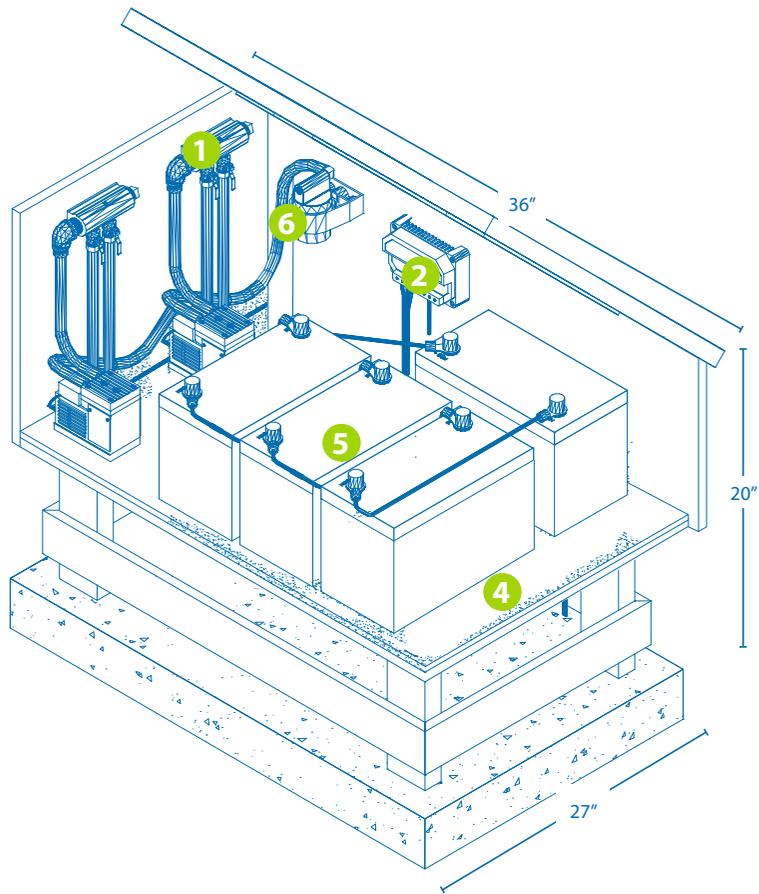
Solar Energy on a Mission

- **3 to 4 Acres**
- **4 Batteries**
- **2 Compressors**
- **3 to 4 Duraplate Diffusers**
- **2 Solar Panels**

Since 2004, the Keeton Solaer Aeration System is the only patented system that's been in the marketplace and because it operates on solar power, it can be installed anywhere. The solar panels capture the energy, which is stored in the batteries, which power up the compressors and pump air through the diffusers into your pond or lake.

Electricity is not available everywhere, but a Keeton Solaer Aeration System can be installed anywhere. It's a great solution when power is not available or too expensive in your area. In some locations, running electric wiring is not a possibility. In other areas, the costs greatly outweigh the cost of a solar aeration system. By choosing a Keeton Solaer Aeration System, none of these costs are necessary, and your electric bill won't be affected.





- 1 Adjustable Manifold**
- 2 Charge Control System**
- 3 Digital Timer**
- 4 Sound Reduction Foam**
- 5 Batteries**
- 6 Air Intake Filter**

MODEL	PRICE
SB-3	\$12,445.00
SB-3B 300' Alpine Tubing	\$12,745.00
SW 1/2 100' Alpine Tubing	\$130.00
SW 1/2 500' Reel Alpine Tubing	\$650.00
PAD-LRG (Level-Aer)	\$87.00
SB-4	\$12,595.00
SB-4B 400' Alpine Tubing	\$12,995.00
SW 1/2 100' Alpine Tubing	\$130.00
SW 1/2 500' Reel Alpine Tubing	\$650.00
PAD-LRG (Level-Aer)	\$87.00



ADDONS TO TAKE IT FURTHER

IMPROVING THE AERATION EXPERIENCE

Remote Manifold

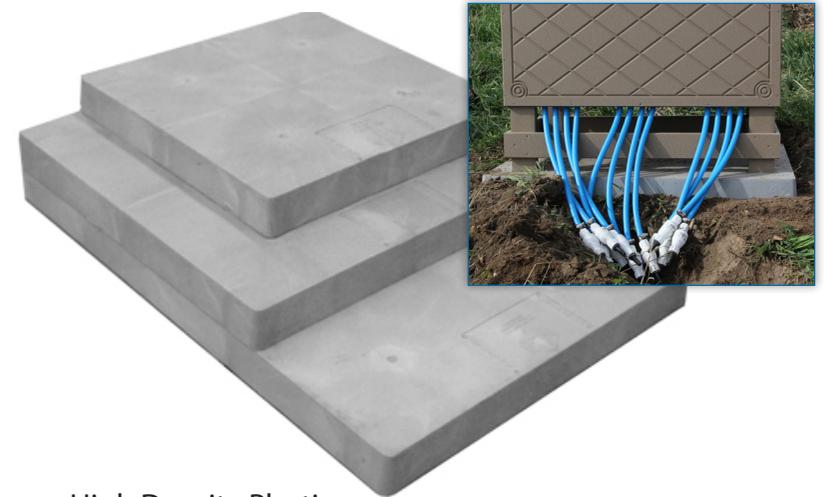


- Add Aeration to a Remote Setting
- Single Tubing Run

No power at the shore? No problem! Now, take advantage of your existing electric outlets, even far distances from the water, by using our Remote Manifold. Same high quality results, just added convenience. A single tubing run from the system to the Remote Manifold allows you to run up to 4,000' to the shoreline.

MODEL	PRICE
RM-4 (Four Valves)	\$325.00
RM-8 (Eight Valves)	\$425.00

Level-Aer™ Pads



- High Density Plastic
- Durable Level Surface

Level-Aer™ Equipment Pads, made from a high density plastic, are a great way to ensure that your system is on a sturdy durable surface, without having to use concrete or other heavy construction materials.

MODEL	SIZE	PRICE
PAD-SM	24" x 24" x 3"	\$59.00
PAD-MED	30" x 30" x 3"	\$78.00
PAD-LRG	30" x 42" x 3"	\$86.00

ADDONS TO TAKE IT FURTHER

IMPROVING THE AERATION EXPERIENCE

Duraplate™ Diffusers



- Lifetime Warranty
- Fishhook Resistant
- Self Cleaning and Non Clogging

Our aeration systems use Duraplate™ self-cleaning, non-clogging membrane diffusers. The Duraplate Diffuser was designed to create a large amount of laminar circulation to eliminate stratification.

MODEL	PRICE
DDP-9	\$160.00

Alpine Blue™



- Turn Water Blue
- Pleasing Aesthetic
- Bird Blocker

Alpine Blue™ is a helpful tool to create a natural, healthy looking lake environment. Adding dye to your pond or lake can turn ugly water into a pleasant blue color.

MODEL	PRICE
Quart	\$29.95
Case - 12 Quarts	\$310.00

Alpine™ Tubing



- Lifetime Warranty
- Self Weighted
- Will NOT Kink or Break
- ¼" sidewall

Keeton Industries Alpine™ self-weighted feeder tubing offers the perfect balance of flexibility and weight.

MODEL	PRICE
SW 1/2 100' Alpine Tubing	\$130.00
SW 1/2 500' Alpine Tubing	\$650.00



ADDONS TO TAKE IT FURTHER

IMPROVING THE AERATION EXPERIENCE

Quiet-Line™ Aeration Compressor Repair Kit



Includes:
Replacement cylinder
sleeves and gaskets.
One per compressor.

MODEL	PRICE
QLR	\$175.00

Scan the QR code to
watch an instructional
video on replacing the kit.



Quiet-Line™ Aeration Replacement Filter



Quiet Line™ Aeration
System Replacement
Air Intake Filter.
One per compressor.

MODEL	PRICE
AC393	\$15.00

Scan the QR code to
watch an instructional
video on replacing the filter.



Solaer™ Aeration Compressor Repair Kit



Includes: Replacement
diaphragm, reed valves
and gasket.
One per compressor.

MODEL	PRICE
SBR	\$75.00

Scan the QR code to
watch an instructional
video on replacing the kit.



Solaer™ Aeration Replacement Filter



Solaer™ Aeration System
Replacement Air Intake
Filter Element.
Two per compressor.

MODEL	PRICE
B344A	\$2.50 each

Scan the QR code to
watch an instructional
video on replacing the filter.



ADDONS - LATEST INNOVATIONS FOR 2015

YOU REQUESTED, WE CREATED

Connector Kits



Make installation easier with a connector kit. This kit includes:

16 - Clamps, 4 - 3/8" Male Adapters, and 4 - 3/8" Couplers for use with our SW 1/2 tubing.

MODEL	PRICE
CK-24	\$35.00



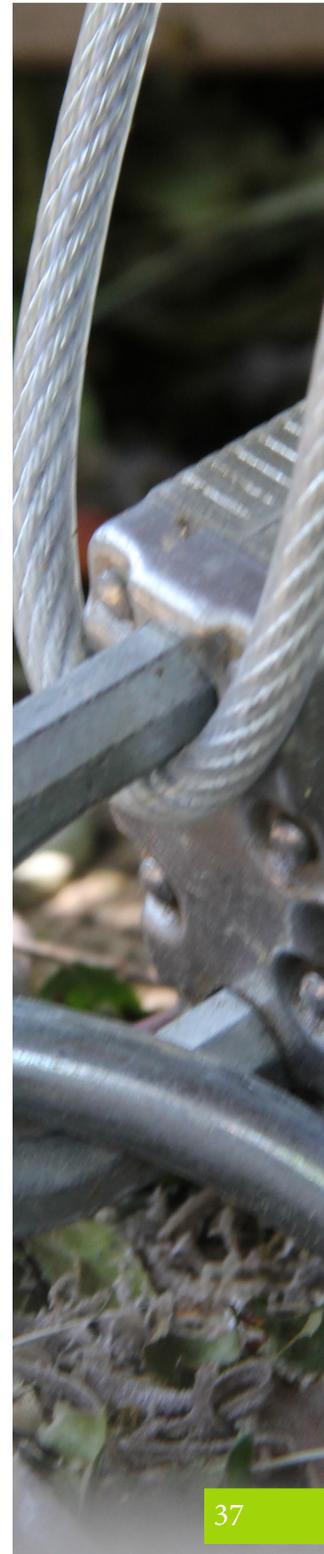
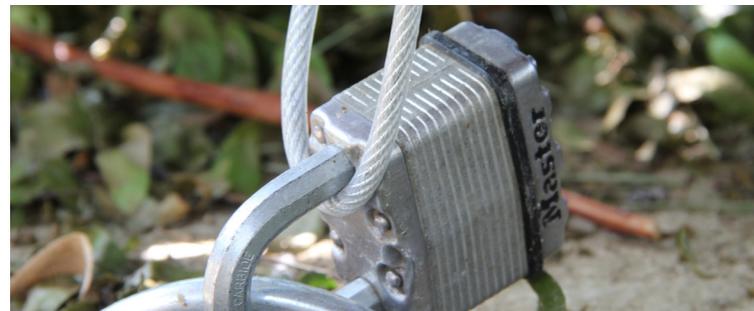
Security Kits



Secure your aeration cabinet with this extra tough security kit. Ground anchors keep your cabinet securely in place. The kit includes:

1 Steel Rod, 2 Aluminum Bullet Anchors, and 1 Master Lock Set

MODEL	PRICE
SK-4	\$50.00



LATEST STANDARD INNOVATIONS FOR 2015

YOU REQUESTED, WE CREATED

At Keeton Industries, we are constantly thinking of new ways to improve our products. There are four new innovations that will be standard with every new aeration system in the 2015 models: The SAMS Solar Aeration Monitoring System, the Tork Timers, Level-Aer CutOuts, and new valves in the Duraplate Diffusers.

Solaer™ Aeration Monitoring System - SAMS

Another innovation making diagnosis easier than ever. With these indicator lights you'll be able to check the solar system for normal operation with just a quick look.



Yellow Indicator

Solar Input.
The yellow indicator lets you know the sun is shining and the solar photo-voltaic panel is operational.



Blue Indicator

Load - Compressor.
Indicates air compressor motor is operational.



Green Indicator

Battery Status.
Indicates batteries have power and are operational.

LATEST STANDARD INNOVATIONS FOR 2015

YOU REQUESTED, WE CREATED

Tork Timers

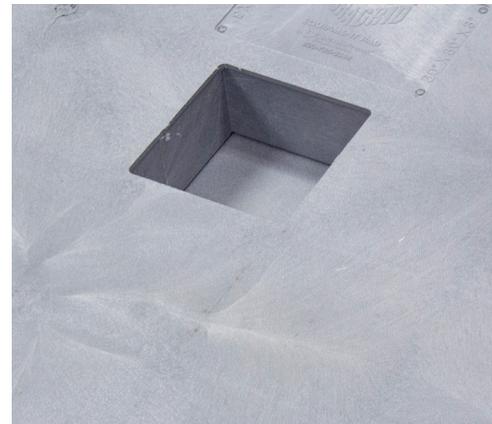


Program the aeration system operation with the Tork Digital Timer.

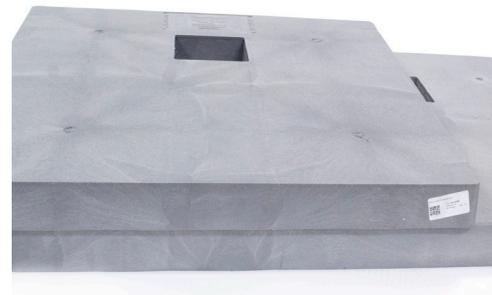
- 24 Hour Operation Mode
- 100 Hour Backup
- Voltage: 120 to 277VAC
- 40 amps



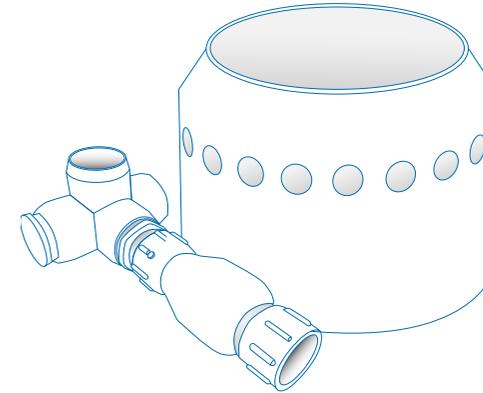
Level-Aer® Cutouts



The Level-Aer pads now come pre-cut making installation easier. By pulling the tubing through the pre-cut openings, the tubing can be hidden. This will provide less exposure to the elements and create a more attractive installation finish.



Valves



Duraplate Diffusers are now manufactured with check valves inside. This new standard feature will prevent water back flow and reduce the noise level inside the cabinet.



REMOTE MANIFOLDS

WHEN YOU DON'T HAVE POWER AT THE SHOWER

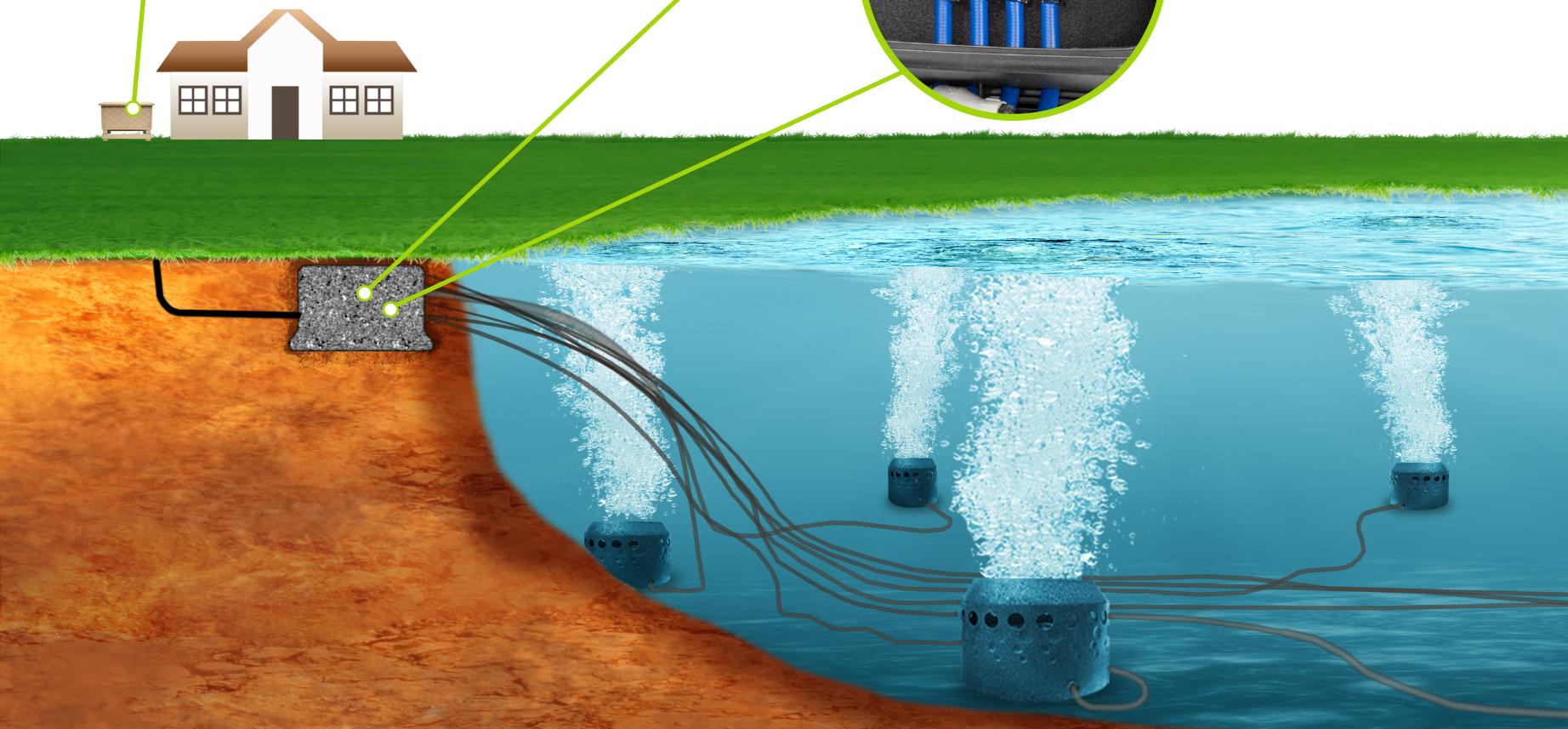


No Power?
Take advantage of your existing electric outlets by placing the aeration close to the power source. A single tube can be run from the system to the Remote Manifold.



Remote Manifold
A single tubing run from the system to the Remote Manifold and tubing for each diffuser allows you to run up to 4,000' to the shoreline.

The Alpine tubing sinks directly to the bottom and will not kink or break. Alpine tubing is a high density, flexible tubing that features a thick, 1/4" sidewall.



Aeration

Water is pulled into the diffuser. The water is Oxygenated. Water is transported up to the surface. A laminar current is created.

Lift Rate: 1000-2500 GALLONS OF WATER PER MINUTE*

*Lift Rate will vary depending on water depth.

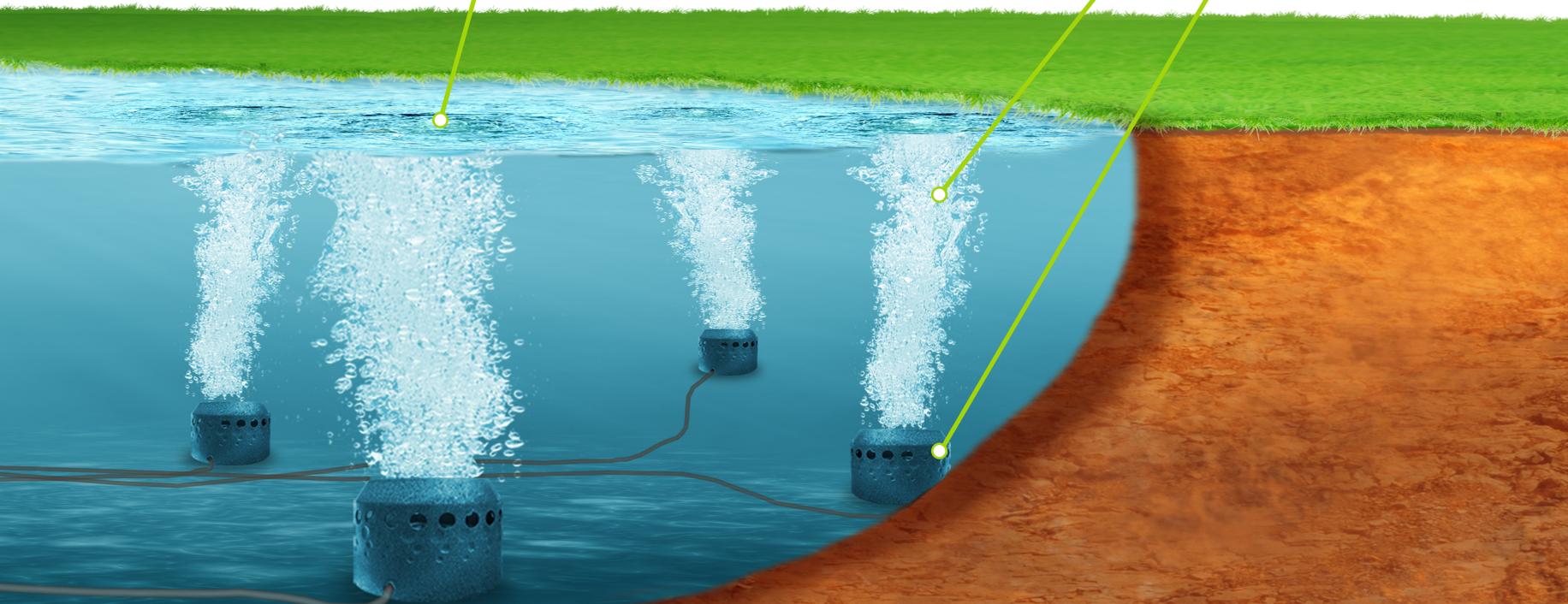
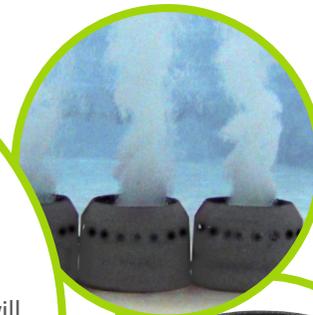


Duraplate Diffusers

The Duraplate Diffuser offers a very high oxygen transfer rate to increase dissolved oxygen concentrations at all levels in the pond from the surface to the bottom.

Due to their design, the Duraplate Diffuser will not need to be removed for cleaning like many of the other diffuser designs on the market, and are backed by a lifetime warranty.

The rotationally molded Duraplate Diffuser shell is also fishhook resistant, making them an ideal choice for fishing ponds and lakes.



ADDITIONAL PERKS FROM KEETON

MORE WAYS TO BENEFIT AND CONNECT WITH KEETON

Warranty

- Two Year Warranty on Finished Aeration Units
- Lifetime Warranty on Diffusers and Tubing

Keeton Industries finished products, when properly installed and operated under normal conditions of use, are warranted by Keeton Industries to be free from defects in material and workmanship for a period of twenty-four (24) months from the date of purchase from Keeton Industries or an authorized Keeton Industries Representative or Dealer.

Go to KeetonAquatics.com for full warranty details.

Social Media



Facebook

Connect with us on Facebook for updates and news.



YouTube

Follow us on YouTube for product videos and fun videos that we capture day to day.

Subscribe to Blog via Email

Subscribe

Email Subscription

Subscribe to our email list through our website. We post news and product updates regularly.

Websites



KeetonAquatics.com is the most updated website and a great resource for pond and lake management.

Our blog is updated regularly with industry news, new product information, videos on product maintenance, and more.



Fish-Kill.com is a great site for researching solutions and preventing fish kills in your pond or lake.

If you think you may be experiencing a fish kill, contact us! We can help.



PondDeicing.com has information on products for preventing a pond freeze during the winter. A frozen pond can lead to water quality problems and fish kills in the spring.



Solar-Aeration.com is a great site to visit for information specifically about our solar powered aeration systems. Browse the image gallery, solar videos or blog for the latest solar aeration information.

DIAGRAM SKETCH OF POND OR LAKE

CHECKLIST AND SKETCH

LENGTH: _____ FT.

WIDTH: _____ FT.

RADIUS IF ROUND POND _____ FT.

DEPTH: AVERAGE: _____ FT.

MAXIMUM DEPTH: _____ FT.

SURFACE WATER TEMP. _____ F

Sketch Your Pond

