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Aeration & Fountains

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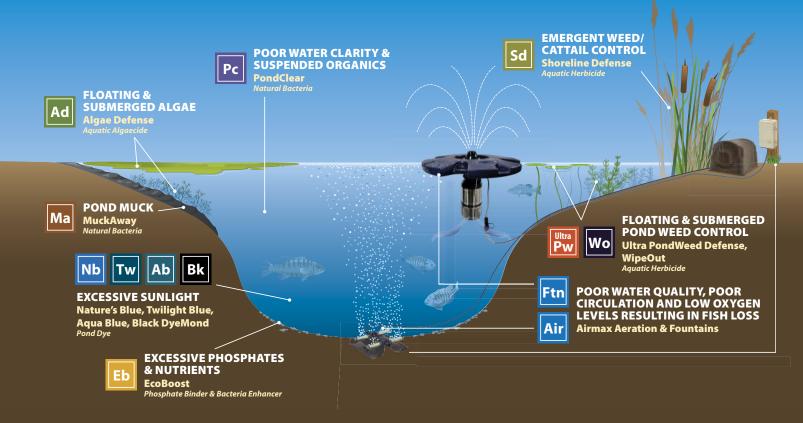


Airmax products are a result of over a decade of research and real world testing. Airmax was developed exclusively for ponds and lakes and has become the most recognized brand among pond and lake owners with a reputation for a natural simplified approach to pond management.

> **Looking for Water Garden Products?** Visit Crystalclearpond.com

The Airmax Ecosystem[™]

Pond & Lake Solutions Guide



PROACTIVE VS. REACTIVE POND MANAGEMENT

Up until the last few years, most pond owners have relied on REACTIVE pond management practices to keep their ponds clear of excessive, unwanted, aquatic growth. They've traditionally waited for the problem to appear then treated it chemically. Although sometimes necessary as a management tool, chemical applications can be bandages for the real problem and can actually contribute to the problem by adding more nutrient rich muck and increasing the overall nutrient load. Since the introduction of the Airmax Ecosystem program, pond owners have been able to convert to, and rely on, PROACTIVE pond management practices. Using aeration, 100% natural bacteria and/ or pond dyes, they've been able to get directly at the SOURCE of their problems; excessive nutrients in the water column and muck at the bottom of the pond. By providing microbial competition for these nutrients, they've successfully maintained healthy, clear ponds.







The World's Best Aerator

- Most Effective
- Quietest
- Most Efficient
- Easiest to Install
- Made in the USA

Improve water clarity and reduce muck in just 90 days!

The Proof is in the Science

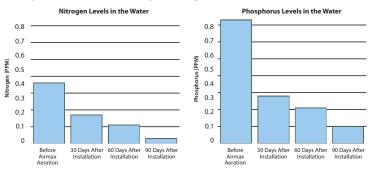
An independent study with Airmax Aeration

The Pond: A ¹/₂ acre, kidney shaped, 10+ year old pond located in the state of North Carolina. The pond had nearly 12" of muck buildup and required monthly chemical treatments to reduce algae blooms.

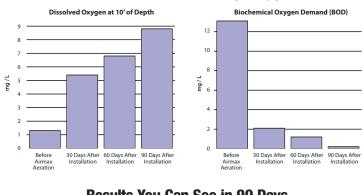
The Plan: Before the Airmax Aeration System was introduced; water samples were taken for phosphorus, nitrogen, biochemical oxygen demand (BOD), dissolved oxygen and water clarity. Phosphorus and nitrogen are contributors to algae growth while dissolved oxygen and BOD help determine the potential for muck and nutrient reducing aerobic bacteria. A PS20 Airmax Aeration System was installed and water samples were taken every 30 days. The results speak for themselves.

The Results in 90 Days: Nitrogen & Phosphorus plummeted 90%. Oxygen became saturated throughout the pond and the water clarity dramatically improved. There was also a major reduction in the amount of algae that needed to be treated. The BOD also decreased substantially while the aerobic bacterial activity increased which was responsible for almost ¼" of muck reduction in only 90 days.

Improved Water Clarity through Nutrient Reduction



Reduced Muck & Healthier Fish through Oxygen Saturation



Results You Can See in 90 Days





Installation



90 Days After Installation

* Independent study by Aeration Technologies of North Carolina.



Aeration Mapping Service The right system for the perfect pond!

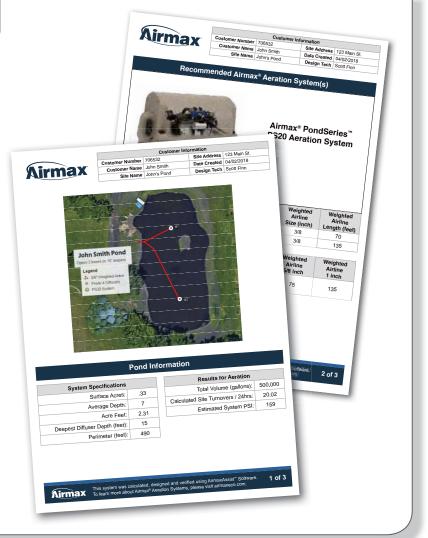
Let Airmax Design the Right System for Your Pond!

Selecting the right system as well as determining the proper placement of the diffusers is vital to ensuring you are circulating and aerating your pond or lake effectively. Having incorrectly placed diffusers or under-sizing an aeration system limits the overall effectiveness of an aeration system. Our Aeration Mapping Service ends the guesswork. Let an Airmax professional layout the perfect system for your pond and we will guarantee the results!

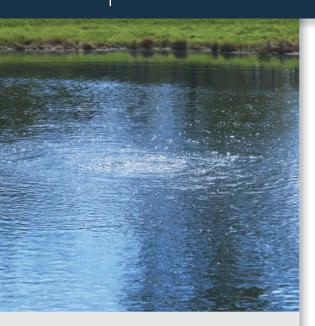
Here is How to Get Your Layout:

Log on to **airmaxeco.com/airmax-assist** and fill out the online form with all of your pond information. Upon receipt, one of our professionals will get to work to map, measure and properly design an Airmax Aeration System. You will then receive an aeration system layout with diffuser locations and complete system specifications branded with your company logo.

Please note: Airmax utilizes satellite maps provided by Google and/or Bing for all mapping requests. We may be limited by photo data if no recent satellite image was taken.

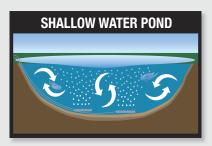


Airmax Aeration - Pond & Lake

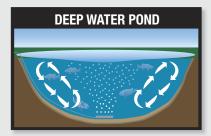


Why pond depth matters

The deeper a diffuser plate is placed in your pond, the more area it can effectively aerate. Shallow ponds, or ponds with irregular shapes & bends, require more diffuser plates per surface acre.



In shallow ponds, the column of diffused air is not able to "open" as far which limits the effective area of each plate. The bends and curves in irregular shaped ponds block the circulation provided by an aeration system which creates the need for more plates to reach isolated sections of your pond.



As diffused air leaves the diffuser plate, it rises to the pond's surface in a V pattern, creating a current. The higher this pattern is able to rise, the wider it becomes which allows it to circulate a greater volume of water.

Shallow Water Series

System Features:

- Perfect for shallow ponds or beach areas up to 10' deep
- Single systems can aerate up to 1/2 acre
- ETL Electrical Safety Certification
- Extremely efficient, costs as little as \$3.48/month to run 24/7
- Available in 115V or 230V*
 Shallow Water HP Series Only.

PondSeries[™]

System Features:

- Perfect for ponds or small lakes up to 21' deep
- Single systems can aerate
 up to 8 acres
- ETL Electrical Safety Certification
- Extremely efficient compressor costs as little as \$9.27/month to run 24/7
- Available in 115V or 230V



Intertek



LakeSeries[™] High Volume

System Features:

- Highest CFM rating per diffuser
- Perfect for larger ponds or lakes up to 50' deep
- Single systems can aerate up to 6+ acres
- Extremely efficient compressor costs as little as \$47.53/month to run 24/7
- ETL Electrical Safety Certification
- Available in 115V or 230V



Airmax® Warranty Information

- Cabinet Lifetime
- Airline & Diffusers 5 Years
- Compressor 2 Years



Intertek

The Airmax[®] Advantage

SilentAir[™] Compressors

Most Efficient & Long Lasting 2-Year Warranty Made in the USA

- A. Large Air Filter Maximizes the life of compressor
- B. High Efficiency SilentAir Compressor
- C. Braided Hose Sleeve Protects internal airlines from wear
- D. Manifold w/ Nickel Plated Ball Valves -Simplifies airflow management
- E. Rubber Compressor Mounts Reduces noise and vibration for silent operation
- F. Airline Quick Disconnects For easy system removal and storage

LR Series Linear Diaphragm



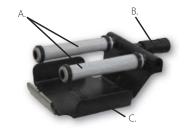
RP Rocking Piston Series



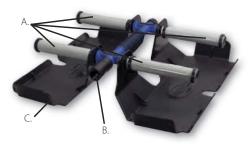
ProAir[™] Weighted Diffusers

Maximum Circulation & Low Maintenance 5-Year Warranty Made in the USA

- A. PTFE Non-Stick 6" Membrane Diffuser Stick -Provides the synergies of air stones while being virtually maintenance-free
- B. Check Valve Prevents back pressure on compressor
- C. Innovative Sled Design Keeps diffuser submerged while maintaining an upright position during installation



ProAir 2 For Shallow Water Ponds Diffuser Size: 14.75"L x 8"W x 3.75"H



ProAir 4 For Ponds And Lakes Diffuser Size: 19"L x 19"W x 5"H

Airmax Composite Cabinet

Quietest Design & Easy to Install Lifetime Warranty On Cabinet 2-Year Warranty On Electrical Components

- A. Composite Cabinet w/ Removable Top -Protects components while providing easy access
- B. Ventilation Fan w/ Rain Shroud Cools and protects against moisture and heat damage
- C. Pre-wired Electrical Box Simplifies electrical connections for easy setup



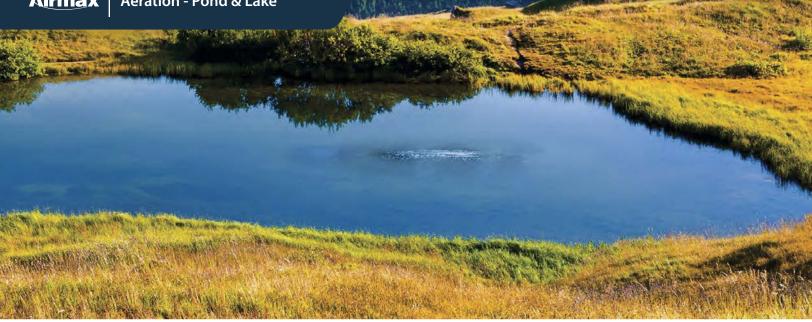
Standard Cabinet Cabinet Size: 23"L x 17"W x 15"H

- D. Elevated Base Protects against damaging flood water
- E. High Density Air Intake Filter Protects the compressor from outside contaminants



Large Cabinet Cabinet Size: 27"L x 24"W x 18.75"H





Shallow Water Series[™] Max Depth 6'





SW20 • Aerates Ponds up to 1/4 Acre, 6' Deep

SW20 System Specs:

| Running Amps | 0.6 |
|-----------------|---------------|
| Volts | 115 |
| Max CFM | 2.5 |
| Max Depth | 6′ |
| Op. Cost / Mo.* | \$3.48 (24/7) |

#600801 - SW20, w/o Airline, Use 5/8" Airline Only **#600803** - SW20, 200' 3/8" EasySet Weighted Airline

SW20 Includes:

- (2) ProAir 2 Weighted Diffusers
- Standard Airmax Composite Cabinet
- High Efficiency LR25 SilentAir Linear Diaphragm Compressor





SW40 • Aerates Ponds up to 1/2 Acre, 6' Deep

SW40 System Specs:

| Running Amps | 1.1 |
|-----------------|---------------|
| Volts | |
| Max CFM | |
| Max Depth | 6′ |
| Op. Cost / Mo.* | \$6.38 (24/7) |

#600811 - SW40, w/o Airline, Use 5/8" Airline Only **#600813** - SW40, 400' 3/8" EasySet Weighted Airline

SW40 Includes:

- (4) ProAir 2 Weighted Diffusers
- Standard Airmax Composite Cabinet
- High Efficiency LR50 SilentAir Linear Diaphragm Compressor

You Tube)



*Cost per month is calculated at 7¢ per kilowatt hour. Cost will vary depending on location.

Watch Our Product Videos at airmaxeco.com | Check us out on:

Airmax[®] Aeration is easy to install

Airmax systems can be installed at the pond's edge or up to ¼ mile away from your pond.

You Have Options with Airmax

Airmax Aeration Systems are the easiest and most versatile systems to install on the market. Airmax Aeration Systems can be installed next to the pond's edge or as far as ¼ mile away! No power is needed at shore! Airmax utilizes their EasySet Direct Burial Airline to deliver oxygen to your pond without the added expense of hiring an electrician.

Shallow Water HP Series[™] High Pressure, Max Depth 10'





SW20HP • Aerates Ponds up to 1/4 Acre, 10' Deep

SW20HP System Specs:

| Running Amps | 1.6 or 0.8 |
|-----------------|------------|
| Volts | 115 or 230 |
| Max CFM | 2.3 |
| Max Depth | |
| Op. Cost / Mo.* | |

#600804 - SW20HP, w/o Airline, Use 5/8" Airline Only, 115V **#600805** - SW20HP, w/o Airline, Use 5/8" Airline Only, 230V

SW20HP Includes:

- (2) ProAir 2 Weighted Diffusers
- Standard Airmax Composite Cabinet
- RP25 1/4 HP SilentAir Rocking Piston Compressor





SW40HP • Aerates Ponds up to 1/2 Acre, 10' Deep

SW40HP System Specs:

| Running Amps | 4.1 or 2.1 |
|--------------|----------------|
| Volts | 115 or 230 |
| Max CFM | 4.7 |
| Max Depth | |
| Op.Cost/Mo.* | \$23.76 (24/7) |

#600814 - SW40HP, w/o Airline, Use 5/8" Airline Only, 115V #600815 - SW40HP, w/o Airline, Use 5/8" Airline Only, 230V

SW40HP Includes:

- (4) ProAir 2 Weighted Diffusers
- Standard Airmax Composite Cabinet
- RP50 1/2 HP SilentAir Rocking Piston Compressor



*Cost per month is calculated at 7¢ per kilowatt hour. Cost will vary depending on location.



PondSeries[™] Systems For Ponds Up To 8 Acres



PS10 • Aerates Ponds up to 1 Acre

PS10 System Specs:

#600821 - PS10, w/o Airline, Use 5/8" Airline Only, 115V
#600822 - PS10, 100' 3/8" Airline, 115V
#600824 - PS10, w/o Airline, Use 5/8" Airline Only, 230V
#600825 - PS10, 100' 3/8" Airline, 230V

PS10 Includes:

- (1) ProAir 4 Weighted Diffuser
- Standard Airmax Composite Cabinet
- RP25 1/4 HP SilentAir Rocking Piston Compressor

Provides Aeration For:

| Up to 1/4 Acre | |
|----------------------------------|--|
| Up to 1/2 Acre | |
| Up to 1 Acre 12'-21' deep | |



PS20 • Aerates Ponds up to 2 Acres

PS20 System Specs:

| Running Amps4.1 or 2.1 |
|--|
| Volts 115 or 230 |
| Max CFM |
| Max Depth21'** |
| Op. Cost / Mo.*\$23.76 (24/7) |
| #600831 - PS20, w/o Airline, Use 5/8" Airline |
| Only, 115V |
| #600832 - PS20, 200' 3/8" Airline, 115V |
| #600834 - PS20, w/o Airline, Use 5/8" Airline |
| Only, 230V |
| #600835 - PS20, 200' 3/8" Airline, 230V |
| PS20 Includes: |

- (2) ProAir 4 Weighted Diffusers
- Standard Airmax Composite Cabinet
- RP50 1/2 HP SilentAir Rocking Piston Compressor

Provides Aeration For:

Up to 1/2 Acre 6'- 9' deep Up to 1 Acre9'-12' deep Up to 2 Acres12'-21' deep



PS30 • Aerates Ponds up to 3 Acres

PS30 System Specs:

| Running Amps | 4.1 or 2.1 |
|---|-----------------|
| Volts | 115 or 230 |
| Max CFM | |
| Max Depth | 21'** |
| Op. Cost / Mo.* | \$23.76 (24/7) |
| # 600841 - PS30, w/o Airline, Use 5/8″ Airline Only, 115V | |
| #600842 - PS30, 300' 3/8" Weight | ed Airling 115V |

| #600842 - PS30, 300° 3/8° Weighted Airline, 115V | |
|---|--|
| #600845 - PS30, w/o Airline, Use 5/8" Airline | |
| Only, 230V | |
| #600846 - PS30, 300' 3/8" Weighted Airline, 230V | |

PS30 Includes:

- (3) ProAir 4 Weighted Diffusers
- Standard Airmax Composite Cabinet
- RP50 1/2 HP SilentAir Rocking
 - Piston Compressor

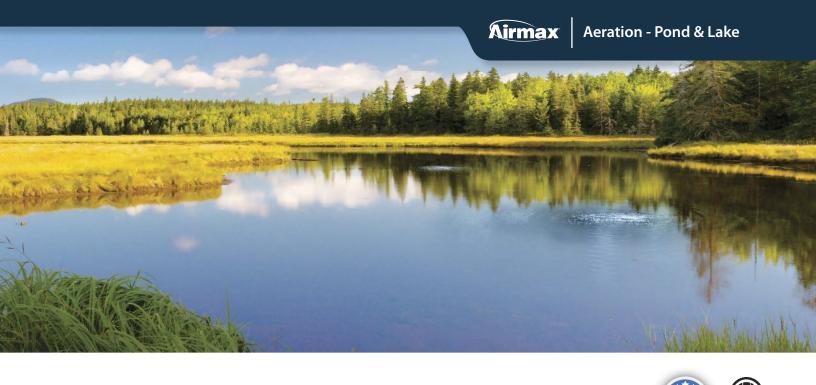
Provides Aeration For:

Up to 1 1/2 Acres ... 6'- 9' deep Up to 2 Acres9'-12' deep Up to 3 Acres12'-21' deep



* Cost per month is calculated at 7c per kilowatt hour. Cost will vary depending on location. ** For operation greater than 21' deep, use Deep Water Kit, pg 13.

Watch Our Product Videos at airmaxeco.com | Check us out on: 🗗 🈏 You 🗰



PondSeries[™] Systems For Ponds Up To 8 Acres



PS40 • Aerates Ponds up to 4 Acres

PS40 System Specs:

| Running Amps | 5.3 or 2.7 |
|-----------------|----------------|
| Volts | 115 or 230 |
| Max CFM | 5.8 |
| Max Depth | |
| Op. Cost / Mo.* | \$30.72 (24/7) |

#600851 - PS40, w/o Airline, Use 5/8" Airline Only, 115V **#600855** - PS40, 400' 3/8" Weighted Airline, 115V **#600857** - PS40, w/o Airline, Use 5/8" Airline Only, 230V **#600858** - PS40, 400' 3/8" Weighted Airline, 230V

PS40 Includes:

- (4) ProAir 4 Weighted Diffusers
- Standard Airmax Composite Cabinet
- RP75 3/4 HP SilentAir Rocking Piston Compressor

Provides Aeration For:

Up to 2 Acres 6'- 9' deep Up to 3 Acres 9'-12' deep Up to 4 Acres 12'-21' deep





PS80 • Aerates Ponds up to 8 Acres

PS80 System Specs:

| Running Amps | 10.6 or 5.3 |
|-----------------|----------------|
| Volts | 115 or 230 |
| Max CFM | 11.6 |
| Max Depth | 21'** |
| Op. Cost / Mo.* | \$61.44 (24/7) |

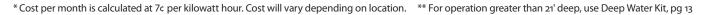
#600948 - PS80, w/o Airline, Use 5/8" Airline Only, 115V #600949 - PS80, w/o Airline, Use 5/8" Airline Only, 230V

PS80 Includes:

- (8) ProAir 4 Weighted Diffusers
- Large Airmax Composite Cabinet
- (2) RP75 3/4 HP SilentAir Rocking Piston Compressor

Provides Aeration For:

| Up to 4 Acres6'-9' | deep |
|-----------------------|------|
| Up to 6 Acres 9'-12' | deep |
| Up to 8 Acres 12'-21' | deep |





LakeSeries[™] Systems For Ponds Up to 6+ Acres



LS40 • Aerates Ponds up to 5 Acres

LS40 System Specs:

| Max/Running Amps | 8.2 or 4.1 |
|------------------|----------------|
| Volts | 115 or 230 |
| Max CFM | |
| Max Depth | |
| Op. Cost / Mo.* | \$47.53 (24/7) |

#600931 - LS40, No Airline, 115V **#600933** - LS40, No Airline, 230V

LS40 Includes:

- (4) ProAir 4 Weighted Diffusers
- Large Airmax Composite Cabinet w/ Junction Box
- Two RP50 1/2 HP SilentAir Rocking Piston Compressors
- Airline Sold Separately Set Up for 5/8" Airline Only

Provides Aeration For:

| Up to 2 1/2 Acres | 6′-9′ deep |
|-------------------|----------------|
| Up to 3 1/2 Acres | 9′-12′ deep |
| Up to 5 Acres | . 12′-50′ deep |



LS60 • Aerates Ponds up to 6 Acres

LS60 System Specs:

| Max/Running Amps | 10.6 or 5.3 |
|------------------|----------------|
| Volts | 115 or 230 |
| Max CFM | |
| Max Depth | |
| Op. Cost / Mo.* | \$61.44 (24/7) |
| | |

#600941 - LS60, No Airline, 115V **#600943** - LS60, No Airline, 230V

LS60 Includes

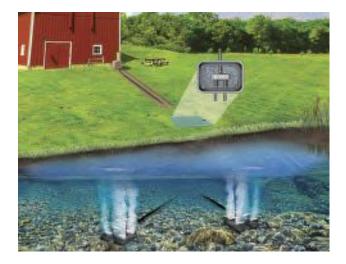
- (6) ProAir 4 Weighted Diffusers
- Large Airmax Composite Cabinet w/ Junction Box
- Two RP75 3/4 HP SilentAir Rocking Piston Compressors
- Airline Sold Separately Set Up for 5/8" Airline Only

Provides Aeration For:

| Up to 3 Acres | 6′-9′ deep |
|---------------|----------------|
| Up to 4 Acres | 9′-12′ deep |
| Up to 6 Acres | . 12′-50′ deep |

*Cost per month is calculated at 7¢ per kilowatt hour. Cost will vary depending on location.

System Accessories



Remote Manifold Kit

Designed for aeration installations where the power source is away from the pond's edge, the Remote Manifold Kit allows for a single run of direct burial airline from the power source to the pond. This gives you the ability to make airflow adjustments pond side so you can remain in view of the diffusers. All kits include a junction valve box, remote manifold and necessary fittings to connect either 1" poly or PVC pipe.

| #600192 – 2-Port SW20, SW20HP, |
|---------------------------------------|
| & PS20 Systems |
| #600190 – 3-Port PS30 Systems |
| #600194 – 4-Port SW40, SW40HP, |
| & PS40 Systems |
| #600193 – 4-Port LS40 Systems |
| #600191 – 6-Port LS60 Systems |
| #600247 – 8-Port PS80 Systems |



PondSeries Deep Water Kit

The Airmax Deep Water Kit is specifically designed for PondSeries Aeration Systems to allow for operation in water depths greater than 21' deep. With the heavy-duty cam lock connections of the Deep Water Kit, PondSeries Aeration Systems can operate in water depths up to 50'. Kit is setup for 5/8" weighted or 5/8" direct burial airline.

#510435 – PS10 **#510436** – PS20 **#510437** – PS30 **#510438** – PS40 **#510439** – PS80





Cabinet Post Mount Kit

Use the Cabinet Post Mount Kit for installations that require the aeration cabinet to be elevated. Constructed of powdered coated aluminum, the mount kit includes mounting bracket and hardware to secure aeration cabinet to both round or square wooden posts, 4" diameter or larger.

#652121 – Standard Cabinet Post Mount Kit **#652122** – Large Cabinet Post Mount Kit

Airmax Under Cabinet Junction Box

Use with any Airmax Aeration System for easy removal or access to line connections underneath the cabinet. The Airmax Under

Cabinet Junction Box comes standard with all Airmax LakeSeries Aeration Systems. Measures: 12" W x 17" L x 6" H.



#490369 – Junction/Valve Box

Existing Airmax Composite Cabinet

Junction/Valve Box

Shallow Water Series Replacement Parts



Cabinets & Compressors

1. LR Series SilentAir Compressor

#120912 – LR25 Linear Diaphragm Compressor
 #120913 – LR50 Linear Diaphragm Compressor
 Please note: Replacement LR Series compressors have a 2 year warranty.

Maintenance Kits*

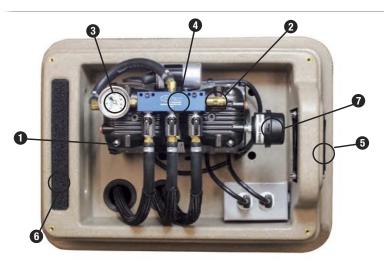
#510147 – LR25 Maintenance Kit **#510148** – LR50 Maintenance Kit

2. Airflow Manifold Assembly

#600177 – SW20 Airflow Manifold Assembly **#600178** – SW40 Airflow Manifold Assembly

3. Cooling Fan #**510345** – Cooling Fan Kit 5. Air Filter #510158 – LR25 Air Filter, 2 Pack #510159 – LR50 Air Filter, 2 Pack

4. Cabinet Filter #510395 – Air Intake Pre-Filter



Shallow Water HP Series, PondSeries & LakeSeries Replacement Parts

1. RP Series SilentAir Rocking Piston Compressor

#510503 – RP25 (87R), 115V **#510504** – RP25 (87R), 230V **#510501** – RP50 (87R), 115V **#510505** – RP50 (87R), 230V **#510502** – RP75 (72R), 115V **#510506** – RP75 (72R), 230V Please note: Replacement RP Series compressors have a 1 year warranty.

Maintenance Kits*

#510108 – RP25 (74R) 1/4 HP #510510 – RP25 (87R) 1/4 HP #510111 – RP33 (82R) 1/3 HP #510115 – RP50 (72R) 1/2 HP #510511 – RP50 (87R) 1/2 HP #510512 – RP75 (72R) 3/4 HP 2. Pressure Relief Valve #490239 – Pressure Relief Valve

3. Pressure Gauge #490272 – Pressure Gauge

4. Airflow Manifold Assembly

| #600244 – SW20HP | #600241 – PS40 |
|------------------------|------------------------|
| #600236 – SW40HP | # 600246 – PS80 |
| #600186 – PS10 | #600237 – LS40 |
| # 600242 – PS20 | # 600239 – LS60 |
| # 600243 – PS30 | |

5. Cooling Fan Kit

#510345 – SW20, SW40, SW20HP, SW40HP, PS10-PS40, 115V **#510344** – SW20HP, SW40HP, PS10-PS40, 230V **#510452** – PS80, LS40, LS60, 115V **#510453** – PS80, LS40, LS60, 230V

6. Cabinet Filter

#510395 – Air Intake Pre-Filter, Standard Cabinet **#510417** – Air Intake Pre-Filter, Large Cabinet

7. Air Filter #510150 – Air Filter, Complete #510151 – Air Filter Element Only



*Note: For best results, Airmax recommends preventative maintenance every 6-12 months on all LR Series compressors and every 12-18 months on all RP Series compressors. Visit **airmaxeco.com** to view compressor maintenance videos.

ProAir[™] Diffusers



ProAir 2 Replacement Parts

- 1. #510168 Complete 6" Membrane Stick
- 2. #490340 Check Valve
- 3. #490333 Diffuser Sled w/Stainless Plate
- 4. #610008 PTFE 6" Membrane Sleeve Only
- 5. #610004 Membrane Retainer Ring
- * #490229 Marine Stainless Hose Clamp
- * #490227 ⁵/₈" to ³/₄" Insert Reducer Adapter
- * #490225 ¾" to ¾" Insert Reducer Adapter #490354 – Complete ProAir 2 Diffuser

*Not shown in Diagram



EasySet™ Airline & Accessories

5/8"Weighted



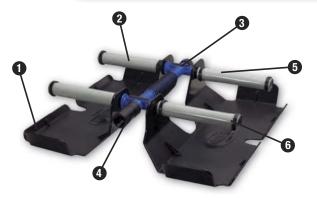
#490309 – O-Ring for Airline Caps, Shallow Water, Pond Series

Security Kit

Cabinet Security Stake Kit includes: (1) 24" unistrut, (1) 2' cable, (1) brass security lock.

#510430 – Cabinet Security Stake Kit





ProAir 4 Replacement Parts

- 1. #490337 Single Side Diffuser Sled
- 2. #510168 Complete 6" Membrane Stick
- 3. #490374 Diffuser Manifold Handle Assembly
- 4. #490340 Check Valve
- 5. #610008 PTFE 6" Membrane Sleeve Only
- 6. #610004 Membrane Retainer Ring
- * #490229 Marine Stainless Hose Clamp
- * #490227 5%" to 34" Insert Reducer Adapter
- * #490225 ¾" to ¾" Insert Reducer Adapter #510166 – Complete ProAir 4 Diffuser *Not shown in Diagram



D-SCALE™ Formerly Fountain and Aeration Cleaner







D-SCALE is a powerful, fast-acting, foaming cleaner that deep cleans and removes limescale, calcium, rust stains and other mineral deposits without scrubbing. This cleaner is 100% biodegradable. Perfect for use on aeration equipment, fountains, spray boats and water pumps.

#530298 – D-SCALE w/ Foaming Tip, 32 oz **#530299** – D-SCALE, 1 Gal.

ATTEX

EcoSeries[™] Fountain

- Energy Efficient
- Industry Leading Spray Patterns
- Maintenance Free Motor Design
- Easy to Install & Maintain



The EcoSeries Difference

See why an EcoSeries Fountain is the right choice for your pond or lake at **airmaxeco.com/compare**

Airmax[®] EcoSeries[™] ½ HP Fountain



EcoSeries Fountain Features:

- 1/2 HP Fountain Pump Operates in as Little as 24" of Water
- Asynchronous Motor, Silicon Carbide (SiC) Shaft Bearing & Ceramic Shaft.
- Stainless Steel Body & Suction Screen
- Stainless Steel Wrapped Motor Lead

EcoSeries Fountain Kit Includes:

- 3 Spray Patterns: Classic, Trumpet, Crown & Trumpet
- Energy Efficient, Fully Sealed, UL Approved Motor 5.8 Amps, 660 Watts @ 120 Volt
- Standard Control Panel with Timer, GFCI & Photocell for Optional Light Set
- Power Cord with Strain Relief
- Underwater Quick Disconnect

EcoSeries Fountain Kits

| #652800 - Fountain w/100' Cord |
|--------------------------------|
| #652801 - Fountain w/150' Cord |
| #652802 - Fountain w/200' Cord |
| #652803 - Fountain w/250' Cord |
| #652804 - Fountain w/300' Cord |
| #652806 - Fountain w/350' Cord |
| #652807 - Fountain w/400' Cord |

Also Available with:

Stainless Steel or Polyflex Protected Cords

Standard Control Panel w/Timer & Photocell Power Cord w/Strain Relief

Accessories

Airmax[®] NEMA 3R Control Panel

This lockable, rain tight, NEMA 3R rated Control Panel includes two separate individual 24 hour digital timers and GFCI's for both fountain and lights. The enclosure measures 12" x 12" x 6" and is constructed of powder coated carbon steel for superior corrosion resistance. Need more power? Purchase

115 volt, 8 amp, auxiliary terminal block to run an aeration system or other pond equipment.

#652105 - Control Panel #652106 - Control Panel w/Aux Power





Keeps debris out the of motor without decreasing flow

Airmax[®] EcoSeries[™] Included Spray Patterns



Spray Pattern: Crown & Trumpet

The Airmax Crown & Trumpet pattern combines an arch and trumpet pattern creating a majestic display.

Pattern Dimensions: Trumpet: **8'h** Crown: **4' x 32'w**

Item: #651703



See Spray Patterns in action at airmaxeco.com/ecoseries



Spray Pattern: Trumpet

The Trumpet pattern provides a bountiful tall burst of water giving you the tranquil sound of water.

Spray Pattern: **Classic**

The Classic pattern comes pre-installed on the Airmax EcoSeries Fountain. This beautiful full pattern provides relaxing sounds as the water breaks the surface.

Pattern Dimensions: 14'h x 7'w

ltem: **#651708**

Pattern Dimensions: 6'h x 16'w

Item: #651164

Optional EcoSeries™ Premium Spray Patterns







Spray Pattern: **Double Arch & Geyser**

EcoSeries Fountain

Airmax

Combines the overlapping double arch with a gushing center geyser to create an awe-inspiring display.

Pattern Dimensions: Geyser: **9'h** 1st Tier: **7'h x 12'w** 2nd Tier: **5'h x 34'w** Item: **#651447**

Spray Pattern: **Single Arch**

The Single Arch pattern has heavy streams providing a formal visual display and soothing ambiance.

Pattern Dimensions: 8'h x 16'w Item: #651446

Spray Pattern: **Double Arch**

The Double Arch pattern provides two overlapping arch patterns to create a stunning visual presentation. A perfect fit for larger ponds.

Pattern Dimensions: 1st Tier: **10'h x 16'w** 2nd Tier: **5'h x 38'w**

Item: **#651445**

LED Fountain Light Sets

- Low Energy, High Output LED Bulbs
- Fully Adjustable, No Tools Required Snap-on Design
- Above Waterline Design for Maximum Light Output and Low Maintenance



See Nighttime Displays in Action

See how EcoSeries Fountain LED Light Sets look illuminated at night, visit **airmaxeco.com/ecoseries**

Optional LED Fountain Light Sets

RGBW Color-Changing Lights RF Remote with 200' Range







- LED Fountain Light Sets Include:
- Energy Efficient High Output LED, 120 Volt
- Completely Sealed, Adjustable Above Waterline Design for Low Maintenance.
- All Light Sets Include Stainless Steel Braiding on Power Lead and Between Light Fixtures.
- Power Cords Come Standard with Strain Relief and Underwater Disconnect; 100', 150', 200', 250', 300', 350', 400', 450', 500', 550', & 600' Lengths. Also Available with Stainless Steel and Polyflex Protected Cords.
- Available in 2, 4 & 8 LED Light Sets.
- RF Remote with 200' Range is Included with All RGBW Color-Changing Light Sets
- 3-Year Warranty





Completely Sealed Fixture with Easy Snap-on Design

Features: All Light Sets Include Stainless Steel Braiding on Power Lead and Between Light Fixtures

Airmax

Pond & Lake Water Treatments

Airmax | Water Clarifiers

ClearPA

ondClea

Pc

Ad

-1KB-5-1 1 8 9 0

Complete Do-It-Yourself Pond Care System

ClearPAC® PLUS - DIY Kit

The Complete Pond Care Program[™]

ClearPAC PLUS ends the guesswork of pond management by combining essential pond maintenance products into one complete pond care package. ClearPAC PLUS allows pond owners to eliminate algae, improve water quality, reduce pond muck, promote fish health and maintain crystal clear water in a few simple steps.

ClearPAC PLUS Includes:

- Treats ¹/₄ Acre Pond for up to 6 Months or ¹/₂ Acre Pond for up to 3 Months.
- 1 Gallon of Algae Defense
- 24 Packets of PondClear
- 16 Scoops of EcoBoost
- 1 Quart of Nature's Blue Pond Dye
- 8 Scoops of MuckAway

#700110 - ClearPAC PLUS #700117 - ClearPAC PLUS without Algae Defense



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- Combined Forces of Pond Dye & PondClear Liquid Natural Bacteria
- One Gallon Treats up to 1 Acre, 4-6' Deep
- Available in 2 Colors
- Safe for All Aquatic & Domestic Life

Pond Dye PLUS combines two superior products, Pond Dye and PondClear Natural Bacteria. Giving a pond a boost of natural bacteria every time pond dye is added will improve water clarity by breaking down suspended organics and nutrients. Available in 2 colors: Provide a true blue color with Nature's Blue or create a deep blue appearance with Twilight Blue. Easy to use and no mixing required. Apply every 4-8 weeks or as needed.

#570107 • Nature's Blue PLUS, 1 gal. #570110 • Twilight Blue PLUS, 1 gal.



- Easy to Use, Convenient Water Soluble Packets.
- Two Packets Treats up to 1 Acre, 4-6' Deep
- Available in 2 Colors
- Safe for All Aquatic & Domestic Life

Shade your pond with these easy to use water soluble packets. Simply toss one packet in the pond to treat a 1/2 acre of water, 4-6' deep. Available in 2 colors: Provide a true blue color with Nature's Blue or create beautiful reflections with Black DyeMond. Apply every 4-8 weeks or as needed.

#530356 • Nature's Blue, 2 pkts **#530357** • Nature's Blue, 4 pkts #530359 · Black DyeMond, 2 pkts #530360 · Black DyeMond, 4 pkts

lature's Blue





gua Blu

You Tube)

- Regular Strength Gallon Treats up to 1 Acre, 4-6' Deep
- Gallons Available in 3 colors

Γw

Safe for All Aquatic & Domestic Life

Protect and shade ponds with pond dye. Provide a true blue color with Nature's Blue, provide a deep blue color with Twilight Blue or create an aqua blue appearance with Aqua Blue. Easy to use and no mixing required. Apply every 4-8 weeks or as needed.

AG

#530173 • Nature's Blue, 1 gal. #530200 · Twilight Blue, 1 gal. #250202 • Aqua Blue, 1 gal.







Airmax



Keeps Ponds Clean & Clear All Season

- Removes Excess Nutrients & Noxious Odors
- Safe for All Aquatic & Domestic Life
- Easy to Use Water Soluble Packets

Keep your pond crystal clear all season long with PondClear Natural Bacteria. PondClear removes excess nutrients and suspended organic waste to improve overall water clarity. Available in a liquid and water soluble packets. 100% natural and safe for all aquatic and domestic life. Use ½ gallon or 2 packets for areas up to ¼ surface acre every 2 weeks when water temperatures are above 50°F.

| #570106 | PondClear 1 gal | Treats ¼ Acre Pond for up to 1 M | Ionth |
|-----------|------------------|----------------------------------|-------|
| #370100 . | FundClear, I gai | meals 74 Acre Fond for up to Th | nonun |

| #570098 • PondClear, 3 lbs, 12 packets | - Treats ¼ Acre Pond for up to 3 Months |
|---|---|
| #570100 · PondClear, 6 lbs, 24 packets | - Treats ¼ Acre Pond for up to 6 Months |
| #570116 • PondClear, 24 lbs, 96 packets | s - Treats 1 Acre Pond for up to 6 Months |



Airma

"I manage a 4 acre retention pond for a small HOA and tried this to help keep the water from looking brown all the time. After a few weeks of use, I could see the water was clearer!" - Jack, St. Charles, IL



- Increases Natural Bacterial Activity & Growth, Improving Water Clarity
- Binds Phosphates & Provides Over 80 Trace Minerals to Promote Fish Health
- Perfect for Use With PondClear & MuckAway
- Safe for All Aquatic & Domestic Life

EcoBoost is a natural bacteria booster designed to increase natural bacterial activity and bind phosphates to improve water quality. This is perfect for ponds that receive excess nutrients from lawn fertilizers, storm drains or ponds that have a muck problem. Apply by stirring powder into a bucket of pond water and evenly distributing around the pond. Use 2 scoops for every ¼ acre and use with PondClear or MuckAway for best results. 100% natural and safe for all aquatic and domestic life.

#570101 • EcoBoost, 8 lbs, 16 Scoops - Treats ¼ Acre Pond for up to 4 Months **#570132** • EcoBoost, 24 lbs, 48 Scoops - Treats ¼ Acre Pond for up to 12 Months



Airmax | Pond Cleaners

Get Results with MuckAway[™]

Fox Lake Case Study

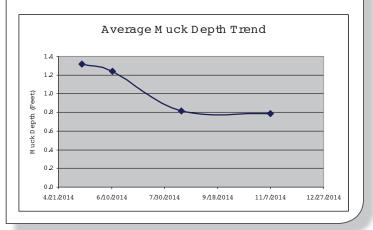
Over 6" of Muck Reduction in Less than 6 Months

Lake: Fox Lake is a shallow 9 acre lake characterized by heavy muck, prolific plant growth and stagnant, eutrophic water.

Action Taken: MuckAway TL was applied throughout the summer and muck levels were measured multiple times throughout the summer using a Sludge Judge[™] and a grid sampling system.

Results: Muck Levels showed a decreasing trend resulting in a final average muck reduction of 6.35 inches!

Full Study: To see the complete Fox Lake study, please visit www.airmaxeco.com/foxlake



Before & After with MuckAway Real Results from Real Customers

Sanford, Michigan: A distributor in Sanford, MI treated a beachfront with MuckAway every two weeks from April through September. During the fall, the village of Sanford performed a draw down of the lake to carry out maintenance on the dam. The area that was untreated shows a buildup of muck while the adjacent treated area shows the natural sand bottom.







- Reduces up to 2" of Muck Per Month
- Perfect for Ponds, Beaches & Shorelines
- Precision Pellets Consume Muck More Effectively Than Using Powder or Liquids
- Safe for All Aquatic & Domestic Life

MuckAway natural bacteria are precision release pellets that sink to the bottom of the pond to digest and convert muck into an odorless gas. MuckAway is perfect for spot treating troublesome areas such as beaches or shorelines. Use one scoop for every 1,000 square feet of shoreline every 2 weeks when water temperatures are above 50°F. MuckAway is 100% natural and safe for all aquatic and domestic life.

| #570108 • MuckAway, 4 lbs, 8 scoops - | Treats 75' Shoreline for up to 3 Months |
|--|--|
| #570109 • MuckAway, 8 lbs, 16 scoops - | Treats 150' Shoreline for up to 3 Months |
| #570124 • MuckAway, 24 lbs, 48 scoops - | Treats 450' Shoreline for up to 3 Months |



5 Star Review: 🗡 🗡 🗡 🗡

"After only a few treatments, there has been a noticeable reduction of muck in our swimming area. Some spots that had several inches of muck are now sandy, it's great. I would definitely recommended MuckAway." - Charley, Vicksburg, MI



- Reduces up to 2" of Muck Per Month
- Perfect for Total Pond or Lake Applications
- Concentrated Precision Pellets Consume Muck Faster
- Safe for All Aquatic & Domestic Life

MuckAway TL is a concentrated MuckAway formula designed for total pond and lake applications. These precision pellets are so effective they can reduce 1-2" of muck per month when dosed correctly. 12 lbs of MuckAway TL will treat one surface acre regardless of water depth for one month. 100% natural and safe for all aquatic and domestic life. Best used when water temperatures are above 50°F.

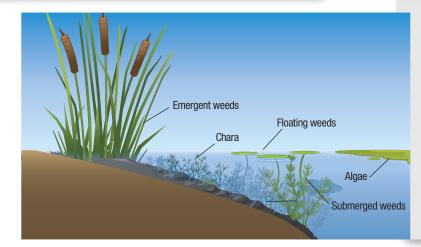
#570113 • MuckAway TL, 36 lbs - Treats 3 Acres for 1 Month



5 Star Review: 🗡 🗡 🗡 🗡

"My pond is shallow so a total treatment is necessary to keep muck accumulations down. I have seen a great improvement in just 2 months of use!"

- Henry, Ambrose, GA



Identify Your Target

Successful weed control starts with proper identification.

The more mature your pond, the more you have to deal with weeds. They're not only annoying, but they can choke the life out of your delicate ecosystem if action is not taken. You can't treat what you don't know! Identifying those mystery plants is the first step to being successful.

Two questions to weed out:

1. What's the size of treatment area? Are you battling five acres or a small swim area? It not only affects the amount needed, but which product works best.

2. How is the area used? Swimming? Livestock? Irrigation? Or just a pretty view? Some products have limited or no water use restrictions following treatment.

Emergent Weeds Majority of plant is emerged out of the water. Emergent weeds are rooted plants that grow along the shoreline and stand above the surface or in shallow areas. A defining characteristic of emergent weeds is the stem, which is most often stiff or firm.

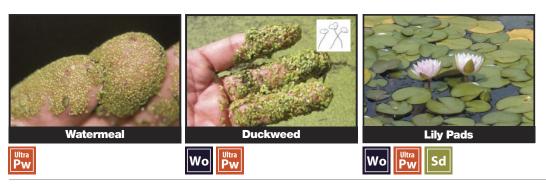


Floating Weeds They Love Shallow Water

Perimeter Nuisances

With Submerged Roots

Generally found in shallower water, the stem & root system of a "floater" may start at the pond's bottom, although not always. Foliage will be seen floating on the water's surface. If left untreated, they can completely cover the surface cutting off light and oxygen to the fish below.



Submerged Weeds Deep Roots Make For Tough Kill

This "iceberg" of weeds is mostly submerged underwater. One discerning characteristic is their soft stem, which is why they don't usually rise above the water's surface.



Treatment options

Your lines of defense. Still need help? Call us at: 866-424-7629



Algae/Chara Musky Odor, Mats On Pond Surface

Algae is a common nuisance with no defined root system. It often floats on the pond's surface in mats, although it may emerge at the pond's bottom before floating to the surface. Chara looks like a submerged weed, but can be differentiated by its musky smell.



Ad





STEP 1: Treat Unwanted Growth with Shoreline Defense

STEP 2: Cut, Rake & Remove Growth

Algae & Weed Control







Broad Spectrum Emergent Weed Control - Systemic Herbicide

Airmax

- Kills the Roots of Even the Most Persistent Weeds
- · Works Great on Cattails, Phragmites, Lilies, Purple Loosestrife & Other Emergent Weeds
- Perfect for Cleaning up Beaches & Shorelines

When persistent emergent weeds are a problem, Shoreline Defense takes care of it. Shoreline Defense is perfect for nuisance cattails, phragmites or other emergent weeds as it not only kills the foliage, it kills the roots for long-term control. For best results, use with Treatment Booster PLUS.

How to Use: Mix 8 fl oz of Shoreline Defense, 4 fl oz Treatment Booster PLUS, and 2 gallons of water in a tank sprayer to treat up to 2,500 sq. ft. Spray only on foliage above the water's surface on a calm day to keep spray contained to target areas. Completely wet foliage surface for best results. Always read product label before use.

Water Use Restrictions: None

State Shipping Restrictions: Shoreline Defense AK, AZ, CA, CT, DC, HI, MA, ME, NJ, NY, PR, RI, VT, WA, or Canada.

#530157 • Shoreline Defense, 1 qt (32 fl oz) - Treats up to 20,000 sq. ft. **#530167** • Shoreline Defense, 1 gal (128 fl oz) - Treats up to 80,000 sq. ft.

Treatment **Booster**TM **PLUS**

Increases Chemical Effectiveness

Allows Treatment to Penetrate Protective Surface of Aquatic Weeds

Specially formulated to enhance the effectiveness of pond treatments, Treatment Booster PLUS helps adhere the treatment to the target aquatic weed. After adhering to the target, Treatment Booster PLUS works further to allow the treatment to penetrate the aquatic weed's protective surfaces for maximum treatment exposure. Treatment Booster PLUS has also been enhanced to work on underwater weeds and algae by breaking the water's surface tension.

How to Use: Mix 2 fl oz of Treatment Booster PLUS with every gallon of treatment solution (chemical & water mixture).

Water Use Restrictions: None

#530172 • Treatment Booster PLUS, 1 pint (16 fl oz)

#530192 • Treatment Booster PLUS, 1 gal (128 fl oz)





Ad Algae **Defense**® Kills Algae Fast

Works on Both Floating & Submerged Algae



AFTER

Algae Defense is a broad spectrum algaecide that works fast. Algae Defense works as a quick fix to eliminate algae problems. Algae Defense works best when water temperatures reach at least 60°F. Unless steps are taken to reduce the overall nutrients in the pond, multiple applications may be needed for a full season of control. For best results, use with Treatment Booster PLUS.

How to Use: Mix 32 fl oz of Algae Defense, 6 fl oz Treatment Booster PLUS, and 2.5 gallons of water in a tank sprayer to treat up to 2,000 sq. ft. Spray algae directly. Only treat up to half of the pond's surface, waiting 10 to 14 days before treating the second half. In hot weather or when fish are stressed, treat ¼ to ⅓ of the pond at a time. For deeper water place the tank sprayer's tip beneath the water's surface. Always read product label before use.

Water Use Restrictions: None

Fast-Acting

Other Restrictions: Do NOT use in ponds with koi, goldfish or trout unless carbonate hardness (KH) is above 50 ppm.

State Shipping Restrictions: Algae Defense cannot be shipped to AK, CA, CT, DC, HI, ME, NJ, NY, PR, RI, VT, WA or Canada.

#530130 • Algae Defense, 1 gal (128 fl oz) - Treats up to 8,000 sq. ft.

#160124 · Hardness Test, Single Test

Algae**Off**® Peroxide-Based Algae Control

- Works On Contact
- Non-Copper Based Algaecide
- Controls Algae

CrystalClear AlgaeOff utilizes the latest in oxygen technology to remove string algae quickly and efficiently. CrystalClear AlgaeOff is a granular algaecide that works on contact. Control of algae is most easily achieved when algae are not yet well established. For best results treat when algae growth first begins to appear.

How to Use: Spread 1.5 lbs - 2.5lbs per 500 sq. ft. of treatment area. Treat floating or submerged algae mats evenly from the shoreline out. If the majority of your pond is covered, treat half of the algae infestation; wait 10-14 days before treating the second half. Heavy growth may require re-treatment. Not recommended for Chara treatments. Great for use in ponds containing koi and goldfish. Water temperature has no effect on AlgaeOff but higher temperatures enhance effectiveness. Always read product label before use.

Water Use Restrictions: None

State Shipping Restrictions: AlgaeOff cannot be shipped to AK, HI, PR or Canada.

#CC074-2 • AlgaeOff, 2.5 lbs - Treats up to 1,000 sq. ft.

#CC074-10 • AlgaeOff, 10 lb - Treats up to 4,000 sq. ft. **#CC074-25** • AlgaeOff, 25 lb - Treats up to 10,000 sq. ft.



Airmax Algae

Algae & Weed Control



BEFORE





- Controls Persistent Pond Weeds All Season
- Treats Entire Body of Water in a Single Application
- Effective Herbicide for Floating & Submerged Weeds

WipeOut PondWeed Defense is an herbicide for management of aquatic vegetation in fresh water ponds, lakes, reservoirs, potable water sources, drainage canals and irrigation canals. Pond Logic WipeOut PondWeed Defense Aquatic Herbicide contains fluridone, the same active ingredient found in Sonar A.S. and Avast! SC Aquatic Herbicide.

How to Use: Mix 3.8 fluid ounces of Pond Logic WipeOut with water in the included container and apply to the pond in several spots from the shoreline. 3.8 fl. oz. treats a 1/8 surface acre pond with an average depth of 4 ft. Always read product label before use.

Water Use Restrictions: WipeOut PondWeed Defense carries a 30 day irrigation restriction.

State Shipping Restrictions: WipeOut PondWeed Defense cannot be shipped to AK, CA, CT, DC, HI, ME, NJ, NY, PR, VT, WA or Canada.

#530250 • WipeOut PondWeed Defense - 4 fl oz - Treats a 1/8 Surface Acre Pond **#530251** • WipeOut PondWeed Defense - 8 fl oz - Treats a 1/4 Surface Acre Pond



**Avast® SC and Sonar® A.S. are registered trademarks of SePRO Corp. Pond Logic WipeOut PondWeed Defense Aquatic Herbicide is not manufactured or distributed by SePRO Corp., the manufacturer and seller of Sonar A.S. and Avast! SC Aquatic Herbicide.

Ultra PondWeed **Defense**[®] Broad Spectrum Pondweed Control - Contact Herbicide

Works on All Pondweed Including Floating, Submerged & Emerged
Apply to Actively Growing Plants. May Need to be Reapplied Throughout the Growing Season

Ultra PondWeed Defense is a broad spectrum aquatic herbicide that works on all pondweeds including submerged, floating and emergent weeds. Ultra PondWeed Defense may also be used for short-term control of duckweed. For best results, use on actively growing plants. Emergent treatments may require additional applications to gain full control. For best results, use with Treatment Booster PLUS.

How to Use: Mix 16 fl oz of Ultra PondWeed Defense, 4 fl oz Treatment Booster PLUS, and 1.5 gallons of water in a tank sprayer to treat up to 2,500 sq. ft. Spray target directly. Only treat up to half of the pond's surface, waiting 10 to 14 days before treating the second half. In hot weather or when fish are stressed, treat ¼ to ⅓ of the pond at a time. For deeper water place the tank sprayer's tip beneath the water's surface. Always read product label before use.

Water Use Restrictions: 3 days drinking, 1 day livestock/domestic animal consumption, 5 day irrigation.

State Shipping Restrictions: Ultra PondWeed Defense cannot be shipped to AK, AZ, CA, CT, DC, HI, ME, NJ, NY, PR, RI, VT, WA or Canada.

#530144 • Ultra PondWeed Defense, 1 qt (32 fl oz) - Treats up to 5,000 sq. ft. **#530154** • Ultra PondWeed Defense, 1 gal (128 fl oz) - Treats up to 20,000 sq. ft.

