

*We bring it together
- for water in the landscape call us!*



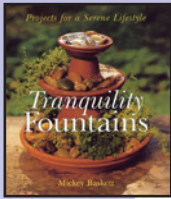
FOURTH GENERATION NURSERY & Sales Company

2016

*W*ater
*I*n
*T*he
*L*andscape



Books are both a great introduction to water gardening and a route to better educate and inspire the existing water gardener. Books also make great gifts.



**Tranquility Fountains:
Projects for a Serene Lifestyle**

Author: Mickey Baskett 128 pages paperback

Recreate that wonderful tranquility of a natural brook or pool by building, in a small space, almost any fountain you can imagine. Add potted plants, fog, candles, light, or scent to create dazzling special effects that engage all the senses. Whether you construct one of the 29 projects here or fashion your own personal creation, your tabletop fountain will float you down a stream of relaxation, far away from the strains of everyday living.



**Water Features for Small Gardens:
Creating Compact Gardens**

Author: Francesca Greenoak 96 pages paperback

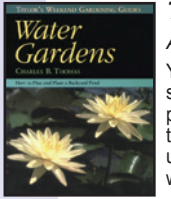
Lush photographs accompany practical information on good design and sound construction. There's guidance on style and siting, and on plants that thrive in the pond, on its edge, and in the surrounding areas. Plus: "Case histories" of actual water gardens and vital advice on aeration, water purification, and pump care.



Water Gardens in a Weekend:

Author: Peter Robinson 176 pages hardcover

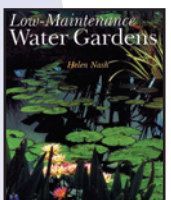
Whether your goal is a handsome cobble fountain or a brimming urn, use this guide for planning, setting up, and creating distinctive variations. Almost none of the projects call for any building skills, and you can make all of them from easy-to-find materials, sometimes as basic as a fountain kit. Install miniature water gardens in tubs; wall fountains; spray and column fountains; and raised and sunken pools.



Taylor's Weekend Guide To Water Gardens

Author: Charles B. Thomas 122 pages paperback

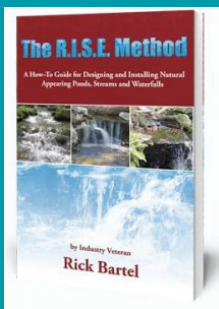
You'll learn how to select the perfect site, choose the size and shape of your garden, and install preformed or flexible-liner pools, as well as how to select pumps and filters, test and treat the water, and choose the right plants and fish for your own unique garden environment. A comprehensive gallery of plants will inspire you to try this.



Low-Maintenance Water Gardens

Author: Helen Nash 128 pages paperback

Tells gardeners how to plan and construct a low-maintenance water garden...provides extensive information on filtration, plant and fish care, and seasonal maintenance. Nash explains how to select the correct site, how to prevent problems concerning tree roots, runoffs, and water tables, how to prevent spilling and flooding, and how to protect water gardens from predators. All 128 pages contain color photographs.



The R.I.S.E. Method is so simple that beginners can easily follow the techniques, yet so advanced that industry veterans will gain valued and beneficial information. This book provides all of the necessary information, focusing specifically on the critical attributes needed to make a water feature appear natural, why these phenomenal techniques work and how to avoid the critical design errors of out-dated techniques.

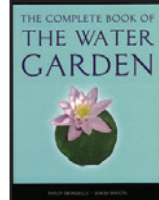
- R: random; having no specific pattern
- I: irregular; having no even occurrences
- S: spontaneous; having no external confinement
- E: erratic; having no fixed course



**Pond Basics:
A Step-by-Step Guide for Water Gardeners**

Author: Peter Robinson 128 pages paperback

Informal ponds, raised pools, small canals, fountains, or streams: it's never been easier to create a water feature that will bring a new dimension into your garden! With modern construction materials, accessories and plants available in increasing variety, water gardening is within everyone's reach. And, this practical introduction shows you how to build just the type to suit your needs, even if you have absolutely no expertise at all.



The Complete Book of the Water Garden

Authors: Philip Swindells and David Mason 208 pages paperback

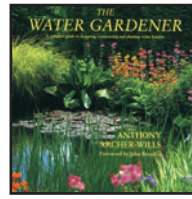
Expertly written and illustrated with beautiful color photos and helpful diagrams, this guide describes both traditional and modern techniques for creating a water garden. From streams, waterfalls, and fountains to self-contained features and bog gardens, every form receives in-depth coverage that is easy to follow. There are suggestions for siting, design, and construction; stocking ponds and pools with fish and flowers; and invaluable advice on plant propagation, care, maintenance, and common problems. This extensive directory of aquatic plants covers such favorites as water lilies, floating plants, and many more.



Beginner's Guide to Water Gardening

Author: Graham Clarke 169 pages paperback

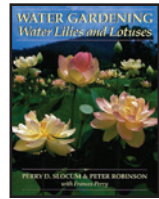
This book covers creating a water feature, furnishing it with plants, fish and wildlife. Also, year round maintenance. It is a practical book for aspiring water gardeners and talks about the basics and fundamentals of water gardening. This book is especially useful to amateurs, it consists information on how to lay the foundation of the garden to the embellishments. Data on electric devices used in the construction of the water garden or to enhance its beauty is also included in this guide. Besides the technicalities of building the pond, this guidebook also provides knowledge on water plants and floating plants.



The Water Gardener

Author: Anthony Archer-Wills 192 pages hardbound

This book explains how to design and construct formal and informal pools and ponds, lakes, streams and bog gardens, leisure pools, splash pools, tubs and spas, fountains, geysers, gushers, cascades and waterfalls. It gives advice on the use of rocks, stones and pebbles and it explains how to incorporate bridges, decking and sunbathing areas as well as how to achieve clear water and maintain a balanced life cycle. An illustrated catalogue of more than 300 plants and a thematic list of another 2000 is included.



Water Gardening, Water Lilies and Lotus

Authors: Perry D. Slocum & Peter Robinson, with Frances Perry 434 pages hardbound

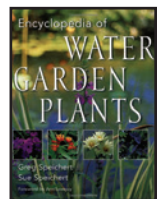
Part One, written by expert Peter Robinson, is based on work originally undertaken by the late Frances Perry and provides specific information on designing and building a water feature. It includes an illustrated encyclopedia of submerged, floating, and marginal plants. Part Two is an encyclopedia of water lilies and lotuses by American specialist, and photographer, Perry Slocum.



**Tabletop Fountains:
40 Easy and Great Looking Projects to Make**

Author: Dawn Cusick 128 pages paperback

The first how-to book on one of the hottest new trends around. Includes a fountain to make for every taste and style. The three sections (20-Minute Fountains, Two-Hour Fountains, and Weekend Fountains) present everything from a simple centerpiece of moss and flowers to an elegant stacked tile fountain. Clear instructions included for each. A craft craze waiting to happen.



Encyclopedia of Water Garden Plants

by Greg Speichert, Sue Speichert 388 pages hardbound

The definitive photographic reference to the full range of plants available to the water gardener. This volume includes hundreds of water garden plants often overlooked in other books, such as marginal plants, floating plants, bog plants, and submerged plants. Of course, waterlilies and lotuses are described in detail as well. The encyclopedia offers complete information on hardiness, culture, propagation, and pests and diseases.

FOURTH GENERATION NURSERY INCORPORATED

"Your One Stop Water Gardening Source"

Office Hours:
Monday – Friday
7:30 am to 4:30 pm

Nursery Hours:
Monday – Friday
8:00 am to 4:30 pm

Saturdays by
appointment only.

Closed on Sundays!

Office & Nursery Address:
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Mendon, MA 01756

PHONE 508.634.1914
FAX 508.634.9030

Order Fax: 508.473.4389

EMAIL staff@FGNSales.com

Terms & Conditions

Terms: Initial purchase will be COD. Our business is growing plants not lending money, but we will extend net 30 terms with an approved credit application. If paying by credit card, payment must be made before order ships.

Delivery: We offer regular, scheduled delivery routes. Truck deliveries that are plants or fish only will be charged for delivery. Please inquire as to how you can qualify for free delivery. Special orders and UPS Shipments will be charged for cost plus handling.

UPS: Orders received by 10 am Monday – Thursday usually ship same day. Potted plants and Fish are not UPS'able.

Pick-Up: We request 24 hour advance notice to ensure adequate service. Some items are stored at our off-site warehouse. Avoid delays and let us know ahead of time what you need.

Returns: The products we sell are warranted by the manufacturer and, as such, credit will only be given for merchandise that meets the individual manufacturer's criteria for returns. We will issue an RMA# for any merchandise that has failed under manufacturer's warranty. Warranty periods vary greatly from item to item ranging from 0 days on a quartz tube to 5 years (if registered) for some pumps so be sure the item is truly under warranty. Credit or replacement will be issued upon the manufacturer's approval. It is your responsibility and expense to ensure that an item reaches us while still under warranty. Please exercise due diligence to ensure that product has in fact failed – gravel, wood chips or fish lodged in an impeller is not a warranted defect! ALL items returned require a dated original sales receipt, written description of the problem, and an RMA#.

Non-defective merchandise may be returned subject to approval and, as such, will require an RMA#. Merchandise must be in its original un-priced and unopened packaging and will be assessed a restocking charge before credit is issued. A 15% restocking charge will apply to merchandise that arrives back here in less than 30 days, and a 30% charge will be applied to items returned between 31-180 days. Those items over 180 days do not receive credit.

We are wholesale only!

This means we sell to other businesses such as Garden Centers, Nurseries, Landscapers and Pet Stores that are serious about water gardening. We don't sell to the retail public. Please do not send your customers here.

If you are not currently a customer and would like to order from this catalog, we will request the appropriate credentials on your first visit or order.

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CARLISLE'S AQUATOUGH POND LINER

Carlisle's SynTec Systems' fish-friendly AquaTough™ rubber pond liners provide top-quality performance with virtually no maintenance after installation. Combining design flexibility, long-term durability, J-Tear protection and easy installation makes AquaTough pond liners the ideal choice for a variety of waterscape applications.



Part #	Dimensions	Weight
PLC5100	5' x 100' Roll AquaTough	145
PLC1050	10' x 50' Roll AquaTough	145
PLC10100	10' x 100' Roll AquaTough	290
PLC1550	15' x 50' Roll AquaTough	218
PLC15100	15' x 100' Roll AquaTough	435
PLC2025	20' x 25' Roll AquaTough	145
PLC2050	20' x 50' Roll AquaTough	290
PLC20100	20 x 100' Roll AquaTough	580
PLC2525	25' x 25' Roll AquaTough	181
PLC25100	25' x 100' Roll AquaTough	725
PLC3025	30' x 25' Roll AquaTough	218
PLC3050	30' x 50' Roll AquaTough	435
PLC30100	30' x 100' Roll AquaTough	870
PLC3550	35' x 50' Roll AquaTough	508
PLC4050	40' x 50' Roll AquaTough	580
PLC5050	50 x 50' Roll AquaTough	725

AQUA FLEX POND LINER

- Fish Safe Polyethylene
- Impact resistance in low temperatures
- Solar UV, ozone, and oxidation resistance
- High Impact Resistance
- Low Maintenance
- Environmentally Safe
- 20-Year Material Warranty



Part #	Dimensions	Weight
PLQ12.5-50	Aqua-Flex 12.5' x 50'	91
PLQ25-50	Aqua-Flex 25 x 50'	183

INTEGRA LINER 30 MIL EPDM POND LINER

Integra EPDM rubber liner is fish safe and designed to be used in a variety of applications, including koi ponds, water gardens, fountains and water features of all kinds. Integra Liner is manufactured in Europe to the highest quality and standards in an ISO: 9001 facility.

- Fish, plant, and wildlife safe
- Flexible even under extreme temperatures
- Easy and fast to install
- Ozone and UV resistant
- 25 year warranty



Part #	Dimensions	Weight
PLI10100	Integra Liner 10 x 100	170
PLI15100	Integra Liner 15 x 100	254
PLI20100	Integra Liner 20 x 100	339
PLI25100	Integra Liner 25 x 100	424

FIRESTONE'S POND GARD

Landscapers and other pond building professionals have long recognized PondGard Rubber Liners for their unmatched ease of installation and their ability to conform to the shelves needed for creating natural looking waterfalls and holding plant containers.



EPDM-FM2

- 45 Mil fish and plant safe liner.

LINER ROLLS		
Part #	Dimensions	Weight
PLF5100	5' x 100' Roll	150
PLF1050	10' x 50' Roll	150
PLF10100	10' x 100' Roll	300
PLF1550	15' x 50' Roll	225
PLF15100	15' x 100' Roll	450
PLF2025	20' x 25' Roll	150
PLF2050	20' x 50' Roll	300
PLF20100	20' x 100' Roll	600
PLF2525	25' x 25' Roll	188
PLF2550	25' x 50' Roll	375
PLF25100	25' x 100' Roll	750
PLF3025	30' x 25' Roll	225
PLF3050	30' x 50' Roll	450
PLF30100	30' x 100' Roll	900
PLF3550	35' x 50' Roll	525
PLF35100	35' x 100' Roll	1050
PLF4050	40' x 50' Roll	600
PLF40100	40' x 100' Roll	1200
PLF5050	50 x 50' Roll	750
PLF50100	50 x 100' Roll	1500

BOXED LINERS		
Part #	Dimensions	Weight
PLFB1010	10' x 10' Boxed	30
PLFB1015	10' x 15' Boxed	45
PLFB1515	15' x 15' Boxed	68
PLFB1520	15 x 20' Boxed	90
PLFB1525	15 x 25' Boxed	113
PLFB2010	20 x 10' Boxed	60
PLFB2020	20 x 20' Boxed	120

SUPER-EDG

- Use to form a neat edge with a flexible liner.
- Simplifies delineation of pond level.

SE100R - Super-Edg 100' roll with 25 non-bending 14" steel stakes and 2 connecting clips

SE1FT - Super-Edg sold by the foot; comes with 1 stake every 4 feet



UNDERLAY FABRIC

- Essential for sidewalls (see Installation Tips page 7).
- Optional for the bottom of the pond.



UF15300 - 15' x 300' Roll of 6 oz Black Non-woven fabric

UF10150 - 10' x 150' Roll of 6 oz Black Non-woven fabric

UF7.5150 - 7.5' x 150' Roll of 6 oz Black Non-woven fabric

UF5150 - 5' x 150' Roll of 6 oz Black Non-woven fabric

UF80 - 80 sq. ft. Packaged Underlay 5' x 16"

Firestone

SPECIALTY PRODUCTS

PLACF - Quick Seam Corner Flashing - 8.5" dia.

Firestone QuickSeam Corner Flashing consists of FormFlash® factory laminated to QuickSeam Tape. It is 215.9 mm (8.5") in diameter and is designed to flash inside and outside corners.



PLAWB10 - Water Block 10oz tube

Water Block Seal is designed to provide a seal when used in compression as required by Firestone.



PLAATS - Aluminum Termination Strip

PLAATSC - Concrete anchors for ATS

Firestone Termination Strips are 10' long and are used to attach and seal liner to a flat surface as outlined by Firestone Specialty Products Specifications and details.



Firestone Termination Bar Method of Application

Install Firestone Water Block Seal behind top of flashing. Anchor bar through pre-punched holes at a rate to maintain a seal (max 12" o.c.) Remove excess flashing material above bottom of lap sealant reservoir channel. Install Firestone Lap Sealant into reservoir channel to seal the upper edge of the EPDM pond liner where appropriate. Please note this is a general overview and please consult Firestone Specialty Products specifications and details for specifics.

QUICK PRIME

- Use with seam tape or patch tape to prepare surface for better bonding.

PLAQPQ - 1 Quart Container Quick Prime

SEAM TAPE

- Double sided Rubber polymer tape for splicing PondGard Liner - 3" wide.

PLAST100 - 100' roll Seam Tape

PLAST25 - 25' roll Seam Tape

PATCH TAPE

- Single sided EPDM tape with adhesive already adhered to one side.
- Designed for the seaming of 2 pieces of liner - 6" wide.

PLAPT100 - 100' roll Patch Tape

PLAPT25 - 25' roll Patch Tape

JOINT COVER

- Patch for PondGard rubber liner.

PLAJC60 - 6" diameter Joint Cover

LAP SEALANT

- Does not adhere two pieces, but does seal the edges where two pieces overlap.

PLALS12 - Firestone's black caulking for rubber

FIRESTONE QUICK PATCH KIT

Kit Includes:

- 2 - 6" x 6" Quick Seam Patches
- 1 - 2 oz of LVOC QuickPrime
- 1- Scrubber Pad
- 1- Patch Roller
- 1 - Pair of Throw Away Gloves

PLAQPQ - Quick Patch Kit



MULTI-VENT UNDERLINER SYSTEM



The Multi-Vent Underliner System is a cost effective system designed to protect pond liner from floating up due to trapped gas or ground water under the liner.

Multi-Vent is a series of perforated tubes wrapped in a non woven geo-textile to prevent plugging. Typical installation uses one strip of Multi-Vent every 15'. For ponds 30' or less, one strip should be enough. Multi-Vent lines are rolled out over the prepared surface and are covered by the pond liner. This method avoids the need for trenching and it locates the Multi-Vent right where its most needed.



EPMV6100 — 6" Multi-Vent 100' roll

EPMV625 — 6" Multi-Vent 25' roll



EPMV6EO — 6" Multi-Vent

End outlet to 3" pipe



EPMV6E — 6" Multi-Vent Endcap

End caps are used on open ends to prevent foreign objects from plugging the tubes



EPMV6C — 6" Multi-Vent

Connector

EPMV6Y — 6" Multi-Vent

4 way Wye

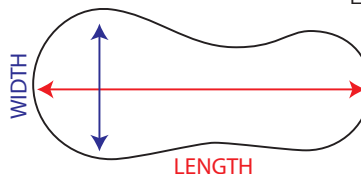


In larger ponds multiple strips can be run under the liner, each venting beyond the liner perimeter or they can be hooked together in a manifold / grid system.

Calculating Pond Liner Size

width - take the maximum width plus twice the maximum depth plus over hang (1-2')

length - take the maximum length plus twice the maximum depth plus over hang (1-2')



Example: The measurements for this irregular shaped pond are:

max. length 14', max width 8' and max depth 2'

Width: $8 + 2 + 2 + 2 = 13$

Length: $14 + 2 + 2 + 2 = 20$

If you use a liner that is at least 13' x 20' you will have at least 1' over hang on all sides

BOTTOM DRAINS

Ponds that are over 2' deep can become stagnant. Many pond builders have found that adding a bottom drain helps keep a pond cleaner. Fish waste and other muck that accumulates in a pond can be easily removed by a bottom drain.

The EasyPro bottom drain is roto molded for superior strength and durability! Unlike other bottom drains which have multiple legs around the outside (which debris can catch on) this drain has a center leg which prevents plugging.



EPBD1 - Bottom Drain - 3"

EPBDK2 - Bottom Drain Kit - 2" bulkhead, valve, fittings

EPBDK3 - Bottom Drain Kit - 3" bulkhead, valve, fittings

TUBING

SPIRAL TUBING

- Smooth on the inside and ridged on the outside, 100' rolls, black.
- Spiral Tubing may also be purchased by the foot.



T-S012LTBK	½" Spiral Tubing - Black 100' Roll
T-S012LTBK-50	½" Spiral Tubing - Black 50' Roll
T-S034LTBK	¾" Spiral Tubing - Black 100' Roll
T-S1LTBK	1" Spiral Tubing - Black 100' Roll
T-S114LTBK	1¼" Spiral Tubing - Black 100' Roll
T-S112LTBK	1½" Spiral Tubing - Black 100' Roll
T-S2LTBK	2" Spiral Tubing - Black 100' Roll

BLACK VINYL TUBING

*All sizes are also available in 20' lengths



T-V14C	¼" Vinyl Tubing - Clear 100' Roll
T-V38B	⅜" Vinyl Tubing - Black 100' Roll
T-V12B	½" Vinyl Tubing - Black 100' Roll
T-V58B	⅝" Vinyl Tubing - Black 100' Roll
T-V34B	¾" Vinyl Tubing - Black 100' Roll
T-V100B	1" Vinyl Tubing - Black 100' Roll

PVC FLEXIBLE TUBING

Standard PVC fittings can be glued directly to this tubing – no special glue or fittings needed



ULTIMATE PVC FLEX

*Our best PVC Tubing – Heavier, industrial strength
More resistant to the kinking found in lower grades

T-UP112B-5	1½" Ultimate PVC Flex tubing - Black 50" Roll
T-UP112B25	1½" Ultimate PVC Flex tubing - Black 25' Roll
T-UP200B-5	2" Ultimate PVC Flex tubing- Black 50' Roll
T-UP2B25	2" Ultimate PVC Flex tubing - Black 25' Roll
T-UP300B-5	3" Ultimate PVC Flex tubing- Black 50' Roll
T-UP400B-5	4" Ultimate PVC Flex tubing - Black 50" Roll

PVC FLEX

*An alternative to Ultimate Pond Flex Tubing at an affordable price

T-P012B10	½" PVC Flex Tubing - Black 100' Roll
T-P034B10	¾" PVC Flex tubing - Black 100' Roll
T-P100B5	1" PVC Flex tubing - Black 50' Roll
T-P112B-5	1½" PVC Flex tubing - Black 50' Roll
T-P112B25	1½" PVC Flex tubing - Black - 25' Roll
T-P114B5	1¼" PVC Flex tubing - Black 50' Roll
T-P200B-5	2" PVC Flex tubing - Black 50' Roll
T-P200B25	2" PVC Flex tubing - Black 25' Roll
T-P300B-5	3" PVC Flex tubing - Black 50' Roll

SEE PAGE 31 FOR WEIGHTED AIRLINE AND DIRECT BURIAL AIRLINE



PVC GLUE

EPPVCG - PVC glue 4 oz



PVC PRIMER

EPPVCP - PVC Primer 4oz

PVC ALL IN ONE - Pipe Cleaner, Primer, and Cement

- Use all weather formula in wet or dry conditions
- Saves time with easy application and no spills
- Sprays at any angle
- For pipe up to 6"
- Low VOC formula
- 5.5 ounce can



EPPVCR55 - All in One Aerosol PVC Pipe Cleaner, Primer, and Cement

EXPANDING BLACK SPRAY FOAM

- Simplifies water feature and waterfall creation by filling the cracks and voids and thus directing the flow of water over the rocks.
- A 16 oz can delivers about a 1/2" bead of foam 575' long

For pond installers: Use the large cans, with a spray gun and gun tip



SAVIO BLACK FOAM

S.BF400 - 16 oz Black Foam

S.BF500 - 24 oz Black Foam

S.BF510 - 24 oz Black Foam Gun

S.BF520 - Foam Gun Cleaner

Minimize Friction Loss

Recommended Tubing Sizes

Flow Rate	ID Tubing
300-750	¾"
750-1000	1"
1000-2000	1½"
2000-5000	2"
4000+	3"

TRITON UNIVERSAL CHECK VALVE BY ATLANTIC WATER GARDEN

- Works with all 1½" and 2" pump outlets:
- Molded "perfect-cut" dimensions to identify proper and cut-to-fit 1" increments on the reverse side
- Swing style check valve with molded in 90° elbow
- Socket unions on inlet and outlet of check valve
- Adaptable to 2" or 1 1/2" fittings



SAVIO POND PACKAGE®

Available in Four Sizes

Includes everything you need to build a complete water garden with professional results

550 GALLON POND PACKAGE®

Includes:

- Compact Skimmerfilter®
- 16" Waterfall Weir
- Skimmerfilter® 6" Faceplate
- 45 mil. EPDM Liner 10' x 15'
- Underlay 10' x 15'
- 1" x 25' Kink Free Hose
- Construction Guide
- Plumbing Kit
- Beneficial Bacteria/Barley Extract
- Water Master Solids Pump 1450



S.PP550 - Maximum pond size 6' x 10' x 2'

800 GALLON POND PACKAGE®

Includes:

- Skimmerfilter® Base Unit
- 16" Waterfall Weir
- Skimmerfilter® 6" Faceplate
- 45 mil. EPDM Liner 12' x 15'
- Underlay 12' x 15'
- Black Foam
- 1" x 25' Kink Free Hose
- Construction Guide
- Plumbing Kit
- Beneficial Bacteria/Barley Extract
- Water Master Solids Pump 1450
- How to Build a Livingpond® Video



S.PP800 - Maximum pond size 8' x 11' x 2'

1500 GALLON POND PACKAGE®

Includes:

- Skimmerfilter® Base Unit
- Livingponds® Waterfall Filter
- Skimmerfilter® 8.5" Faceplate
- 45 mil. EPDM Liner 15' x 20'
- Underlay 15' x 20'
- Water Master Solids Pump 2050
- 2" x 25' Kink Free Hose
- Black Foam
- Springflo Bio Filter Media
- Construction Guide
- Plumbing Kit
- Filter bottom Drain Assembly
- Beneficial Bacteria/Barley Extract
- How to Build a Livingpond® Video



S.PP1500 - Maximum pond size 11' x 16' x 2'

3000 GALLON POND PACKAGE®

Includes:

- Skimmerfilter® Base Unit
- Livingponds® Waterfall Filter
- Skimmerfilter® 8.5" Faceplate
- 45 mil. EPDM Liner 20' x 25'
- Underlay 15' x 33'
- Black Foam
- Springflo Bio Filter Media
- 2" x 33' Kink Free Hose
- Construction Guide
- Plumbing Kit/Bottom Drain Assembly
- Beneficial Bacteria/Barley Extract
- Water Master Solids Pump 3600
- Springflo Bio Filter Media
- How to Build a Livingpond® Video



S.PP3000 - Maximum pond size 16' x 21' x 2'

POND FREE® PACKAGE

8FT POND FREE® PACKAGE

Includes:

- Pond Free® Waterfall Well™
- Water Master Clear Pump 2220
- FilterWeir™ 16
- 2" x 15' Kink Free Hose
- Underlay 10' x 15'
- Black Foam
- 45 mil. EPDM Liner 10' x 15'
- Construction Guide
- Discharge Kit
- Liner 3' x 4'



S.PF0500

13FT POND FREE® PACKAGE

Includes:

- Pond Free® Waterfall Well™
- Water Master Clear Pump 3960
- FilterWeir™ 16
- 2" x 20' Kink Free Hose
- Underlay 10' x 20'
- Black Foam
- 45 mil. EPDM Liner 10' x 20'
- Construction Guide
- Discharge Kit
- Liner 4' x 5'



S.PF1000

SAVIO SPRINGFLO BIOFILTER MEDIA™

- Provides enormous surface area while being light and compact.
- Each roll contains 180 sq. ft. of surface area, suitable for up to 3 cu. ft. of filter volume.
- Patented design resists clogging, channeling, and encourages rapid bacterial growth for healthier, cleaner ponds and water gardens.
- SAVIO Springflo™ is a special formulation of embossed polypropylene and calcium carbonate that lasts for an entire year.
- Easily self-dispenses— simply hold above filter and start unwinding from center. Shipping and storage is easier.



S.SF01 - SAVIO Springflo Biofilter Media

SPRINGFLO MESH BAG

- Inexpensive mesh bag that can be filled with Springflo Media.
- Update a filter that is currently using lava rock or bio-balls.



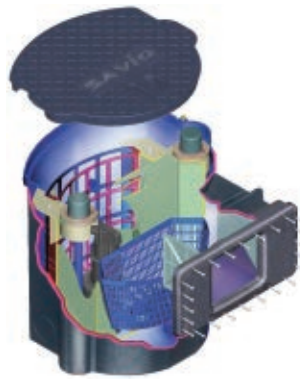
S.K5004 - Springflo Mesh Bag

SKIMMERFILTERS® & COMPACT SKIMMERFILTERS®



Sturdy multi-functional filtration:

- Reduces maintenance
- Collects debris
- Clears water
- Hides unsightly pumps and plumbing.



S.SSKim - Skimmerfilter® Base

S.SSWEIR60 - 6" Skimmerfilter® Faceplate/Weir

S.SSWEIR85 - 8.5" Skimmerfilter® Faceplate/Weir

S.SSWEIR16 - 16" Skimmerfilter® Faceplate/Weir

S.SRS020 - Skimmerfilter® Mat

S.CSSKIM - Compact Skimmerfilter® Base

S.SCW6000 - Compact 6" Faceplate/Weir

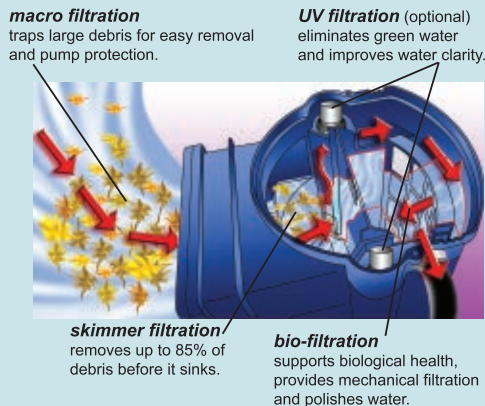
S.SCW8500 - Compact 8" Faceplate/Weir

S.RC002 - Compact Skimmerfilter® Mat (2x)



PRE ASSEMBLED SAViO DISCHARGE KITS ARE AVAILABLE WHEN USING A SAViO SKIMMER WITH A SAViO PUMP

How It Works



POND FREE® WATERFALL WELL™

Simplify the construction and maintenance of vanishing waterfalls and 'endless' streams. Protects expensive pump equipment from the crushing forces of rock and water with a structurally tough, injection-molded housing. Durable snap-fit enclosure is easy to assemble and contains no moving parts. Its wide mouth means easy access to pump and plumbing.



- Multiple uses for irrigation, drainage, and lift-pump applications.
- The Pond Free® Waterfall Well™ handles pump flows up to 15,000 GPH.

S.WW1000 - Waterfall Well™

S.K6001 - 18" Extension for Waterfall Well™

SEE PAGE 13 FOR WATER LEVEL CONTROLS

Pond Surface Area:
average length x average width = surface area

Here are some of the possible configurations:

COMPACT SKIMMERFILTER®

Pond Surface Area	Assemblies	Pump GPH
Up to 200 sq ft	6" Faceplate, 18 watt UV	500-1800
Up to 300 sq ft	8.5" Faceplate, 18 watt UV	1800-3000

SKIMMERFILTER®

Pond Surface Area	Assemblies	Pump GPH
Up to 200 sq ft	6" Faceplate, 18 watt UV	500-1800
Up to 300 sq ft	6" Faceplate, 26 watt UV	500-2500
Up to 300 sq ft	8.5" Faceplate, 26 watt UV	1800-2500
Up to 500 sq ft	8.5" Faceplate, 50 watt UV	1800-2500
Up to 1200 sq ft	8.5" Faceplate, 50 watt UV	5000-8500
Up to 1200 sq ft	16" Faceplate, 50 watt UV	5000-8500

Purchase a base unit and the appropriate sized faceplate for your pond size and flow. Add an optional UV assembly to maximize water clarity. Faceplates for both units are sized according to the surface area of the pond.



UVINEX™ SYSTEM

The result of nearly 2 years of R&D

- UVinex™ is the latest breakthrough in clear water technology.
- Safe chemical free algae control in a sleek, new design exclusive to SAViO.
- Coated bulb technology does away with fragile glass sleeves and is virtually maintenance free— simply wipe clean with a damp cloth to restore full effectiveness.
- 26 and 50 Watt UVs For Full-Size Skimmerfilters® and 16 Watt UV for Compact Skimmerfilters®

S.UV026 - 26 Watt UVinex.™

Maximum pump flow 2,500 GPH for ponds up to 3,000 gallons

S.UV050 - 50 Watt UVinex.™

Maximum pump flow 4,750 GPH for ponds up to 5,000 gallons

S.UV018 - 18 Watt UVinex.™

Maximum pump flow 2,000 GPH for ponds up to 2,500 gallons

LIVINGPONDS® FILTERS

- SAViO's Livingponds® Filters have a top feed to promote the oxygenation of water and eliminate the need for a check valve.
- The centrifugal distribution encourages the settling of heavy debris.
- Their up-flow design makes the filter media more effective.
- Modular design makes adding filtering capacity as simple as connecting filters together.



SF100 - Livingponds® Waterfall filter

SF200 - Livingponds® Versafilter

SRF001 - Livingponds® Top Polishing Mat

SK2001 - Livingponds® Filter Bottom Drain Kit

LIVINGPONDS® FILTER 070

- Comes equipped with two medium density filter pads and SAViO's new ceramic media that contains 10,000 sq. ft. surface area.
- Finished with a 16" spillway and heavy duty media grate.
- 3" Inlets on either side.

S.F070 - Livingponds® Filter 070



S.RF025 - Replacement Mat for Filterfall 070 or FilterWeir F060

S.RF035 - Replacement Ceramic Media

Units to use	Pond Size	Flow Rate
Waterfall Filter	up to 5000 gal.	500-5000 gph
Versa Filter	up to 5000 gal.	500-3000 gph
2 Versa Filters	up to 9000 gal.	500-3000 gph
Versa Filter & Waterfall Filter	up to 9000 gal.	500-3000 gph
2 Waterfall Filters	up to 10000 gal.	500-10000 gph

Pond Volume

average length x average width x average depth x 7.5= volume in gallons
Livingponds® filters are sized according to the pond volume.

FILTERWEIRS™

- Professional results, with very little effort — plus, it's easy to retrofit to existing ponds.



S.F050 - 16" SAViO FilterWeir™

Falling Water & Bio-Mechanical Filtration Inlet connects to 2" I.D. PVC fitting. 16" FilterWeir™ is rated for pump flows from 900-3000 gph.

S.F060 - 31" SAViO FilterWeir™

Bigger Falls & Bio-Mechanical Filtration Inlet connects to 3" I.D. PVC fittings on either side. 31" FilterWeir™ is rated for pump flows to 10,000 gph with the 31" faceplate.

S.RF017 - Replacement Mat for FilterWeir F050

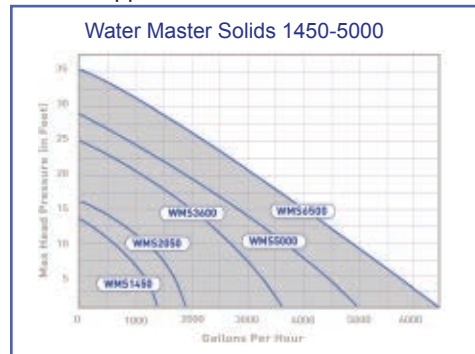
S.RF025 - Replacement Mat for Filterfall 070 or FilterWeir F060

PUMPS

WATER MASTER SOLIDS HANDLING PUMP SERIES

Meet the industry leader in water gardening pumps, professionally engineered to take on the serious debris of a pond habitat. Delivering phenomenal dependability for reliable, non-stop, 24/7 operation, the Water Master Solids Handling Pump tackles that down-and-dirty job of moving suspended solids up to 1¼". No clogging. No worries.

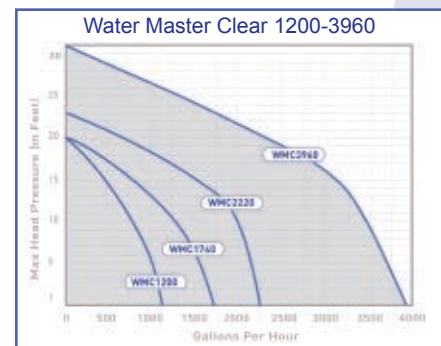
- 115 volts, 60 hertz
- Power Cord - 16' long
- CSA-approved for use in USA and Canada



Model #	Dimensions	Discharge	Amps	Watts	Max Flow	Max Head
S.WMS1450	6" x 11¼"	1 ¼" (1 ½" w/ elbow)	1.8-2.3	200-250	1450 gph	14'
S.WMS2050	6" x 12½"	1 ¼" (1 ½" w/ elbow)	2.4-3.0	280-350	2050 gph	16'
S.WMS3600	6" x 14"	1 ¼" (1 ½" w/ elbow)	4.8-6.0	520-650	3600 gph	25'
S.WMS5000	9½" x 15¾"	1 ½" (1 ½" w/ elbow)	6.1-7.6	696-870	5000 gph	28.5'
S.WMS6500	9½" x 15¾"	1 ½" (2" w/ elbow)	6.1	750	6500 gph	35'

WATER MASTER CLEAR PUMP SERIES

- 115 volts, 60 hertz
- Power Cord - 16' long
- CSA-approved for use in USA and Canada

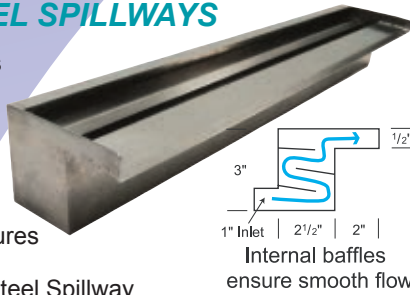


Model #	Dimensions	Discharge	Amps	Watts	Max Flow	Max Head
S.WMC1200	5½" x 10½"	1 ¼" (1 ½" w/ elbow)	1.6-2.0	176-220	1200 gph	20'
S.WMC1740	5½" x 10½"	1 ¼" (1 ½" w/ elbow)	1.6-2.0	176-220	1740 gph	20'
S.WMC2220	5½" x 10½"	1 ¼" (1 ½" w/ elbow)	2.4-3.0	240-300	2200 gph	23'
S.WMC3960	5½" x 12"	1 ½" (2" w/ elbow)	5.7-7.1	560-700	3690 gph	31'

Water Master Clear pumps trade solids handling capability for higher head pressures, yet maintain all the high level of quality that gives you a product that will perform well at a reasonable cost.

STAINLESS STEEL SPILLWAYS

- Internal baffle calms incoming water creating even, smooth flow over lip
- Ideal for formal features, signs and swimming pool features



- EPSSS12** - Stainless Steel Spillway
- 12" wide, single 1" inlet • Rated for 800 gph
- EPSSS23** - Stainless Steel Spillway
- 23" wide single 1" fpt inlet • Rated for 1200 gph
- EPSSS35** - Stainless Steel Spillway
- 35" wide, dual 1" fpt inlet • Rated for 1800 gph
- EPSSS47** - Stainless Steel Spillway
- 47" wide, dual 1" fpt inlet • Rated for 2400 gph

EPDFWB48 - Waterfall Basin

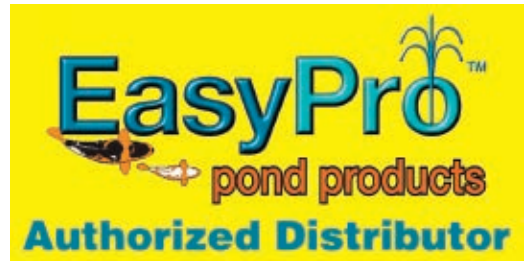
1/2 Round Basin for Waterfalls
Ideal for use with wall block!

- Can be installed on decks, patios, indoors - all above grade or buried
- Half circle design fits snug to wall
- Includes anti-splash strip - minimizes water loss
- Use an auto-fill valve to maintain water level
- Roto-molded, one piece design - super easy to install
- 1" threaded outlet
- 48"L x 24"W x 15 1/2"H



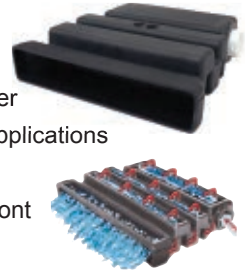
EASYPRO MAG DRIVE PUMPS stand out from the crowd in features, benefits and durability. We now inventory 6 of the 15 models, but would be happy to special order any of the others ranging from 45 gph to 9,700 gph. For low head applications Mag Drive pumps are unbeatable and with few moving parts, their reliability is unsurpassed.

- Mag drive motors - super quiet and very energy efficient!
- Epoxy filled motors - no oil!
- 3 year limited warranty!
- UL and cUL listed
- Threaded discharge ports on all pumps for easy fitting connection



ECO SERIES WATERFALL DIFFUSERS

- Ideal for use at beginning of streams and in block walls, pools and formal fountains
- Super strong vertical rib design creates a nearly indestructible diffuser
- Can be used in multiples for wider applications
- Dual 2" FPT Inlets
- Measures 3.5" tall and 14" back to front



EPUWD16 - Waterfall Diffuser - 16" wide

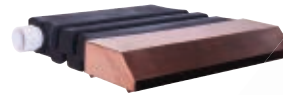
- Recommended Flow Rate of 1000 to 4000 gph

EPUWD23 - Waterfall Diffuser - 23" Wide

- Recommended flow rate of 1380 to 6000 gph



EPUWD23C - Copper Attachment for EPUWD23



EPUWD23CN - Copper Attachment w/ Narrow opening for EPUWD23



LED STRIP LIGHT

Installs under bottom lip of EPUWD23C or with stainless steel spillways. Can also be used as submerged light for illuminating waterfalls, streams, etc.

Go to pages 24 & 25 to see our full selection.

Easy Pro Mag Drive Pump Chart												
	Watts	Flow gph	3'	6'	9'	12'	15'	18'	Max. Lift	Cord Length	Nozzles Included	Outlet Size
EPMag 02	17	200	160	48					7'	12'	volcano, waterbell	1/2"
EPMag 04	20	400	292	204	61				10'	12'	volcano, waterbell	1/2"
EPMag06	35	600	452	310	93				12'	16'	volcano, waterbell double volcano	1/2"
EPMag08	60	850	637	439	13				12'	16'	volcano, waterbell double volcano	3/4"
EPMag10	70	1050	892	740	518	232			131/2'	16'	volcano, waterbell double volcano	3/4"
EPMag17	130	1750	1530	1150	915	782	463	88	20'	20'	None	3/4"

PRO-SERIES AQUAFALLS

EPAT - Mini Aquafalls

Can provide biological filtration for ponds up to 1200 gallons. Includes two filter pads and one large mesh bag for filter media.

Maximum recommended flow 2400 gph.
1½" inlet fitting in back of filter
14" Waterfall Opening
Measures 18" x 24" x 18"



EPAS - Small Aquafalls

Can provide biological filtration for ponds up to 2500 gallons. Includes three filter pads and two mesh bags for filter media.

Maximum recommended flow 4,200 gph.
2" bulkhead each side of filter (plus a 2" plug)
18" Waterfall Opening – Measures 26" x 26" x 26"

EPAM - Medium Aquafalls

Can provide biological filtration for ponds up to 6000 gallons. Includes three filter pads and three mesh bags for filter media.

Maximum recommended flow 7,200 gph.
2" bulkhead each side of filter (plus a 2" plug)
26" Waterfall Opening – Measures 35" x 36" x 28"

EPAL - Large Aquafalls

Can provide biological filtration for ponds up to 15,000 gallons. Includes three filter pads and six mesh bags for filter media.

Maximum recommended flow 15,000 gph.
3" bulkhead each side of filter (plus a 3" plug)
50" Waterfall Opening – Measures 36" x 65" x 36"

ACCESSORIES FOR AQUAFALLS

Including: Rock/Plant Grates,
Termination strips and
replacement waterfall Lips



PRO SERIES EXPANDABLE WATERFALLS



EPEWE16 - Expandable Waterfall - 16" Straight

EPEWI16 - Expandable Waterfall - 16" Inward Curving

EPEWO16 - Expandable Waterfall - 16" Outward Curving

EPEWLR2 - Expandable Waterfall - Left/Right Ends with
2" inlets - Unassembled - incl. hardware pack

EPEWLR3 - Expandable Waterfall - Left/Right Ends with
3" inlets - Unassembled - incl. hardware pack

EasyPro's Expandable Waterfall spillways are designed to sit inside the liner eliminating any concerns of leaking.

The bulkhead fitting secures liner to tub where the hose enters the spillway. Dual bulkhead fittings are included for each end so water can enter from the left, right or both ends! A plug is included to plug whichever end is not used.

Install as many of the 16" extensions as desired creating the size and shape spillway you desire. The plastic grating that sits just below the water level allows you to stack rock to hide the spillway.

PRO SERIES POND SKIMMERS

Pro-Series Skimmers have a flange above the opening where water enters from the pond into the skimmer. This allows you to not only stack rocks alongside the opening but also above the skimmer opening. We stock the Easy Pro Skimmers with filter pads – please inquire for brushes.



EPPSM - EasyPro Mini Skimmer with Filter Pad

- Skims ponds up to 250 square feet.
- Handles pumps up to 3000 GPH.
- 20" L x 15" W x 19" T
- 6" wide water inlet



EPPS1V - EasyPro Small Skimmer with Filter Pad -

- Skims ponds up to 600 square feet.
- Handles pumps up to 6000 GPH.
- 28" L x 18" W x 20" T
- 8" wide water inlet



EPPS2V - EasyPro Large Skimmer with Filter Pad-

- Skims ponds over 600 square feet.
- Handles pumps up to 15,000 GPH or multiple smaller pumps.
- 42" L x 20" W x 30" T
- 16" wide water inlet

EXTENSION TUBES - are 24" long and allow you to place the skimmer back from the edge of pond. Can attach multiple extension tubes together for even greater distance from pond.

EPPSETS - Skimmer Extension Tube-Fits Mini & Small skimmer

EPPSETL - Skimmer Extension Tube- Fits Large skimmer

PRESSURIZED FILTERS

- Sturdy filter housings - can be buried up to cleaning ring for easy concealment
- Optional built-in UV for crystal clear water
- Dual filtration - filter pads collect solid debris while biomedica provides excellent biological filtration
- Cleaning indicator - spring loaded indicator shows when filter needs to be cleaned



- Easy to clean - filters are easy to disassemble and clean, making maintenance a snap
- Multi-step connectors - inlet / outlet fittings accept a variety of tubing sizes

ITEM #	Max Pond Size	UV / Watts	Inlet / Outlet Sizes	Recommended Maximum GPH Flow
EPECF10	1000 Gallons	No	½", ¾", 1"	600
EPECF10U	1000 Gallons	Yes / 7	½", ¾", 1"	600
EPECF25	2500 Gallons	No	¾", 1", 1¼", 1½"	1350
EPECF25U	2500 Gallons	Yes / 9	¾", 1", 1¼", 1½"	1350
EPECF40	4000 Gallons	No	¾", 1", 1¼", 1½"	2000
EPECF40U	4000 Gallons	Yes / 13	¾", 1", 1¼", 1½"	2000

PRO SERIES PUMP VAULTS

The EasyPro Pump Vaults are built super heavy duty to withstand the pressure of being buried under rock. The vaults have slots cut in the sides which allow water into the pump.



- EPJAFV** - Large Pump Vault
- 24" x 24" x 32
 - max. flow is 15,000 GPH

- EPJAFM** - Small Pump Vault
- 16" x 16" x 22"
 - max. flow is 6,000 GPH



Extensions allows you to dig your reservoir deeper (great for tight areas) and still have easy access to the pump. The 12" extension has a flange around the bottom that slides right over the top edge of the mini vault. Multiple extensions can be used if needed.

- EPJAFME** - Small Pump Vault Extension - 12" Tall
EPJAFVE - Large Pump Vault Extension - 18" Tall

PRO SERIES HIGH STRENGTH RESERVOIR CUBES

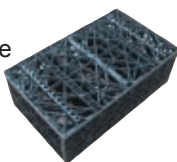
These heavy duty cubes can be used in high weight bearing features.

- Ideal for use in pondless features using large boulders
- Can be used under roadways, pathways, sidewalks, etc.
- Great for retention and recycling of rain water
- Available in 2 sizes
- Ships unassembled to save space, quick and easy assembly on site

- EPHSC44** - High Strength Reservoir Cube
- 17 1/2" H x 16" W x 27" L
 - 31.5 gal.
 - 4.4 cubic feet of space



- EPHSC22** - High Strength Reservoir 1/2 Cube
- 9 1/2" H x 16" W x 27" L
 - 15.5 gal.
 - 2.2 cubic feet of space



CLEANOUT PACKAGE WITH HOSE

(pump sold separately)

- 25' or 50' of roll-up hose and quick connect fittings to easily connect hose to pump



- EPPCH25** - 25' CleanOut hose with quick connect setup
EPPCH50 - 50' CleanOut hose with quick connect setup

PUMP PRO-TECTORS



- EPP8** - 8" Pump Pro-Tector,
1250 Max GPH



- EPP12** - 12" Pump Pro-Tector,
2,550 Max GPH

EASYPRO UV CLARIFIERS

- Tough, impact resistant housings
- Weatherproof ballasts
- 15' power cord
- Protective device built inside sleeve turns off power when top cover is opened.
- Dual outlets- Outlet can be on same side as inlet or opposite side
- Quartz glass sleeve
- Multi-step connectors for 3/4", 1" and 1 1/4" tubing



- EPU18N**- UV Clarifier - 18 Watts; Max flow 2100gal, Max Pond 4000 gal

- EPU36N**- UV Clarifier - 36 Watts; Max flow 3900gal, Max Pond 7000 gal

EPBSC50 - Pond seal 50#
 Revolutionary new way to seal leaking ponds, dikes, dams, spillways, etc. Sodium bentonite clay bonded to limestone aggregate creates a small rock-like "nugget" that sinks directly to pond bottom.



- Seals leaks without draining the pond
- Clay particles swell when wet, creating a solid layer of leak protection
- Great for sealing around intake pipes, muskrat holes, cuts and tears in liners
- Eco-friendly - all earthen ingredients, will not alter water chemistry
- Apply at five pounds per square foot for a 3/4" thick coverage or ten pounds per square foot for 1 1/2" thick coverage

HELPFUL ACCESSORIES

SUBMERSIBLE PUMP SCREENS

Use these handy intake screens with any submersible pump when pumping water from a lake, pond, river or tank. These sturdy built screens will protect pumps from sticks, weeds, fish and other large debris.

- Heavy duty 1/2" x 1" mesh screen
- Drawstring top will draw up tight to any pipe from 1 1/2" to 4" in diameter



- Screens can be used vertically or horizontally
- EPSPS12** - Pump screen, 12" Dia. x 14" Tall
EPSPS20 - Pump screen, 20" Dia. x 18" Tall

EASY PRO

TM LOW HEAD SERIES

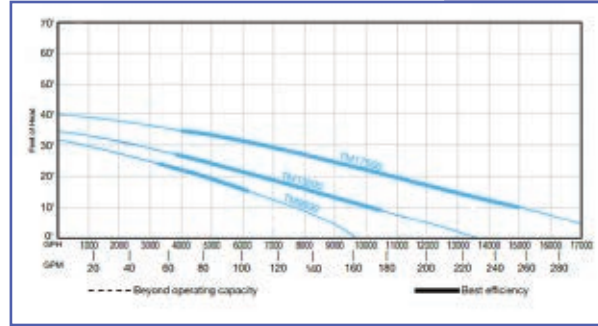
EasyPro TM Low Head Series Pumps are the perfect choice for streams and waterfalls.

Features:

- Up to 17,500 GPH flow
- 3" outlets with 30' power cords and thermal overload protection
- Oil free design — ideal for fish ponds
- Top quality Japanese double mechanical seals for maximum life
- Ideal for low to medium head waterfalls
- High volume in a compact design allows for use in large skimmers



Model	Max Head	Max GPH	GPH @ 10'	GPH @ 20'	GPH @ 30'	Amps	HP	Volts
TM9500	31'	9,500	7,800	5,000	1,000	10.9	1	115
TM13500	33'	13,500	10,000	6,500	2,500	12	1.5	115
TM17500	40'	17,500	15,000	11,000	6,800	10	2	230



VERSIFLOW ~SUBMERSIBLE PUMPS by MATALA

- Reliable • Heavy Duty • High Flow Rates • 2 Year Warranty



Item #	HP	Amp/ Volts	Outlet Size	Max GPH	5' Head	10' Head	15' Head	20' Head	Max Head
MPV-3200	1/5	2.8	2"	3240	2931	2092	867	-	19'
MPV-3900	1/3	3.2	2"	3850	3648	2748	1428	51	23'
MPV-4700	1/2	5.3	2"	4690	4256	3538	2707	1789	30'
MPV-5600	1	7.3	2"	5600	5514	5409	5046	4130	38'

SHINMAYWA PUMPS NORUS SERIES

Part#	Model#	HP	Volts	Amps	5'	10'	15'	20'	25'	30'	35'	40'	Max head	Cord Length
SH-015	50CR2.15s	1/5	115	3.0	2700	1800	900						19'	20'
SH-0225	50CR2.25S	1/3	115	4.4	4000	3000	2100	1200	7800				28'	33'
SH-040	50CR2.4S	1/2	115	5.5	5100	4320	3420	2700	1800	1080			36'	33'
SH-075	50CR2.75S	1	115	10.0	6900	6000	5400	4800	4080	3180	2280	1500	48'	33'
SH-XP075	50CRXP2.75S	1	115	11	10500	8700	6600	5100	3300	1200			32'	33'

■ Highest Efficiency ■ Medium Efficiency ■ Lowest Efficiency

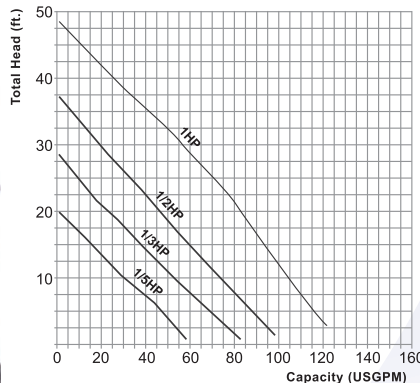
ShinMaywa Norus pumps provide the most reliable, highest efficiency, lowest lifetime cost of any pump in its class. Designed to be a truly continuous duty motor so you can run your water feature 24/7/365 with confidence. The ShinMaywa pumps are constructed of Stainless Steel and corrosion resistant poly Amide Fiber Reinforced Resin.

Specifications

- Air filled motor for lower average operating temperature
- Seamless stainless steel stator casing.
- Seal Extender for cooling the seal face more effectively.
- Thermal overload protection.
- Cast aluminum bearing housing.
- Anti-creeping top bearing.
- High efficiency motor.
- Anti-wicking cable entry.
- Air release valve preventing air lock.
- Vortex solids handling impeller.
- S.S. Shaft and impeller boss.
- 3600 RPM
- 2 Year factory warranty



Lightweight Submersible Pumps



REPLACEMENT CAPACITOR, IMPELLER AND GASKETS ARE AVAILABLE.



LIFEGARD SEA FLOW™ PUMPS

- High Performance Pump
- Features state of the art engineering designed to circulate more water in less time, using less energy, creating less noise.
- High temperature engineered thermoplastic construction.
- Single piece corrosion resistant strainer pot and volute.
- See-through lid with cam and ramp quarter twist lock.
- Oversized strainer basket.
- Funnel Flo™ diffuser for quiet operation.
- High efficiency impeller and life extending diffuser wear ring.
- All stainless steel hardware.
- 2" suction and discharge ports.
- 3 year limited warranty.



Model #	Motor Rating HP	Voltage	Rated Amps	GPH (60Hz)	Ship Weight
PASeaFlow1	1 HP	208/230V	14.8/ 7.8-7.4	6780 GPH	41 lbs.
PASeaFlow1.5	1.5 HP	208/230V	9.6/8.8	7800 GPH	54 lbs.
PASeaFlow2	2 HP	208/230V	11.0/10.2	8400 GPH	55 lbs.

Available in additional sizes- call to place special order.

LIFEGARD SEA HORSE™ PUMPS

- Self-priming.
- Fiberglass reinforced.
- 1½" suction and discharge ports.
- User friendly drain plugs.
- One year warranty.
- Clear strainer pot lid and large strainer basket.
- Unique diffuser and impeller provide excellent pressure performance across wide range of desired gallon per minute flow rates



Model #	Motor Rating HP	Voltage	Rated Amps	GPH (60Hz)	Ship Weight
PASeaHorse34	¾ HP	115V 60Hz	9.2	4560 GPH	33 lbs.
PASeaHorse1	1 HP	115V 60Hz	12	4920 GPH	37 lbs.

Available in additional sizes- call to place special order.



Replacement in-line strainer parts for the SeaHorse pumps are now kept in stock. These in-line strainers are adaptable to many different pumps. They have a 1 ½" FPT thread for their inlet and outlet. Pieces are ordered ala carte, when buying a complete unit be sure to request all 4 line items.

- LA-SHBasket** - Basket for SeaHorse Pump
- LA-SHGasket** - Gasket for Lid Sea Horse pump 3/4
- LA-SHLid** - Lid for Strainer Basket for SeaHorse Pump
- LA-SHPot** - Pot for SeaHorse Strainer Basket

LOW WATER SHUT-OFF

PREVENT COSTLY MOTOR DAMAGE TO SUBMERSIBLE PUMPS

ATLANTIC WATER GARDEN'S -

- Protects Against:
- Operating Dry
 - Current Spikes
 - Current Drop
 - Thermal Cycling
 - Low Water Flow



Atlantic's Tidal Wave Pump Protector will automatically shut off a pump before it can be damaged. Unlike water level sensors and built-in thermal protectors, which can cycle on and off repeatedly, ultimately allowing pump failure, the TidalWave Pump Protector electronically monitors subtle line power changes that are created by the pump during adverse load conditions. When the current change exceeds a pre-set internal threshold, power to the pump is cut off until physically reset. There is no cycling on and off like with float sensors that reset themselves. The TidalWave Pump Protector installs easily and calibrates to all direct drive pumps. Not for use with Mag drive pumps.

AWGTWPP14 - TidalWave Pump Protector

VERTICALMASTER®

SHVM - SJE

Mechanically-Activated Pump Switch for Limited Space Applications. Pump switches provide automatic pump control.

- Heavy-duty contacts
- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC
- Adjustable pumping range of . 75 - 6.5 inches (2 - 17 cm)



The SJE VerticalMaster® pump switch is designed to directly control pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC in non-potable water and sewage applications with limited space. It works well in small sump chambers, effluent applications, and laundry trays, as well as in large tanks. The SJE VerticalMaster® pump switch is not sensitive to turbulence and is available for pump down applications only.

LITTLE GIANT

EPLGS1 - Low Water Pump Shut Off



This "Tether- Style" Shut Off has a 15' long power cable attached to the float switch. Ideal for pumps used in skimmers. Can handle a maximum of 13 amps.



MULTI-COLOR LED STREAM FOUNTAIN

- LALSF** - Lifegard Multi-Color LED Stream Fountain
- LALSFR** - Lifegard Multi-Color LED Stream Fountain with Remote



Add elegance and fun to your backyard pond or fountain with a stream of color changing LED lights inside an arc of moving water. Can be installed with most small pumps...buried below ground or submerged in water 3 Watt 12v LED. Includes 16' Power Cord.

Important Installation Notes:

1. Lifegard Stream fountain should be used in a clean water environment. There is a filter, but if the water is dirty it will require frequent cleaning. You can use a pre-filter to help maintain smooth water flow.
2. The pump flow must be a minimum of 580 gph to a maximum of 951 gph. (4-6 PSI)
3. Arch is important. The maximum length of the arch is 12 feet for best light flow and to avoid splashing. Also, consider the height for maximum performance.
4. Remote Control will control the colors but not the flow of water. Select any color or have it cycle through all colors automatically.



ALL-IN-ONE POND FILTER SYSTEM



Newly designed, this completely submersible unit cleans and maintains a healthy Pond, Fountain or Water Garden. Available in 3 complete packaged sizes to care for small, medium or large bodies of water... with unique feature of adding additional filtration capacity if required.



Features-

- 13 Watt Ultraviolet Clarifier with separate 20' cord to be used only as needed.
- 2-Stage High Capacity Mechanical Filtration (2 types of sponges) to remove solids.
- UV Light Indicator to notice if bulb is operating.
- Quiet, Efficient QUIET-ONE PUMP with 20' power cord.
- Water Feature Spray Attachment with Ball-Joint Leveling Device to keep spray vertical even when pond bottom is not level.
- Biological Filter for Bacteria Growth.
- Maintenance Handle provides easy access to remove from water.



LAA1F-1
Lifegard All-In-One
Single Filter System
- up to 1000 gal



LAA1F-2
Lifegard All-In-One
Double Filter System
- up to 1500 gal



LAA1F-3
Lifegard All-In-One
Triple Filter System
- up to 2000 gal

FLOAT VALVES

ATLANTIC WATER GARDEN FLOAT VALVE KIT

- 1/2" Pipe, 1/2" poly, & garden hose fitting.

AWGAF1000 — Auto Fill Kit



SAViO WATER LEVEL SENSORS/AUTO FILLS

- S.K1003L** - Mechanical Water Level Sensor for Skimmerfilter (Left)
- S.K1003R** - Mechanical Water Level Sensor for Skimmerfilter (Right)
- S.K6002** - Mechanical Water Level Sensor for Waterfall Well

EASYPRO WATER FILL BOX AND VALVES

- EPWFS50** - 1/2" Brass Fill Valve
 - 12 1/2" long
 - 1050 gph @ 55PSI
- EPWFS100** - 1" Brass Fill Valve
 - 17" long
 - 3840 gph @ 55PSI



- EPWFB** - Water Fill Box
 - Provides the ideal housing to install an auto fill valve
 - Holds valves up to 13" long
 - 15" long x 8" wide x 8" tall

FITTINGS

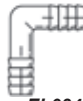
Prod#	Description
BS075	Blue Strainer 3/4" MPT x 2 3/4" OAL
BS100	Blue Strainer 1" MPT x 3" OAL
BS125	Blue Strainer 1 1/4" MPT x 3 1/4" OAL
BS150	Blue Strainer 1 1/2" MPT x 4" OAL
CYP1434	1 1/2" MPT Stepped Hosetail
CYP3994	1/2" Hose Barb Flow Control
CYP3996	1" Hose Barb Flow Control
CN12	Cut-off Nipple 1/2" (MPT x MPT)
CN1234	Cut-off Nipple 1/2" x 3/4" (MPT x MPT)
CN34	Cut-off Nipple 3/4" (MPT x MPT)
FC14	1/4" Threaded coupling (FPT x FPT)
FC12	1/2" Threaded coupling (FPT x FPT)
FC34	3/4" Threaded coupling (FPT x FPT)
FC100	1" Threaded coupling (FPT x FPT)
FC114	1 1/4" Threaded coupling (FPT x FPT)
FC150	1 1/2" Threaded coupling (FPT x FPT)
FC200	2" Threaded coupling (FPT x FPT)
FC300	3" Threaded coupling (FPT x FPT)
A14	1/4" Insert Adapter (MPT x HB)
A1438	1/4" x 3/8" Insert Adapter (MPT x HB)
A1412	1/4" x 1/2" Insert Adapter (MPT x HB)
A38	3/8" Insert Adapter (MPT x HB)
A3812	3/8" x 1/2" Insert Adapter (MPT x HB)
A3858	3/8" x 3/8" Insert Adapter (MPT x HB)
A12	1/2" Insert Adapter (MPT x HB)
A1238	1/2" x 3/4" Insert Adapter (MPT x HB)
A1258	1/2" x 5/8" Insert Adapter (MPT x HB)
A1234	1/2" x 3/4" Insert Adapter (MPT x HB)
A12-90°	1/2" Insert Adapter Elbow (MPT x HB)
A34	3/4" Insert Adapter (MPT x HB)
A3458	3/4" x 5/8" Insert Adapter (MPT x HB)
A34100	3/4" x 1" Insert Adapter (MPT x HB)
A100	1" Insert Adapter (MPT x HB)
A100114	1" x 1 1/4" Insert Adapter (MPT x HB)
A100-90°	1" Insert Adapter Elbow (MPT x HB)
A114	1 1/4" Insert Adapter (MPT x HB)
A114100	1 1/4" x 1" Insert Adapter (MPT x HB)
A114112	1 1/4" x 1 1/2" Insert Adapter (MPT x HB)
A114-90°	1 1/4" Insert Adapter Elbow (MPT x HB)
A112	1 1/2" Insert Adapter (MPT x HB)
A112-90°	1 1/2" Insert Adapter Elbow (MPT x HB)
A112114	1 1/2" x 1 1/4" Insert Adapter (MPT x HB)
A112114-90°	1 1/2" x 1 1/4" Insert Adapter Elbow (MPT x HB)
A200	2" Insert Adapter (MPT x HB)
A200112	2" x 1 1/2" Insert Adapter (MPT x HB)
A300	3" Insert Adapter (MPT x HB)
HM038	3/8" Barbed Hose Mender (HB x HB)
HM050	1/2" Barbed Hose Mender (HB x HB)
HM050-38	1/2" x 3/8" Barbed Hose Mender (HB x HB)
HM050-58	1/2" x 5/8" Barbed Hose Mender (HB x HB)
HM075	3/4" Barbed Hose Mender (HB x HB)
HM100	1" Barbed Hose Mender (HB x HB)
HM125	1 1/4" Barbed Hose Mender (HB x HB)
HM150	1 1/2" Barbed Hose Mender (HB x HB)
HM200	2" Barbed Hose Mender (HB x HB)



BS075



SE14



EL034



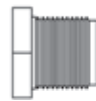
LL100



NIP100-SH



FC100



PLUG075



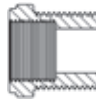
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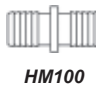
QCM100M



QCF100F



RB100-075



HM100

Prod#	Description
SE14	1/2" Elbow (FPT x MPT)
EL038	3/8" Elbow (HB x HB)
EL012	1/2" Elbow (HB x HB)
EL058	5/8" Elbow (HB x HB)
EL034	3/4" Elbow (HB x HB)
EL100	1" Elbow (HB x HB)
LL34	3/4" Elbow (FPT x FPT)
LL100	1" Elbow (FPT x FPT)
NIP025-SH	1/4" Nipple (MPT x MPT)
NIP038-SH	3/8" Nipple (MPT x MPT)
NIP050-SH	1/2" Nipple (MPT x MPT)
NIP075-SH	3/4" Nipple (MPT x MPT)
NIP100-SH	1" Nipple (MPT x MPT)
NIP125-SH	1 1/4" Nipple (MPT x MPT)
NIP150-SH	1 1/2" Nipple (MPT x MPT)
NIP200-SH	2" Nipple (MPT x MPT)
NIP300-SH	3" Nipple (MPT x MPT)
PLUG025	1/4" MPT Plug
PLUG038	3/8" MPT Plug
PLUG050	1/2" MPT Plug
PLUG075	3/4" MPT Plug
PLUG100	1" MPT Plug
QCF100F	1" Quick Connect (Female adapter x FPT)
QCF112F	1 1/2" Quick Connect (Female adapter x FPT)
QCF200F	2" Quick Connect (Female adapter x FPT)
QCF300F	3" Quick Connect (Female adapter x FPT)
QCF400F	4" Quick Connect (Female adapter x FPT)
QCM100F	1" Quick Connect (Male adapter x FPT)
QCM100M	1" Quick Connect (Male adapter x MPT)
QCM112F	1 1/2" Quick Connect (Male adapter x FPT)
QCM112M	1 1/2" Quick Connect (Male adapter x MPT)
QCM200F	2" Quick Connect (Male adapter x FPT)
QCM200M	2" Quick Connect (Male adapter x MPT)
QCM300F	3" Quick Connect (Male adapter x FPT)
QCM300M	3" Quick Connect (Male adapter x MPT)
QCM400F	4" Quick Connect (Male adapter x FPT)
RB038-025	3/8" x 1/4" Reducing Bushing (MPT x FPT)
RB050-025	1/2" x 1/4" Reducing Bushing (MPT x FPT)
RB050-038	1/2" x 3/8" Reducing Bushing (MPT x FPT)
RB075-050	3/4" x 1/2" Reducing Bushing (MPT x FPT)
RB100-050	1" x 1/2" Reducing Bushing (MPT x FPT)
RB100-075	1" x 3/4" Reducing Bushing (MPT x FPT)
RB125-100	1 1/4" x 1" Reducing Bushing (MPT x FPT)
RB150-075	1 1/2" x 3/4" Reducing Bushing (MPT x FPT)
RB150-100	1 1/2" x 1" Reducing Bushing (MPT x FPT)
RB150-125	1 1/2" x 1 1/4" Reducing Bushing (MPT x FPT)
RB200-150	2" x 1 1/2" Reducing Bushing (MPT x FPT)
RB300-200	3" x 2" Reducing Bushing (MPT x FPT)
RB400-300	4" x 3" Reducing Bushing (MPT x FPT)
RC150-125	1 1/2" x 1 1/4" Reducing Coupling (FPT x FPT)
RC200-150	2" x 1 1/2" Reducing Coupling (FPT x FPT)
RC300-200	3" x 2" Reducing Coupling (FPT x FPT)
RN050-038	1/2" x 3/8" Reducer Nipple (MPT x MPT)
RN075-050	3/4" x 1/2" Reducer Nipple (MPT x MPT)
RN100-050	1" x 1/2" Reducer Nipple (MPT x MPT)
RN100-075	1" x 3/4" Reducer Nipple (MPT x MPT)
RN125-075	1 1/4" x 3/4" Reducer Nipple (MPT x MPT)
RN125-100	1 1/4" x 1" Reducer Nipple (MPT x MPT)

*We stock as many black PVC fittings as possible.
We stock Spears fittings because of the extended
throat on their fittings.*

Many other fittings are available; please ask us about any fitting you do not see listed.

Prod#	Description
RN150-100	1½" x 1" Reducer Nipple (MPT x MPT)
RN150-125	1½" x 1¼" Reducer Nipple (MPT x MPT)
RN200-125	2" x 1¼" Reducer Nipple (MPT x MPT)
RN200-150	2" x 1½" Reducer Nipple (MPT x MPT)
RN300-200	3" x 2" Reducer Nipple (MPT x MPT)

T038	¾" Tee (HB x HB X HB)
T050	½" Tee (HB x HB X HB)
T075	¾" Tee (HB x HB X HB)
T100	1" Tee (HB x HB X HB)
T125	1¼" Tee (HB x HB X HB)
T150	1½" Tee (HB x HB X HB)

TF050	½" Bulkhead Fitting w/ EPDM Gasket
TF075	¾" Bulkhead Fitting w/ EPDM Gasket
TF100	1" Bulkhead Fitting w/ EPDM Gasket
TF125	1¼" Bulkhead Fitting w/ EPDM Gasket
TF150	1½" Bulkhead Fitting w/ EPDM Gasket
TF200	2" Bulkhead Fitting w/ EPDM Gasket
TF300	3" Bulkhead Fitting w/ EPDM Gasket
TF150SL	1½" Bulkhead Fitting (Slip x Slip)
TF200SL	2" Bulkhead Fitting (Slip x Slip)

TM075 -050 Manifold - 8 station

TT025	¼" FPT Tee (FPT x FPT x FPT)
TT050	½" FPT Tee (FPT x FPT x FPT)
TT075	¾" FPT Tee (FPT x FPT x FPT)
TT100	1" FPT Tee (FPT x FPT x FPT)

PVC FITTINGS

3WaySL112	3-Way PVC Valve - 1½" (sl x sl xsl)
3WaySL200	3-Way PVC Valve - 2" (sl x sl xsl)

BVSL100	1" Slip Ball Valve (SLP x SLP)
BVSL150	1½" Slip Ball Valve (SLP x SLP)
BVSL200	2" Slip Ball Valve (SLP x SLP)
BVSL300	3" Slip Ball Valve (SLP x SLP)
BVTH075	¾" Threaded Ball Valve (FPT x FPT)
BVTH100	1" Threaded Ball Valve (FPT x FPT)
BVTH125	1¼" Threaded Ball Valve (FPT x FPT)
BVTH150	1½" Threaded Ball Valve (FPT x FPT)
BVTH200	2" Threaded Ball Valve (FPT x FPT)

FPTCPLG034	¾" PVC Threaded Coupling (FPT x FPT)
FPTCPLG100	1" Threaded Coupling (FPT x FPT)
FPTCPLG125	1¼" PVC Threaded Coupling (FPT x FPT)
FPTCPLG300	3" PVC Threaded Coupling (FPT x FPT)

FPTSL100	1" Female Adapter (SLP x FPT)
FPTSL112	1½" Female Adapter (SLP x FPT)
FPTSL200	2" Female Adapter (SLP x FPT)
FPTSL300	3" Female Adapter (SLP x FPT)

LSL150	1½" Elbow (SLP x SLP)
LSL150-FPT150	1½" Elbow (SLP x FPT)
LSL150-MPT150	1½" Elbow (SLP x MPT)
LSL200	2" Elbow (SLP x SLP)
LSL200-FPT200	2" Elbow (SLP x FPT)
LSL200-MPT200	2" Elbow (SLP x MPT)
LSL300	3" Elbow (SLP x SLP)



RN100-050



T100



RSL300-SL200



RSPG200-SL200



TF100



SCVFPT100



SL100



TT100



BVSL100



BVTH100



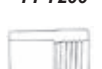
SOC200



YSL200



TSL200-FPT200



FPTSL100



LSL200



LSL200-FPT200

Prod#	Description
MPTSL100	1" Male Adapter (SLP x MPT)
MPTSL112	1½" Male Adapter (SLP x MPT)
MPTSL200	2" Male Adapter (SLP x MPT)
MPTSL300	3" Male Adapter (SLP x MPT)

RFTPSL075-100	¾" x 1" Reducing adapter (FPT x slip)
RMPT125-SL150	1¼" x 1½" Reducing Adapter (MPT x SLP)
RMPT150-SL200	1½" x 2" Reducing Adapter (MPT x SLP)
RSL150-SL100	1½" x 1" Reducing Coupling (SLP x SLP)
RSL200-SL150	2" x 1½" Reducing Coupling (SLP x SLP)
RSL300-SL200	3" x 2" Reducing Coupling (SLP x SLP)

RSPG200-SL50	2" x ½" Reducing Bushing Flush Mount (SPG x SLP)
RSPG200-SL100	2" x 1" Reducing Bushing Flush Mount (SPG x SLP)
RSPG200-SL150	2" x 1½" Reducing Bushing Flush Mount (SPG x SLP)
RSPG300-SL200	3" x 2" Reducing Bushing Flush Mount (SPG x SLP)
RTSL200-SL100	2" x 1" Reducing Tee (SLP x SLP x SLP)

SCVFPT100	1" Threaded Swing Check Valve (FPT x FPT)
SCVFPT112	1½" Threaded Swing Check Valve (FPT x FPT)
SCVSL100	1" Slip Swing Check Valve (SLP x SLP)
SCVSL112	1½" Slip Swing Check Valve (SLP x SLP)
SCVSL114	1¼" Slip Swing Check Valve (SLP x SLP)
SCVSL200	2" Slip Swing Check Valve (SLP x SLP)
SCVSL300	3" Slip Swing Check Valve (SLP x SLP)

SL100	1" Coupling (SLP x SLP)
SL112	1½" Coupling (SLP x SLP)
SL200	2" Coupling (SLP x SLP)
SL300	3" Coupling (SLP x SLP)

SOC112	1½" Union with Buna-N O Ring Seal (SLP x SLP)
SOC200	2" Union with Buna-N O Ring Seal (SLP x SLP)
SOC300	3" Union with Buna-N O Ring Seal (SLP x SLP)

TSL150	1½" PVC Tee (SLP x SLP x SLP)
TSL200	2" PVC Tee (SLP x SLP x SLP)
TSL200-FPT200	2" Slip-FPT Tee (SLP x FPT x SLP)

YSL150	1½" WYE (SLP x SLP x SLP)
YSL200	2" WYE (SLP x SLP x SLP)
YSL300	3" WYE (SLP x SLP x SLP)

HOSE CLAMPS

CYP1710	½" Winged Hose Clamps (2 per unit)
CYP1711	¾" Winged Hose Clamps (2 per unit)
CYP1714	1½" Winged Hose Clamps (2 per unit)

WC01438	¼" to ⅜" Wing Clamp
WC03812	⅜" to ½" Wing Clamp
WC058100	⅝" to 1" Wing Clamp
WC1001122	1" to 1½" Wing Clamp
WC112200	1½" - 2" Wing Clamp



HOSE CLAMPS

RUBBER COUPLINGS

Heavy duty rubber couplings for joining PVC pipes and flexible PVC pipes together. Stainless steel clamps on each end forms a watertight seal

EPRC150	1½" Rubber Coupling
EPRC200	2" Rubber Coupling
EPRC300	3" Rubber Coupling



MAGNETIC-DRIVE UTILITY PUMPS

- Magnetic Drive Utility Pumps are made to run continuously, without seals to wear out. Highly ENERGY EFFICIENT
- Environmentally Friendly-being filled with epoxy NOT oil therefore it cannot leak into the pond

- ALL Pondmaster Pumps are suitable for statuary, fountains, ponds, and/or aquariums
- Foam pre-filter included
- 18' grounded power cord
- Three Year Warranty



ITEM#	MAX. OUTPUT GPH	FLOW IN GPH AT FEET OF TOTAL DYNAMIC HEAD (3" PIPE)							WATTS 0'	HEAD (FT.)	inlet/ outlet
		GPH									
		0'	1'	3'	5'	7'	10'	15'			
PMMag1	80		42						6	2.5	3/8" or 1/2" hose
PMMag1.9	190		174	143	93	36			19	7	3/8" or 1/2" hose
PMMag2	250	360	270	204	78	-	-	-	24	7	1/2" NPT
PMMag3	350	480	404	335	270	170	-	-	35	10.5	1/2" NPT
PMMag5	500	570	480	425	325	205	-	-	45	10.5	1/2" NPT
PMMag7	700	640	528	460	390	290	90	-	60	11.65	1/2" NPT
PMMag9.5	950	975	780	740	685	610	450	-	93	12.85	3/4" NPT
PMMag12	1200	1200	972	880	800	715	580	-	110	13.5	3/4" NPT
PMMag18	1800	1500	1325	1200	1100	1050	875	575	145	16.85	3/4" NPT
PMMag24	2400	2175	1908	1710	1630	1345	1100	720	265	18	1" NPT

PROLINE HY-DRIVE PUMPS

Submersible/Inline Pumps for Water Gardens and Ponds

The Pondmaster Pro HY-Drive pumps are high capacity pumps that have been specifically designed for use in large pond installations. HY-Drive design combines magnetic and direct drive technologies to deliver an extremely quiet, energy efficient, low maintenance pumping source. With seven models delivering up to 6000 GPH, these pumps create a dynamic waterfall while going easy on your wattage and will drive the largest skimmer for massive flow with minimal electrical consumption. The heavy-duty polypropylene enclosure has a built-in carry handle and molded in debris screen.

FEATURES

- Hybrid Magnetic/ Drive Motor
- Reliable Ceramic Bearings
- 316 Stainless Steel Rotor
- Energy Efficient
- can be positioned vertically or horizontally
- can be used fully submerged in water or inline when removed from filter case
- Specifically Designed For Use With Skimmers, Waterfalls, And Aquariums.
- No Oil Used Making It Fish Safe.
- Continuous Duty Operation
- Extra Long 20' Power Cord With Grounded Plug
- 2 YEAR WARRANTY



Stainless Steel Rotor

PONDMASTER HY-DRIVE PUMP



PMHD66 - HY-DRIVE 6600 GPH W/ROTATING CONNECTOR

- Maximum Flow: 6600
- Amps/Watts: 4.94 A/593 Watts
- 6625 gph @ 0'
- 4325 gph @ 10'
- Shutoff: 30.5'
- Cord Length: 18'
- Can be used submerged or in-line
- 1-1/2" male threaded inlet and outlets
- Comes with full fitting set
- 3 YEAR LIMITED WARRANTY

ITEM#	HY-DRIVE MODEL	AMPS	WATTS 0'	GPH AT 0'	GPH AT 1'	GPH AT 3'	GPH AT 5'	GPH AT 7'	GPH AT 10'	GPH AT 15'	GPH AT 20'	GPH AT 25'	SHUTOFF Head (ft.)	SHUTOFF Watts
PMPHD16	1600	1.0	125	1800	1750	1625	1450	1300	1050	425	-	-	17'	110
PMPHD21	2100	1.5	192	2125	2075	1900	1750	1600	1300	850	300	-	22.5'	142
PMPHD26	2600	2.2	275	2700	2550	2525	2450	2225	1975	1625	1250	300	26.5'	220
PMPHD32	3200	1.6	210	3500	3300	2700	2050	1650	650	-	-	-	12'	194
PMPHD40	4000	1.9	240	4300	4000	3300	2700	2350	1475	-	-	-	13'	225
PMPHD48	4800	2.0	270	5100	5000	4500	3900	3150	2350	800	-	-	18.5'	245
PMPHD60	6000	5.5	690	5700	5500	5100	4700	4200	3400	2450	1150	-	22.5'	550
PMHD66	6600	4.94	593	6625					4325				30.5'	

PONDMASTER PONDMASTER POND KITS

A GREAT WAY TO START THE EXCITEMENT OF WATER GARDENING!

Offered as the easy and practical way to encourage sales by matching pumps with filters and including fountain heads with tubing and fittings where necessary. Can be used with rigid or flexible liners.

PMK1250

Suitable for ponds up to 600 Gallons

- 250 GPH pump
- Deluxe Filter System (PM)
- Bell and Adjustable Fountain Heads
- Tubing & Fittings
- Mechanical & Biological and Chemical Filtration



PMK1500

Same as PMK1250 but with a 500 GPH pump
Suitable for ponds up to 1,000 gallons

PMK0190

- 190 GPH Pump
- Suitable For Small Ponds and Containers
- Bell Fountain Head
- Mechanical and Biological Filtration

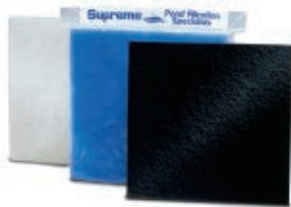


REPLACEMENT FILTER PADS

PMRM01 - Polyester Filter Pads
(3 pk. Blue) – 12" x 12"

PMRP03 - Carbon Filter Pads
12" x 12"

PMRP04 - Coarse Polyester
Filter Pads – 12" x 12"



PONDMASTER NOZZLES & DIVERTER VALVES

NOZZLES

PMFH77 - Adjustable Multi-tier Nozzle w/ Stem
Suitable for Pondmaster 190-700 GPH pumps

- Three distinct adjustable patterns, high and Low Fleur-de-lis, and Lotus design
- Pump adapter and two 7" extensions included

PMFH88 - Large Bell Shaped Nozzle w/ Stem
Suitable for Pondmaster 250-700 GPH pumps

- Large adjustable bell shape (mushroom) pattern
- Includes pump adapter and two 7" extensions

PMFH89 - Small Bell Shaped Nozzle
Suitable for Pondmaster 80-190 GPH pumps

- Small adjustable bell (mushroom) pattern
- Includes two 7" extensions

PMFH95 - Bubbler Nozzle
Suitable for Pondmaster 950-2400 GPH pumps

- Large adjustable bubbling/foaming fountain head
- Includes 2 PVC extension stems with 3/4" pipe threads, and 2 couplings with 3/4" pipe threads

PMFH99 - Extension Tube for Bubbler
For raising the Bubbler Nozzle

- Includes 2 PVC extension stems with 3/4" pipe threads, and 1 coupling with 3/4" pipe threads that are used to raise fountain head

DIVERTER VALVE

PMDV99 - Diverter Valve - Use with Pond-Mag2 through Pond-Mag7

PMDV34 - Diverter Valve - Use with Pond-Mag9.5 through Pond-Mag18



PUMP PRE-FILTER BOXES

PMFB1000 -
Pondmaster 1000 Filter Box

Suitable For Small to Medium Ponds
12" x 12" Filter Box with Locking Handle



Carbon and Polyester Media for Mechanical/Biological/Chemical Filtration Connects to Intake Side of Pump Complete with 3/4" I.D. Tubing and Fittings Connect More than One to a Pump For in Pond Use Only



PMFB2000 - Pondmaster 2000 Filter Box

Suitable For Medium to Large Ponds
12" x 24" Filter Box with Carrying Handle Polyester and Biological Foam Inserts. Suitable to Hold Other Biological Media. Connects to Intake Side of Pump. Complete with 1" I.D. Tubing and Fittings. Connect More than One to a Pump. For in Pond Use Only.



REPLACEMENT IMPELLERS

PMImp 1 - Impeller/ Mag for MD1

PMImp 1.9 - Impeller/ Mag for MD 1.9

PMImp 2 - Impeller/ Mag for MD 2 or PM 2

PMImp 3 - 5 - Impeller/ Mag for MD 3, PM 3, MD 5 or PM 5

PMImp 7 - Impeller/ Mag for MD 7 or PM 7

PMImp 9.5 - Impeller/ Mag for MD 9.5 or PM 9.5

PMImp 12 - Impeller/ Mag for MD 12 or PM 12

PMImp 18 - Impeller/ Mag for MD 18 or PM 18

PMImp 24 - Impeller/ Mag for MD 24 or PM 24

PRE-FILTERS FOR POND-MAG PUMPS

SMALL PRE-FILTER FOAM

PMRPF2-7FSm - Small Pre-Filter
Foam Fits Pond-Mag2-7



LARGE PRE-FILTER FOAM

PMRPF2-7Lg - PMPF85 - Large
Pre-filter Foam Fits Pond-Mag2-7

PMRPF9.5-18F - PMPF9.5 - Pre-filter Foam Fits
Pond-Mag9.5-18

RIGID PRE FILTERS

PMRPF9.5 - 36R - PMPFW9 - Rigid Washable Pre-filter
Fits Pond-Mag9.5-36

PMRPF2-18B - Rigid Barrel Pre-Filter PM 2-18

CLEARGUARD PRESSURE FILTERS

The Clearguard Pressure Filter from PondMaster offers great filtration at an affordable price for ponds up to 16,000 gallons. Filters have a built in UV and come in 4 different sizes. They may be special ordered without the UV.

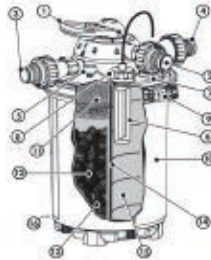
7 key functions of the Clearguard Filter:

- Filter
- Backwash
- Winterize
- Circulate
- Rinse
- Empty
- Close

FEATURES

- Reusable Pad Removes Fine Debris and polishes Water Fast!
- Biological filter media provides surface area for the growth of beneficial bacteria
- Includes both Slip and barbed Fittings
- Use with the Clearguard backwash Air Kit for the Ultimate backwash performance!

1. 7-Position Valve Selector (Filter, Backwash, Rinse, Winterize, Circulate, Closed, Empty)
2. Inlet
3. Waste
4. Outlet
5. Pressure Gauge
6. UV Bulb/Quartz Sleeve (UV MODELS ONLY)
7. Access Cap
8. UV Bulb/Quartz Sleeve Access Cap



9. Heavy-Duty Lid Clamp with Knob
10. Filter Drum
11. Mechanical Filter Pad
12. BioMatrix™ Biological Media/Filter Base Plate (Not shown)
13. Water Chamber Divider
14. Clean Water Chamber
15. Bottom Drain /Access for Backwash Air Kit (Not shown)

MPPF.CG02.7UV - Clearguard Model 2.7

Clearguard Filter 2700 with 9W UV 2700 Gallon Capacity, with UV Light

Fittings: 1/2" Slip & Barb

Recommended Water Pumps: up to 3000 GPH

Maximum Pressure: 15 PSI



MPPF.CG05.5UV - Clearguard Model 5.5

Clearguard Filter 5500 with 18W UV 5500 Gallon Capacity, with UV Light

Fittings: 1/2" & 2" Slip & Barb

Recommended Water Pumps: up to 6000 GPH

Maximum Pressure: 15 PSI



MPPF.CG08UV - Clearguard Model 8

Clearguard Filter 8000 with 18W UV 8000 Gallon Capacity, with UV Light

Fittings: 1/2" & 2" Slip & Barb

Recommended Water Pumps: up to 8000 GPH

Maximum Pressure: 15 PSI



MPPF.CG16UV - Clearguard Model 16

Clearguard Filter 16000 with 2 18W UVs 16000 Gallon Capacity, with UV Light

Fittings: 3" Slip & Barb

Recommended Water Pumps: up to 9000 GPH

Maximum Pressure: 20 PSI



CLEARGUARD BACKWASH AIR KIT

Pondmaster Clearguard Backwash Air Kit uses forced air to create turbulence inside the Clearguard pressure filter to break up debris build-up that has clogged the filter media. The turbulence will release waste for more thorough backwashing. It should be used before running a backwash cycle on the pressure filter. The kit includes a 1/2" NPT x Barbed Elbow Fitting, 10' Vinyl hose, Inline Ball Valve, Hose Clamps and an Air Pump.

MPPF.CGAL - Clearguard Large Air Kit
for Pressurized Filter (use with Models 8 and 16)

MPPF.CGASm - Clearguard Small Air Kit
for Pressurized Filter (use with Models 2.7 and 5.5)

PONDMASTER PRESSURIZED FILTER SYSTEM

The Pondmaster pressurized Filter System features a unique, manually operated agitator for dislodging over 90% of the pond residue that accumulates in the filter chamber. This patent pending feature is employed during the backwash and rinse operation.

Available in 3 capacities, with or without an internally mounted, integrated UV filter light that eliminates green water.

FEATURES

- Agitator quickly unlocks waste from media saving the amount of water discharged during backwash and rinse cycles
- Unique, patent pending 3-way master valve with "filter", "rinse", and "backwash" settings
- Clear-vue inspection port to monitor water clarity during backwash/ rinse operation
- Positive pressure lock ring to ensure a tight water seal
- Bio-Matrix Media affords maximum surface area for beneficial bacteria growth
- Heavy Duty Poly Canister can be buried for hidden installation
- Integrated waterproof UV transformer
- Optional field - installed bottom drain available (not included)
- 1 1/2" Threaded fittings, ball valves for waste line and swivel fitting included



Do Not use with pumps capable of more than 20' Maximum Head

MPPF40 - P-4000 Pressurized Filter System

- For use with pumps of 1000-4000 GPH
- 5000 gallon capacity, without UV light

MPPF40UV - PUV-4000 Pressurized Filter System with UV

- System with UV For use with pumps of 1000- 3000 GPH
- 5000 gallon capacity, with UV light



MPPF20 - P-2000 Pressurized Filter System

- For use with pumps of 1000-2000 GPH
- 2000 gallon capacity, without UV light

MPPF20UV - PUV-2000 Pressurized Filter System with UV

- For use with pumps of 1000-2000 GPH
- 2000 gallon capacity, with UV light

MPPF10 - P-1000 Pressurized Filter System

- For use with pumps of 900-2000 GPH
- 1000 gallon capacity, without UV light

MPPF10UV - PUV-1000 Pressurized Filter System with UV

- For use with pumps of 900-1500 GPH
- 1000 gallon capacity, with UV light



MPPFCUV10 - Conversion/ Replacement UV for P-1000

MPPFCUV20 - Conversion/ Replacement UV for P-2000

MPPFCUV40 - Conversion/ Replacement UV for P-4000

MPPFBD - Bottom Drain Kit for Pressurized Filters

PONDMASTER

PONDMASTER ULTRAVIOLET CLARIFIERS

- SUBMERSIBLE ULTRAVIOLET CLARIFIERS can be used in or out of the water
- Glowing Halo RING immediately shows it's working
- Black color is designed to be unobtrusive
- Vortex flow exposes water longer to the ultraviolet light
- Slim diameter lamp allows water to get closer to UV rays
- Three different sizes available
- Water tight quartz sleeve
- Includes transformer and 18' grounded power cord



PMUVC10 - 10 watt Ultraviolet Clarifier

- Suitable for small pond up to 1500 gallons using pumps up to 700 GPH
- One glowing halo monitor ring
- 3/4" barbed fitting for inlet and outlet
- 10 watt long life lamp 9,000 hour, approx. 1 yr.

PMUVC20 - 20 watt Ultraviolet Clarifier

- Suitable for medium ponds up to 3,000 gallons with pumps up to 1800 GPH
- Two glowing halo monitor rings
- 1" barbed fitting for inlet and outlet
- 20 watt long life lamp 9,000 hour, approx. 1 yr.

PMUVC40-PMUVC40 - 40 watt Ultraviolet Clarifier

- Suitable for large ponds up to 6,000 gallons with pumps up to 3000 GPH
- Three glowing halo monitor rings
- 1 1/2" threaded fitting with 1-1/2" barbed elbow included
- 40 watt long life lamp 9,000 hour, approx. 1 yr.

SUMP PUMP

- General purpose de-watering pump
- Pumps 1440 Gallons per hour through 1" outlet
- Pumps 900 gallons per hour through 3/4" tubing
- Pumps 1920 gallons per hour through 1 1/4" tubing
- 24' max pumping height



PMUSP - Mainstream Utility Sump Pump

AIR PUMPS

The Pondmaster AP- Series air pumps have been designed to satisfy the requirements of a multitude of water-related applications; for instance, they oxygenate the water, promoting a healthier and cleaner aquatic environment. All AP-Series Air Pumps operate on 110v electric. The non-lubricated motor is designed to operate efficiently and save energy. When used outdoors, it is recommended that the unit be enclosed to protect it from the elements.

FEATURES

- Increases the breakdown of fish waste
- Preventing icing-over in outdoor ponds
- Driving protein skimmers
- Quiet Operation & Energy -Efficient Motor
- Single Outlet Discharge; Air distribution valve included
- High Volume with steady air flow
- 6' power cord
- 1 YEAR Limited Warranty

REPLACEMENT DIAPHRAGM KITS ARE AVAILABLE.



SPECIFICATIONS		
ITEM #	MODEL	Air VOLUME cu.in/min
PMAP20	AP-20	1700
PMAP40	AP-40	2900
PMAP60	AP-60	5500
PMAP100	AP-100	9150

PUMP GUARD WATER PUMPS MAINTENANCE SOLUTION

PumpGuard is safe for use with plastic, ceramic, rubber, PVC, titanium, copper, nickel, and short term use with stainless steel.

- Instantly loosens mineral scale, lime, rust, and other detritus from pond water pumps
- Keeps your water pump operating properly and efficiently
- Fast and easy to use
- Biodegradable



PMPG04 - 4 oz - 12/cs

PMPG32 - 32 oz - 6/cs



PMFPT - Floating Pond Thermometer
Monitor the temperature in your water feature
Easy to read – Calibrated in both F and C
Included tether helps to bring unit to waterside

Replacement Parts are Available For PondMaster Products, Please inquire.



PRESSURE FILTERS

- OA40348 - BioPress 1600 9 W UV Pressurized Filter**
- OA40346 - FiltoClear 3000 Pressurized Filter 18 W UV**
- OA56425 - FiltoClear 4000 Pressurized Filter 24 W UV**
- OA56435 - FiltoClear 8000 Pressurized Filter 55 W UV**

SPECS	BIOPRESS UVC 1600	FILTOCLEAR 3000	FILTOCLEAR 4000	FILTOCLEAR 8000
Dimensions	13.8 x 17.7 in.	15 x 20 in.	15 x 25 in.	15 x 30 in.
Operating Voltage	120V / 60 Hz			
Power Consumption	12 Watts	18 Watts	30 Watts	60 Watts
Power Cable Length	16 ft.	15 ft.		
Flow Rate	2000 GPH	Up to 2000 gph	Up to 3000 gph	Up to 4000 gph
Operating Pressure	7.25 psi / 17ft. of head			
UV Power	9 Watts	18W	24W	55W
Connections	1 1/2 in.		2 in.	
Tubing Connectors	1 1/2, 2 in. and Sch 40	.75, 1, 1.25, 1.5 in. and Sch 40	1.5, 2 in. and Sch 40	
Pond Size (no fish)	1600 Gallons	Up to 3000 gal	Up to 4200 gal	Up to 7900 gal
Pond Size (small fish)	800 Gallons	up to 1500 gal	gal up to 2100 gal	up to 3950 gal
Pond Size (Koi)	400 Gallons	up to 750	up to 1000	up to 2000
Warranty	2 Years			



BioPress 1600



FiltoClear 3000



FiltoClear 4000



FiltoClear 8000



AERATION



OA50041 - Aquaoxy Air Injection Pump - 3.6 psi

Includes two air stones, connection tubing, an outdoor safety transformer and replacement membranes

- Effective Pond Size: up to 5000 gal.
- Air Injection: 450 GPH
- Output Pressure: 3.6 psi
- Connection Tubing Length: 15 ft. (2x)
- Power Cable Length: 15 ft.
- Power Consumption: 25W
- Power Requirement: 110-120V / 60Hz
- Regulatory Listing (Transformer): CSA (Canada, US)
- Dimensions (L x W x H): 8.9 x 8.8 x 5.3 in.
- Air Tubes (Qty/Length/Dia): 2 pieces/16 ft./4.5 mm
- Air Outlets: 2
- Air Stones: 2



OA51075 - OxyTex Underwater Air Diffuser

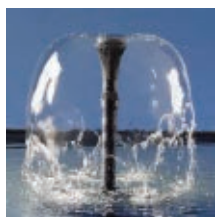
The OxyTex Air Diffuser, in combination with an air pump (such as the OASE AquaOxy), disperses air even more finely for optimized gas exchange. In addition, the grass-like fiber structure provides a habitat for beneficial micro-organisms that improve filtration efficiency and contribute to a healthy pond environment.

- Effective Pond Surface: up to 32 sq.ft.
- Air Injection Capacity: up to 250 GPH
- Max. Input Pressure: 6 psi
- Min. Installation Depth: 18 in.
- Tubing Length: 20 ft.
- Limited Warranty: 2 Years
- Max Recommended Pond Volume: up to 5000 gal
- Dimensions (Dia x H): 9 x 12 in.
- Air Tubes (Qty/Length/Dia): 1 piece/16 ft./4.5 m

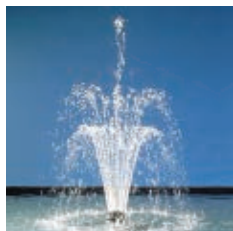
CAN BE USED WITH THE OASE PONDJET FLOATING FOUNTAIN (see page 29)



1" Frothy Nozzle



1" Bell Nozzle
Shown with nozzle extension



1" Vulcan Nozzle



Y Diverter 1 1/2" Fitting

OA53224 - 1" Frothy Nozzle

OA55882 - 1" Blossom Nozzle/ 1" Vulcan Nozzle

OA55881 - 1" Bell Nozzle/ 1" Lava Nozzle

OA53227 - 1" Nozzle Extension

OA51261 - Y Diverter 1 1/2" Fitting

A flow-optimized Y-Distributor for operating multiple pumps with a single filter or for distributing the flow from one pump to multiple water outlets. Flow distribution can be individually regulated which is important for applications with region specific demands. Comes with adapters for non-kink spiral tubing up to 2 inches.

- Max Flow Rate: 6000 GPH
- Dimensions: 7.5 x 4.5 x 5 in.
- Threaded Connection: 2 inch (x1) 1 1/2 inch (x2)

Recommended for use with all pumps



Discover the Difference



SCUPPERS

Stainless Steel Scuppers constructed of durable 304 stainless steel and available in 3 sizes, these sleek modern Scuppers put a sharp, fresh shine on your formal water feature project.

Scupper Features:

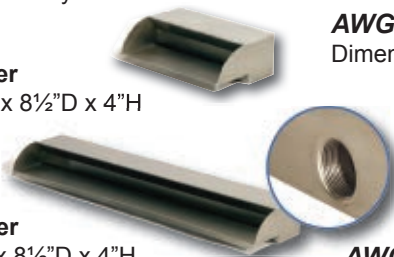
- 5" lip extension
- Inlet: 1 1/2" FIPT
- Fully welded enclosure
- 304 Stainless steel
- 1-year warranty

AWGSS12 - 12" Stainless Steel Scupper

Flow Rate: 1,200 gph • Dimensions: 12"W x 8 1/2"D x 4"H

AWGSS24 - 24" Stainless Steel Scupper

Flow Rate: 2,400 gph • Dimensions: 24"W x 8 1/2"D x 4"H



AWGWSM-S - Mantova Wall Spout

Dimensions: 5"W x 4 3/4"D x 5"H



AWGWSR-S - Ravenna Wall Spout

Dimensions: 5"W x 5 3/4"D x 5"H

WALL SPOUTS

- Solid brass fixtures with oil rubbed bronze finish
- 1 1/2" inlet for smooth water flow
- Integrated drip edge to eliminate backflow down the wall
- Includes grounding lug for bonded systems

Recommend Flow : 600 gph

Projection: 14-16" at 18" & 600 gph

SPLASH RINGS

Stainless Steel Splash Rings tame errant droplets and complement formal spillways, with 304 Stainless mesh and sides so all you see is polished steel.

AWFCFSR12 - Stainless Steel Splash Ring

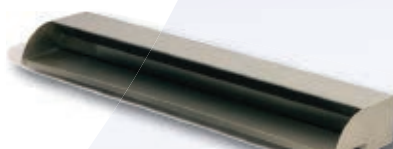
Dimensions: 16"W x 8"D x 1 1/2"H

AWG CFSR24 - Stainless Steel Splash Ring

Dimensions: 28"W x 8"D x 1 1/2"H

AWGCFSR36 - Stainless Steel Splash Ring

Dimensions: 40"W x 8"D x 1 1/2"H



AWGSS36 - 36" Stainless Steel Scupper

Flow Rate: 3,600 gph • Dimensions: 36"W x 8 1/2"D x 4"H



COLORFALLS - Lighted Waterfalls

- 12 volts
- 10 watts
- 1 1/4" inch FPT inlet (back center)
- 30 ft power cord
- Outdoor transformer

AWGCF12W - 12 inch White Colorfalls

- 12 inch Colorfalls with White LED
- Dimensions: 12" wide x 8" deep x 3 1/2" high
- Recommended flow rate: 1,000 gph

AWGCF24W - 24 inch White Colorfalls

- 24 inch Colorfalls with White LED
- Dimensions: 24" wide x 8" deep x 3 1/2" high
- Recommended flow rate: 2,000 gph

AWGCF36W - 36 inch White Colorfalls

- 36 inch Colorfalls with White LED
- Dimensions: 36" wide x 8" deep x 3 1/2" high
- Recommended flow rate: 3,000 gph



Inventoried in White, but Colored or Color Changing is available upon request.

FastFalls Features:

1. Molded support cones give the Pro FastFalls their incredible strength and also help diffuse the water flow.
2. Two internal baffles slow down the water's velocity and ensure even water distribution across the spillway.
3. Raised front radius holds back any loose gravel, soil or mulch used to camouflage the top of the unit.
4. Pro FastFalls are completely sealed except for the spillway opening. This design eliminates any chance of leakage due to 'over pumping'.
5. Molded gussets support the spillway lip.
6. Pro FastFalls come with an installed 2" or 3" FIPT Spinweld® fitting.
7. One-piece liner flange and molded-in inserts ensure a watertight liner attachment every time.



FASTFALLS

AWGSP3800 - Big Bahama Fast Falls Spillway 36"

Dimensions:
 39 1/2"W x 17"D x 10 1/4"H
 Waterfall Width: 38"
 Max Pump Flow: 9,000 gph
 Bulkhead: 3" FIPT



FILTERFALLS

- Extra wide spillway enhances the waterfall and aerates the water.
- Designed to be camouflaged with natural materials and plants.
- Extra large container holds more bacteria for a cleaner pond.
- Open swirl chamber means water flows evenly and efficiently through filter pad and media.
- Container is ruggedly built from high molecular weight polyethylene (HMWPE) and warranted for life.
- Three separate filtering actions for super clean water.
- Usually requires only annual cleaning.
- Comes with FIPT bulkhead fitting, removable grate, media bag(s) and filter pad.

AWGBF1000 - Filterfall 1000

Waterfall Width: 14" Opening
 Max Pump Flow: 2400 gph
 Includes: 1 1/2" Bulkhead, Grate, Media Bag, Filter Mat



AWGBF1500 - Filterfall 1500

Waterfall Width: 20 1/2" Opening
 Max Pump Flow: 4000 gph
 Includes: 1 1/2" Bulkhead, Grate, Media Bags, Filter Mat



AWGBF2600 - Filterfall 2600

Waterfall Width: 26" Opening
 Max Pump Flow: 6000 gph
 Includes: 2" Bulkhead, Grate, Media Bags with Bio-Tech Media, Dual Filter Mat, Filter Grate



AWGBF3800 - Filterfall 3800

Waterfall Width: 38" Opening
 Max Pump Flow: 8000 gph
 Includes: 3" Bulkhead, Grate, Media Bags with Bio-Tech Media, Dual Filter Mat, Filter Grate



AWGTRION2 - Triton Ionizer

- Low maintenance
- Clears water without the use of harsh chemicals
- Level of mineralization is controlled by the LED panel
- Treats Ponds up to 25,000 gallons
- Easily installed in any new or existing water feature
- Electrodes are easily replaced without tools

MD SERIES PUMPS

TidalWave Magnetic Induction Pumps are the perfect choice for the small water feature with low head heights.

1. Oversized male threaded inlet and outlet for less restriction and greater flow
2. Rotating volute provides maximum adaptability for any installation
3. Half twist volute provides access to the impeller assembly without the use of tools
4. Large, stable base is removable for added versatility
5. Removable pre-filter provides increased surface area and reduces maintenance
6. Tapered outlet fittings accept a wide array of tubing sizes
7. 20' Power Cord
8. 5 year Warranty

AWGMD250

Inlet: 1" MIPT Outlet: 3/4" MIPT
Dimensions: 4 1/2"L x 3 1/2"W x 5"H
Includes: 3/4" - 1" outlet fitting

AWGMD350

Inlet: 1" MIPT Outlet: 3/4" MIPT
Dimensions: 4 1/2"L x 3 1/2"W x 5"H
Includes: 3/4" - 1" outlet fitting

AWGMD550

Inlet: 1" MIPT Outlet: 3/4" MIPT
Dimensions: 4 1/2"L x 3 1/2"W x 5"H
Includes: 3/4" - 1" outlet fitting

AWGMD750

Inlet: 1" MIPT Outlet: 3/4" MIPT
Dimensions: 4 1/2"L x 3 1/2"W x 5"H
Includes: 3/4" - 1" outlet fitting

AWGMD1000

Inlet: 1 1/2" MIPT Outlet: 1" MIPT
Dimensions: 5 1/2"L x 4 1/4"W x 5 1/2"H
Includes: 1" - 1 1/2" outlet fitting

AWGMD1250

Inlet: 1 1/2" MIPT Outlet: 1" MIPT
Dimensions: 5 1/2"L x 4 1/4"W x 5 1/2"H
Includes: 1" - 1 1/2" outlet fitting

AWGMD1500

Inlet: 1 1/2" MIPT Outlet: 1" MIPT
Dimensions: 6"L x 4 3/4"W x 6"H
Includes: 1" - 1 1/2" outlet fitting

AWGMD2000

Inlet: 1 1/2" MIPT Outlet: 1" MIPT
Dimensions: 6"L x 4 3/4"W x 6"H
Includes: 1" - 1 1/2" outlet fitting



Model#	Watts	Max	5'	10'	15'	20'	25'
MD250	15	300					
MD350	25	370	145				
MD550	40	650	385				
MD750	50	790	465				
MD1000	90	1080	785	275			
MD1250	120	1330	1040	580			
MD1500	165	1560	1255	780			
MD2000	250	2010	1695	1320	695		

■ Recommended Operating Range
 ■ Best Efficiency Point
 ■ Do Not Operate Range

TELESCOPING FOUNTAIN HEAD

Includes: Telescoping diverter w/ 4 interchangeable fountain heads

AWGMDFH2575 - Small

Min Height: 12" • Max Height: 18"
Inlet: 1/2" FIPT • Outlet: 1/2" FIPT

AWGMDFH1020 - Large

Min Height: 15" • Max Height: 22"
Inlet: 1" FIPT • Outlet: 1" FIPT



TT SERIES PUMPS

TidalWave3 Asynchronous Pumps are the perfect choice for all high flow, medium head applications

1. Large threaded inlet and outlet for less restriction and greater flows.
2. Quarter-turn volute provides access to impeller without the use of tools.
3. Heavy-duty pre-filter locks in place. Large openings and increased surface area resist clogging.
4. Three vane hybrid impeller improves flows and passes solids easily.
5. Additional perforations in handle provide greater surface area.
6. Energy efficient asynchronous motor is up to 30% more efficient than the competition.
7. 20' power cord
8. 3 year Warranty

AWGTT1500

Volts: 115 Amps: 0.88
Watts: 101
Inlet: 1 1/2" MIPT
Outlet: 1 1/2" MIPT / FIPT
Dimensions: 8"L x 5 1/4"W x 6 1/4"H

AWGTT2000

Volts: 115 Amps: 1.0
Watts: 115
Inlet: 1 1/2" MIPT
Outlet: 1 1/2" MIPT / FIPT
Dimensions: 8"L x 5 1/4"W x 6 1/4"H

AWGTT3000

Volts: 115 Amps: 1.5
Watts: 173
Inlet: 1 1/2" MIPT
Outlet: 1 1/2" MIPT / FIPT
Dimensions: 8"L x 5 1/4"W x 6 1/4"H

AWGTT4000

Volts: 115 Amps: 2.0
Watts: 230
Inlet: 1 1/2" MIPT
Outlet: 1 1/2" FIPT

AWGTT5000

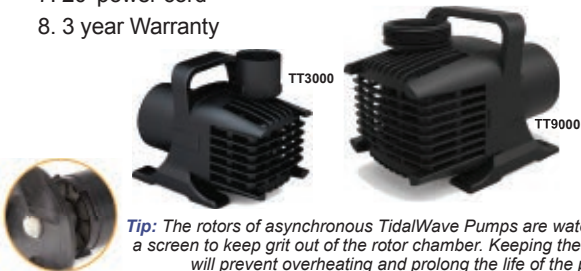
Volts: 115 Amps: 2.7
Watts: 310
Inlet: 2" MIPT
Outlet: 2" FIPT
Dimensions: 9 1/4"L x 6"W x 7"H

AWGTT6000

Volts: 115 Amps: 2.9
Watts: 339
Inlet: 2" MIPT
Outlet: 2" FIPT
Dimensions: 9 1/4"L x 6"W x 7"H

AWGTT9000

Volts: 115 Amps: 5.1
Watts: 587
Inlet: 2" MIPT
Outlet: 2" FIPT / 3" MIPT
Dimensions: 11"L x 7 1/4"W x 8"H



Tip: The rotors of asynchronous TidalWave Pumps are water cooled, with a screen to keep grit out of the rotor chamber. Keeping the screen clean will prevent overheating and prolong the life of the pump.

Model #	Watts	Max	5'	10'	15'	20'	25'	30'
TT1500	101	1640	1060	350				
TT2000	115	2640	1760	715				
TT3000	173	3000	2180	1215	475			
TT4000	230	4490	3330	1785	700			
TT5000	310	5150	4255	3170	1615	395		
TT6000	334	6600	4915	3065	1480	265		
TT9000	587	9200	7795	6210	4490	2695	1125	

■ Recommended Operating Range
 ■ Best Efficiency Point
 ■ Do Not Operate Range

AWGTWVSC- Variable Speed Controller

Includes: Battery operated remote (batteries not included)
Dimensions: 6"H x 4"L x 2" W
Warranty: 3 year limited

FEATURES:

- Can be controlled manually or via remote control
- 10 Individual Flow Settings
- LCD Display
- On/Off Timer Feature
- Works with TW-Series & TT-Series Pumps





AWGSOLW6 - Warm White Spotlight

Voltage: 12 volt AC, Watts: 6
Includes: LED Spotlight, 20' power cord w/ quick-connect plug, stand and ground stake



AWGSOLW2 - Compact Warm White Spotlight

Voltage: 12 volt AC, Watts: 2
Includes: LED Spotlight, 20' power cord w/ quick-connect plug, stand and ground stake



AWGSOL30X4 - Transformer and 4-way splitter compatible with all AWGSOL Lighting

Voltage: 12 volt, Watts: 30
Includes: transformer and 4-way splitter w/quick-connect plugs



AWGSOLWPL4 - 20' 2-wire Extension Cord

For Use With: Warm White AWG and AWGSOL lighting
Voltage: 12 volt
Includes: Weather-proof caps



AWGSOLWLR - Warm White Light Ring

Voltage: 12 volt AC, Watts: 10
Includes: LED Light Ring, 20' power cord w/ quick-connect plug



AWGSOL2X4 - 4 pack / Compact Spotlights

Input Voltage: 12 volt AC
Watts: 8
Beam Angle: 45 Degrees
Includes: (4) SOLW2 Compact Spotlights, transformer and 4-way splitter



AWGSOLCC2X3 - 3 pack Color Changing Compact Spotlights

Input Voltage: 12 volt AC
Watts: 3 - 7.5 variable
Beam Angle: 45 Degrees
Dimensions: (3) 2½" L x 11/8" W
Includes: (3) SOLCC2 Compact Spotlights, transformer, 3-way / 6-wire splitter, control module and remote control



SPOUT LIGHTS are designed to work in formal Wall Spout applications, but are also ideal to illuminate the flow from cored boulders. Use a minimum 1" threaded tee at the bottom of the boulder for best results



AWG SOLWSL2 - Wall Spout Light

Description: Warm White
Input Voltage: 12 volt AC
Watts: 2
Beam Angle: 45 Degrees
Dimensions: 1½"L x 1½"W x 1/8"H
Thread Size: 1" MIPT



EASY PRO LIGHTING

LOW VOLTAGE TRANSFORMERS

100/150 WATT TRANSFORMERS WITH PHOTO EYE



The EasyPro transformer has a photo eye that automatically turns on at dusk and a timer that runs for four, six or eight hours before turning the lights off. Transformers are epoxy filled and weatherproof for long life and have field replaceable fuse in case of overloading.

EPLT100 - 100 Watt Transformer with Timer
EPLT150 - 150 Watt Transformer with Timer

300 & 600 WATT TRANSFORMERS



These heavy duty transformers feature a photo eye for automatic on/off. Easy push button settings keep lights on from one to nine hours after turning on - or can be set to run dusk till dawn.

EPLT300 - 300 Watt Transformer
EPLT600 - 600 Watt Transformer



PROECO UNDERWATER LED LIGHTS

- 5 Watt LED light
- 12 Volt AC
- 33 ft power cable
- Transformer included
- Adjustable base
- Can be easily connected to splitters and photocell
- 3 Year Warranty



PROLED40 - White

PROLED60 - Color changing, Red Blue and White

PROECO POND AND LANDSCAPE LIGHTS

- Can be used in and out of water
- Warm White - 3000 Kelvin
- 12 Volt AC
- 25 ft cable with plug connection
- 2 pin connection system
- Includes adjustable shroud & Stake
- Beam spread is easily changed Includes 15°, 35° and 60° optical lenses
- 5 Year Warranty



PAL-6
PROPAL-6 - 6 Watt LED



PAL-3
PROPAL-3 - 3 Watt LED

STAINLESS STEEL UNDERWATER LIGHT



EPLSL - 35 watt Stainless steel underwater light

- Ideal for architectural pools and fountains
- Five year warranty on stainless housing
- 35 watt bulb standard, 20 watt and 50 watt bulbs also available
- 30' Power Cords

EPLT45 - 45 Watt 12v Transformer

- 3' Cord
- Photo eye for automatic on at dusk with four, six, or eight hour settings
- Includes screw type connectors for halogen lights and three way splitter for LED lights



EPLEDML3WS -
3 way LED splitter
with 12V fork



EPLEDMEXC -
15' LED extension cord
with 3 LED outlets

ROCK LIGHTS

Simulated rock look make these lights easy to hide in ponds or streams!



EPLRL20 - SUBMERSIBLE ROCK LIGHTS 20 WATT, 12v

- 30' power cord
- Rock shell measures approximately 6" wide x 4½" tall

EPLMRL10 - MINI ROCK LIGHT 10Watt, 12v

- 10 watt bulbs
- 20' power cord
- Measures 3½" wide x 3" tall x 3" diameter



EPLEDM2w - Mini LED Rock Lights 2 pack white

These rock shaped lights are smaller than a golf ball and yet have an incredibly bright output. The permanently sealed, epoxy filled light housings are virtually indestructible with a 15' power cord.

"TADPOLE" LED FIBER OPTIC SYSTEM



One light source for multiple points of light

Each Tapdole system includes three or four, eight (8) foot lengths of EEF-25 "Sunburst" or EEF-50 "Sunburst II" end emitting fiber lit by one LED illuminator. *IlluminFx Tadpole LED fiber optic kits operate off of 12- 24V, AC or DC power supplies (minimum output should be 4W), and consume 3 watts.* Transformer not included.

CREATIVE USES:

- Disappearing Fountains
- Moonlighting from trees
- Lighting steps
- Add to your existing low voltage system
- Small waterfalls

The creative uses are Endless!!



FOLEDC-425 - Tadpole LED-425/ 3w white LED
(4) 8' EFF-25 fibers Color Changing

CENTINEL

- Replacement for MR16 Lamp
- High Brightness
- Beam Angle 60°
- Low Power Consumption (3.4 watts)
- Long life - 50,000 Hours
- High Efficiency - 70 Lumens per watt



FOC6050 - Centinel - 12v LED

MANTA RAY

High Brightness Underwater LED Lighting Fixture Designed for use with 12V magnetic transformers (Do Not use with dimmers or with electronic transformers), the IlluminFx Manta Ray is a high brightness LED.

- Low Power Consumption (3.4 watts)
- Long Life: 50,000 Hours
- High Efficiency: up to 70 lumens per watt
- Completely Submersible
- NO UV radiation
- Warm white light replicates the halogen incandescent look
- with 20' SJTW cord

FOMR1-W6 -

Manta Ray with 60° beam spread

FOMR1-W4 -

Manta Ray with 40° beam spread



LED LIGHT STRIP

- Ideal for use with Stainless Steel Spillways, waterfall diffusers or underwater to light up waterfalls, streams, etc.
- 15' power cord between light and 10 watt transformer (included)
- Available in 11", 23" or 35" lengths
- Available in Warm White or Blue

EPLED11WW - 11" LED light strip, warm white

EPLED11CB - 11" LED light strip, blue

EPLED23WW - 23" LED light strip, warm white

EPLED23CB - 23" LED light strip, blue

EPLED35WW - 35" LED light strip, warm white

EPLED35CB - 35" LED light strip, blue





FP SERIES PUMPS

- Designed for use in pond and water garden filtration systems
- Solids handling, passes up to 3/8" particles
- Energy efficient mag-drive
- In-line capable
- Outlet size 1 1/2"
- Second suction on FP4700 is 1 1/2"
- 20' Power Cord (23' on FP4700)
- 3 yr Warranty



FP SERIES PUMP CHART							
	Watts	1'	5'	10'	15'	20'	Max Head (ft)
PROFP1750	110	1,750	1,600				10'
PROFP2300	150	2,250	2,100	1,600			13'
PROFP3200	200	3,280	3,100	2,650	1,580		18'
PROFP4750	315	4,750	4,650	4,250	2,800	800	21.5'

SP SERIES PUMPS

- Suitable for waterfalls, streams and fountains
- Asynchronous motor (electronically controllable flow)
- Hybrid mag drive pump
- Pre-filter included
- Thermally protected
- Submersible or in-line
- 33' Power Cord
- 5 yr Warranty



SP SERIES HYBRID PUMP CHART										
Item	Watts	Inlet & Outlet	5'	10'	15'	20'	25'	30'	35'	Max Head (ft)
PROSP1400	75	1"	1100	400						11.5
PROSP1800	100	1"	1600	950						14
PROSP2200	170	1"	2150	1700	1200	350				22
PROSP3700	170	1 1/2"	3200	2300	950					17
PROSP5300	430	1 1/2"	4700	4000	3200	2500	1500			36
PROSP6600	430	2"	5900	5000	3900	2500	500			26
PROSP8000	710	2"	7200	6600	5700	4700	3500	2100	500	41

HPP SERIES PUMPS

- Suitable for waterfalls, filtration systems, pools and spas
- Self-priming (up to 6')
- See-through strainer cover
- High capacity strainer basket
- Inlet/ Outlet 1 1/2"
- Power Cable 6' (NA on HPP150)
- 2 yr Warranty



Special Order item not kept in stock please allow extra time for delivery

HPP SERIES PUMP CHART														
Item	Voltage	Amps	Watts	1'	5'	10'	15'	20'	25'	30'	40'	50'	60'	Max head (ft)
PROHPP075	115V, 60Hz	8.8	1000	5,200	4,750	4,400	3,900	3,450	2,900	2,400	950			45'
PROHPP100	115V, 60Hz	9.7	1100	5,800	5,550	5,100	4,650	4,200	3,650	3,100	1,600			50'
PROHPP150	115/230V, 60Hz	15/7.5	1700	6,400	6,250	5,750	5,400	5,000	4,650	4,200	3,250	2,200	900	65'

EZ-PRESS PRESSURE FILTERS

- EZ Clean Pull Handle cleaning system
- Clog indicator
- UVC light indicator
- Kink-Free hose fittings Included
- Schedule 40 fitting adapters included
- Optional Ball Valve fittings included
- 15' Power Cord
- 3 yr warranty



	PROEZ2000	PROEZ3000	PROEZ4000
Max. Flow (gph)	2400	3200	3700
Max. pump pressure	18ft / 7.25 psi	18ft / 7.25 psi	18ft / 7.25 psi
Outlet/Inlet (in)	3/4" - 1 1/2"	3/4" - 1 1/2"	3/4" - 1 1/2"
Recommended pump*	FP-2300	FP-3200	FP-3200
Pond (no fish)	2000	3000	4000
Pond (with fish)	1000	1500	2000
UV-C (wattage)	18	18	36



Connect to all common pipe, tubing or hose with included fittings



Included ball valves insure no waste returns back to the pond during cleaning

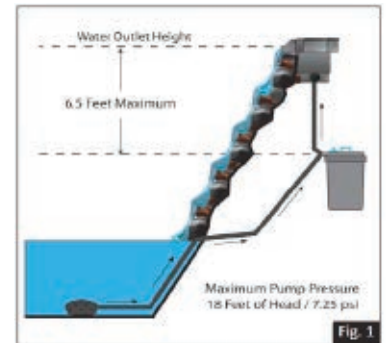
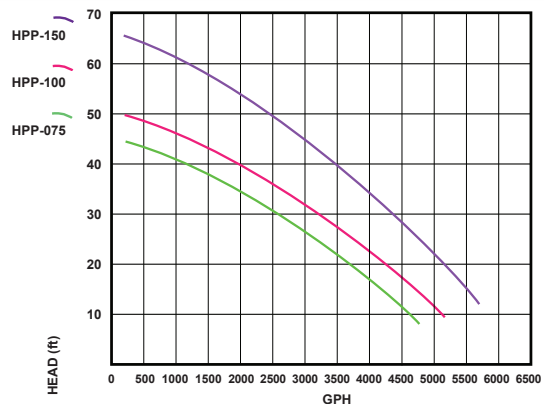


Fig. 1



IONIZERS

- Treats String Algae
- Energy Efficient
- Easy to view anodes through Clear View Tee
- Copper anodes
- Max Flow Rate 6000 gph
- 12 VAC transformer included
- 2" Slip Inlet and Outlet
- 1 1/2" x 2" reducer bushings included
- Test kit included
- 25 ft Cable
- 2 Year Warranty

IONIZERS ARE NOT RECOMMENDED WITH FISH, AMPHIBIANS, OR INVERTEBRATES.

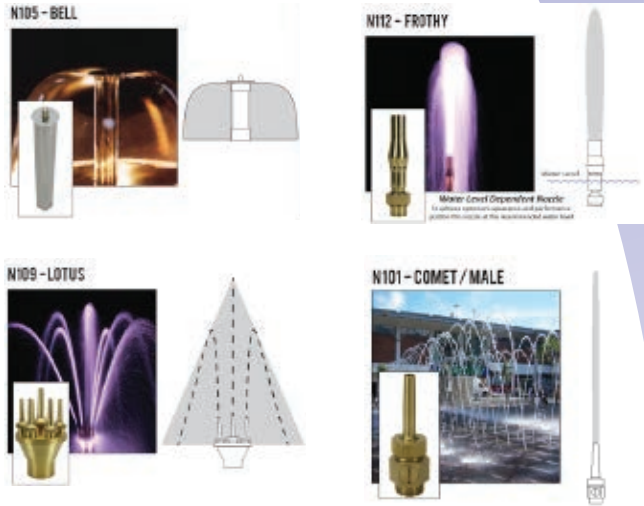
PROI01 - Recommend for Water Features up to 5,000 gallons

PROI02 - Recommend for Water Features up to 15,000 gallons



FOUNTAIN NOZZLES

- PRONBell1/2** Bell Nozzle 1/2" FNPT, Brass
- PRONBell1** Bell Nozzle 1" FNPT, Brass
- PRONBell1/2S** Bell Nozzle 1/2" FNPT, Stainless Steel
- PRONBell1S** Bell Nozzle 1" FNPT, Stainless Steel
- PRONComet1/2** Comet Nozzle, 1/2" MNPT, Brass
- PRONFrothy1/2** Frothy Nozzle 1/2", FNPT, Brass
- PRONFrothy1** Frothy Nozzle, 1" FNPT, Brass
- PRONLotus1** Lotus Nozzle 1" FNPT, Brass



PROECO IRRIGATION PUMPS

The RH Series pumps are designed for irrigation applications. The pumps produce the pressure and flow needed to operate most irrigation nozzles and heads. These pumps are also an integral part of a rainwater harvesting system when the system will be used for irrigation.



RHP

RH SERIES PUMPS

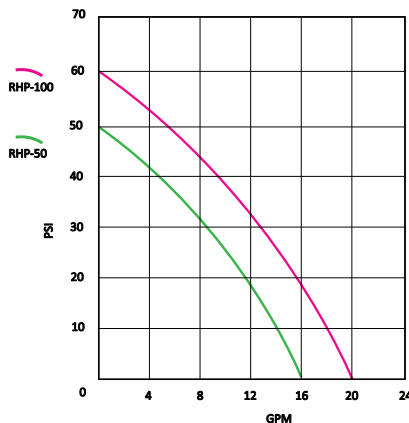
- Designed for irrigation applications
- Produce the pressure and flow needed to operate most irrigation nozzles & heads.
- An integral part of a rainwater harvesting system that is used for irrigation.
- 20' Power Cord
- 2 yr warranty



RHSP

PUMP PERFORMANCE CHART

	10psi	15 psi	20 psi	25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi	65 psi
PRORHP-50	14 gpm	13 gpm	11 gpm	10 gpm	9 gpm	7 gpm	5 gpm	2 gpm				
PRORHP-100	19 gpm	18 gpm	16 gpm	14 gpm	12 gpm	10 gpm	8 gpm	6 gpm	4 gpm			
PRORHSP-75 *Special Order	23 gpm	21 gpm	18 gpm	16 gpm	12 gpm	7 gpm	3 gpm					
PRORHSP-150 *Special Order	26 gpm	25 gpm	23 gpm	21 gpm	19 gpm	17 gpm	16 gpm	14 gpm	12 gpm	10 gpm	7 gpm	2gpm



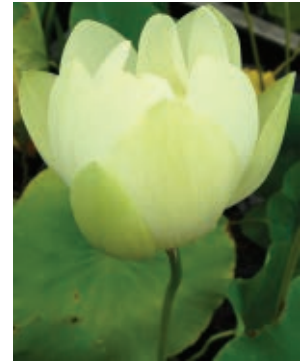
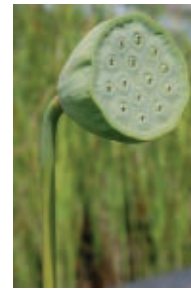
	PRORHP-50	PRORHP-100	PRORHSP-75 *Special Order	PRORHSP-150 *Special Order
HP	1/2 HP	1 HP	3/4 HP	1 1/2 HP
Voltage	110v	110v	110v	220v
Power Consumption (Watts)	370	750	600	1,100
Max. Flow Rate (gph/gpm)	600 / 10	1,960 / 32	1,440 / 24	1,560 / 26
Max. Head (ft)	110	135	98	164
Outlet	1"	1"	1 1/4"	1 1/4"
Power Cable Length (ft)	20	20	20	20
Pump Type	In-Line	In-Line	Submersible	Submersible
Dimensions (in)	13 x 9 x 10	13 x 9 x 16	5 x 5 x 17	5 x 5 x 19
Warranty	2 Years	2 Years	2 Years	2 Years

PLANTS

Our selection of plants becomes available as God provides the spring weather to grow them. We prefer to not provide a hot house forced plant that will wither with the first cool breeze. Plants that are started in the greenhouse are hardened off before releasing them.



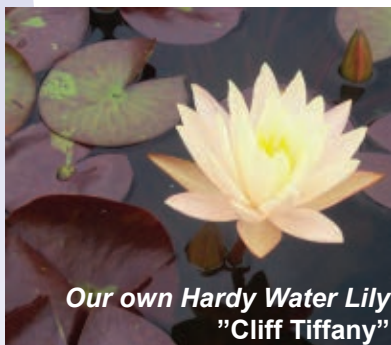
LOTUS – We are THE go-to grower for Lotus in New England – offering potted established plants in 3 different sizes - 1 yr, 2 yr and specimen



FLOATING PLANTS – Our Floating Aquatic Plants are locally grown and hardened off before we will release them for sale. Frogbit is available early for those wanting coverage early in the season.

For those outside our delivery area, please inquire about bare root availability – Each year we offer a limited number of seasonally available plants for sale this way.

Check the availability lists at FGNSales.com. For Aquatic Plants there is a current availability and a Master list – The current availability is dated and indicates what is ready to ship that week. This is updated weekly during the peak season.



Our own Hardy Water Lily "Cliff Tiffany"

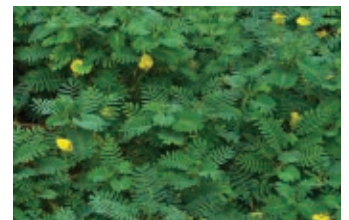
WATERLILIES – We carry both Hardy Waterlilies and Tropical Waterlilies. These plants are typically sold in a 9" x 6" pan and are priced individually or by assortment. Some varieties are exclusive to us. Our introduction Cliff Tiffany was selected as 1st place International Hardy Waterlily in 2009.



We don't have everything but do have an eclectic collection of plants well worth your time to check out.

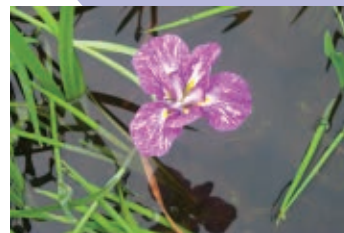


AQUATIC MARGINALS – These plants add texture and interest to all water features. Many are happy just to be kept in very moist soil while others require being submerged. We have both Hardy Marginals, many of which are Native, and colorful Tropical Marginals.

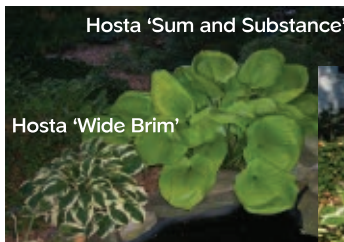




AQUATIC IRIS – While there are many different species of Iris, we offer the varieties that need to be very moist or in water. We offer 24 varieties - all Hardy, locally grown to provide different colors and bloom times. Iris x E. L. Francis is our introduction and the increasingly popular Pseudata types are very rare in the trade.

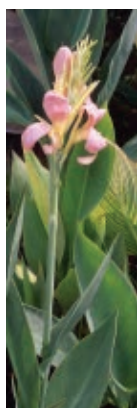


HOSTA – With over 250 varieties of Hosta in production (and more being added) we have become one of the top go-to places for selection in the New England.



ORNAMENTAL GRASSES –

We have Ornamental Grasses available in both small and large pots. Their Autumn appeal adds another season to the garden and makes a perfect backdrop for a pond or stream.



AQUATIC CANNA – Aquatic Canna can survive in and even flourish when in water. These are specific varieties, which are different than the terrestrial varieties. Canna Hallucination was introduced by our son Joe when first learning about propagation. Avid collectors have taken it to many different countries.



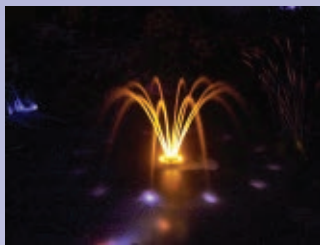
TREES & SHRUBS –

Come spend some time exploring the nursery and you will find many interesting plants that will be an asset to you when creating that wow landscape for your client. Boxwood to espalier yews, Rhodies to Japanese Umbrella Pines. Many are grown "Pot-in-Pot" so are available all summer without the added stress of digging.

PERENNIALS – We have 18 varieties of Daylilies, 17 varieties of Heuchera as well as many other perennials scattered through the nursery. All of our plants are grown without the use of toxic chemicals (just in case they're next to a Koi pond or other habitat)!



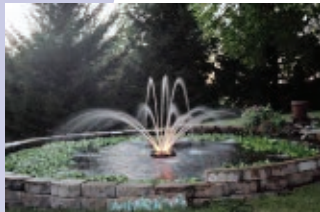
We started as plant people and added all the different supplies so more people could enjoy the beauty of the plants that God has surrounded us with.



Osprey—3.5'H x 7'W



Falcon—4'H x 4'W



Condor—4'H x 4'W
inner, 2'H x 10'W



Eagle's Nest—3.5'H x 10'W



Hawk's Nest—3'H x 7'W



1/4 HP AERATING FOUNTAIN

KM14JF - 1400JF Decorative Fountains NO lights 50' cord
KM14JFL - 1400JFL Decorative Fountains with lights 50' cord

Kasco's compact fountains are boxed and colorfully labeled for retail sale. (16"W x 18"D x 15"H)

Kasco Marine's NEW 1400JF and 1400JFL 1/4 HP Floating Aerating Fountains will beautify any small backyard pond or watergarden up to 1/5 acre (8,000 sq.ft. surface area). The ring of LED lights that are included with the 1400JFL floating fountain provide ample light and 100,000 hours of expected life, all while keeping the initial costs and operating expenses low. The 1400JFL Floating Aerating Fountain includes a low voltage transformer to convert your 120 V power to the 12 V power used by the LED light ring. The LED light ring is a beautiful amber color that will add an elegant accent to the fountain at night.

The 1400JF and 1400JFL Floating Aerating Fountain packages include a plug-and-go model control box, C-25 that is customer installable for quick and easy set-up, no hard wiring is necessary. The C-25 features a 24-hour timer, GFCI protection, and a photoelectric controlled outlet for the LED Light Ring lighting package for the 1400JFL. The GFCI, 15 amp circuit is designed to protect you and your equipment. No electrician is required to install your C-25 Control or your 1400JF or 1400JFL Aerating Floating Fountain if an existing 120V, 15 amp receptacle is available.

- Made with pride in the U.S.A.
- 5 Interchangeable Nozzle Heads Included for Multiple Fountain Patterns with One Floating Fountain
- Longer-life top and bottom ball bearings
- Environmentally friendly oil-filled motor with a hard-face internal mechanical seal and external lip seal for protection against leaks
- Flood oil lubricated for excellent heat dissipation
- Highly efficient, lower power consumption than competitive equipment
- Superior dependability - all external metal motor, float, and hardware components are of stainless steel composition
- Requires minimal maintenance - we recommend cleaning the stainless steel motor housing once or twice per year
- Extremely light - weighs only 35 lbs.
- Operates in as little as 12" of water
- 3.1 running Amps on 120 V circuit for low operating costs
- 50 ft. SJTOW underwater rated electrical power cord
- Two 15 ft. braided nylon mooring ropes included
- NO ASSEMBLY REQUIRED!

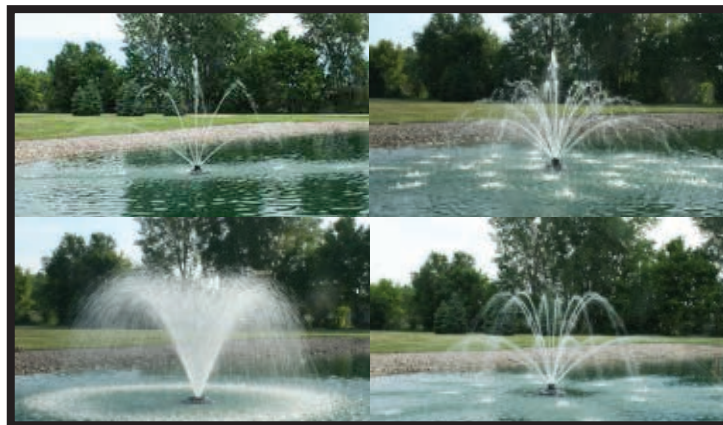


xSTREAM™ FOUNTAIN

KMXS12-50 - xStream Fountain 2400SF with 50' cord

- Unique and inclusive ability to change to over 30 laminar stream patterns and also includes one high flow V-shaped pattern. Pattern heights up to 8.5 feet.
- Complete - Fountain includes multiple-pattern nozzle, dual debris screening, three mooring lines, and control panel with timer, ground fault interrupter, and photo eye for lights.
- Versatile - Decorate small water gardens or enhance large ponds with a stunning center display.
- Easy to Install - Small, portable size. Minimal assembly.

- Energy efficient - 1/2 HP motor, 120 Volt, 6.6 - 7.3 running amps (depending on pattern)
- Approved - ETL approved to UL and CSA standards as a complete package.
- Power cord length options of 100, 150, or 200 feet can be ordered.



KMLED8012-50 - 8 LED Puck Light Kit

Colored lights are available but must be special ordered.



Fountain shown with light kit

AIRMAX ECOSERIES™ 1/2 HP FOUNTAIN



The EcoSeries™ Floating Fountain showcases beautiful industry leading spray patterns that outmatch other 3/4 HP and 1 HP fountains. The EcoSeries™ Fountain operates in as little as 24" of depth and includes an energy efficient 1/2 HP motor, 3 spray patterns, control panel and a 3 Year Warranty.

Easy To Install

The EcoSeries™ 1/2 HP Fountain was designed to be easy to assemble. No tools are required for assembly or when changing nozzles. The EcoSeries™ Fountain is equipped with a quick disconnect cord for easy removal of the motor and float.

Energy Efficient

The 1/2 HP motor is energy efficient drawing 5.6 Amps, 670 watts on 120V power. The asynchronous motor, silicon carbide shaft bearing and ceramic shaft are housed in a stainless steel body with suction screen.



Control Panel

The included control panel is set-up to run your fountain and the optional LED Light Set.

ECOSERIES™ INCLUDED SPRAY PATTERNS

Classic



6'H x 14'W

Trumpet



10'H x 6'W

Crown & Trumpet



6'H x 28'W

ECOSERIES™ PREMIUM SPRAY PATTERNS

Single Arch



6'H x 10'W

Double Arch



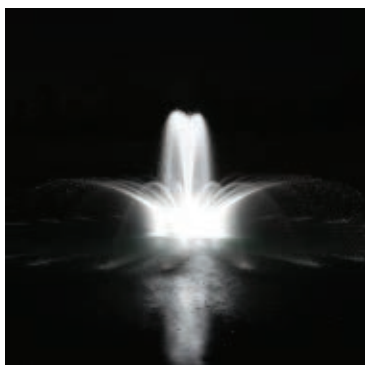
Tier One – 9'H x 10'W
Tier Two – 4'H x 32'W

Double Arch & Geyser



Geyser – 8'H
Tier One – 6'H x 8'W
Tier Two – 3'H x 28'W

These floating fountains are ordered to customers specifications of 100', 150', 200', 250' or 300' power cord lengths and are also available with reinforced cords.



The Airmax® LED Light Set offers unique, nighttime displays for your pond. The energy-efficient, high-output 120 volt design uses less than 40 watts of power. The LED Light Sets have a fully sealed light housing to ensure a maintenance-free operation. Lights easily clip onto the EcoSeries™ float making for a fast installation with no tools required. All LED Light Sets also include an underwater disconnect and stainless steel braiding between light fixtures and power leads to protect the power cord. Available in 2, 4, 6 or 8 Light Sets, the Airmax® LED Light Sets will let you enjoy your fountain at any hour. 3-year warranty.



The PondJet floating fountain is ready to connect and can be installed in minutes. Additional nozzle patterns can be installed (must be purchased separately).

- Fountain Display Height: 10 ft. (with included nozzle)
- Fountain Display Width: 10 ft. (with included nozzle)
- Max. Flow Rate: 2400 gph
- Max. Head Height: 21 ft.
- Nozzle Connection: 1 in.
- Power Cable Length: 75 ft.
- Power Consumption: 260W
- Power Requirement: 110V / 60Hz
- Regulatory Listing: CSA (Canada, US)
- Dimensions (Dia x H): 26 x 21 in.
- Limited Warranty: 2 Years



This light set for the OASE PondJet Floating Fountain consists of 3 Lunaqua 10 halogen lights (50W each), an underwater transformer and mounting brackets. The light set can be retrofitted to existing PondJets.

- Power Cable Length: 75 ft.
- Power Consumption: 150W
- Power Requirement: 110V / 60Hz
- Regulatory Listing: CSA (Canada, US)
- Limited Warranty: 2 years



OA54019 - Pond Jet 2400 Floating Fountain

OA88409 - Pond Jet Light Set (3 Lunaqua 5 Lights - 115 volts)



POND SERIES™
SUITABLE FOR PONDS UP TO 21' DEEP

AMXAPS10 – PS10 System
AERATE PONDS OF 1 ACRE OR LESS

System includes:

- RP25 1/4 HP Silent Air™ Rocking Piston Compressor
- 1 Airmax® ProAir-4 self-weighted diffuser



AMXAPS20 – PS20 System
GREAT FOR MEDIUM OR IRREGULAR SHAPED PONDS UP TO 2 SURFACE ACRES

System Includes:

- RP33 1/3 HP Silent Air™ Rocking Piston Compressor
- (2) Airmax® ProAir-4 self-weighted diffusers



AMXAPS30 – PS30 System
DESIGNED FOR MEDIUM TO LARGE AND/OR IRREGULAR SHAPED PONDS UP TO 3 ACRES

System Includes:

- RP33 1/3 HP Silent Air™ Rocking Piston Compressor
- (3) Airmax® ProAir-4 self-weighted diffusers



AMXAPS40 – PS40 System
DESIGNED FOR LARGE OR IRREGULAR SHAPED PONDS UP TO 4 ACRES

System Includes:

- RP50 1/2 HP Silent Air™ Rocking Piston Compressor
- (4) Airmax® ProAir-4 self-weighted diffusers



EACH SYSTEM INCLUDES:

- Compressor and Silent Air Cabinet with cooling fan and GFCI protection
 - Pressure gauge
 - Pressure relief valve, adjustable valves (to ensure even airflow to both diffusers)
 - Complete installation guide and operating instructions.
- *Airmax EasySet Airline Sold Separately*

SHALLOW WATER SERIES™
SUITABLE FOR PONDS UP TO 6' DEEP

AMXASW20 – SW20 System
DESIGNED PONDS UP TO 1/4 ACRE

System Includes:

- High Efficiency LR25 Silent Air™ Linear Diaphragm Compressor
- (2) ProAir-2 Self Weighted Diffusers



AMXASW40 – SW40 System
DESIGNED FOR PONDS UP TO 1/2 ACRE

System Includes:

- High Efficiency LR50 Silent Air™ Linear Diaphragm Compressor
- (4) ProAir-2 Self Weighted Diffusers



CONNECTOR KITS FOR EASYSET AIRLINE



LAKE SERIES™
 - Suitable for ponds up to 50' Deep
 --- Please inquire for details

MODEL	HP	Max/Running Amps	CFM	Max Depth
AMXAPS10 System Specs	1/4 HP	3.1/1.0	1.7	21'
AMXAPS20 System Specs	1/3 HP	5.3/3.8	4.5	21'
AMXAPS30 System Specs	1/3 HP	5.3/3.8	4.5	21'
AMXAPS40 System Specs	1/2 HP	6.8/4.4	5.8	21'
AMXASW20 System Specs	LR25	.5	2.5	6'
AMXASW40 System Specs	LR50	.9	4.9	6'

These aeration kits are designed with quality, performance and efficiency as top priority. If you are looking for the best water garden aerator on the market, this is it. These aeration kits work great in the hot summers as well as the cold winters. A small faux rock cover can be used to protect them from the elements outdoors (see pages 48 & 49 for Faux Rock Covers).

KoiAIR AERATION KITS

**AMX-KAMini - KoiAir Mini
- AERATES PONDS FROM 1,000 TO 4,000 GALLONS**

System includes:

- KA-20 high efficiency compressor
- .80 CFM
- 15' – 3/8" weighted airline
- 1 PTFE Non-Stick Diffuser



**AMX-KA1- KoiAir 1
- AERATES PONDS FROM 2,000 TO 8,000 GALLONS**

System includes:

- KA-20 high efficiency compressor
- .80 CFM
- 25' – 3/8" weighted airline
- 1 Diffuser plate with 2 PTFE Non-Stick Diffusers



**AMX-KA2- KoiAir 2
- AERATES PONDS FROM 8,000 TO 16,000 GALLONS**

System includes:

- KA-40 high efficiency compressor
- 1.70 CFM
- 50' – 3/8" weighted airline
- 2 Diffuser plates with 2 PTFE Non-Stick Diffusers



PROAIR™ DIFFUSERS

-New improved weighted air diffusers

**AMX2StDiffuser -
ProAir 2 Weighted Diffuser**

**AMX4PIDiffuser -
ProAir 4 Weighted Diffuser**



AIRMAX EASYSET AIRLINE

Tubing remains on the bottom even when filled with air. No weights required. Airmax ProAir self weighted tubing has been manufactured to Airmax specifications making it more flexible, durable and safer. It is now guaranteed not to kink, highly puncture resistant and lead free. All aeration kits are shipped set up for 5/8" tubing. Additional fittings are needed to use 3/8" tubing. When the distance between compressor and any one diffuser is greater than 300 feet, use the larger 3/4" tubing .



AMXT38B - Airmax 3/8" EasySet Airline 100' - Boxed

AMXT58B - Airmax 5/8" EasySet Airline 100' - Boxed

Designed For Use With Air Max Pond Aeration Systems When Power Is Not At Your Pond's Edge. Thin Walled And Kink Resistant, Airmax Direct Burial Tubing Is Still Fairly Flexible Even In Colder Temperatures.

**AMXT58DB - Airmax 5/8" EasySet Airline 100' -
Direct burial tubing-Boxed**

**AMX-PA2 - PondAir 2
AERATES PONDS UP TO
1,000 GAL**

System Includes:

High-efficiency, dual-output compressor that uses only 4 watts with a max air flow of .15 CFM, 2 30' rolls of black vinyl tubing, 2 blue airstones and 2 check valves



**AMX-PA4 - PondAir 4
AERATES PONDS UP TO
4,000 GAL**

System Includes:

High-efficiency, quad-output compressor that uses only 8 watts with a max air flow of .31 CFM, 4 30' rolls of black vinyl tubing, 4 blue airstones and 4 check valves



AMX Diffuser 2 - Diffuser Plate Assembly with 2 membrane sticks

Diffuser Plate Assembly utilizes a sturdy base plate and 1-piece weighted distribution block. The distribution block incorporates a 3/8" barbed inlet for quick hook-up to EasySet™ airline while providing threaded female outlets to accommodate the 2 membrane diffuser sticks. Virtually maintenance-free, membrane diffuser sticks resist clogging and their flexibility eliminates the possibilities of cracking and leaking.

POND SERIES™ REMOTE MANIFOLD KITS

No Power Needed at Shore!

Airmax Aeration Systems can be installed in ponds with power sources as far as 1/4 mile away! Airmax utilizes their EasySet™ Direct Burial Airline to deliver oxygen to your pond without the added expense of running electrical wiring to your pond.

AMXA-RM2

2-Port Remote Manifold,
For SW20 & PS20 Systems



AMXAR-M3

3-Port Remote Manifold
For PS30 Systems

AMXAR-M4

4-Port Remote Manifold
For SW40 & PS40 Systems





CRYSTALCLEAR® CLARITYMAX™ multi-purpose cleaning action cleans ponds with ingredients that work in tandem to clean, polish and break down dead organic debris on and around waterfalls, streams, plant pots and filtration systems. CrystalClear® ClarityMax™ can be used once a week on a regular basis when water temperatures are above 50°F to maintain crystal clear water for the long term.

- Clears Water & Rocks of Dead Debris with Only a Few Applications
- Includes an All-Natural Proprietary Treatment Blended with Bacteria & Enzymes
- Safe for All Aquatic Life
- Maintains Long Term Clear Water

AMXCCMP1 - Crystal Clear Clarity Max 1 lb

AMXCCMP2 - Crystal Clear Clarity Max 2.5 lb

AMXCCMP6 - Crystal Clear Clarity Max 6 lb

CRYSTALCLEAR® CLARITYMAX™ DOSAGE RATES

Pond Size (In Gallons)	ClarityMax™ (Once per Week)
Up To 500 Gallons	1 Ounce
Up To 1,000 Gallons	2 Ounces
Up To 2,000 Gallons	4 Ounces



CRYSTALCLEAR® D-SOLV9™ contains a specifically designed 2x concentrated formula to clear pond water quickly and efficiently. Results can be seen in as little as 24 hours. D-Solv9™ can be used in all sizes of ponds, fountains, bubblers and streams. No matter what your clarity problem is, D-Solv9™ can help you FIX it.

Quick Fix Pond Cleaner

- 2x Concentrated Formula
- Cleans & Clears Pond Water in as Little as 24 Hours
- May Be Used in Ponds Containing Fish & Plants

For Best Results

Designed to be a "Quick Fix" it is recommended that CrystalClear® ClarityMax™ be used after D-Solv9™ treatments for best results.

Product Notices

Do not mix or use other water treatments while treating with D-Solv9™.

AMXCCDS9-16 - Crystal Clear D-Solv9 - 16 oz

AMXCCDS9-64 - Crystal Clear D-Solv9 - 64 oz

AMXCCDS9-G - Crystal Clear D-Solv9 - 1 gal

CRYSTALCLEAR® D-SOLV9™ DOSAGE RATES

Pond Size (In Gallons)	D-Solv9™ (Max. Once per Week)
Up To 600 Gallons	1 Ounce
Up To 1,200 Gallons	2 Ounces
Up To 1,800 Gallons	3 Ounces
Up to 2,400 Gallons	4 Ounces



CRYSTALCLEAR® RAPICLEAR™ allows suspended particles in water to attract together and fall to the bottom of the pond where they can be vacuumed out or removed by filtration. Do not use other chemicals while treating with this product. Shake well before use and apply as prescribed, up to every 3 days until pond becomes clear.

- Pond Water Clarifier
- Safe for All Aquatic Life
- Flocculates & Clears Pond Water
- Fast-Acting, Works within 1-3 hours

AMXCCRC16 - Crystal Clear RapiClear 16oz

AMXCCRC64 - Crystal Clear RapiClear 64oz

AMXCCRCGal - Crystal Clear RapiClear Gal

CRYSTALCLEAR® RAPICLEAR™ DOSAGE RATES:

Pond Size (In Gallons)	RapiClear™ (As Needed)
Up To 500 Gallons	1 Ounce
Up To 1,000 Gallons	2 Ounces
Up To 2,000 Gallons	4 Ounces



CRYSTALCLEAR® BIOLOGICAL CLARIFIER™

naturally clears water, removes odors and breaks down suspended dead debris and decaying leaves with billions of bacteria colonies and added enzymes. The result is a cleaner pond, healthier fish, improved dissolved oxygen levels and reduced ammonia levels. CrystalClear® Biological Clarifier™ can be used in ponds, fountains, bubblers and disappearing waterfall features. Use when water temperatures are above 50°F.

- Clears Pond Water with Natural Bacteria & Enzymes
- Seeds & Maintains Biological Filters, Keeping Your Pond Healthy & Balanced
- Breaks Down Suspended Dead Debris
- Safe for All Aquatic Life

AMXCCBC08 - Crystal Clear Biological Clarifier 6 packets

AMXCCBC1 - Crystal Clear Biological Clarifier 12 packets

AMXCCBC2 - Crystal Clear Biological Clarifier 24 packets

AMXCCBC6 - Crystal Clear Biological Clarifier 96 packets

AMXCCBC25 - Crystal Clear Biological Clarifier 300 packets

CRYSTALCLEAR® BIOLOGICAL CLARIFIER™ DOSAGE RATES

Pond Size (In Gallons)	Biological Clarifier™ (Once a Week)
Up To 1,000 Gallons	1 Packet
Up To 2,000 Gallons	2 Packets
Up To 4,000 Gallons	4 Packets



CRYSTALCLEAR® MUCKOFF™

CrystalClear® MuckOff™ tablets sink to the bottom of the pond to quickly reduce muck and sludge from dead algae, leaves and fish waster. MuckOff™ easy-to-use tablets are a blend of natural bacteria and enzymes that help clear water by removing excess nutrients and reducing sediment. Use once every four weeks when water temperatures are above 50°F.

Muck & Sludge Reducer

- Eliminates Muck & Sludge
- Breaks Down Dead Algae, Leaves & Fish Waste
- Safe for All Aquatic Life

AMXCCMO-24 - Crystal Clear Muck Off -24 Tab

AMXCCMO-48 - Crystal Clear Muck Off - 48 Tab

CRYSTALCLEAR® MUCKOFF™ DOSAGE RATES

Pond Size (In Gallons)	MuckOff™ (Every 4 Weeks)
Up To 500 Gallons	3 Tablets
Up To 1,000 Gallons	6 Tablets
Up To 2,000 Gallons	12 Tablets
Up To 4,000 Gallons	24 Tablets



CRYSTALCLEAR® ALGAE OFF® utilizes the latest in oxygen technology to remove string algae quickly and efficiently. CrystalClear® AlgaeOff® is an EPA registered, granular algaecide that works in seconds, adds oxygen to the pond, removes odor

- Immediately Removes String Algae
- Works On Contact
- Money Back Guarantee
- EPA Registered Algaecide

- AMXCCAO-01** - Crystal Clear Algae Off - 1 lb
AMXCCAO-02 - Crystal Clear Algae Off -2.5 lb
AMXCCAO-10 - Crystal Clear Algae Off -10 lb

CRYSTALCLEAR® ALGAE OFF® DOSAGE RATES	
Surface Area (In Square Feet)	AlgaeOff® (As Needed)
25 – 50 Square Feet	1/4 cup
51 – 100 Square Feet	1/2 cup
101 – 150 Square Feet	3/4 cup
151 – 200 Square Feet	1 cup
201 – 250 Square Feet	1-1/2 cup



CRYSTALCLEAR® WIPE OUT™ is excellent for controlling gill diseases in pond and aquarium fish. Bacterial diseases generally result from fish stress due to adverse water quality conditions (pH, oxygen or temperature problems), habitat clean-outs, untreated abrasions or predators.

CrystalClear® WipeOut™ can be applied if your fish exhibit warning signs of Finrot and/or Ulcers. Warning signs include noticeable decay of dorsal fin, abrasions, White spots, clamped fins, slimy skin, fish becoming listless, or loss of appetite. Remove all forms of filter media during the two week treatment. Repeat treatment 3 times over a 2 week period.

- Controls & Prevents Bacterial Infections
- Controls Finrot & Ulcers
- Safe For Fish & Plants

- AMXCCWO.5** - Crystal Clear WipeOut 1/2 lb

CRYSTALCLEAR® WIPE OUT™ DOSAGE RATES:	
Pond Size (In Gallons)	WipeOut™ (Ounces)
300 Gallons	1/2 Ounce
600 Gallons	1 Ounce
1,200 Gallons	2 Ounces



CRYSTALCLEAR® VANISH™ will immediately remove chlorine that is present in city water supplies. Chlorine is toxic to fish. Left untreated chlorine can cause gill damage and leave fish unable to breath. Use Vanish™ when performing water changes or setting up a new pond. Vanish™ is safe for use with fish, plants, birds or domestic animals that drink from the pond.

Dechlorinating Granules

- Value Formula
- Immediately Removes Chlorine
- Safe for All Aquatic Life

- AMXCCVan-.5** - Crystal Clear Vanish Dry - 1/2 lb
AMXCCVan-2 - Crystal Clear Vanish Dry - 2 lb

CRYSTALCLEAR® VANISH™ DOSAGE RATES:	
Pond Size (In Gallons)	KnockOut™ PLUS (As Needed)
Up To 1,500 Gallons	1/2 Ounce
Up To 3,000 Gallons	1 Ounce
Up To 6,000 Gallons	2 Ounces



CRYSTALCLEAR® SPRING & FALL PREP contains cold water natural bacteria designed to accelerate the decomposition of leaves, twigs, muck and other sediment during the fall and winter months while replenishing winter bacteria loss during the spring. Keep your pond looking its best even when water temperatures drop below 60° F.

Cold Water Natural Bacteria with Barley

- Replenishes Winter Bacteria Loss During Spring Start-Up
- Accelerates Decomposition of Leaves, Twigs & Sediment All Winter Long
- Easy to use packets

- AMXCCSF-12** - Crystal Clear Spring Fall Prep-12ct
AMXCCSF-24 - Crystal Clear Spring Fall Prep-24ct
AMXCCSF-96 - Crystal Clear Spring Fall Prep-96ct

CRYSTALCLEAR® SPRING & FALL PREP DOSAGE RATES	
Pond Size (In Gallons)	Spring & Fall Prep (Weekly)
Up to 1,000 Gallons	1 Packet
Up to 2,000 Gallons	2 Packets
Up to 4,000 Gallons	4 Packets



CRYSTALCLEAR® KNOCK OUT™ PLUS is a broad spectrum treatment for a variety of parasites, bacteria and fungus including anchorworm, fish lice, flukes, ichthyophthirius (Ick), trichondina, costia and chilodonella.

CrystalClear® KnockOut™ PLUS can be applied when your fish exhibit warning signs of Ick such as, White spots, clamped fins, slimy skin, fish becoming listless, or loss of appetite. Remove all forms of filter media during the two week treatment. Repeat treatment 3 times over a 2 week period.

- AMXCCKO16** - Crystal Clear KnockOut Plus 16 oz

CRYSTALCLEAR® KNOCK OUT™ PLUS DOSAGE RATES:	
Pond Size (In Gallons)	KnockOut™ PLUS (Ounces)
60 Gallons	1 Ounce
120 Gallons	2 Ounces
240 Gallons	4 Ounces



CRYSTALCLEAR® VANISH™ PLUS will immediately remove chlorine, chloramines and heavy metals that are often present in city water supplies. Vanish™ PLUS will also add a slime coat protectant to the water to help fish heal wounds and abrasions while protecting them in times of stress such as during water changes & clean-outs.

Dechlorinator PLUS Stress Reducer

- Immediately Removes Chlorine, Chloramine, Heavy Metals & Ammonia
- Adds Fish Slime Coat Protectant
- Safe for All Aquatic & Domestic Animals

- AMXCCVanPlus16** - Crystal Clear Vanish Plus – 16 oz
AMXCCVanPlus32 - Crystal Clear Vanish Plus – 32 oz

CRYSTALCLEAR® VANISH™ PLUS DOSAGE RATES:	
Pond Size (In Gallons)	Vanish™ PLUS (Ounces)
200 Gallons	1 Ounce
400 Gallons	2 Ounces
800 Gallons	4 Ounces
1600 Gallons	8 Ounces



PL

- Specially formulated for decorative fish ponds and lagoons.
- Continued biological activity in water temperatures under 55°.
- Creates a healthy environment for your pond, promoting faster fish growth.
- Reduces ammonia and nitrogen levels.
- Significantly reduces noxious odors caused by dead algae, fish fecal matter and urine.
- Reduces hydrogen sulfide, which creates strong, offensive odors.
- Reduces biological oxygen demand (B.O.D.)
- Reduces buildup of bird droppings, fish feed, and dead leaves.
- Contains nitrifiers, including both nitrosomonas and nitrobacter species.
- Contains photosynthetic bacteria which reduces cloudy water by promoting flocculation and settling of organic and inorganic particles.

*Basic Application: 12 oz treats approximately 750 gallons.
Maintenance dose is approximately 4 oz for 750 gallons.*

- MLPL16** - Microbe-Lift® PL - 16 oz
- MLPL32** - Microbe-Lift® PL - 32 oz
- MLPLG** - Microbe-Lift® PL - 1 gal



ALGAWAY 5.4

- Keeps pond water clear and algae free and is safe for both fish and plants!
- Kills most planktonic, filamentous, and mat algae quickly and efficiently.
- Blend of naturally occurring organisms that will balance the ecosystem in your pond.
- Helps to break down the dead algae and bottom sediments, and eliminates odors.
- Eliminates plugging of irrigation lines and pumps.
- Cuts pond maintenance.
- When using Algaway 5.4 with Microbe-Lift®, Algaway 5.4 should be added first when visible algae is present. Wait two days after any Algaway 5.4 application before applying any Microbe-Lift®.

Basic Application: A 16 oz bottle will treat 5,678 gallons

- MLALGA08** - Microbe-Lift® Algaway 5.4 8 oz
- MLALGA16** - Microbe-Lift® Algaway 5.4 16 oz
- MLALGA32** - Microbe-Lift® Algaway 5.4 32 oz
- MLALGAG** - Microbe-Lift® Algaway 5.4 1 gal
- MLALGA2.5** - Microbe-Lift® Algaway 5.4 2.5 gal



SLUDGE AWAY

- Binds phosphates.
- Helps improve pond clarity.
- Disperses quickly.
- Organic and microbial based.
- Provides rapid and natural sludge and muck removal.
- Specifically formulated for the removal of organic bottom solids.
- Especially helpful for ponds that have a rock or gravel bottom.



Basic Application: 9 oz treats approximately 750 gallons.

Maintenance dose is approximately 7.5 oz for 750 gallons for next 4 weeks.

- MLSA32** - Microbe-Lift® Sludge Away Quart
- MLSAG** - Microbe-Lift® Sludge Away Gallon

SPRING/SUMMER CLEANER

- Specially formulated to accelerate the breakdown of leaves, small branches, and other accumulated dead organic waste.
- Natural, nontoxic, non-caustic.
- A seasonal approach for proper bacterial balance in ponds.
- Each box contains 8 (2 oz.) water soluble bags.

*Basic Application for a 750-gallon Pond Size:
1st month's application — 2 bags
2nd month's application — 1 bag
3rd month's application — 2 bags
4th month's application — 1 bag*



- MLSSQ** - Microbe-Lift® Spring/Summer Cleaner

AUTUMN/WINTER PREP

- Will continue to provide sustained biological activity in water temperatures under 55°F (12°C).
- Helps to jump-start your pond to a healthier environment in the spring.
- Helps to maintain a healthy immune system for your fish during the winter months.
- Reduces buildup of dead leaves and organic sediment all winter long.

*Basic Application for a 750-gallon Pond Size:
1st month's application — 6 oz. 3rd month's application — 8 oz.
2nd month's application — 7 oz. 4th month's application — 9 oz.*



- MLAWPQ** - Microbe-Lift® Autumn/Winter Prep Quart
- MLAWPG** - Microbe-Lift® Autumn/Winter Prep Gallon

PROFESSIONAL BLEND

A blend of microbes that contain specially formulated strains of bacteria manufactured for use by landscape, irrigation and pond professionals. Contains photosynthetic bacteria.



MLPL1G - Prof. Blend Liquid - 1 gal /4 cs

MLPLB5G - Prof. Blend Liquid - 5 gal.

MLPBD2X100 - Professional Blend Dry - 100 ct/ 2 oz pkt

MLPBD8X50 - Professional Blend Dry - 50 ct/ 8 oz pkt

HC

- Specially formulated for larger natural ponds, lakes, and lagoons.
- Breaks down dead algae.
- Dissolves away organic sludge.
- Contains nitrifiers, including both nitrosomonas and nitrobacter species.
- Effective over a wide pH range.



*Basic Application for 5,000 to 10,000 gallons:
1st application: 32 oz.
Weekly for one month: 16 oz.
Maintenance: 16 oz. per month*

MLHCG - Microbe-Lift® HC - 1 gal

MLHCG5 - Microbe-Lift® HC - 5 gal

AQUA XTREME

- Buffered water conditioner.
- Detoxifies nitrites, copper, and heavy metals.
- Removes and detoxifies chlorine and ammonia.
- Destroys chloramines.
- Boosts alkalinity.
- Adds essential electrolytes and slime coat replacer to reduce stress in your pond fish.



MLXTREME16 - Microbe-Lift® Aqua Xtreme - 16 oz
Treats up to 960 gallons

MLXTREME32 - Microbe-Lift® Aqua Xtreme - 32 oz
Treats up to 1920 gallons

MLXTREMEG - Microbe-Lift® Aqua Xtreme - 1 gal
Treats up to 7680 gallons

DEFOAMER

Gets rid of unsightly foam fast, leaving pond water clean and clear. Persistent foaming can indicate a heavy concentration of undissolved organics. Partial water changes can improve water quality which will help reduce foaming.

MLDEFOAM16 - Microbe-Lift
Defoamer - 16 oz
Treats up to 8,000 gallons

MLDEFOAM32 - Microbe-Lift
Defoamer - 32 oz
Treats up to 16,000 gallons



7.5 pH BUFFER/STABILIZER

- Safely buffers pH levels and prevents wide pH swings.
- Includes 2 pH buffers for gentle effectiveness and 3 electrolytes to help maintain osmotic balance.
- Provides necessary alkalinity for nitrification.
- Specially formulated to control fish toxicity which may arise from overdosing.
- Not harmful to fish or plants.

Basic Application:

To LOWER the pH and hold it at 7.5, add 1 level scoop (included) per 100 gallons of pond water. To RAISE the pH and hold it at 7.5, first adjust the pH with Microbe-Lift® pH Increase. Next add one level scoop per 100 gallons of pond water. DO NOT mix this product with any other chemicals before adding to pond because reactions may occur.



MLPHBUF1 - Microbe-Lift® 7.5 pH Buffer/Stabilizer 1 lb

MLPHBUF6 - Microbe-Lift® 7.5 pH Buffer/Stabilizer 6 lb

pH DECREASE

Safely Lowers pH Levels

- Formulated in deionized water
- Includes 2 pH decreaseers for gentle effectiveness and 3 electrolytes to help maintain osmotic balance
- Contains a slime coat ingredient for skin protection and stress reduction in pond fish
- Has a chelating agent to enhance water quality
- Not harmful to fish or plants

APPLICATION: Test pond water the same time each day (dawn=lowest pH; dusk= highest pH). Most ponds target at 7.5pH with an alkalinity level between 100-200 ppm (normal range). Add one ounce per 375 gallons of pond water for every 0.1 pH unit decrease desired.

Apply MICROBE-LIFT pH DECREASE in several steps and measure pH before next addition. If your pond contains fish and/or plants, do not dramatically raise your pH levels more than 0.5 pH unit in a 24 hour period, as not to shock aquatic life and/or fish.



MLPHDE32 - pH Decrease - 32 oz

MLPHDEGAL - pH Decrease - 1 gal

DECLORINATOR PLUS

- Contains a pH buffer.
- Contains 2 slime coat ingredients for replacement and conditioning as well as ammonia burn in pond fish.
- Contains added electrolytes for stress reduction in fish.
- Can be used in both fresh and saltwater.
- Microbe-Lift® Dechlorinator Plus will not harm fish or plants.

Basic Application:

One ounce per 150 gallons of pond water will neutralize over 4 ppm of chlorine and chloramine. Add measured Microbe-Lift® Dechlorinator Plus to the pond before adding new or replacement water at the rate of one ounce per 150 gallons of new or replacement water, and it will dechlorinate the added water immediately before it becomes toxic to fish.



MLDECL16 - Microbe-Lift® Dechlorinator Plus 16 oz



BROAD SPECTRUM DISEASE TREATMENT

- Formulated with Malachite Green Chloride instead of the more toxic oxalate salt.
- Use for treatment and control of diseases caused by Ich, Costia, Trichodina, Chilodonella, Oodinium, and fungal infections.
- Can be used in water temperatures as low as 50° F allowing treatment in early spring and late fall



Contains: Water, formaldehyde (<22%), and malachite green chloride (<0.2%)

MLBSDT16 - Broad Spectrum Disease Treatment - 16oz
Treats up to 4,800 gals

MLBSDT32 - Broad Spectrum Disease Treatment - 32 oz
Treats up to 9,600 gals

MLBSDT GAL - Broad Spectrum Disease Treatment - 1 Gal
Treats up to 38,400 gals

LICE AND ANCHOR WORM-PONDS

- Treats conditions caused by Fish Lice (Argulus) & Anchor Worm (Lerea)
- Use in any water temperature above 40° F
- If used with Microbe-Lift Restore the treatment is even more effective
- Not recommended for use with Crustaceans
- Not for use with fish or aquatic invertebrates intended for human consumption



MLAWP16 - Lice and Anchor Worm - Ponds - 16 oz.
Treats up to 4,800 gals

MLAWP32 - Lice and Anchor Worm - Ponds - 32 oz.
Treats up to 9,600 gals

MLAWPG - Lice and Anchor Worm - Ponds - 1 Gal
Treats up to 38,400 gals

KH - ALKALINITY BIO-ACTIVE BOOSTER

When pond carbonate levels fall below the necessary level, nitrification will stop and will fail to start again. Maintain 50-100 ppm KH at all times to assure nitrification. With the loss of KH (carbonate alkalinity) pH levels will vary and pH will be difficult to control as KH stabilizes pond pH.

Dosage Rate:

A full flat level scoop (enclosed) will raise the KH by approximately:

80/ppm in 30 gallons (113 L)

50/ppm in 50 gallons (189 L)

25/ppm in 100 gallons (378 L)



MLCABP02 - KH Bio-Active Booster - 2 lb/ 12 per case

MLCABP08 - KH Bio-Active Booster - 8 lb/ 4 per case

PARAZORYNE

Ready-to-Use Concentrate

Effective against these Parasitic Infections

- White Spots
- Costia
- Flukes
- Trichodina
- Oodinium
- Chilodonella



Microbe-Lift Parazoryne™ supports the fish's immune system, driving off the excess parasites. Since they cannot return to the fish during that treatment, the majority of the parasites will starve without a host. So, although Parazoryne™ does not directly kill parasites, it is ultimately responsible for their death.

MLPARAN16 - Parazoryne RTU Concentrate 16 oz.
Treats 1,183 gal for 10 days

MLPARAN32 - Parazoryne RTU Concentrate 32 oz.
Treats 2,365 gal for 10 days

SABBACTISUN

Ready-to-Use Concentrate

Effective against these Bacterial Diseases

- Bacterial Dropsy
- Milky Skin
- Ulcers
- Mouth rot
- Raised scales
- Fungus
- Fin/ tail rot
- Bulging eyes



Unlike many chemical and antibiotic treatments available, Microbe-Lift Sabbactisun™ can also speed up damaged tissue regeneration. It is made from plant and herbal extracts and is environmentally friendly. This product is harmless to all nitrifying bacteria and aquatic plants.

MLSBACTN16 - Sabbactisun RTU Concentrate 16 oz.
Treats 1183 gal for 10 days

MLSBACTN32 - Sabbactisun RTU Concentrate 32 oz.
Treats 2365 gal for 10 days

CALCIUM MONTMORILLONITE CLAY

- 100% natural.
- Specially formulated for pond clarity and koi health, growth, and color.
- Fish nutrition through mineral ingestion.
- Immunity against viruses.
- Improves fish color.
- Detoxifies and clarifies pond water (polishing).
- Keep out of reach of children.



Application Rates:

100 - 249 gallons 1 level **teaspoon** twice weekly

250 - 500 gallons 1 level **tablespoon** twice weekly

501 - 1,000 gallons 2 level **tablespoons** twice weekly

MLMC2 - Microbe-Lift® Montmorillonite Clay 2 lbs

MLMC4 - Microbe-Lift® Montmorillonite Clay 4 lbs

MLMC6 - Microbe-Lift® Montmorillonite Clay 6 lbs

MICROBE-LIFT®

CONCENTRATED BARLEY STRAW EXTRACT & PEAT

- Tip & pour container for convenient measuring for precise usage
- Includes liquid Peat to help maintain an ideal PH
- Goes to work immediately and can be used all year long
- Formulated to naturally balance pond water and improve clarity
- No messy residue



- Safe for aquatic life, plants, humans, or pets

MLBSEP16 - Barley Straw Extract & Peat - 16oz

MLBSEP32 - Barley Straw Extract & Peat - 32oz

Peat - 32oz

MLBSEP64 - Barley Straw Extract & Peat - 64oz

MLBSEPG1 - Barley Straw Extract & Peat - 1gal

BARLEY STRAW PELLETS +

- Direct placement in pond enhances substrate.
- Disperses quickly.
- Revolutionary formula includes natural peats and humates.
- Buffers pH.
- Works year-round.
- Provides a slow, steady release of beneficial ingredients by natural biological activity.
- Decomposition process starts immediately.
- Concentrated barley straw enriched with peat and humic acid.

Application Rate: Approximate application rate is 1 pound of pellets per 500 gallons of water.

MLBSP02.2 - Microbe-Lift® Barley Straw Pellets + - 2.2 lb bag • Treats 400 gallons for 6 months

MLBSP04.4 - Microbe-Lift® Barley Straw Pellets + - 4.4 lb bag • Treats 800 gallons for 6 months

MLBSP10.5 - Microbe-Lift® Barley Straw Pellets + - 10.5 lb bag • Treats 2,500 gallons for 6 months

MLBSP25 - Microbe-Lift® Barley Straw Pellets + - 25 lb pail



**Larger sizes available as a special order

POND SALT CRYSTALS

Will help maintain a healthy pond environment and reduce the threat of parasitic disease in pond water.

Temporarily blocks the toxic effect of nitrite, and by initiating the production of a thicker slime coat on the fish's body surface, helps to promote a stronger immune system and reduce stress.

Dosage Rate:

*½ cup for 10 gallons
5 cups for 100 gallons*

MLPSALTM - Microbe-Lift® Pond Salt Crystals 5 lbs



BIO-BLUE & BIO-BLACK (ENZYMES & POND COLORANT)

- Two products that safely color water while their enzymes assist the beneficial bacteria.
- Will not stain birds, fish, pond rocks, or most concrete fountains once diluted.
- Safe for humans, plants, and aquatic life.
- Mixes completely in hours.
- This bacterial product does not contain any nutrients!

Basic Application:

16 oz bottle will treat up to 8,000 gallons

MLBB16 - Bio-Blue Enzyme & Pond Colorant - 16 oz

MLBBLACK16 - Bio-Black Enzyme & Pond Colorant-16 oz.



AQUATIC PLANTING MEDIA

Pre-Colonized With Beneficial Bacteria! All Inert Ingredients! No Fertilizer, Compost, Peat or Pesticides!

100% Natural Minerals! Kiln Fired!

- Ideal when potting aquatic plants
- Retains oxygen
- Enormous surface area perfect to colonize beneficial nitrifying bacteria
- Allows mixing any ratio of loam to planting media
- Nontoxic to plants
- Will not break down, float or cloud pond water
- Safe for all fish and aquatic life

Contains no nutrients

MLCAPM10 - Planting Media with Bacteria - 10 lb

MLCAPM20 - Planting Media with Bacteria - 20 lb



GREEN CLEAN GRANULAR ALGAECIDE



Fast, Reliable Algae Control

- An EPA-registered, non-copper algaecide that kills existing string algae on contact.
- Visible results in minutes!
- May be used in ornamental ponds and water gardens containing live fish and plants.
- GreenClean may also be used to control algae on non-painted surfaces such as brick and gravel.
- The reduced risk, peroxygen chemistry is organic listed and biodegradable.

*Dosage Rate :As preventative - 1½ tablespoons per 500 gal of water
As treatment - ½ cup per 500 gal of water*

RETAIL SIZES

BSGC01 - 1 lb Container
(Case of 12)

BSGC02 - 2 lb Container
(Case of 12)

BSGC08 - 8 lb Container
(Case of 4)

BSGCTAB- 3 lb Green Clean Tabs
(Case of 12)

COMMERCIAL SIZES

BSGC20 - 20 lb Container

BSGC50 - 50 lb Container

BSGC PRO - 50 lb bag Green Clean Pro



CERTIFIED ORGANIC BARLEY STRAW

Our barley straw is Certified Organic and grown in the USA!! It is fish and pond life friendly! There are no herbicides, pesticides or chemicals used on any of the fields.

Barley Straw does not remove existing algae, but rather as the straw decomposes in the water, byproducts are released inhibiting the growth of algae. The temperature of the water is an important factor. If the water temp is 40 degrees it may take up to 2 weeks for the straw to become active. When the water temperature is above 40 degrees the straw becomes active faster.



Well oxygenated conditions are essential to ensure the straw will decompose. If the straw is in a compacted state with restricted water movement through the straw, the effectiveness is extremely reduced.

To be most effective, place the straw in or near a waterfall or stream in a mesh bag. As the straw decomposes it will sink. Do not allow it to sink deeper than 3 feet. The straw needs a continuous exposure to both water and oxygen.

Barley straw should be added very early in the spring when the water temp is low. A replacement should be added before the first bag is completely decomposed. Ponds that have a high content of suspended mud it may be necessary to add more straw than in clear water.

OBS-8 - Barley Straw in Mesh Bag – 8 oz
8 oz barley straw treats approximately 1000 gallons for 3-4 months

BioSafe

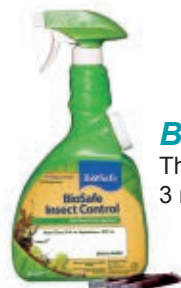
BIO SAFE DISEASE CONTROL®

Keep plant diseases such as Powdery and Downy Mildew, Late Blight, and Black Spot from damaging your customer's gardens with its powerful activated peroxygen chemistry. Use on flower and vegetable gardens, shrubs, and trees. Recommend they spray all season long to prevent loss and promote stronger, healthier plants.

- Begins Working Immediately
- Eliminates Mildew, Blights, Wilts & More
- Biodegradable & Leaves No Harmful Residue

BSRTDC-S - BioSafe Disease Control Ready to Spray 32 oz

BSRTDC-U - BioSafe Disease Control Ready to Use 32 oz



BIO SAFE INSECT CONTROL®

The 3% Azadirachtin commercial strength formula - 3 modes of action, inhibits growth, feeding, and reproduction for total plant protection.

- Repels & Kills Aphids, Spider Mites, Stink Bugs, & More
- Unique Packaging Offers 3 Applications From 1 Container
- Superior Botanical Ingredients, Derived From Neem Tree
- Biodegradable & Leaves No Harmful Residue

BSRTAZaG - BioSafe Insect Control (Formerly Azaguard) Ready to Use 32 oz

TEST STRIPS AND KITS

INDIVIDUAL LIQUID TEST KITS

PC160 - Wide Range pH (case of 12)
Tests pH levels from 5.0 to 9.0.
(160 tests)



PC26 - API Nitrite Test Kit (24 per case)
Reads nitrite levels from 0 ppm to 5 ppm
(180 tests)

PCLR8600 - Ammonia Test Kit (24 per case)
Reads ammonia levels from 0 ppm to 8 ppm.
(130 tests)



AMMONIA TEST STRIPS - 25 Strips

PC33D - Ammonia AQ Test Strips - 24/cs
• Monitor toxic ammonia levels easily to maintain fish health.

KH CARBONATE HARDNESS TEST KIT

PC59 - Carbonate Hardness Test Kit
• Tests for carbonate hardness (KH).
Can be used to determine the proper dose of pH buffers.



PC63L - Phosphate Test Kit (24 per case)
Tests phosphate levels from 0 - 10 ppm
(150 tests)

PC65L - Dry Tab Copper Test Kit (24 per case)
Tests copper levels from 0 to 8 ppm in fresh or saltwater (90 tests)



NITRATE TEST KIT

PCLR1800 - Nitrate Test Kit - 24 cs
• Measures nitrate levels in both fresh & saltwater aquariums. Tests nitrate levels from 0 to 160 ppm. 90 tests per kit.

5-IN-1 TEST STRIPS

- Dip strip directly into the pond.
- Directions and product recommendations included.

PC164F - 25 strips per package
(6 pks per case)
Tests for Nitrate, pH, GH, KH, & Nitrite



MASTER LIQUID TEST KIT

- A complete kit for testing pond water.
- Kit contains instruction book, computer-analyzed laminated color cards, four test tubes and holding tray.

Contains 1 each of the following test kits:

- **Wide Range pH**
- **Nitrite**
- **Ammonia**
- **Phosphate**
(limited availability with salt level)



PC164M - Master Liquid Test Kit (Case of 12)

— WATER TESTING —

Don't make the mistake of presuming clear water to be healthy water.

Poor water quality is the root of most fish problems and many plant problems as well, including algae growth. Routine water testing is essential to maintaining a healthy pond.

"An ounce of prevention is worth a pound of cure."

MOSQUITO DUNKS®



- Kills mosquito larvae in the Water Garden and other standing water around the home before they are old enough to bite.
- Float one Dunk for each 100 sq feet of surface area regardless of the depth.
- When used in smaller areas they may be broken into pieces.

- Place a new Dunks in the water every month. Dunks retain their potency indefinitely when dried out or unused.

MD224 - 2 per card (24 cards per case)

MD205 - 20 per card (5 cards per case)

SCARECROW MOTION ACTIVATED SPRINKLER

Scarecrow senses animals the same way security lights detect people; movement and heat. When an animal is seen, a valve opens instantly releasing a three second pulsating spray of water. The combination of the sudden noise, movement, and water frightens animals away.



- Uses 2-3 cups of water per deterrence
- Runs for months and 'fires' up to 5000 times on one 9 volt battery
- Detects animals day and night
- Easy to install, move, and store

EPSCARE - Scarecrow Motion Activated Sprinkler

WATER CLARITY/ALGAE CONTROL



ALGAEFIX®

For Ponds Containing Live Plants and Fish

- Helps control "green water" algae blooms, blanketweed (Oedogonium), and string algae.
- Keeps ornamental ponds and water gardens clean and clear.



PC169A - 8 oz treats 2,400 gal. (Case of 12)

PC169B - 16 oz treats 4,800 gal. (Case of 12)

PC169C - 1 gal. treats 38,400 gal. (Case of 4)

PC169D - 64 oz 19,200 gal. (Case of 6)

PC169G - 32 oz treats 9,800 gal. (Case of 6)

PC169J - 2.5 gal. treats 96,000 gal. (Case of 2)

POND ZYME® SLUDGE DESTROYER

Heavy Duty Pond Cleaner

- Cleans and clarifies pond water.
- Starts working in minutes.
- Eliminates troublesome organic sludge and debris.
- Helps maintain a natural healthy balance in the pond.



PC146 - 8 oz treats up to 8,000 gal. (Case of 12)

PC146B - 1 lb. jar treats up to 16,000 gal. (Case of 6)

MICROBIAL ALGAE CLEAN®

- The first EPA registered bacterial algaecide
- Patented strain of bacteria is the most reliable
- Reduces offensive odors from the pond
- Removes annoying organic sludge and debris
- Biological inhibitor of green water
- Improve dissolved oxygen levels
- Promotes a cleaner pond environment
- Non-toxic Safe for fish and plants, including freshwater fish, aquatic invertebrates, honeybees and avian animals



PC269B - 16 oz treats 4,800 gal. (Case of 12)

PC269D - 64 oz treats 19,200 gal. (Case of 6)

PC269G - 32 oz treats 9,600 gal. (Case of 6)

ACCU-CLEAR®

Pond Clarifier

- Keeps ponds clear during peak summer months.
- Quickly clears cloudy pond water.
- For a cleaner, clearer pond use in conjunction with Pond-Zyme Plus
- Improves pond filter efficiency.



PC142B - 16 oz treats 4,800 gal. (Case of 12)

PC142C - 1 gal. bottle treats 37,854 gal. (Case of 4)

PC142D - 64 oz treats 19,200 gal. (Case of 6)

PC142G - 32 oz treats 9,600 gal. (Case of 6)

SIMPLY CLEAR

- Fast-acting bacterial clarifier.
- Contains beneficial microbes
- Promotes a healthier environment.

PC248B - 16 oz treats up to 4,000 gal. (Case of 12)

PC248C - 1 gal treats 32,000 gal (4 per case)

PC248D - 64 oz treats up to 8,000 gal. (Case of 6)

PC248G - 32 oz treats up to 16,000 gal. (Case of 6)



STRESS COAT®

Fish and Water Conditioner

- Instantly removes chlorine and breaks the chloramine bond.
- Contains Aloe Vera to help heal wounds and torn fins.
- Use when setting up a pond, adding fish, or changing pond water.



PC140B - 16 oz treats 1,920 gal. (Case of 12)

PC140C - 1 gal. treats 15,360 gal. (Case of 4)

PC140D - 64 oz treats 7,680 gal. (Case of 6)

PC140G - 32 oz treats 3,840 gal. (Case of 6)

CHLORINE AND HEAVY METAL NEUTRALIZER®

Dechlorinator

- Instantly makes tap and well water safe for pond life.
- Use when setting up a pond or changing pond water.



PC141B - 16 oz treats 9,600 gal. (Case of 12)

PC141G - 32 oz treats 19,200 gal. (Case of 6)

PIMAFIX®

Antifungal Remedy for Koi and Goldfish

- Use when introducing new fish.
- Safe for aquatic plants.
- Will not adversely affect the biological filter, alter the pH, or discolor the water.

PC178B - 16 oz. treats up to 2,400 gal. (Case of 12)

PC178C - 64 oz. treats up to 9,600 gal. (Case of 4)



MELAFIX®

Antibacterial Remedy for Koi and Goldfish

- Treats ulcers and open wounds.
- Rapidly repairs damaged fins.
- Treats fin and tail rot.
- Use when introducing new fish.
- Safe for aquatic plants.
- Will NOT affect the biological filter or alter the pH of the pond.

PC176B - 16 oz. treats up to 4,800 gal. (Case of 12)

PC176C - 64 oz. treats up to 19,200 gal. (Case of 4)



— Treatment Tips —

Use Pimafix to treat fungus, and use in combination with Melafix for persistent bacterial infections. For damaged fins and open wounds, treat with Melafix.

Treatment	Fungal Infection	Bacterial Infection	Open Wound
Primary	PIMAFIX	MELAFIX	MELAFIX
Secondary	—	PIMAFIX	—

PLANT CARE

AQUATIC PLANTING MEDIA

Ready-To-Use Potting Soil

- Will not float or cloud the pond water when plants are moved, fertilized, or disturbed by fish.
- Will not clog filters or pipes.
- Securely anchors the plants in the pot without using heavy clay soil.
- Allows water to slowly move through the root zone, carrying nutrients from the pond to the plant roots.
- Makes it easy to divide and re-pot aquatic plants when necessary.

AP187B - 10 lbs. (Case of 4)



WATER TREATMENTS

pH ADJUSTERS FOR PONDS

- pH Up makes pond water more alkaline.
- pH Down makes pond water more acidic.
- Both products are phosphate-free and will not promote algae growth.

PC170B - 16 oz - pH Down (Case of 12)

PC171B - 16 oz - pH Up (Case of 12)



POND SALT

Natural Fish Tonic

- Made from evaporated sea water (not just a table salt or rock salt).
- Helps eliminate the toxic effects of Nitrite.

PC156 - 1gal./ 145 oz. treats up to 1,200 gal. (Case of 4)

PC156C - 1/2 gal./ 65 oz. treats up to 550 gal. (Case of 6)

PC106D - 50 lb. bulk container treats up to 6,200 gal. (Case of 1)



ACTIVATED FILTER CARBON

- A special blend of highly activated carbon that removes colors, odors, and poisonous waste from pond water.

Dosage is 1 cup per 100 gal

PC76C - 28 oz. (Case of 12)

PC73F - 1 cu. ft. Bulk



AMMO-CHIPS®

- A rechargeable ammonia remover that promotes a healthy pond environment.

Dosage is ¼ cup per 10 gal

PC79C - 48 oz. (Case of 12)



AMMO-CARB®

PC80C - API Ammo-Carb 40 oz - 12/cs

PC80D - API Ammo-Carb .75 cu ft

- Filtration media for the freshwater hobbyist that mixes Ammo-Chips and Activated Filter Carbon to rid aquarium water of dissolved organic materials and ammonia.



CALCULATING POND VOLUME

It is necessary to know the volume of pond water you are treating to accurately use most pond treatments. You do not have to be exact but DO NOT Guess. In this day of smart phones it is pretty easy to quickly have the calculations done for you, if you have a few basic measurements. And even if you need to do those calculations yourself it is not difficult if you have the basic formulas so here they are:

First calculate the surface area -

Square or rectangular ponds:
Length x width

Oval or Round Ponds:
(Length/2) x (width/2) x 3.14

To calculate pond volume from the surface area -

Surface area x average depth
x 7.48 = volume in gallons

CHENGRO QUALITY KOI FOOD

ChenGro Quality Koi Food is the result of years of the most advanced bio-technical research available combined with standard, time-tested and proven Koi nutrition. Chengro is unsurpassed in the industry, even when compared to foods that cost much more. ChenGro's Quality Koi foods contain their patented blend of natural amino acids and specially formulated digestive enzymes to assist your fish in digesting the food more completely.

SPRING AND FALL FORMULA & WHEAT GERM STIX 32% Protein

This food is made from a natural vegetable and plant-based formula which helps your fish digest their food and keep them in optimum health during the beginning and end of the season when water temperatures are coldest between 50-60F. It contains reduced amounts of protein and increased amounts of natural carbohydrates.

Spring & Fall Pellet

- CGSFP02B** - 2 lb bag
- CGSFP10T** - 10 lb tub
- CGSFP20T** - 20 lb tub

Floating Wheat Germ Stix

- CGFWG02B** - 2 lb bag
- CGFWG10T** - 10 lb tub
- CGFWG20T** - 20 lb tub



Guaranteed Analysis: crude protein (min) 32%, crude fat 4%, crude fat (max) 4%, ash (max) 10%, moisture (max) 10%.

Ingredients: wheatgerm meal, wheat flour, dehydrated alfalfa meal, calcium phosphate, brewers dried yeast, salt, calcium carbonate, iron protinate, garlic, vitamin E supplement, choline chloride, inositol, aspergillus niger, aspergillae oryzae, stabilized vitamin C, manganese proteinate, zinc proteinate, biotin, niacin, pantothenic acid, vitamin K, vitamin A acetate, copper proteinate, vitamin D-3 supplement, riboflavin supplement, pyridozine hydrochloride, calcium iodate, thiaminemonitrate, sodium selenite.

GROWTH AND COLOR FORMULA & Koi STIX 38% Protein

This superb formula promotes growth and color enhancement in all fish, from competition Koi to goldfish. It contains the exact amount of Spirulina (color enhancer) necessary to greatly intensify your fish's reds and blacks while maintaining brilliant whites. Unique to ChenGro's formulas are natural amino acids specifically formulated to enable your fish to digest our food more completely.

Growth and Color Pellet

- CGGCP02B** - 2 lb bag
- CGGCP10T** - 10 lb tub
- CGGCP20T** - 20 lb tub

Koi Stix Growth and Color

- CGSTGC02B** - 2 lb bag
- CGSTGC10T** - 10 lb tub
- CGSTGC20T** - 20 lb tub



Guaranteed Analysis: Crude protein (min) 38%, crude fat (min) 5%, crude fiber (max) 4%, moisture (max) 10%.

Ingredients: Herring/white fish meal, wheat germ meal, wheat flour, spirulina, shrimp meal, dehydrated alfalfa meal, calcium phosphate, brewers dried yeast, salt, calcium carbonate, iron proteinate, garlic, vitamin E, choline chloride, inositol, aspergillus niger, aspergillus oryzae, stabilized vitamin C, manganese proteinate, zinc proteinate, biotin, niacin, pantothenic acid, vitamin K, vitamin A acetate, copper proteinate, vitamin D3, riboflavin, pyridozine hydrochloride, calcium iodate, thiamine mononitrate, sodium selenite.

STAPLE AND POND STIX

34% Protein

ChenGro Staple is a complete nutritionally balanced floating fish food. It is an economical product for daily feedings of pond Koi and Goldfish.

Staple Pellet

- CGSP02B** - 2 lb bag
- CGSP05B** - 5 lb bag
- CGSP10T** - 10 lb tub
- CGSP20T** - 20 lb tub



Floating Staple Pondstix

- CGFLST02B** - 2 lb bag
- CGFLST05B** - 5 lb bag
- CGFLST10T** - 10 lb tub
- CGFLST20T** - 20 lb tub



Guaranteed analysis: Crude protein (min) 34%, crude fat (min) 3%, crude fiber (max) 3%, moisture (max) 12%, ash (max) 10%.

Ingredients: Fish meal, wheat flour, wheat germ, brewers dried yeast, dehydrated alfalfa meal, calcium phosphate, salt, calcium carbonate, iron proteinate, garlic, vitamin E, choline chloride, inositol, aspergillus niger, aspergillus oryzae, stabilized vitamin C, manganese proteinate, zinc proteinate, biotin, niacin, pantothenic acid, vitamin K, vitamin A acetate, copper proteinate, vitamin D3, riboflavin, pyridozine hydrochloride, calcium iodate, thiamine mononitrate, sodium selenite.

MICROBE-LIFT® LEGACY KOI & GOLDFISH FOOD

Ecological Labs Microbe-Lift/Legacy foods are made by the extrusion process - not pelleting. During extrusion the cell walls of all organic substances contained in the food are disintegrated under pressure. The nutrients hidden in that cells are thus easily accessible for digesting agents, resulting in much higher digestibility in comparison with pelleted or flaked food. Additionally the Legacy foods have an extremely low phosphorous content. This keeps fish waste to a minimum and helps to ensure superior water quality.

*"It's not just a fish food,
it's a complete nutritional feeding system!"*

Legacy foods contain Stabilized Vitamin C and probiotics—“Nature's Building Blocks”—that produce enzymes to help break down carbohydrates, protein, and fat.

SUMMER STAPLE™ FOOD

With added color enhancers, Floating Pellets (Primary)

As the warmer weather sets in, begin increasing the frequency and quantity of your feeding. The Summer Staple Food has the animal protein and color enhancers that are needed during this season. The added color enhancers are made up of astaxanthin (crab shell), spirulina, and krill, which all promote brilliant color development.

Guaranteed analysis: Crude Protein (Min.) 36%, Crude Fat (Min.) 6%, Crude Fiber (Max.) 5%, Moisture (Max.) 8%, Ash (Max.) 9%, Phosphorous (Max.) 1.3%.

- MLLSS13** - 13 oz. Legacy Summer Staple Food
- MLLSS23** - 2 lbs. 3 oz. Legacy Summer Staple Food
- MLLSS6** - 6 lbs. Legacy Summer Staple Food



MINI PELLETS

When your little fish deserve the very best!

Guaranteed Analysis: Crude Protein (Min.) 36%, Crude Fat (Min.) 5%, Crude Fiber (Max.) 4.5%, Moisture (Max.) 8%, Ash (Max.) 8%, Phosphorous (Min.) 1%.

- MLLMP07** - Legacy Mini Pellets 7 oz.
- MLLMP14** - Legacy Mini Pellets 14 oz.





- Specific protein: Our unique manufacturing process delivers protein bound amino acids to the fish which are highly utilized to help with enhanced growth, and reduced waste.
- Natural Zeolite is a microporous mineral well known for its adsorption properties that has the ability to reduce the toxic ammonia waste excreted by fish into water, resulting in cleaner water.
- Color enhancing: Marigold, Spirulina and Kelp bring out the vibrant natural colors of

your Koi. This color enhancing food, also contains vitamins and minerals that are essential for the development and maintenance of the vivid coloration in pond fish. API Pond food contains no artificial colors.

- Healthy growth: A special combination of protein and bound amino acids will help your Koi gain weight and size to produce the perfect body shape. The blend of fish and plant proteins, provide the correct nutrition for young fish to have, optimal growth.
- Immune Support: Specific ingredients such as garlic, vitamins, anti-oxidants and Bio-Mos a prebiotic yeast, were selected to enhance fish performance, improve fish health, well-being and longer life.
- 100% complete and balanced nutrition supplemented with polychaete worms to increase palatability, pea protein to improve digestibility, marigold 'Tagetes' to provide natural carotenoids to bring out the colors of your fish.
- Feeding guide: When the water temperature is above 60°F: Feed your fish 2 or 3 times a day. Only feed them as much as they eat within 5 to 10 minutes.



- Koi Fish Food - Regular**
- PC194A** - 4mm 9.4 oz - 6/cs
 - PC194C** - 4mm 35 oz - 6/cs
 - PC194E** - 4mm 5.8# - 4/ cs
 - PC194G** - 4mm 14#



- POND FISH FOOD**
- PC198A** - 4mm 6.6oz - 6/cs
 - PC198C** - 4mm 25 oz - 6/cs
 - PC198E** - 4mm 4.2# - 4/cs
 - PC198G** - 4mm 9.3 #



- COOL WATER POND FISH FOOD**
- PC197A** - 4mm 9.4oz - 6/cs
 - PC197C** - 4mm 2.13# - 6/cs
 - PC197E** - 4mm 5.7# - 4/ cs
 - PC197G** - 4mm 13.2#

GROWTH & ENERGY™ FOOD

With added color enhancers (Primary)

When the warmer temperatures arrive, koi need a boost of protein for growth since they have depleted their fat reserves over the winter. In the fall, a higher protein diet is also required since pond fish need to bulk up in preparation for their winter fast. Use this feed at minimum temperature of 68° F (20° C). Pond fish really start to grow at this temperature. You can use this feed up to four times per day. Feed between 2% - 3% of the fishes' body weight per day.

Guaranteed Analysis: Crude Protein (Min.) 40%, Crude Fat (Min.) 7%, Crude Fiber (Max.) 4%, Moisture (Max.) 8%, Ash (Max.) 8%, Phosphorous (Max.) 1.3%.



- MLLHGE14** - 14 oz. Legacy Growth & Energy Food
- MLLHGE212** - 2 lbs. 12 oz. Legacy Growth & Energy Food
- MLLHGE611** - 6 lbs. 11 oz. Legacy Growth & Energy Food

VARIETY MIX FLOATING PELLETS AND STICKS (Blended Food)

Legacy™ Variety Mix is the answer for how to feed a complete blend of fruits, greens, carbohydrates, protein, wheat germ, vitamins, and probiotics to your koi and pond fish. It contains 25% of each of our most popular Legacy foods: Fruits and Greens, Summer Staple, High Growth and Energy, and Immuno-stimulant.

Guaranteed Analysis: Crude Protein (Min.) 37%, Crude Fat (Min.) 6.25%, Crude Fiber (Max.) 4.5%, Moisture (Max.) 8.5%, Ash (Max.) 8% Phosphorous (Max.) 1.3%



- MLLASVM13** - 13 oz Microbe-Lift Legacy Variety Mix
- MLLASVM 3** - 3 lbs Microbe-Lift Legacy Variety Mix

FRUITS AND GREENS FOOD™

Floating Sticks (Supplemental)

Variety is the spice of life. If you don't have time to cut up fruits and vegetables for your pond fish, give them this "fruits and greens" blend. There are apples, apricots, kiwis, mangos, papayas, peaches, pears, broccoli, cabbage, peas, red peppers, tomatoes, zucchini, and spinach in this scientific blend.

Guaranteed Analysis: Crude Protein (Min.) 36%, Crude Fat (Min.) 6%, Crude Fiber (Max.) 5%, Moisture (Max.) 8%, Ash (Max.) 8%, Phosphorous (Max.) 1.3%.



- MLLFG13** - 13 oz. Microbe-Lift Legacy Fruits and Greens Food
- MLLFG22** - 2 lbs. 2 oz. Microbe-Lift Legacy Fruits and Greens Food
- MLLFG6** - 6 lbs. Microbe-Lift Legacy Fruits and Greens Food

SINKING FOOD

Summer Staple Blend Sinking Pellets (Transitional Food)

Legacy™ Sinking (Transitional) Food pellets are a great way to make sure your newly added pond fish receive balanced meals while adjusting to their new surroundings. Generally, new fish are "shy" until they become more familiar with their surroundings and new neighbors. Additionally, Legacy Sinking Food is great for stressed or sick fish that don't come to the pond's surface and feed off the bottom of the pond.

Guaranteed Analysis: Crude Protein (Min.) 36%, Crude Fat (Min.) 6%, Crude Fiber (Max.) 5%, Moisture (Max.) 8%, Ash (Max.) 9%, Phosphorous (Max.) 1.3%.



- MLLSP20** - 20 oz Microbe-Lift Legacy Sinking Food
- MLLSP4** - 4 lbs. Microbe-Lift Legacy Sinking Food

Please inquire about a dispenser system for your fish food. Larger bulk sizes of food are available

MATALA PROGRESSIVE FILTER MEDIA

WHAT IS IT MADE OF?

Matala filtration Media is made of curly, non-toxic, fibers called Thermo Polypropylene Compounds (TTPC) that are formed into layers and shapes of different thicknesses.

WHAT ARE THE ADVANTAGES?

- Excellent surface area
- Good adhesion of nitrifying bacteria
- Lots of spaces in between the tri-dimensional filter media improving the early and even growth of bacteria
- Easy cleaning
 - Hose Flushing
 - Rinse and Dip
- Form stable and Self Supporting
- Easy to cut and fit
- Available in 4 Densities & Two sizes
 - Black Filter Mat - Low Density
 - Green Filter Mat - Medium Density
 - Blue Filter Mat - High density
 - Grey Filter Mat - Super High Density
 - Full Sheet measures at 48"x39"x1.5"
 - Half Sheet measures at 24"x39"x1.5"



Item #	Size	Density
MPFMGRY	Full Sheet Grey	Super High
MPFMBLU	Full Sheet Blue	High
MPFMGN	Full Sheet Green	Medium
MPFMBK	Full Sheet Black	Low
MPFMGRYH	Half Sheet Grey	Super High
MPFMBLUH	Half Sheet Blue	High
MPFMGNH	Half Sheet Green	Medium
MPFMBKH	Half Sheet Black	Low

MATALA EZ BIO FILTERS

**EZ TO INSTALL • EZ TO CLEAN
EZ TO INTEGRATE**

Universal hose tail 1", 1 1/4", 1 1/2"
BSPF 1 1/2" Female thread connection

MPEZBIO11

- EZ Bio 11 - Single Core
- Dimensions - 4.3" x 7.9"
 - as a prefilter - max. flow 1,980 gph
 - as a biofilter - max. flow 660 gph



MPEZBIO20

- EZ Bio 20- Double Core
- Dimensions - 7.9" x 7.9"
 - as a prefilter - max. flow 3,405 gph
 - as a biofilter - max. flow 1,135 gph

MATALA REPLACEMENT PADS FOR SAVIO SKIMMERS

Matala Green Medium Density Filter Mat - Cut to fit Savio Skimmers and Compact skimmers

MPSRC002 - Savio Compact - 2 pc.

MPSRS020 - Savio Standard - 1pc.

MATALA FILTER BRUSH

A High Quality filter brush. Place in front of skimmer to collect and trap large pieces of debris. The stiff hair fibers are comprised of non-toxic Polypropylene and the Center Cord is Stainless 401. The plastic ring adds an additional 3 inches to the length.



MPFB13 - Filter Brush 13" x 4" diameter

MPFB23 - Filter Brush 23" x 4" diameter

FILTRATION MEDIA

Polyester non-woven media available in both Bulk Rolls and smaller mini Rolls.

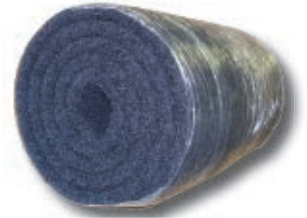


Mechanical Filtration Media

It's density allows for optimum particulate removal while maintaining an adequate water flow. This translates into high efficiency filtration without having to clean the pad too often.

Biological Filtration Media

These rolls of filter material are our most popular filter media. They are used in most US manufactured pond skimmers and waterfall units. The open character of this media allows for high volumes of water to pass through without clogging while providing optimal surface area to facilitate both Mechanical & Biological filtration.



Model #	Filtration Type	Thickness	Density	Color	Dimensions	UPS?
PFM28SP	Mechanical	1"	Fine	White	28" x 12'	Yes
PFM28JCBLK	Biological	1 1/4"	Coarse	Black	28" x 12'	Yes
PFM28JCII	Biological	2"	Coarse	Cream	28" x 10'	Yes
PFM56SP	Mechanical	1"	Fine	White	28" x 120'	No
PFM56JC	Biological	1 1/4"	Coarse	Cream	28" x 120'	No
PFM56JCII	Biological	2"	Coarse	Cream	28" x 90'	No



PFMBIOBLOX

Model #	Filtration Type	Thickness	Density	Color	Dimensions	UPS?
PFMBIOBLOX	Biological	1"	Medium	Multi	24 cu.ft. box	No
PFMBIO1CF	Biological	1"	Medium	Multi	1 cu.ft. box	Yes

ATLANTIC WATER GARDENS BIO ROCKS

AWGB0500 - Bio Rocks .5 cu ft Expanded clay bio-rocks
25% less weight than lava rock Half the weight of gravel
Same surface area as lava rock
More stable and less abrasive than heavy-weight bio-media

AWGBG2234 - Media Bag approx 22" x 34"

Black Mesh Bag with draw string



AQUATIC CONTAINERS

- Here are various containers that have either been created for, or adapted for, usage by water garden enthusiasts.
- Smaller containers and baskets can be used to grow individual plants from small, starter size to large specimens.
- Larger containers can be used as water features by themselves or turned into customized fish holding systems.
- Blue containers can be used to show off the colors and patterns on your fish.

ACWBL/S - Whiskey Barrel Liner with Spillway
26 1/2" x 15"

ACWBL - Whiskey Barrel Liner
26 1/2" x 15"

AC45AQ - Holds 45 gallons
29 1/2" x 17 1/2"

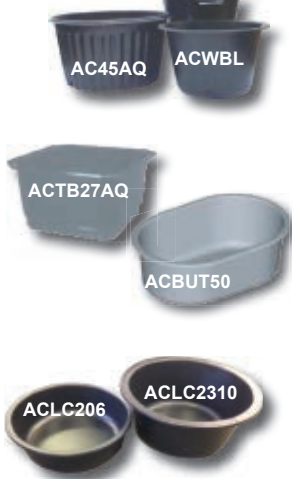
ACTB27AQ - Holds 45 gallons
26 1/2" x 26 1/2" x 16 1/2"

ACBUT50 - Bath Utility Tub
42" x 26" x 15"

ACKSB2310 - Koi Show Bowl
23" x 10" BLUE (not pictured)

ACLC206 - Lotus Container
20" x 6"

ACLC2310 - Lotus Container
23" x 10"



ACPDC/S4248 - Plant Display Container with Spillway
42" x 48" x 12" - 105 gallons

ACPDC4248 - Plant Display Container
42" x 48" x 12" - 105 gallons (not pictured)

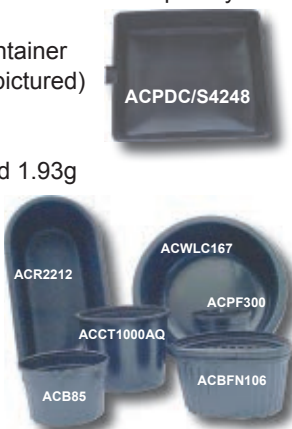
ACCT1000AQ - Injection Molded 1.93g
10" x 7 3/4"

ACBP85 - 8" x 5"

ACBFN106 - Marginal or Small Lily Planter
10" x 6"

ACWLC167 - Water Lily Container 16" x 7"

ACR2212 - ROSEANNE Marginal Plant Container
22" x 12" x 7"



ACBT - 6' x 2' Blue poly Tank
approx 400 gals



ACRM150 - Rubbermaid 150 Gal Stock Tank
38.5" x 58.5" x 25.3" Tall
Threaded 2" drain plug

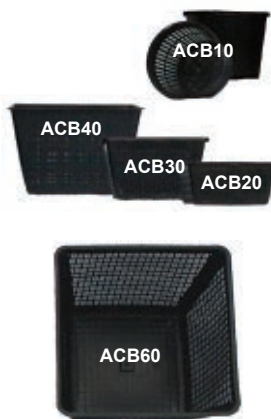


ACRM300 - Rubbermaid 300 Gal Stock Tank
64" x 68" x 25.5" Tall
Threaded 2" drain plug



PLANTING BASKETS

- Baskets have a variety of uses from submerged aquatics to water lilies and especially phyto (bog) filters.
- Large ones can be used to pre-screen pumps.



ACB10 - Small Round Basket
5" dia x 4" high

ACB20 - Small Square Basket
7 1/2" x 7 1/2" x 3 1/2" high

ACB30 - Medium Square Basket
9" x 9" x 5" high

ACB40 - Large Square Basket
11" x 11" x 7 1/2" high

ACB60 - X Large Square Basket
16" x 16" x 11" high

ACB50 - Large Kidney Basket
18" long

We have a limited availability of Molded Pools - Please Inquire

AQUATIC FERTILIZER



PONDABB'S FERTILIZER 10-14-8

- This is a specially formulated tablet for potted aquatic plants that maximize plant growth and flowering, and minimize algae growth.
- Junior size tablets are for use with aquatic marginals.

PT174 - Pondtabbs Juniors - 250 ct bottle/ 24 per case

PT175 - Pondtabbs - 20 ct bottle/ 24 per case

PT176 - Pondtabbs - 60 ct bottle/ 12 per case

PT177 - Pondtabbs - 1000 ct tub/ 4 per case

PT178 - Pondtabbs - 300 ct bottle/ 4 per case

HIGHLAND RIM FERTILIZER 10-26-10

- Specially formulated tabs for blooming aquatic plants.
- 10-26-10 ratio of nutrients.
- Provides nourishment for the most spectacular blooms possible!
- Especially recommended for Lotus.

HR12 - 12 ct packet (48 per case)

HR36 - 36 ct jar (12 per case)

HR80 - 80 ct jar (12 per case)

HR300 - 300 ct bucket (1 per case)

HR1000 - 1000 ct box (1 per case)



NYCON

NETS

NB06 - Fish Handling Net

Frame: 14" x 12" Handle: 36" Net Depth: 4"

NB10 - Fish Handling Net/Pond Cleaning Net**

Frame: 14" x 12" Handle: 48" Net Depth: 8"

UTILITY NETS & SKIMMERS

NC01 - Utility Pond Fish Net

Frame: 15" w x 14" l Handle: 45"- 68" telescopic
Net Depth: 12" 1" black mesh net

NK01 - Kwik-Kleen Skimmer Net

Frame: 14 "x10" Handle: 36" Net Depth: 4"

NK02 - Kwik-Kleen Skimmer Net

Frame: 16"x12" Handle: 46" Net Depth: 4"

NKF03 - Kwik-Kleen Skimmer Net

Frame: 16"x12" Handle: 4'-7" tele. Net Depth: 4"
Fine mesh black net

NK03 - Kwik-Kleen Skimmer Net

Frame: 16"x12" Handle: 4'-7" tele. Net Depth: 4"

NAT01 - String Algae Twister

- Quick easy way to remove many kinds of algae.
- Aluminum head, serrated to quickly remove algae.
- Telescopic handle extends from 28" to 46".

KOI KASTLES

- Provides koi with shade on sunny days and a place to hide from predators.
- Aluminum frame with mesh body sits on the bottom of pond.

NKK01 — Koi Kastle 9" x 7" x 18"

NKK02 — Koi Kastle 12" x 12" x 24"

FLOATING FLORA ISLANDS – FISH BARRIER

Confines floating water plants to a specific area and can be anchored. Keeps pond cleaner; leaves from plants are contained in a basket and won't pollute the pond. Dark mesh net minimizes visibility and enhances the beauty of the pond area.

- Protects plants from fish
- Provides shade for fish
- Reduces Algae
- Reduces clean-up time
- Easily stored at the end of the season

N.RFI-1 - Floating Flora Island 1.5' Round

N.RFI-2 - Floating Flora Island 2' Round

N.RFI-3 - Floating Flora Island 3' Round

FLOATING PLANT PROTECTOR

Protects long- stemmed plants, such as water lilies, from Koi and other fish.

- Fasten the bag around your container or anchor screen securely to the bottom of the pond.
- Dark Mesh net minimizes visibility and enhances the beauty of the pond.
- Black poly netting with drawstring.

N.RFI-D2 - Floating Plant Protector - 2' diameter 18" deep

N.RFI-D3 - Floating Plant Protector - 3' diameter 30" deep

N.RFI-D4 - Floating Plant Protector - 3' diameter 48" deep



KOI NETS & HANDLES

NKoiS3 - Koi Net Sock

Frame: 15" dia Handle: 48" 48" long sock net

NKoiS5 - Koi Net Sock/Transporter

Frame: 11 1/2" dia. Handle: 12" 54" long sock
Main portion of this Koi Sock holds water and won't remove the slime coat from the koi for safe transporting.

NKE15 - Economy Koi Net

Frame: 15" dia. Handle: 18"

NKE20 - Economy Koi Net

Frame: 20" dia. Handle: 36"

NKoiD1 - Deluxe Koi Net

Frame: 20" dia. Handle: 6" stub

NKH02 - 2 ft. Koi Net Handle

NKH04 - 4 ft. Koi Net Handle

NT612 - Telescope Net Handle

6 1/2" x 1 1/8" Telescoping Handle Only

FISH SPAWNING BASKET

- Floats or may be anchored to desired depth.
- Outer fuzzies catch eggs then turn inside to protect eggs and fry.



NFSB01 - Fish Spawning Basket

18" diameter x 18" deep

THERMOMETERS

- Clear butyrate casing.
- Fahrenheit and Celsius readings.

NT1 - Sinking Tether-cord Thermometer



PONDMASTER POND NETS

FEATURES:

- Telescoping Handle Extends to- 6 1/2'
- Heavy Duty Aluminum Construction
- Soft, Fish-Safe Nylon Netting
- Sure-Grip Handle

PMNET-AP - Telescoping Large All Purpose Net

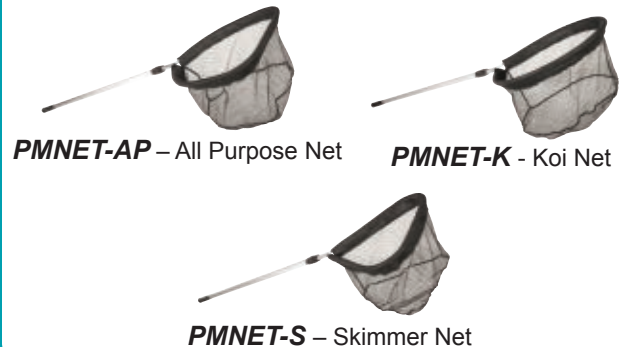
PMNET-K - Telescoping Large Koi Net

PMNET-S - Telescoping Large Skimmer Net

PMNet-SmAP - Fixed Handle Small All Purpose Net

PMNET-SmK - Fixed Handle Small Koi Net

PMNET-SmS - Fixed Handle Small Skimmer Net



POND NET COVERS

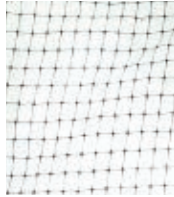
- Maintain healthy water by protecting the pond from excessive organic matter decomposing on the bottom.
- Put a suitable pond net cover over the pond as soon as the leaves start to fall.

ECONOMY POND NETTING - 3/4" Holes

PN-0710 - Economy Pond Netting 7' x 10'

PN-1414 - Economy Pond Netting 14' x 14'

PN-2828 - Economy Pond Netting 28' x 28'



DELUXE POND NETTING - 1/4" Holes

PN30-1012 - Deluxe Pond Netting 10' x 12'

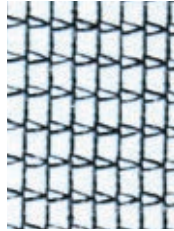
PN30-1220 - Deluxe Pond Netting 12' x 20'

PN30-2020 - Deluxe Pond Netting 20' x 20'

PN30-2030 - Deluxe pond netting 20' x 30'

PN30-3232 - Deluxe Pond Netting 32' x 32'

PNRE-Pins - 6-Pack of Pins for Netting



OASE POND VACUUMS

- Vacuum non-stop thanks to the patented two-chamber system - simultaneous vacuuming and emptying of the tank
- Removes organic and dirt particles up to 3/8 in. in diameter
- Sturdy, built-in wheels and adjustable handle allow for easy movement and transportation
- Clear extension tube (1.6 ft. L), which allows easy visual inspection to monitor operation
- includes a special string algae nozzle, a wide nozzle with a rubber lip, a crevice tool and a floor nozzle, the vacuum tube extension, as well as a debris collection bag for the water return.
- Suction hose is 16', discharge hose is 8', power cord is 13'

OA50409 - OASE Pondovac 4

- Maximum suction depth of 8ft.
- 1800 W motor with optimized blade



OA37230 - OASE Pondovac 3

- Maximum suction depth 7 ft.
- 1200-1400 W motor



BULK POND COVER NETTING

PN100-10 - Pond Netting 10' x 100'-3/4" mesh

PN100-20 - Pond Netting 20' x 100'-3/4" mesh

PN100-30 - Pond Netting 30' x 100'-3/4" mesh

PN100-10F - Pond Netting 10' x 100'-3/8" mesh-Fine

PN100-20F - Pond Netting 20' x 100'-3/8" mesh-Fine

- Premium Pond Cover Netting
- Strong black pond netting
- Netting is marked in 1' increments
- 3/4" Netting is available in 10', 20' and 30' wide rolls each 100' long
- 3/8" Netting is available in 10' and 20' wide rolls each 100' long



MATALA POND VACUUMS

- Four times more power than competition
- Suction lift 5' above water

MATALA® POWER-CYCLONE VACUUM

The Matala Power-Cyclone features a dual pump system where water is continuously sucked through the system and pumped back out of the tank allowing for much faster, consistent cleaning action. Debris is vacuumed into the 13 gal holding tank into a pre-filter bag to collect large solids first. Dirty water is pumped out to waste by the action of the internal 1HP sludge pump.

- 6' plastic extension pipe
- 26' of suction hose
- 32' of exhaust hose
- 4 nozzles
- 1500 gallon per hour vacuum/exhaust capacity



MPVC - Matala Power-Cyclone Vacuum



MPPV-2 - Matala "Muck Buster" Pond Vacuum II

- Holds 5.3 gallons of water
- Auto fill and drain cycle - 40 seconds vacuum 20 seconds drain
- Powerful 2 hp motor
- Includes vacuum, five extension tubes, four nozzles, discharge hose, suction hose, sludge collection bag and assembly hardware
- Suction hose is 16', discharge hose is 8', power cord is 16'



MPPVPro - Matala Pond Vacuum PRO

- Holds 9.5 gallons of water

ISLANDSCAPES

- Living floating gardens
- Improves water quality naturally
- Open weave matrix promotes growth all the way to the water line
- New mini pocket design for more planting creativity



- Lush growing environment for terrestrial plants
- Innovative open matrix that makes them a highly efficient Phytofilters, a four-stage biological system that removes Phosphate, Ammonia, Nitrate and Nitrite
- Contains Tether Ring for Anchor, special soil blend and planting instructions
- Maintenance Free

MODEL #	DIMENSIONS	BIOLOGICAL BENEFIT
FPIP050	27" x 19.5" x 4"	Up to 750 gal. pond
FPIP100	31.5" x 22.5" x 5.5"	Up to 1,000 gal. pond
FPIP200	40.75" x 30" x 5.5"	Up to 2,500 gal. pond



POND LOGIC® TRUEROCK™ COVERS

A Pond Logic® TrueRock™ makes a great addition to any landscape to protect valuable pond equipment and hide unsightly yard blemishes. Constructed from rugged fiberglass materials, TrueRock® Faux Rock Covers not only look like a rock – they are as strong too! They are great for covering aeration pumps, skimmers, waterfall boxes, tree stumps or anything else you want to hide from view



TRUEROCK™ BOULDER COVERS		
AMXTRBMini	Mini Boulder with Vent Holes 10" x 7.5" x 5"H	Covers: Pond Air 2 & Pond Air 4
AMXTRBS	Small Boulder with Vent Holes 18" x 15.5" x 10.5"H	Covers: Koi Air 1 & Koi Air 2
AMXTRBM	Medium Boulder - 27" x 21" x 14"H	
AMXTRBL	Large Boulder - 33"x 24" x 20"H	
TRUEROCK™ SKIMMER COVERS		
AMXTRCMini	Mini Cover - 22" x 19" x 3"H	Covers: Savio compact skimmer
AMXTRCS	Small Cover - 30" x 23.5" x 3"	
AMXTRCM	Medium Cover - 32" x 26" x 4"H	Covers: Savio full size skimmer
AMXTRCL	Large Cover - 42" x 36" x 5"H	



POND DE-ICERS BY FARM INNOVATORS

Heated Pond Saucer

- Energy efficient 200 watt pond de-icer to keep vent hole open.
- Low profile to minimize wind resistance and be less noticeable in pond.

FIPS200 - Heated Pond Saucer

Floating Pond De-Icer

- 1250 watts keeps a hole in ice for proper pond gas exchange.
- Aluminum-housed heating elements, thermostatically controlled, safe for all ponds, but use a GFCI system for protection against shock as with any electrical device.
- 3 year warranty.



FI1250 - Farm Innovators 1250 watt De-Icer

CREATEK - FAUX STONE



- Createk offers realistic stone formations for indoor and outdoor use.
 - Made of a polyester resin material.
 - Lightweight, yet very durable and weatherproof.
 - Several pieces are designed to be used to hide unsightly well heads, electrical outlets, or vent pipes.
 - They can also be used to hide your pumps or filters.
 - Most items are available in Granite or Brownstone.
- Unless otherwise specified granite will be shipped.*



CRPC-1 - Small Propane Cover -34 lbs

outer 36"l x 24"w x 20"h
 interior
 High 19"l x 12"w x 16" h
 Mid 27"l x 14"w x 12" h
 Low 18"l x 16"w x 2" h

CRPC-2 - Propane Cover

48 lbs
 outer 40"l x 38"w x 40"h
 interior
 High 25"l x 25"w x 28" h
 Mid 29"l x 28"w x 14" h
 Low 32"l x 32"w x 8" h

CRWC-1 - Well Cover -29 lbs

outer 27"l x 20"w x 25"h
 interior
 High 5"l x 7"w x 20" h
 Mid 12"l x 12"w x 11" h
 Low 19"l x 14"w x 2" h

CRWC-2 - Well Cover Triangular -25 lbs

outer 28"l x 26"w x 25"h
 interior
 High 6"l x 4"w x 22" h
 Mid 5"l x 10"w x 12" h
 Low 21"l x 14"w x 2" h

CRWC-3 - Well Cover -28 lbs

outer 25"l x 20"w x 28"h
 interior
 High 14"l x 7"w x 22" h
 Mid 17"l x 12"w x 12" h
 Low 21"l x 15"w x 2" h

CRWC-4-B - Well Cover -

27" x 24" x 24"

CRGS-1 - Natural Garden Seat – 33" x 18" x 14"



CRBB-3 - Large Bird Bath

Ground Version
 34.5"l x 27.5"w x 5"h

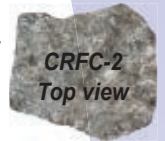
CRFC-1 - Key Stash/Filter Cover

outer 18"l x 15"w x 8"h
 inner 12"l x 10"w x 4" h



CRFC-2 - Filter Skimmer Cover

outer 33"l x 31"w x 16"h
 inner 28"l x 20"w x 3" h



CRFC-2
 Top view

CROC-1 - Outlet Cover

outer 17"l x 11"w x 15"h
 inner 10"l x 6"w x 7" h



CROC-2 - Outlet Cover

outer 20"l x 12"w x 18"h
 interior
 High 16"l x 7"w x 13" h
 Mid 16"l x 9"w x 6" h
 Low 18"l x 10"w x 2" h



CRBPN-1-56G - Natural Boundary Post

Granite - 56" x 6" x 6"

SAVIO

S.K5001 - Large Stone Cover
 (30" x 30" x 4")

Fits Skimmerfilter or Livingponds Filter



S.K5002 — Small Stone Cover
 (24" x 24" x 4")

Fits Compact Skimmerfilter



S.K5003 — Waterfall Weir "Stone"

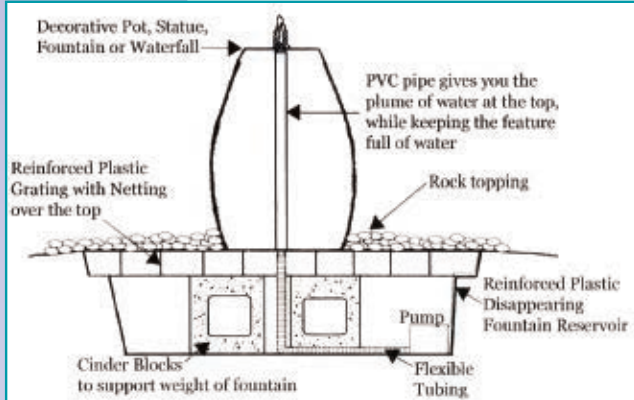
Accessory Kit
 Realistic stone designed for the
 SAVIO Filter Weir



DISAPPEARING FOUNTAIN BASINS

There are 2 ways to install the sights and sounds of a water feature...

1. With a visible pool of water... or
2. With an INVISIBLE water basin!



DFBR30



DFBR36



DFBR47



DFBS44

Below are samples of how to utilize the Disappearing Fountain Basins along with any of the fountains found on the following page



DISAPPEARING FOUNTAIN RESERVOIRS

- Designed and manufactured in the U.S.A.
- Preformed plastic basin for creating unique individual disappearing water features.
- Each unit includes a basin, heavy duty rigid grate and a light weight screen to go over the grate.
- You add the piping and pump, some imagination, decorative stone, jar, etc...
- Depth is 12" for the Disappearing Fountain Basins

DF-R2 - 2' x 2' Disappearing Fountain Basin
- Holds 30 gallons

DF-R3 - 3' x 3' Disappearing Fountain Basin
- Holds 67-1/2 gallons

DF-R4 - 4' x 4' Disappearing Fountain Basin
- Holds 120 gallons



***Basins, grates, and screens can be purchased separately please inquire
**Rigid grate does not come precut for pump access as shown.*

DISAPPEARING FOUNTAIN BASINS

Designed specifically for recirculating statuary and fountains. Easy to install and hide providing an easy way to conceal the pump and water reservoir

ROUND

DFBR30 - Disappearing Round Basin 30"D x 10"H

DFBR36 - Disappearing Round Basin 36"D x 10"H

DFBR47 - Disappearing Round Basin 47"D x 10"H

DFBPF - Disappearing Basin Pot Foot 6" x 4" x 1" H

Expands the area the fountain sits on.

Add stability when setting larger pieces on the 36" round basin.

SQUARE

DFBS44 - Disappearing Square Basin 44" x 44" x 11"H



AWGFB4600 - Pro Series Fountain Basin
46" x 13" H - 67 gal

1. One-piece construction provides exceptional strength.

2. Built-in channels simplify installation, allowing the plumbing to be run on top of the basin.

3. Molded cones support the top panel.

4. Recessed pocket accepts Triton 3-Way Diverter

5. 1 1/2" conduit recesses allow for clean installation in surrounding masonry without the need for notching.

6. Flat panel for optional AF1000 Auto Fill installation.



BASALT COLUMNS

- Basalt columns are pre-drilled
- Other sizes may be available - Please inquire

SS-BC1018-4RP - Basalt Column - 10-18" dia. x 4' Tall - Rounded & Polished Top

SS-BC20EP - 20" Real Basalt Column (7"-9" diameter)

SS-BC27EP - 27" Real Basalt Column (8"-11" diameter)

SS-BC35EP - 35" Real Basalt Column (8"-11" diameter)

SS-BC03EP - Three Pack Basalt- 20", 27", 35"

SS-BC35SEP - 35" Sloped Real Basalt Column

We have several lighting options for these - please inquire



STATUARY SPLITTER

Use this handy four-way splitter when using one pump to run multiple statuary products.

- Main body has ¾" male threads
- Can be connected end to end to make 8, 12, 16, etc.
- Brass valves have ½" outlets
- Can be used with water or air pumps



EPSS4 - Statuary 4 way splitter

Basalt columns can be used singly or in clusters to create custom water features.

They can be installed directly into a water garden or using one of our many disappearing fountain basins.

AWGECORISE20 – Eco-Rise

Dimensions: 20"L x 20"W x 3"H
Plumbing Size: ¾" to 1½"
Max Load: 3000 lbs.



The Eco-Rise is a totally new concept in water feature construction. The extremely strong radial structure handles the weight of heavier fountains used in conjunction with reservoir cubes, Oasis PV1700 Pump Vault and Triton 3-Way Diverter.

AWGTR3WAY - Triton 3 Way Diverter Valve

The Triton 3-Way Diverter is the only manifold designed exclusively for Pond-free fountain installations. The 1½" inlet allows unrestricted flow into the manifold, delivering the maximum possible volume to all three of the ¾" outlets. True 'ball' style valves with removable handles enable independent flow adjustment of each outlet. The compact design makes it a perfect fit for installation in all Pump Vaults and Fountain Basins.



FOUNTAINS

FG3393C - Drum* Fountain
1764 lbs 39" high

FG3393B - Drum* Fountain
141 lbs 18" high

FG3386CBW - Sphere Fountain
(salt/pepper - 11.8" high black/white)

FG3386CP - Sphere Fountain (pink)
11.8" high

FG3386E - Sphere* Fountain
19.7" high

FG3386F - Sphere* Fountain
23.6" high

FG3386H - Sphere* Fountain
35.4" high

FG3331EP - Millstone (pink)
20" wide

FG3331P - Millstone (pink)
39.4" wide

FG3331BW - Millstone
(salt/pepper - 39.4" wide black/white)



SMALL FOUNTAINS"

FG3382B - Dome Fountain
14 lbs 3.9h x 8.25w x 8.25d

FG3383B - Feeder Fountain
11 lbs 3.15h x 8.27w x 8.27d

FG3385B - Dish Fountain
8 lbs 1.57h x 8.27w x 8.27d

FG3386B - Sphere Fountain
8 lbs 4.3h x 5.5w x 5.5d

FG3393G - Drum Fountain
17 lbs 8.27h x 5.9w x 5.9d

FG3401B - Spiral Water Ball
23 lbs 7.1h x 8.27w x 8.27d

FG3404B - Shamrock Fountain
28 lbs 7.09h x 8.86w x 8.86d

FG3520B - Celtic Wishing Bowl
54 lbs 6h x 18w x 18d
fountain on top not included—
for illustration purpose only



BAMBOO WATER MACHINE RANGE

The water machines are constructed to collect water (which will freeze and can cause significant damage during the winter). Water machines should be turned over or moved to a garden shed or other protection (with natural temps and humidity) to avoid breakage.

FG4401B - Standard Birdscarer
4 per case 29.5h x 3.15w x 10.24d

FG4401C - Giant Birdscarer
(may not ship UPS) 120cms

FG4426B - Classic Deerscarer
4 per case 29.5h x 3.15w x 6.69d

FG4427B - Classic Spout
4 per case 29.5h x 5.91w x 15.75d



FG4440B



FG4401C



FG4426B



FG4427B

FG4440B - Waterfall
4 per case 16.9h x 37w x 10.24d

FG4440C - Giant Waterfall
4 per case 24.8h x 53w

FG4441B - Twin tube
4 per case 29.6h x 7.1w x 13.39d



FG4441B

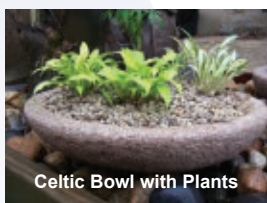
BAMBOO LADLES

FG4402B - Medium Ladle

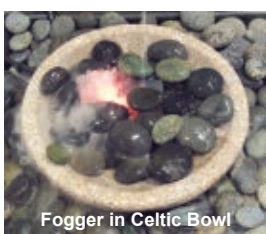


ACCESSORIES

FG3520B - Celtic Wishing Bowl - 54 lbs 6h x 18w x 18d fogger not included—for illustration purpose only



Celtic Bowl with Plants



Fogger in Celtic Bowl

FENG SHUI GONG SETS

FG4330A - Mini brass gong with beater on Shao Shan bamboo stand 21.6x27.5x13.8



FG4331E - Giant brass gong with beater on Da Shan bamboo stand 67x72.4x41.3

STATUARY

FG3370D - Snail Statue 93.5 lbs 12x18x10



FG3313B - Large Green Dragon Wall Fountain 81 lbs 9x19.5x8

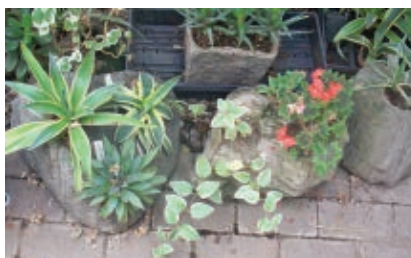
FG3313C - Green Dragon Wall Fountain 29 lbs 7x13.5x6

FEATHER ROCK

- Lightweight volcanic rock which can be used as-is or easily drilled to create unique, one-of-a-kind water features.
- Colors range from silver gray through charcoal black.



- FR12S — Feather rock 6-12" Single
- FR18S — Feather rock 12-18" Single
- FR24S — Feather rock 18-24" Single
- FRPS — Feather rock planters Single
- FRPS3 - Feather Rock Planter with 3 holes



MEXICAN BLACK BEACH STONE

- Stones are Natural Black - unpolished
- 3 sizes to choice from
- Come in 75# bags

SSMBB.51 - 1 1/2" - 1"

SSMBB12 - 1" - 2"

SSMBB23 - 2" - 3"

Shown at left



GRANITE LANTERNS



FG3304C — Cantilever* Lantern
419 lbs 35.5" high

FG3334A - Dome* Lantern
27 lbs 12" high

FG3334B - Dome* Lantern
88 lbs 18.5" high

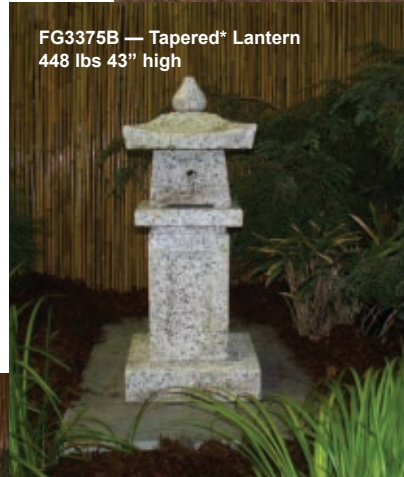
FG3375B - Tapered* Lantern
448 lbs 43" high

FG3375C -
Tapered* Lantern
2822 lbs 6'7" high

FG3375F -
Tapered* Lantern
79 lbs 22" high



FG3304E — Cantilever* Lantern
60 lbs 20" high



FG3375B — Tapered* Lantern
448 lbs 43" high

FG3303C — Snow Lantern

GRANITE LANTERNS

FG3301E - Pagoda
28 lbs 19.5x6.75x6.75



FG3301E

FG3301F - Pagoda
150 lbs 39x9.75x9.75

FG3302E - Pillar Lantern
22 lbs 19.5 x 7 x 7

FG3302F - Pillar Lantern
158 lbs 39x13.75x13.75

FG3302C - Pillar Lantern
882 lbs 6'5" High



FG3303G - Snow Lantern
8" High

FG3303C - Snow Lantern
551 lbs 35.5" High

FG3303D - Snow Lantern
882 lbs 47" High

FG3304B - Cantilever* Lantern
662 lbs 45.5" high

FG3304C - Cantilever* Lantern
419 lbs 35.5" high

FG3304E - Cantilever* Lantern
60 lbs 20" high



FG3334B — Dome* Lantern
88 lbs 18.5" high



FG3303C

Almost everybody likes Chinese Food and almost everybody appreciates a little Oriental flavor in the garden. Nothing says "Oriental" like a granite Japanese lantern set into the garden. "Spice" it up this year with some of our Oriental Garden Accessories!



FG3302C — Pillar Lantern
882 lbs 6'5" High

*** PLEASE INQUIRE ABOUT COLOR AVAILABILITY**

FAUNAGARDEN BAMBOO SCREENING INDOOR/ OUTDOOR

The Bamboo used is well cured to remove the natural sugars and moisture so as to prevent molding. Each piece is drilled and assembled to be sure of proper fit and function. Upon arrival at our warehouse, each piece is inspected again to assure that you will receive a functional piece. Be sure to store these pieces in a naturally humid environment while protecting them from direct sunlight and rain so as to preserve their new appearance.

As soon as they are set up, they will begin to weather. To preserve their new appearance (or at any stage of weathering), coat them with a marine grade varnish to preserve them in that coloration. Should any cracks appear (they are a natural wood-type material subject to checking or cracking over time), they can easily be sealed with an application of marine grade varnish or with a clear silicone glue or caulking.

TANGSHAN H"xW"xD"

FG4456A - Tangshan Quarter Fence
72x18x1.75

FG4456B - Tangshan Half Fence
72x36x1.75

FG4456C - Tangshan Full Fence
72x72x1.75

FG4456D - Tangshan Quarter Fence Horizontal 18x72x1.75

FG4456E - Tangshan Half Fence Horizontal 36x72x1.75



CHENMAI

FG4457C - Chenmai Full Fence
72x72x1.75

FG4457D - Chenmai Half Fence
72x36x1.75



SONGLING H"xW"xD"

FG4458A - Songling Quarter Fence
18x72x1.75

FG4458B - Songling Half Fence
36x72x1.75

FG4458C - Songling Full Fence
72x72x1.75



SHANTUNG

FG4459A - Shantung Quarter Fence 72x18x1.75

FG4459B - Shantung Half Fence 72x36x1.75

FG4459C - Shantung Full Fence 72x72x1.75



NANJING

FG4455B - Nanjing Security Fence
39.3x70.3x1.75



GUILIN DOOR

FG4463B - Guilin Door with Hinge
Assembly 72x38.8x1.8

BAMBOO SLAT TRELLIS

FG4484A — Bamboo Slat Trellis



TRI-POST

FG4468A - Tri-post quarter
24.8h x 3.5w x 3.5d

FG4468B - Tri-post half
42.1h x 3.5w x 3.5d

FG4468C - Tri-post full
78h x 3.5w x 3.5d



MATRIX PERGOLA

FG4540B - Standard Pergola Kit
96.5h x 57.5w x 17.7d

FG4540C - Large Pergola Kit
96.5h x 82.7w x 17.7d

FG4525B - Standard Seat/Shelf
1.6h x 42.5w x 15.5d

FG4525C - Large Seat/Shelf
1.6h x 52w x 15.6d



HELIX FLEXIBLE CANE SCREEN



FG4407C - Flexible Cane Screen 36"h x 6' wide

VECTOR POLES

FG4381C - Small Pole - 94.5 x 2-3.2" dia

FG4382C - Medium Pole - 94.5 x 3.2 3.9" dia

FG4383C - Large Pole - 94.5 x 3.9 x 4.7" dia



FG4384C - Giant Pole - 96 x 6-7.2" dia

Lake and Pond Treatment



Pond Logic by Airmax



Pond Logic® Pond Dye shades and protects your pond while enhancing natural color and beauty. Available in 3 colors each with its own unique application and can be selected based on your personal color preference. Pond Logic® Pond Dye PLUS combines our color enhancing pond dyes with water clarifying Liquid PondClear™ beneficial bacteria for the ultimate 1-2 punch. Beautify and protect your pond from troublesome UV sunlight with long-lasting natural shades of Pond Dye while eliminating suspended organic debris that contributes to cloudy water, muck accumulation and weed growth.



Item	Description	Treats	Plus
AMXT-DBD-Q- Black DyeMond Pond Dye Qt	Provides a rich black shade and beautiful reflection from the pond.	4x concentrated (1 quart = gallon) 1 acre 4'-6" deep	
AMXT-DNB+G Nature's Blue PLUS Gallon	Provides a true blue color. Contains full strength acid blue 9 dye.	1 acre 4'-6" deep	Combined with PondClear Liquid Bacteria for optimum results
AMXT-DND-Q- Nature's Blue Pond Dye Qt	Provides a true blue color. Contains full strength acid blue 9 dye.	4x concentrated (1 quart = gallon) 1 acre 4'-6" deep	
AMXT-DTB+G- Twilight Blue PLUS Gallon	Provides a blackish-blue shade to the pond.	1 acre 4'-6" deep	Combined with PondClear Liquid Bacteria for optimum results
AMXT-DTB-Q- Twilight Blue Pond Dye Qt	Provides a blackish-blue shade to the pond.	4x concentrated (1 quart = gallon) 1 acre 4'-6" deep	

POND LOGIC® EcoBOOST™

EcoBoost™ provides more than just enhanced pond clarity. Added trace minerals promote a healthy fish population while enhancing beneficial aerobic bacteria and locking up free nutrients that throw your pond out of balance. Pond Logic® EcoBoost™ can also be used to clear up water cloudiness associated with chemical herbicide/algaeicide applications.



AMXT-MA-4- Muck Away Pellets 4lb (8 scoops)

AMXT-MA-8- Muck Away Pellets 2lb (16 scoops)

AMXT-MA-24- Muck Away Pellets 24lb (24 scoops)

EcoBoost Quick Dosage Chart	
Pond Size (surface acre)	Dosage Rate (every 2 weeks)
Up to ¼	2 Scoops
Up to ½	4 Scoops

POND LOGIC® MUCKAWAY™

Eliminate pond muck and sludge that accumulates at the bottom of your pond with Pond Logic® MuckAway™. The specially formulated strains of beneficial aerobic bacteria in MuckAway™ are designed to quickly digest organic debris like fish waste, leaves, twigs, plant decay and organic runoff that accumulate and form pond muck without harming your pond or its inhabitants.



AMXT-MA-4- Muck Away Pellets 4lb (8 scoops)

AMXT-MA-8- Muck Away Pellets 2lb (16 scoops)

AMXT-MA-24- Muck Away Pellets 24lb (24 scoops)

Pond Logic® MuckAway™ Dosage Rates	
Treatment Area (In Square Feet)	MuckAway™ (Every 2-4 Weeks)
Up to 500	½ Scoop
Up to 1,000	1 Scoop

POND LOGIC® POND CLEAR™

Restore pond clarity, water quality and pond balance with Pond Logic® PondClear™. PondClear™ contains specialized strains of beneficial aerobic bacteria that digest organic debris that cause decreased water clarity, muck accumulation & pond imbalance.



AMXT-PC-12- Pond Clear Packets 24 pks

AMXT-PC-24- Pond Clear Packets 24 pks

AMXT-PC-96- Pond Clear Packets 96 pks

AMXT-PC-G- Pond Clear Liquid Gallon

Pond Logic® PondClear™ Dosage Rates	
Pond Size (surface acre)	Dosage Rate (every 2 weeks)
Up to ¼	½ Gal. / 2 Packets
Up to ½	1 Gal. / 4 Packets

AQUATIC WEED CONTROL

Usage is restricted in some states and these products cannot be shipped to those states.

AMXT-PWD-Q - Ultra PondWeed Defense - 1qt

- Broad Spectrum Pondweed Control
- Fast Acting Liquid Formula
- Short Term Control Of Duckweed

Pond Logic® Ultra Pondweed Defense® works on pond weeds including submerged, floating and emergent weeds. It may be used for short term control of Duckweed in slow moving water. Use with Treatment Booster™ PLUS all season-long on actively growing plants for best results. Early season emergent treatments may require additional applications.



AMXT-TBP-16 - Treatment Booster Plus - 16oz

- Increase Chemical Effectiveness
- Break Water Surface Tension For Submerged Weeds
- Penetrate Weed Cuticle

Pond Logic® Treatment Booster™ PLUS is specially formulated to enhance your pond treatments. Treatment Booster™ PLUS spreads and adheres your treatment to target aquatic weeds and algae. It works by breaking down the surface of the weeds and/or algae, allowing the chemical treatment to penetrate. Treatment Booster™ PLUS also has been enhanced to work on underwater weeds and algae by breaking the water's surface tension. The treatment is sent directly through the water column delivering on target results every time.



AMXT-ShoreD-Q - Shoreline Defense - 1 qt

- Broad Spectrum Emergent Weed Killer
- Kills To The Roots
- Long Term Control Of Cattails

Kill the roots of even the most persistent emergent aquatic weeds & grasses. Pond Logic® Shoreline Defense® is great for controlling cattails or any other plant growing above or out of the water. Apply directly to the foliage, allowing it to be absorbed by the weed, killing the roots for long term control. Shoreline Defense® is not to be used for submerged weeds. Works great for beaches, shorelines or anywhere emergent weeds grow. Use with Treatment Booster™ PLUS for the best results.

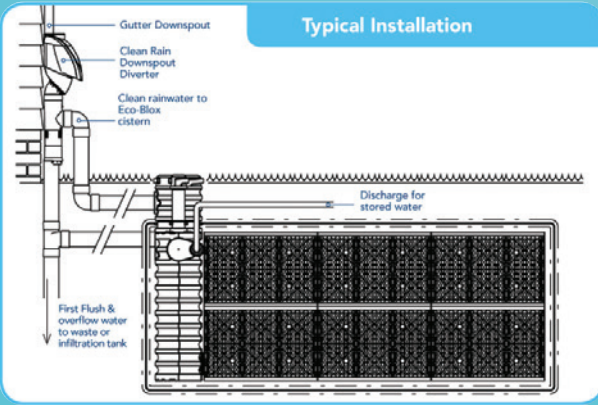


AMXT-ClearPacw/M+D - ClearPAC Plus MuckAway with

Algae Defense includes everything you need to keep your pond clean and clear all season long. Save time, money and guesswork with this all-in-one pond care package. The ClearPAC® PLUS addresses the root of pond problems - excess nutrients and sunlight. It combines the power of Algae Defense®, PondClear™, EcoBoost™, Nature's Blue™ Pond Dye, and MuckAway™ to fight algae and suspended debris. One Clear Pac will treat 1/4 acre for 6 months or 1/2 acre for 3 months. Algae Defense is restricted in some states.



Rainwater Harvesting



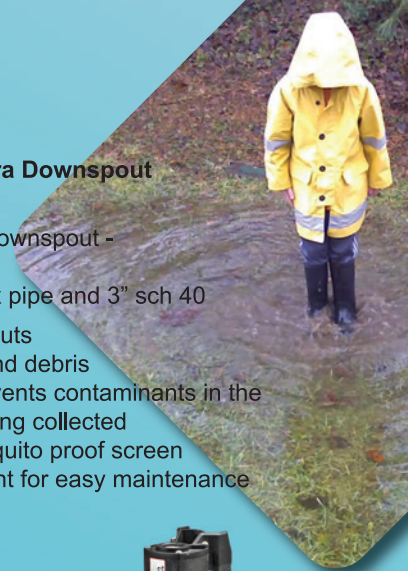
AWGRHCRU - Clean Rain Ultra Downspout

Dimensions: 8.25"L x 9"W x 31"H

Inlet / Outlet: 2" x 3" and 3" x 4" downspout - 3" and 4" sch 40

Diverter Outlet: Garden hose, flex pipe and 3" sch 40

- Collects water from downspouts
- Rain Head deflects leaves and debris
- First flush water diverter prevents contaminants in the initial surge of water from being collected
- Includes stainless steel mosquito proof screen
- Can be mounted at any height for easy maintenance



AWGOPV - Oasis PV1700 Pump Vault

1. Inset lid keeps gravel from falling into the vault
2. Pump discharge step fittings for 1½" & 2" pipe provided on both sides of the vault
3. Flat front panel installs tight against the Eco-Blox for a compact basin
4. Recessed pockets accept Triton 3-Way Diverter for use with the NEW Eco-Rise
5. Flat panel for 1½" pipe for use with the NEW Eco-Rise



AWGRHDIV12 - Submersible Pressure Pump

Dimensions: 6"L x 6"W x 19"H

Cord Length: 48'

Volts: 115

Watts: 1100

Max Flow: 29 gpm

Max Pressure: 65 psi

- Extremely reliable and easy to install
- Built in pressure switch and flow sensor
- Equipped with dry-run protection and internal non-return valve
- Automatically starts and stops when taps are opened
- Delivers constant pressure and flow rates



AWGRHPV - Clean Rain Pump Vault

Dimensions: 20"L x 11"W x 48"H

Inlet: (2) 3" FIPT openings Opening: 9½"

Outlet: 1" spinweld

Max Pump Flow:

- Inside the Liner: 7,500 gph
- External @ 10' 6,500 gph
- External @ 20' 5,000 gph
- External @ 30' 2,000 gph



AWGRHEBS10 - External Pressure Pump

Dimensions: 18"L x 11"W x 13"H

Cord Length: 5'

Volts: 115

Watts: 1000

Max Flow: 22 gpm

Max Pressure: 64 psi

- Incredibly quiet, self priming, water cooled pump
- Built in pressure switch and flow sensor
- Equipped with dry-run protection and built in non-return valve
- Automatically starts and stops when taps are opened
- Delivers constant pressure and flow rates



Features

1. Twist lock lids allow safe, easy access to the pump chamber and 3" tank gauge riser (gauge optional)
2. Comes with a 1" FIPT Spinweld® fitting for a pressure pump discharge and flat panels for additional plumbing
3. (2) 3" FIPT inlets allow installation inside the liner or out, via 3" lines and bulkhead fittings to remote Eco-Blox cistern
4. Risers allow for 13" of backfill and can be removed for pond-free installations
5. Equipped with flat panels for installing additional pump lines, downspout diverters and overflows

AWGRHTG - Tank Gauge

Dimensions: 3.75"L x 2.75"W x 4.5"H

Outlet: Requires 1.25" hole for installation



-Visit www.fgnsales.com/water_storage.htm for more information on reservoir packages

Reservoir Cubes

See page 10 for more info on Reservoir cubes.

