# SPEAR

## A LANDMARK AQUATIC COMPANY

# YOUR WATER. OUR WORLD.

# CONTENTS

## SPEAR
### A LANDMARK AQUATIC COMPANY

From purchasing your test kit reagents to designing your swimming pool and much more, you can rely on the experience of Spear to provide everything you need to maintain your swimming pool and keep it clean and safe for swimming.

Family owned and operated since 1984.

Your Water. Our World.

info@spearcorp.com

800.642.6640

## PB50
### PULSAR PLUS DRY BRIQUETTES
50# Pail

65% calcium hypochlorite. For use in Pulsar®Feeders and are certified to NSF/ANSI Standard 50. While NSF certification is voluntary, over 30 states require aquatic chemical feeders to be certified or otherwise comply with the requirements of Standard 50.

## CH50
### PULSAR GRANULAR
50# Pail

Pulsar chlorinating granules - 68% calcium hypochlorite for multiple pool & spa uses - cyanuric acid free.

## PS25
### PULSAR POWER SHOCK
25# Pail

The most powerful shock treatment available - Pulsar Power Shock 78% calcium hypochlorite granules activate in seconds to shock your pool and spa water.

## PI25
### PULSAR INFINITY TABLETS
25# Pail

65% Available chlorine calcium hypochlorite. Non-Stabilized to use in Pulsar Infinity Feeders And are certified to NSF/ANSI standard 50.

## 9004-50
### BROMINE
50# Pail

Bromine 1" tablets have 96% active bromine with a ph of 4. Alternative to chlorine sanitizers for pool & spa feeders.

## 9002, 9002-5, 9002-15, 9002-55
### LIQUID CHLORINE BLEACH 1, 5, 15, 55 Gal

"Sodium Hypochlorite 12.5%  Liquid Chlorine - Kills Bacteria - Controls Algae - Destroys Organic Contaminants - Shocks for Chloramine Removal. NSF option and additional sizes available.

## CA40
### PULSAR SUNSCREEN STABILIZER
40# Pail

Pulsar Sun Screen 20 is a high grade granular stabilizer used with sanitizer providing ultra violet protection for outdoor pools, protects available chlorine from UV degradation & reduces chlorine required during sunny conditions. Maintaining a level of 20 ppm of Pulsar Sun Screen 20 stabilizer will be most effective in minimizing chlorine usage but this is a case where more is not better.

## SB50
### SODIUM BISULFATE
50# Bag

Sodium Bisulfate is an acid in dry granular form used to lower pH and Total Alkalinity.

## SB50-P
### SODIUM BISULFATE
50# Pail

Sodium Bisulfate is an acid in dry granular form used to lower pH and Total Alkalinity.

## SA050
### SODA ASH
50# Pail

Soda Ash in powder form used to raise pH and Total Alkalinity.

## 30557
### PULSAR PH DOWN
50# Pail

Pulsar pH Down in dry granular form used to lower pH and Total Alkalinity, for use in Pulsar Acid Feeder Plus unit.

## ACID MAGIC

**ASA128-1**
1 Gallon

**ASA5G-1**
5 Gallon

**ASA15G-1**
15 Gallon

**ASA55G-1**
55 Gallon

Acid Magic is a full strength muriatic-based liquid product formulated to ship, use and store easier than standard muriatic acid. This revolutionary blend of proprietary ingredients offers cleaning & pH reduction of powerful acids while providing increased usability.

- Adjusts pool and spa water chemistry
- Extremely effective acid wash
- Cleans filters, chlorine generators and meter electrodes.

## HYDROCHLORIC ACID

Hydrochloric (muriatic) Acid in liquid form used for lowering pH and total alkalinity

**HC01**
1 Gallon

**HC15**
15 Gallon

**HC55**
55 Gallon

CHEMICALS

## CC50
### PRESERVE
50# Pail

Calcium Chloride Preserve in dry flake form increases hardness

## ST55
### DECHLOR
55# Pail

Sodium Thiosulphate Dechlor in crystal form reduces chlorine level after shock treatment.

## SB05
### BUFFER
50# Pail

Sodium bicarbonate buffer in powder form increases total alkalinity

## PU50
### PUROLYTE
50# Pail

Purolyte non-chlorine shock in granular form designed to oxidize organic based contaminants in recreational water while the source (bathers) of contaminants is present. This forward approach to pool water management enhances water & air quality, thereby improving bather comfort and enjoyment. Purolyte is a non-halogen product to be used in tandem with the chlorine based sanitizer treatment.

## PS25
### PULSAR POWER SHOCK
25# Pail

The most powerful shock treatment available - Pulsar Power Shock 78% calcium hypochlorite granules activate in seconds to shock your pool and spa water.

## ALGIMYCIN 2000

In liquid form Algimycin 2000 algaecide kills, prevents and controls all algae types. A special wetting agent penetrates and kills even deeply-rooted algae cells. This nonmetallic, poly-complex formula gives fast effective control with no foaming or staining. It also acts as a clarifier and filter aid by removing algae fast. If used weekly, it prevents algae outbreaks in the pool. Fast and effective control of yellow, green & black algae.

### A00Q
1 Quart

## 32091
Four 1 Gallon Per Case

AlgaeShield treats and prevents algae. It is compatible with all surface types and sanitization systems. It is effective on all types of algae. Treat just every 30 days.

## HL25
### HARBORLITE
25# Bag

This naturally occurring, environmental friendly, easy to handle Perlite filter media facilitates impressive water clarity by removing particle size down to 4.0 microns while at the same time absorbing oil from the water.

## CE25
### CELAPERL
25# Bag

This naturally occurring, environmental friendly, easy to handle Perlite filter media facilitates impressive water clarity by removing particle size down to 4.0 microns while at the same time absorbing oil from the water.

## DE50
### DIATOMATIOUS EARTH
50# Bag

Filter powder for vacuum and pressure type DE filters.

## FG50
### FILTER GRAVEL
50# Bag

Filter gravel used as support media. Gravel size 1/8" x 1/4"

## FS50
### MYSTIC WHITE II
50# Bag

Mystic White II is the premium filter sand. The high quality, angular shape of Mystic White II sand maximizes the entrapment of solids. It filters out dirt, dust, leaves, insects, small stones, moss, oil, cosmetics, and other debris while minimizing packing, balling, and channeling in the filter bed.

## VFA2550
### VITROCLEAN GLASS
50# Bag

Vitroclean lasts 50% longer than typical silica sand and it does not clump or channel. Vitroclean can be installed in any standard sand media filter without the hazard of crystalline silica dust.

## ACTIVATED FILTER MEDIA

### 10005
AFMng 55# Bag Grade 1

### 10006
AFMng 55# Bag Grade 2

### 10003
AFM 55# Bag Grade 3

Activated Filter Media is a direct replacement for sand, with 300 X more active surface area. It resists biofouling, iocoagulation and transient wormhole channeling of unfiltered water and never needs to be recharged or replaced

# FILTER CLEANERS / ENZYMES / METAL & SCALE

## 9037400166
## BREAKAWAY FLUSH
1 Gallon

In liquid form Breakaway flush is specifically formulated to ensure that the unwanted build-up in your spa or hot tub is flushed out from the heart of your plumbing before you start-up. Breaks-up unseen deposits that build-up inside your spa's plumbing and heating systems, reducing water circulation, jet action and heating efficiency.

## UF50
## ULTRA FILTER CLEANER PLUS
50# Pail

In dry granular form this filter cleaner effectively removes grease, oil and scale from cartridge, DE and regenerative media filters. This filter cleaner produces oxygen during cleaning cycle so filter vessel vent valve must be open during cleaning to avoid pressure build-up and possible damage.

## 71006A
## FILTER CLEANSE
2# Pail

In dry granular form this filter cleaner effectively removes scale, rust, hair, cosmetics, oils etc... which commonly reduce performance of sand, diatomite and cartridge filters. Filter cleaner has a color indicator that acts as a guide to proper application

## ORB-3 POOL ENZYMES PRO

### M411-000-5G
5 Gallon

### M411-000-15G
15 Gallon

In liquid form this powerful, highly concentrated, economical, broad spectrum enzyme blend for larger commercial pools naturally removes body oils, lotions, cosmetics, urine and other organic materials which cause biofilms and scum lines in pools, surge pits, filters and plumbing.

## AAD - AMINO ACID DIGESTER

### NGWS-6
5 Gallon

AAD - Amino Acid Digester enzyme eliminates oxidant demands by digesting carbon based organic wastes in pool water by turning them into carbon dioxide, once removed your sanitizer will work more efficiently without harmful byproducts like chloramines.

## MSI - METAL & SCALE INHIBITORS

### MSIG-NGWS-1-M
1 Gallon

### NGWS-2
5 Gallon

MSI - Metal & Scale Inhibitor - Start-up initial dose: 32 ounces per 10,000 gallons directly into circulation or maintenance dose 3 to 5 ounces per 10,000 gallons weekly depending on metal or calcium concentration.

# CLEANER / DEFOAMER / PHOSPHATE REMOVER / CLARIFIER

## TC00
## TLC CLEANER
1 Quart

In liquid form TLC cleaner is formulated to remove oil, grime and mineral scale from common swimming pool surfaces such as tile, vinyl and concrete.

## 9019-1
## PULSAR ACID CLEANER 50

In liquid form Pulsar Acid Cleaner 50 is a powerful lactic acid scale remover and used regularly prevents build-up of residue & scale. Does not contain muriatic acid so is much safer to use.

## ULTRA SURFACE CLEANER

**USC05** 5 Gallon
**USC15** 15 Gallon
**USC55** 55 Gallon

Ultra Surface Cleaner is a liquid non-hazardous low pH organic compound for cleaning non-metallic pool and deck surfaces.

## DEFOAMER

**HQ** 1 Quart
**3639** 1 Gallon

In liquid form this anti-foam agent works effectively at cutting down foam and preventing foam build-up in spas.

## NCF3
## PHOSFREE
3 Liter

PhosFree is a cost effective way to convert soluable phosphates to insoluable lanthanum phosphates that can then be removed by filtration then allowing normal sanitizer levels to prevent algae growth. Add product directly to skimmer.

## NGWS-10
## CPR - CONCENTRATED PHOSPHATE REMOVER
1 Gallon

Crystalizes orthophosphates in the water to drop them out for removal by filtration and backwash.

## 9007
## CLARIFIER
1 Quart

## 30497
## CLAIRIFIER PRO
5 Gallon

A liquid organic polymer to polish the water, helping filter remove suspended particles that cause dull, cloudy water.

CHEMICALS

CHEMICALS

### SAOQ
## SEQUESTERING AGENT
1 Quart

In liquid form controls minerals, prevents stains, scale and rust. Use for initial fill and for weekly maintenance.

## REVIVE PRO

### CHF-50-314
32 Ounce

### CHF-50-320
1 Gallon

### CHF-50-635
5 Gallon

### CHF-50-316
30 Gallon

Revive Pro naturally restores water quality by removing orthophosphates up to 2000 ppb, removing copper and iron up to 2.0 ppm, captures scaling carbonates and clears water of organic debris.

### WYSI
## WYSIWASH CLEANING SOLUTION
5.9 Ounces

A Pail of Wysiwash Cleaning solution contains 9 jacketed caplets that kill germs, algae, mold, and dangerous pathogens. With proper drainage and storage, one caplet is good for up to 3.5 hours of continuous cleaning. The 9 count pail is equivalent to approximately 45 gallons of bleach.

### WYS-102
## SPRAY GUN

### CIT01
## CITRISURF 77 PLUS
22 Ounces

CitriSurf 77 Plus is a high quality blend of chemicals formulated for cleaning, rust removal and passivation of stainless steel products. Provided in spray bottle for applications where it is desired to spray the product on a local area. CitriSurf 77 Plus is specifically designed to provide a portable, low cost and efficient removal of contaminants, rust and free iron from stainless steel surfaces, providing the highest chrome oxide levels possible.

### CIT00
## CITRISURF
22 Ounces

CitriSurf 77 is a high quality blend of chemicals formulated for the cleaning and passivation of stainless steel products. It is provided in trigger sprayer bottles for applications where it is desired to spray the product on a local area. CitriSurf 77 Plus is specifically designed to provide a portable, low cost and efficient removal of contaminants and all free iron from the surface of stainless steel, providing the highest chrome oxide levels possible.

### 4299-8
## PUMP PROTECTOR
10 Ounces

Foam-in shut down corrosion protection for all types of pumps. Any pump that is shut down and drained part of the time should be safeguarded with aerosol Pump Protector. Pumps used in cooling towers, swimming pools and vacation homes, auxiliary pumps, marine and industrial pumps can develop corrosion deposits on the impeller and other close-tolerance areas during shut down, causing the pump to bind. Aerosol Pump Protector prevents this corrosion and lubricates the pump so that it starts right up every time! Pump Protector is water soluble and will not cause any foaming problem when the pump is started. If the pump is used for drinking water, flush it thoroughly by running water off a few minutes before placing the pump back in service.

## 47906
### SPECTRA-CLEAN SYSTEM 1
22 Ounces

Spectra-Clean System 1 is used as a maintenance solution for use in a scheduled operations plan. Other customers have set up where they clean and passivate the stainless quarterly or on some other applicable schedule. Spectra Clean system 1 will also address minor tea staining corrosion.

## 47904
### SPECTRA-CLEAN SYSTEM 3
1 Gallon

Spectra Clean System 3 is only used in the most extreme of situations. In most of these situations the corrosion has caused irreversible damage to the product and the cause of the corrosion should be further addressed.

## 47905
### SPECTRA-CLEAN SYSTEM 2
1 Gallon

Spectra-Clean System 2 is generally used in cases of more excessive corrosion. The most common application would be a restoration rather than preventative situation. If the corrosion is so excessive that pitting has begun to occur it is recommended to upgrade to the Spectra Clean system 3.

## 57373
### SPECTRA-SHIELD STAINLESS STEEL PROTECTANT
1 Gallon

As an extra layer of protection Spectra-Shield may be applied for maximum corrosion protection once cleaning and passivation has been completed. Comes in one gallon jug.

# MAINTENANCE YOU CAN FORGET ABOUT

### INTRODUCING:

The **Pulsar® Precision 30**. Space saving design with the same consistent chlorine delivery.

New *patent pending* diffuser improves agitation of solids with solid removal, improving the time between maintenance

**pulsar®**

# PALINTEST

### LMPXUS
## LUMISO POOLTEST EXPERT

The Lumiso Pooltest has been designed for a range of pool and spa customers from pool managers to professional engineers who need to test pool and spa water multiple times daily, quickly, and accurately across key trouble shooting parameters.

### LMP103
## LUMISO POOLTEST 3

The brand new Lumiso Pooltest 3 combines testing for chlorine, pH and cyanuric acid, for reliable assessments of water quality.

### LMP106
## LUMISO POOLTEST 6

The brand new Lumiso Pooltest 6 enables a complete water balance calculation, with tests for alkalinity, bromine, calcium hardness, chlorine, cyanuric acid and pH.

### PT153T
## POCKET SENSOR

TDS Pocket Sensor 0-200ppm, 0-2000ppm, 1-10ppt - Automatic standard recognition for straight forward calibration, Automatic temperature compensation and temperature displayed on screen, Waterproof to IP67 to protect the instrument in all environments.

| Product Name | Description | Part # | LMP003 | LMPXUS | LMP006 | PoolTest10 | PoolTest 25 |
|---|---|---|---|---|---|---|---|
| DPD #3 | 250 TESTS | AP031/1 | 0-5 | X | 0-5 | X | X |
| DPD XT | 250 TESTS | AP033/1 | 0-10 | X | 0-10 | X | X |
| CHLORINE FREE, DPD 1 | 250 TESTS | AP011 | 0-5 | X | 0-5 | X | X |
| DPD-XF CHLORINE FREE-EXTENDED | 250 TESTS | APo13 | 0-10 | X | 0-10 | X | X |
| CHLORINE FREE, COMB & TOTAL | 250 TESTS | AP031 | 0-5 | X | 0-5 | X | X |
| DPD XF & XT CHLORINE FREE & | 250 TESTS | AP033 | 0-10 | X | 0-10 | X | X |
| CYANURIC ACID | 250 TESTS | AP087 | X | X | X | X | X |
| PH PHENOL RED | 250 TESTS | AP130 | X | X | X | X | X |
| TOTAL ALKALINITY, ALKAPHOT | 250 TESTS | AP188 | | X | X | X | X |
| CALCIUM HARDNESS | 250 TESTS | AP252 | | X | X | X | X |
| ROUND TEST TUBES 10 ML | PK/5 | PT595/5 | | | | X | X |
| ROUND TEST TUBES  10 ML | PK/5 | PT555 | X | X | X | | |
| CRUSH, STIRRING RODS | | PT502 | X | X | X | X | X |
| BROMINE | 250 TESTS | AP060 | | X | X | X | X |
| AMMONIA | 250 TESTS | AP152 | | X | | | X |
| SULPHATE | 250 TESTS | AP154 | | X | | | X |
| IRON LR | 0.01-1 | AP155 | | X | | X | X |
| CHLORINE HR | 1-250 | AP162 | | | | | X |
| PHOSPHATE LR | 0.03-4.0 200 TESTS | AP177 | | X | | X | X |
| COPPER, COPPERCOL - FREE, | 250 TESTS | AP186 | | X | | X | X |
| COPPER, FREE | 250 TESTS | AP187 | | X | | X | X |
| HARDNESS, HARDICOL | 250 TESTS | AP254 | | X | | | X |
| CHLORIDE, CHLORIDOL | 250 TESTS | AP268 | | X | | | X |
| PHMB | 250 TESTS | AP272 | | | | | X |

# LAMOTTE

### 3582
### LAMOTTE MOBILE WATERLINK SPIN TOUCH

The innovative Lamotte mobile WaterLink® Spin Touch™ photometer does all your pool and spa water testing for you wherever you need it! Each sealed reagent disk contains the precise amount of reagent needed to run a complete series of tests in just 30 or 60 seconds. Simply fill a reagent disk with a water sample, place it in the meter, tap, start, and all your vital tests are done automatically. Comes complete with photometer, instruction manual, quick start guide, 3-syringes, meter check disk, USB cord, USB wall adapter and upright waterproof carrying case with foam insert.

### 7001-NJ-01
### LAMOTTE PRO 250 SERIES

Every PRO250 SERIES kit includes color-coded caps to prevent mixups, and diagrammed instructions make testing a breeze.

| Product Name | Description | SKU- Part Number | Lamotte Pro 250 SERIES / 7001-NJ-01 | Lamotte Waterlink Spin Touch Model 3582 | Not in Kits |
|---|---|---|---|---|---|
| DPD 1A Free Chlorine | 30 mL | P-6740-G | X | X | |
| DPD 1B Free Chlorine | 30 mL | P-6741-G | X | X | |
| DPD 3 Total Chlorine | 30 mL | P-6743-G | X | X | |
| Cyanuric Acid | 250 mL | WL-4856-K | | X | |
| pH Indicator | 60 mL | P-7026-H | X | | |
| Hard I | 60 mL | P-4259-H | X | | |
| Hard Titrant | 60 mL | P-7031-H | X | | |
| DPD Chlorine 1A | 60 mL | P-6740-H | X | | |
| DPD Chlorine 1B | 60 mL | P-6741-H | X | | |
| DPD Chlorine 3 | 60 mL | P-6743-H | X | | |
| Alk Titrant | 60 mL | P-6111-H | X | | |
| pH for Color Q Kit | 30 mL | 7037-G | | | X |
| Alkalinity for Color Q | 30 mL | 7038-G | | | X |
| Calcium Hardness 1 for Color | 30 mL | 7042-G | | | X |
| Calcium Hardness 2 for Color | 30 mL | 7041-G | | | X |
| pH Indicator | 60 mL | WL-7027-H | | X | |
| Alk Titrant | 60 mL | WL-4493-H | | X | |
| Hardness Titrant | 50 mL | WL-4487-H | | X | |
| Base Reagent | 60 mL | WL-6460-H | | X | |
| Iron 1 Reagent | 60 mL | WL-4450-H | | X | |
| pH Indicator | 25 mL | P-7026-G | X | | |
| Base Demand | 30 mL | P-6460-G | X | | |
| Alk Indicator | 30 mL | P-7028-G | X | | |
| Hard 2 Indicator | 30 mL | P-7030-G | X | | |
| Acid Demand | 30 mL | P-6068-G | X | | |
| Hardness 1 | 15 mL | WL-4259-E | | X | |
| Acid Demand | 15 mL | P-6068-E | X | | |
| MPS Out | 15 mL | 6910-E | | | X |
| Iron 2 Powder | 10 GM | WL-4451-D | | X | |
| Copper Tablets | (100) | WL-3808-J | | X | |
| Alk 1 Tablets | (100) | WL-T-2311-J | | X | |
| Hardness 2 Tablets | (100) | WL-T-5250-J | | X | |
| Colorimeter Tubes | Set of 6 with caps | 0967-6 | | X | |
| Water sample bottle | 2 oz | 0688 | | X | |
| Test tube | 5 mL | 0644 | | X | |
| Test tube | 5.2 mL | 0645 | | X | |
| Syringe | 5 mL | 0807 | | X | |
| Direct Reading Titrator | Syringe, 0-500 range | 0383 | | X | |
| Direct Reading Titrator | Syringe, 0-200 range | 0382 | | X | |
| 4329-H Disk | Single Use Ten Parameter | 50 disks | | X | |
| 4334-H Disk | Three Use Three Parameter | 50 disks | | X | |
| 1768 Waterlink DataMate Software | V.10.0 - See minimum software required | | | X | |

## K-2000
## TAYLOR 2000 STARTER

Basic kit with .75 ounce liquid reagents for testing free available, total and combined chlorine, bromine, pH, acid and base demand. Comes in hard case with visual comparator and includes waterproof instruction guide.



## K-2006
## 2006 COMPLETE

FAS-DPD Chlorine test kit with .75 ounce liquid reagents is same as K-2005 except utilizes 9058 comparator and comes with 10 grams of DPD powder for sanitizer tests by titration method, offering better accuracy and less color matching error. Comes in hard case with visual comparator and includes waterproof instruction guide.



## 1749
## PROBE TESTER

The electronic Salt TRACER PockeTester? measures the Sodium Chloride level in salt water pools with a range from 0 to 9,999 ppm. TDS is measured from 0 to 9,999 ppm and Temperature from 32.0° to 149°F.

## K-2005
## 2005 COMPLETE

High range test kit with .75 ounce liquid reagents for testing free available, total and combined chlorine, bromine, pH, acid and base demand, total alkalinity, calcium hardness and cyanuric acid. Comes in hard case with visual comparator and includes waterproof instruction guide.



## K-2005C
## SERVICE COMPLETE

Same as K-2005 Except larger 2 ounce reagents



## K-2006C
## K-2006C SERVICE COMPLETE

Same as K-2006 except larger 2 ounce reagents and more DPD powder.



## K-1518
## DROP TEST, CHLORINE

Chlorine, Free & Combined/ Monopersulfate FAS-DPD

| Product Name | Main Description | Part # | K-1518 | K-2000 | K-2005 | K-2005C | K-2006 | K-2006C | Not in Kits |
|---|---|---|---|---|---|---|---|---|---|
| DPD Reagent #1 | .75 oz, Dropper Bottle | R-0001-A | | X | X | | | | |
| DPD Reagent #1 | 2 oz, Dropper Bottle | R-0001-C | | | | | | X | |
| DPD Reagent #2 | .75 oz, Dropper Bottle | R-0002-A | | X | X | | | | |
| DPD Reagent #2 | 2 oz, Dropper Bottle | R-0002-C | | | | | | X | |
| DPD Reagent #3 | .75 oz, Dropper Bottle | R-0003-A | | X | X | | X | | |
| DPD Reagent #3 | 2 oz, Dropper Bottle | R-0003-C | X | | | X | | X | |
| pH Indicator Solution (for 2000 Series) | Phenol Red, .75 oz, Dropper | R-0004-A | | X | X | | X | | |
| pH Indicator Solution (for 2000 Series) | Phenol Red, 2 oz, Dropper | R-0004-C | | | | X | | X | |
| Acid Demand Reagent (for 2000 Series) | .75 oz, Dropper Bottle | R-0005-A | | X | X | | X | | |
| Acid Demand Reagent (for 2000 Series) | 2 oz, Dropper Bottle | R-0005-C | | | | X | | X | |
| Base Demand Reagent (for 2000 Series) | .75 oz, Dropper Bottle | R-0006-A | | X | X | | X | | |
| Thiosulfate N/10 | .75 oz, Dropper Bottle | R-0007-A | | | X | | X | | |
| Thiosulfate N/10 | 2 oz, Dropper Bottle | R-0007-C | | | | X | | X | |
| Total Alkalinity Indicator | .75 oz, Dropper Bottle | R-0008-A | | | X | | X | | |
| Total Alkalinity Indicator | 2 oz, Dropper Bottle | R-0008-C | | | | X | | X | |
| Sulfuric Acid .12N | .75 oz, Dropper Bottle | R-0009-A | | | X | | X | | |
| Sulfuric Acid .12N | 2 oz, Dropper Bottle | R-0009-C | | | | X | | X | |
| Calcium Buffer | .75 oz, Dropper Bottle | R-0010-A | | | X | | X | | |
| Calcium Buffer | 2 oz, Dropper Bottle | R-0010-C | | | | X | | X | |
| Calcium Indicator Liquid | .75 oz, Dropper Bottle | R-0011L-A | | | X | | X | | |
| Calcium Indicator Liquid | 2 oz, Dropper Bottle | R-0011L-C | | | | X | | X | |
| Hardness Reagent | .75 oz, Dropper Bottle | R-0012-A | | | X | | X | | |
| Hardness Reagent | 2 oz, Dropper Bottle | R-0012-C | | | | X | | X | |
| Cyanuric Acid Reagent | .75 oz, Dispenser Tip | R-0013-A | | | X | | X | | |
| Cyanuric Acid Reagent | 2 oz, Dispenser Tip | R-0013-C | | | | X | | X | |
| pH Indicator Solution (Residential Series) | Phenol Red, .75 oz, Dropper | R-0014-A | | | | | | | X |
| Acid Demand Reagent (Residential Series) | .75 oz, Dropper Bottle | R-0015-A | | | | | | | X |
| Total Alkalinity Indicator | 2 oz, Dropper Bottle | R-0645-C | | | | | | | X |
| Sodium Thiosulfate | 2 oz, Dropper Bottle | R-0747-C | | | | | | | X |
| TDS Resin | 50 g | R-0809-II | | | | | | | X |
| Sodium Carbonate | .24N, 2 oz, Dropper Bottle | R-0810-C | | | | | | | X |
| Deox Reagent | 2 oz | R-0867-C | X | | | | | | |
| Deox Reagent | 2 oz | R-0867-C | | | | | | | X |
| DPD Powder | 10 g | R-0870-I | X | | | | X | X | |
| FAS-DPD Titrating Reagent (for chlorine) | .75 oz, Dropper Bottle | R-0871-A | | | | | X | | |
| FAS-DPD Titrating Reagent (for chlorine) | 2 oz, Dropper Bottle | R-0871-C | X | | | | | X | |
| FAS-DPD Titrating (for bromine) | .75 oz, Dropper Bottle | R-0872-A | | | | | | | X |
| FAS-DPD Titrating (for bromine) | 2 oz, Dropper Bottle | R-0872-C | | | | | | | X |
| pH Indicator Solution | Phenol Red, .75 oz | R-1003J-A | | | | | | | X |
| pH Indicator Solution | Phenol Red, 2 oz | R-1003J-C | | | | | | | X |

**CHEMICAL FEED**

## BECSYS PH SENSOR

**9660013**
pH Sensor, 36" cable

**9660010**
pH Sensor, 120" cable

## BECSYS ORP SENSOR

**9660022**
ORP Sensor, 36" cable

**9660023**
ORP Sensor, 120" cable

**8660096**
## BECSYS FREE CHLORINE SENSOR WITHOUT FLOW CELL ASSEMBLY

**8680096**
## BECSYS REPLACEMENT MEMBRANE CAP

## BECSYS TEMP SENSOR
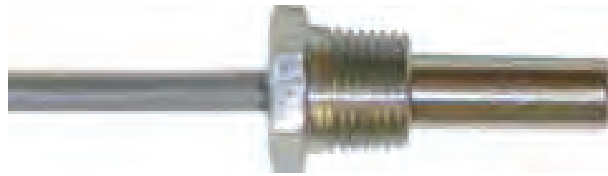
**8660016**
Temperature Sensor, 30" cable

**9660003**
Temperature Sensor, 120"

**8680095**
## BECSYS ELECTROLYTE FOR PPM SENSOR 100 ML

## CP1 CHLORINE SENSORS

**2210422** - CP1 Chlorine Sensor LH (CCW) Counter Clockwise for use with lighted flow cell, includes beads and O-Ring.

**2210457** - CP1 Chlorine Sensor RH (CW) Clockwise for use with CCF2 flow cell, includes beads and O-Rings.

**2100419**
## ROTARY FLOW SWITCH

**2210444**
## CLEANING BEADS

**8680016**
## REPLACEMENT MEMBRANE

Replacement Membrane for Free Chlorine Sensor

**8680056**
## ELECTROLYTE SOLUTION

**SB-K70**
## SODIUM BISULFATE TANK KIT

This 70 gallon dual containment tank is fitted with a drop tube for your pump suction line, a timer for your pump, and included 1/20th HP mixer motor with stainless steel epoxy coated propeller shaft.

**SB-K120**
## SODIUM BISULFATE TANK KIT

This 120 gallon dual containment tank is fitted with a drop tube for your pump suction line, a timer for your pump, and included 1/20th HP mixer motor with stainless steel epoxy coated propeller shaft.

**01-29828**
## GEMINI SQUARE

70 Gallon Vertical Square Dual Containment tank - SD - Natural, 24" x 24" x 41"

**01-1072**
## GEMINI CYLINDRICAL

120 Gallon Vertical Dual Containment tank - SD - Natural, 33" diameter x 47" height

**LDB-0050-PRP/EK-34**
## JL WINGERT MIXER

JL Wingert 1/20 HP Mixer 1550 RPM, 115 VAC with fully Adjustable Steel Bracket Mount comes with 5/16 Inch x 34 Inch Stainless Steel Epoxy Coated Shaft and Propeller.

**6023-120V**
## TIMER

Set & Go Timer 120 VAC, 60 minutes

**0280/EK**
## PROPELLER SHAFT

34" Epoxy Coated Propeller Shaft 5/16" Diameter use with LDB-0050-PRP/EK-34 Mixer

**Additional tank sizes, mixers, & parts available. Please contact customer service for assistance.**

**CHEMICAL FEED**

## PD761-848SI
### LMI

Phase:1 PH
Volt: 115VAC
PSI: 70
GPH: 2
Suction: 3/8
Discharge: 3/8
Weight: 11LBS

## B131-362SI
### LMI

Phase:1 PH
Volt: 115VAC
PSI: 50
GPH: 4.5
Suction: 3/8
Discharge: 3/8
Weight: 15LBS

## 45MJL5A3STAA
### STENNER

Model: 45M5
Phase:1 PH
Volt: 115 VAC
PSI: 25
GPH: 0.10 - 2.08
Suction: 3/8
Discharge: 3/8
Weight: 9 LBS

## 85MJL5A3STAA
### STENNER

Model: 85M5
Phase:1 PH
Volt: 115 VAC
PSI: 25
GPH: 0.18 - 3.54
Suction: 3/8
Discharge: 3/8
Weight: 9 LBS

## A1N30A-7T1
### BLUE-WHITE

Model: A-100NA
Phase:1 PH
Volt: 115 VAC
PSI: 50
GPH: 3.96
Suction: 3/8
Discharge: 3/8
Weight: 10LBS

## A1A4-7T
### BLUE-WHITE

Model: A1A Series
Volt: 120 VAC
PSI: 40
GPD: 100

FlexFlo Peristaltic
Metering Pump for
commercial aquatics

## STENNER ECON T

### E10T1A81S8

Name Type: Stenner
Econ T
Phase:1
Volt: 120
PSI: 25
GPH: 0.10
Suction: 1/4 Inch
Discharge: 1/4 Inch
Weight: 5 LBS

### E10T2C81S8

Name Type: Stenner
Econ T
Phase:1
Volt: 120
PSI: 25
GPH: 0.63
Suction: 1/4 Inch
Discharge: 1/4 Inch
Weight: 5 LBS

## 011641
### WHISPERFLO

Phase: 3
Volt: 208-230/460
HP: 1
FLA: 4.9-4.5/2.3
Suction: 2 Inch
Discharge: 2 Inch
Weight: 41
SF: 1.65

## 015583
### WHISPERFLO

Phase:1
Volt: 115/208-230
HP: 1.1
FLA: 10.5/5.4-5.4
Suction: 2 Inch
Discharge: 2 Inch
Weight: 50
SF: 1.00

## 205955
### PULSAR BOOSTER

Phase:1
Volt: 115/230 VAC
FLA: 12.6 / 6.3
Suction: 2 Inch
Discharge: 2 Inch
Weight: 36
SF: 1.25

## BLACK & WHITE POLY TUBING

| PART NUMBER | DESCRIPTION |
|---|---|
| SC1000 | 1/4" O.D. White Poly Tubing |
| SC1001 | 3/8" O.D. White Poly Tubing |
| SC1002 | 1/2" O.D. White Poly Tubing |
| SC1003 | 5/8" O.D. White Poly Tubing |
| 01700250040111300100 | 1/4" O.D. Black Poly Tubing |
| 75062111300100 | 3/8" O.D. Black Poly Tubing |
| 00062111300100 | 1/2" O.D. Black Poly Tubing |
| 25062111300100 | 5/8" O.D. Black Poly Tubing |

**CHEMICAL FEED**

## MFV- MULTI FUNCTION VALVES



## FOOT VALVES



## INJECTION VALVES



## HEAD ASSEMBLY



## REPAIR KITS



## RPM PRO PACS



| PART # | TYPE | DESCRIPTION |
|---|---|---|
| 34626 | 4 Function Valve | LE 26S, 36S |
| 77383 | Connection Kit | Tubbing Connection Kit |
| 77382 | Connection Kit | Tubbing Connection Kit 1/4" |
| 77384 | Connection Kit | Tubbing Connection Kit 1/2" |
| 48728 | Injection Check Valve | Injection Check Valve |
| 48721 | Foot Valve | |
| 57706 | Multi-Function Valve | Retro Fit Kit |
| SP-U2 | Repair Kit | LE75S, 75T |
| SP-U6 | Repair Kit | LE 30, 30S,32, 34, 35P, 35T, 36, 36S |
| SP-U7 | Repair Kit | LE 190,190S, 191, 191S, 192, 192S, 193, 193S, 198, 198S |
| SP-U8 | Repair Kit | LE 150, 150S, 151, 151P, 151S, 152, 152S, 158 |
| SP-U9 | Repair Kit | LE 155, 155P, 155S |
| SP-26 | Repair Kit | LE 26, 26S |
| RPM-392/398 | RPM Pro Pac | LE 392XX, 398XX, 490XX, 498XX |
| RPM-362/368 | RPM Pro Pac | LE 362XX, 368XX, 460XX, 468XX |
| RPM-929 | RPM Pro Pac | LE 929XX |
| RPM-832 | RPM Pro Pac | LE 832XX, 838XX, 930NX, 930SX |
| RPM-822 | RPM Pro Pac | LE 822XX, 828XX, 920NX, 920SX |
| RPM-738 | RPM Pro Pac | LE 738XX |

Additional parts available. Please contact parts department for assistance.

## STENNER SANTOPRENE PUMP TUBES



## BLUE-WHITE NORPRENE PUMP TUBES



Older pumps not already retrofitted require retrofit kit #72000-550.

## AK700
## STENNER FLOW INDICATOR W/BRACKET 3/8"



| PART # | TYPE | DESCRIPTION |
|---|---|---|
| MCCP201 | Stenner Santoprene | #1 - Five Pack |
| MCCP202 | Stenner Santoprene | #2 - Five Pack |
| MCCP203 | Stenner Santoprene | #3 - Five Pack |
| MCCP204 | Stenner Santoprene | #4 - Five Pack |
| MCCP205 | Stenner Santoprene | #5 - Five Pack |
| MCCP207 | Stenner Santoprene | #7 - Five Pack |
| UCCP201 | Stenner Santoprene | #1 - Two Pack |
| UCCP202 | Stenner Santoprene | #2 - Two Pack |
| UCCP203 | Stenner Santoprene | #3 - Two Pack |
| UCCP204 | Stenner Santoprene | #4 - Two Pack |
| UCCP205 | Stenner Santoprene | #5 - Two Pack |
| UCCP207 | Stenner Santoprene | #7 - Two Pack |
| A1-4T | Blue-White Norprene | Tube Assembly A-100N (-4T) 1/4" OD 3/8" OD Tube Compression Fitting |
| A1-6T | Blue-White Norprene | Tube Assembly A-100N (-6T) 3/8" OD 3/8" OD Tube Compression Fitting |
| A1-7T | Blue-White Norprene | Tube Assembly A-100N (-7T) 7/16" OD 3/8" OD Tube Compression Fitting |

CHEMICAL FEED

**71811**
**1-1/2" VENTURI**

**PLSR12FNCV050**
**1/2" FPT LARGE LINE STRAINER ASSEMBLY**

**PLSS12MNCV050**
**1/2" MPT SMALL LINE STRAINER ASSEMBLY**

**205491**
**1/2" MXF BALL VALVE**

**205489**
**1/2" MXM BALL VALVE**

**71923**
**24V AC TRANSFORMER/ PLUG IN**

**212657**
**BRACKET LID SWITCH**

**AF12-30-10-11**
**ABB CONTACTOR**

**205478**
**BRIQUETTE SCREEN ASSEMBLY**
205446 - P-3
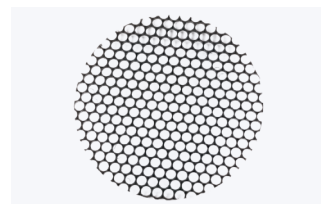
**212640**
**BRIQUETTE SCREEN ASSEMBLY**
205566 - P-45
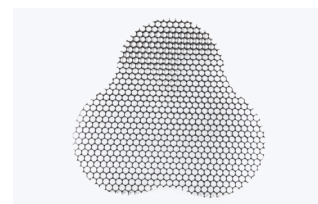
**212646**
**BRIQUETTE SCREEN ASSEMBLY**
205567 - P-140

**212653**
**BRIQUETTE SCREEN ASSEMBLY**
205568 - P-500
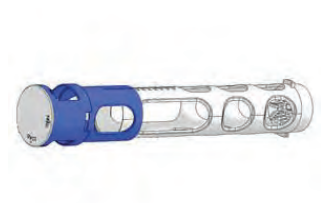
**226405**
**CARTRIDGE ASSEMBLY**
226392 - Infinity

**205959**
**CHECK VALVE**

CHEMICAL FEED

**205488**
**DEFLECTION PLATE**
205446 - P-3

**205894**
**DISCHARGE VALVE LOCKING TOOL**

**206079**
**DISCHARGE VALVE: ARM**

**205958**
**DISCHARGE VALVE: ASSEMBLY WITH CHECK VALVE**

**206078**
**DISCHARGE VALVE: ASSEMBLY WITH CHECK VALVE**

**206080**
**DISCHARGE VALVE: BODY**

**206082**
**DISCHARGE VALVE: FLOAT**

**938034**
**DISCHARGE VALVE: LOCK NUT**

**205606**
**DISSOLVING CUP W/ NOZZLE ASSEMBLY**
206077 - P-1

**938046**
**ELECTRONIC RELAY**
5007 - P-4

**205527**
**ELECTRONIC SHUT OFF**
5007 - P-4

**205450**
**EMERGENCY SHUT OFF VALVE - ARM ONLY**

**205442**
**EMERGENCY SHUT OFF VALVE ASSEMBLY**

**205452**
**EMERGENCY SHUT OFF VALVE: 1/4" SCREWS 4PK**

**205454**
**EMERGENCY SHUT OFF VALVE: FLOAT**

**5900045**
**EMERGENCY SHUT OFF VALVE: FLOAT PLATE**

CHEMICAL FEED

**205451**
**EMERGENCY SHUT OFF VALVE: MOUNTING PLATE**

**71538**
**EMERGENCY SHUT OFF VALVE: PVC NUT**

**205540**
**EMERGENCY SHUT OFF VALVE: RUBBER GASKET**

**205591**
**ENHANCEMENT ADAPTER**
205446 - P-3

**205592**
**ENHANCEMENT KIT**
205446 - P-3

**79698**
**FEED SPRAY NOZZLE**
206077 - P-1

**71617**
**FEED SPRAY NOZZLE**

**71888**
**FEED SPRAY NOZZLE**

**205604**
**FLOW INDICATOR**
206077 - P-1

**155480**
**FLOW INDICATOR**

**155872**
**FLOW INDICATOR REPAIR KIT**

**938033**
**GASKET FOR DISCHARGE VALVE**

**205610**
**GRID**
206077 - P-1

**205441**
**GRID (LOW/MED/HIGH)**
206077 - P-1

**205886**
**GRID (LOW/HIGH)**
206077 - P-1

**205957**
**GRID CAP**

**71373**
**GRID CLEANING PAN**

**206084**
**LINE STRAINER ASSEMBLY**

**226913**
**PLUG**
226392 - Infinity

**216423**
**SAFETY OVERFLOW SWITCH**

**206041**
**SAFETY SWITCH FOR LID**

**205472**
**SCOOP**

**71880**
**SHUT OFF ASSEMBLY**
5007 - P-4

**226792**
**SOLENOID VALVE**
226392 - Infinity

**233303**
**GRID BASKET**

**226402**
**NOZZLE**

**250951**
**EMERGENCY SHUT OFF VALVE**

**233308**
**BOWL**

**251185**
**REPLACEMENT LID**

CHEMICAL FEED

**8212A519S0100F1**
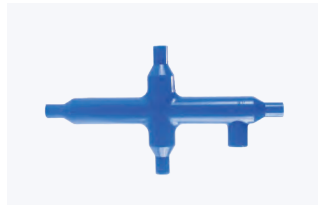**SOLENOID VALVE**

**206036**
**SPRAY KIT**
206077 - P-1

**205928**
**SPRAY MANIFOLD**
205446 - P-3

**205519**
**SPRAY TREE**
5007 - P-4

**226797**
**TRANSFORMER**
226392 - Infinity

**RK4.4T10RS4.4T**
**TURCK CABLE**

**RKC8T-10-RSC8T**
**TURCK CABLE EXTENSION**

**71901**
**WASH DOWN SPRAY NOZZLE**
5007 - P-4

**72861**
**WASH DOWN SPRAY NOZZLE**
205446 - P-3

**72862**
**WASH DOWN SPRAY NOZZLE**
205446 - P-3

**938049**
**WASHER FOR DISCHARGE VALVE ADAPTER**
205446 - P-3

**205885**
**WAVE DISSOLVING CUP**
206077 - P-1

**205890**
**WAVE LID FLAP**
206077 - P-1

## DIN CONNECTION
### Asco Solenoid - Slow Closing With DIN Connection

| Part No. | Description |
| --- | --- |
| SC8221G001 24/60 | 3/8", 24/60 |
| SC8221G001 120/60 | 3/8", 120/60 |
| SC8221G003 24/60 | 1/2", 24/60 |
| SC8221G003 120/60 | 1/2", 120/60 |
| SC8221G005 24/60 | 3/4", 24/60 |
| SC8221G005 120/60 | 3/4", 120/60 |
| SC8221G007 24/60 | 1", 24/60 |
| SC8221G007 120/60 | 1", 120/60 |

## BURKERT, 1/2"
### Burkert Solenoid with DIN Connection

| Part No. | Description |
| --- | --- |
| 322027 | 1/2", 24/60 |
| 273571 | 1/2", 120/60 |

## DIN CONNECTOR

| Part No. | Description |
| --- | --- |
| 236034. | DIN Connector without Cord |
| OM550ZRB29NEMA | DIN Connector and Cord with 120V Grounded Plug |

## HARDWIRE CONNECTION
### Asco Solenoid - Slow Closing With Hardwire Connection

| Part No. | Description |
| --- | --- |
| 8221G001 24/60 | 3/8", 24/60 |
| 8221G001 120/60 | 3/8", 120/60 |
| 8221G003 24/60 | 1/2", 24/60 |
| 8221G003 120/60 | 1/2", 120/60 |
| 8221G005 24/60 | 3/4", 24/60 |
| 8221G005 120/60 | 3/4", 120/60 |
| 8221G007 24/60 | 1", 24/60 |
| 8221G007 120/60 | 1", 120/60 |

## RAINBIRD SOLENOID

| Part No. | Description |
| --- | --- |
| 100PGA-B | 1", 24/60 |
| 150PGA-B | 1-1/2", 24/60 |
| 200PGA-B | 2", 24/60 |

## WEATHERMATIC SOLENOID

| Part No. | Description |
| --- | --- |
| 11024FCR-10D | 1", 24/60 |
| 11024FCR-15D | 1-1/2", 24/60 |
| 11024FCR-20D | 2", 24/60 |

## 3-9900-1
### LCD TRANSMITTER

Signet Field Mount LCD Transmitter

Flow Range:
0 to 99999 GPM

Power Requirement:
12-32VDC

## 3-8050
### MOUNTING KIT

Signet Field Mount LCD Transmitter

Signet 8050 Universal Mounting Kit for use with LCD Transmitter

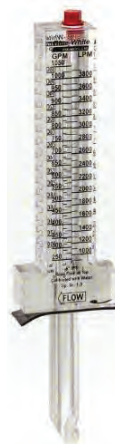## WSU240-0500-R
### POWER SUPPLY

Signet Field Mount LCD Transmitter

Triad Power Supply : 120VAC

Two Prong to 24VDC Two Wire

### IMPACT FLOW METER

Blue-White Horizontal Flow Meter

| Part No. | Size | SCH 40 GPM | SCH 80 GPM |
|---|---|---|---|
| F-30100P | 1" | 5-35 | 4-26 |
| F-30150P | 1.5" | 10-70 | 10-60 |
| F-30200P | 2" | 20-120 | 18-100 |
| F-30250P | 2.5" | 29-150 | 25-130 |
| F-30300P | 3" | 45-240 | 40-215 |
| F-30400P | 4" | 75-420 | 70-375 |
| F-30600P | 6" | 170-1100 | 160-1000 |
| F-30800P | 8" | 300-2200 | 275-1950 |

## MAGNETIC FLOW SENSOR FREQUENCY OUTPUT

| | | |
|---|---|---|
| 3-2551-P0-11 | 1/2" to 4" pipe size | |
| 3-2551-P1-11 | 5" to 8" pipe size | |
| 3-2551-P2-11 | 10" to 36" pipe size | |

**4 to 20 mA Output**

| | | |
|---|---|---|
| 3-2551-P0-12 | 1/2" to 4" pipe size | |
| 3-2551-P1-12 | 5" to 8" pipe size | |
| 3-2551-P2-12 | 10" to 36" pipe size | |

Signet 2551 Magmeter insertion type magentic flow sensor with no moving parts, frequency output, 24VDC power requirement, use with 9900 display transmitter - not included

### 515 ROTOR-X

Signet 515 Roto-X paddlewheel flow sensor - use with 9900 display transmitter - not included

| | | |
|---|---|---|
| P51530-P0 | 1/2" to 4" pipe size | |
| P51530-P1 | 5" to 8" pipe size | |
| P51530-P2 | 10" to 36" pipe size | |

### CLAMP-ON SENSOR SADDLE SCH 80

| | |
|---|---|
| PV8S020 | 2" |
| PV8S025 | 2-1/2" |
| PV8S030 | 3" |
| PVUS040 | 4" |
| PVUS060 | 6" |
| PV8S080 | 8" |

### GLUE-ON SENSOR SADDLE SCH 80

| | |
|---|---|
| PV8S100 | 10" |
| PV8S120 | 12" |

### FLOWVIS

Ingenious in concept and flawless in operation.

| | |
|---|---|
| FV-15-U | 1.5" Pipe Size |
| FV-2-U | 2" Pipe Size |
| FV-3 | 3" Pipe Size |

## 1000-6376
### GAUGE
N-B 4.5 Panel Mount
0 to 60PSI

## 190059
### GAUGE
Triton 2-1/2", 0 to 60 PSI, 1/4" MIPT Back Connection

## ILCG36025-4LNL.
### GAUGE
2-1/2" Liquid Filled, 30-0-60, 1/4" MIPT Lower Connection

## ILPG6025-4LNL.
### GAUGE
2-1/2" Liquid Filled, 0-60, 1/4" MIPT Lower Connection

## ILPG30025-4LNL.
### GAUGE
2-1/2" Liquid Filled, 0-300, 1/4" MIPT Lower Connection

## ILVG3025-4LNL
### GAUGE
2-1/2" Liquid Filled, 30-0, 1/4" MIPT Lower Connection

## PGBS1/4
### SNUBBER
1/4" MIPT x 1/4" FIPT (for gauges), Brass Snubber

## T38 301331TC
### STOPCOCK
1/4" FIPT x 1/4" FIPT, Brass Stopcock

## 310DVU35
### THERMOMETER
Vari-Angle Digital Solar Thermometer

## E35-75BS
### BRASS WELL
Brass Well
3-1/2" Stem 3/4"

## R141200
### THERMOMETER
Pentair E-Z Read Thermometer Model 136

## SL1DW
### THERMOMETER
Inline Thermometer with Nylon Well

# DEFENDER - REGENERATIVE

**1000-5531**
**WATER SEPARATOR**
1/2" FNPT x 3/8"
Auto-Drain

**1000-5527**
**FILTER REGULATOR**
1/2" FNPT x 3/8"
Auto-Drain

**1000-4204**
**VIEWING WINDOW GASKET**
5-1/6" OD x 3-7/8" ID x 1/8" Thick

**1000-4243**
**VIEWING WINDOW GASKET**
7-3/4" OD x 6" ID x 1/8" Thick

**11499**
**FILTER ELEMENT**
Vacuum Transfer Filter

**FG-1032000+01**
**MEDIA VAC LID**
7-3/8" OD x 7-1/4" ID x 5/8" Height

**DMVFE95**
**FILTER ELEMENT**
Vacuum Transfer Filter

**RTE-P1AF20**
**ELECTRONIC TIMER**
100-240 VAC, Pin Type Connection

**AS2301F-N02-07SA**
**FLOW CONTROL**
Elbow Type / Universal
.250 MIPT x .250
Tubing Connection

**AS2301F-N01-07SA**
**FLOW CONTROL**
Elbow Type / Universal
.125 MIPT x .250
Tubing Connection

**AN40-N04**
**EXHAUST MUFFLER**
1/2" MIPT

**6F600**
**EXHAUST MUFFLER**
3/4" MIPT

**KQ2H07-35AS**
**QUICK CONNECT FITTING**
Straight .250" MIPT x
.250" Tubing Connection

**KQ2H11-36S**
**QUICK CONNECT FITTING**
Straight .375" MIPT x
.375" Tubing Connection

**SY7140-3DZ**
**SOLENOID VALVE**
120VAC Coil

**SY7140-5DZ**
**SOLENOID VALVE**
24VDC Coil

# MULTIPORT VALVES / PENTAIR EQ STRAINER PARTS

**AQ5000-N04**
**EXHAUST VALVE**
1/2" FNPT

**11272**
**INDICATOR BULB**
60V, 20mA

**1000-5528**
**MANWAY GASKET**
14" x 18" x .250" for Fiberglass Tanks

**1000-7179**
**MANWAY GASKET**
14" x 18" x .250"

**1000-6657**
**SPIDER YOKE**
Two-Hole Type for Fiberglass Filters

**261050**
**HI-FLOW MULTIPORT VALVE**

Hi-Flow Multiport Valve
7-1/2" Centerline with 2" slip connections.

**261055**
**MULTIPORT VALVE**

Multiport Valve for Triton (SM20-3), 7-1/2" Centerline with 2" threaded female connections.

**350171**
**CLAMP CAM**
Clamp Cam and Ramp ( No Lid )

**350166**
**LID GASKET**

**357161Z**
**DRAIN PLUG**

**356750**
**CLEAR LID**

**357184**
**STRAINER BASKET**

**192115Z**
**DRAIN PLUG O-RING**

# NEPTUNE BENSON STRAINER PARTS

### 1000-6432
**GASKET**

12.25" OD
10.875" ID x
.250" Thick

For Guardian 5" and 8" H
and L Strainers

### 1000-6429
**GASKET**

18.00" OD
16.375" ID
.250" Thick

For Guardian 10" and 12"
H and L Strainers

### 1000-6427
**GASKETS**

10.125" OD
8.75" ID
.250" Thick

For Guardian 3" and 4" H
& L Strainers

### 3.8PLAWASH
**NYLON WASHER**

### 1509489T73
**EYEBOLT**

16 x 3.75"

### 1000-5457
**SECURING KNOB**

3/8-16

**STRAINER LID**

**STRAINER BASKET**

*CONTACT US FOR PART NUMBER

---

# BECSys

## Water Chemistry and Equipment Room Controls

# BECSys Live!

BECSys *Live!* provides simple and secure 24/7 real-time access to BECSys controllers.

✓ It's really easy
✓ Highly secure
✓ Real-time dashboards
✓ Change settings
✓ Review graphs
✓ Run reports

And best of all, it's free!
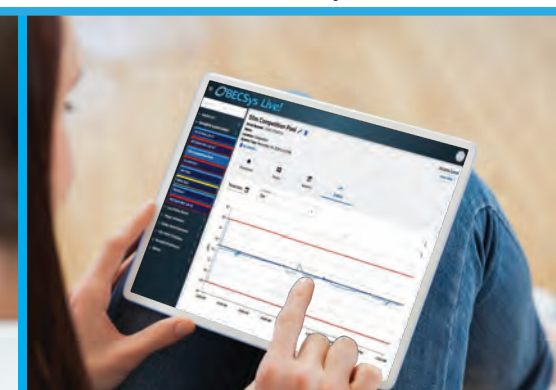
Visit **becsys.live** to learn more and get started.
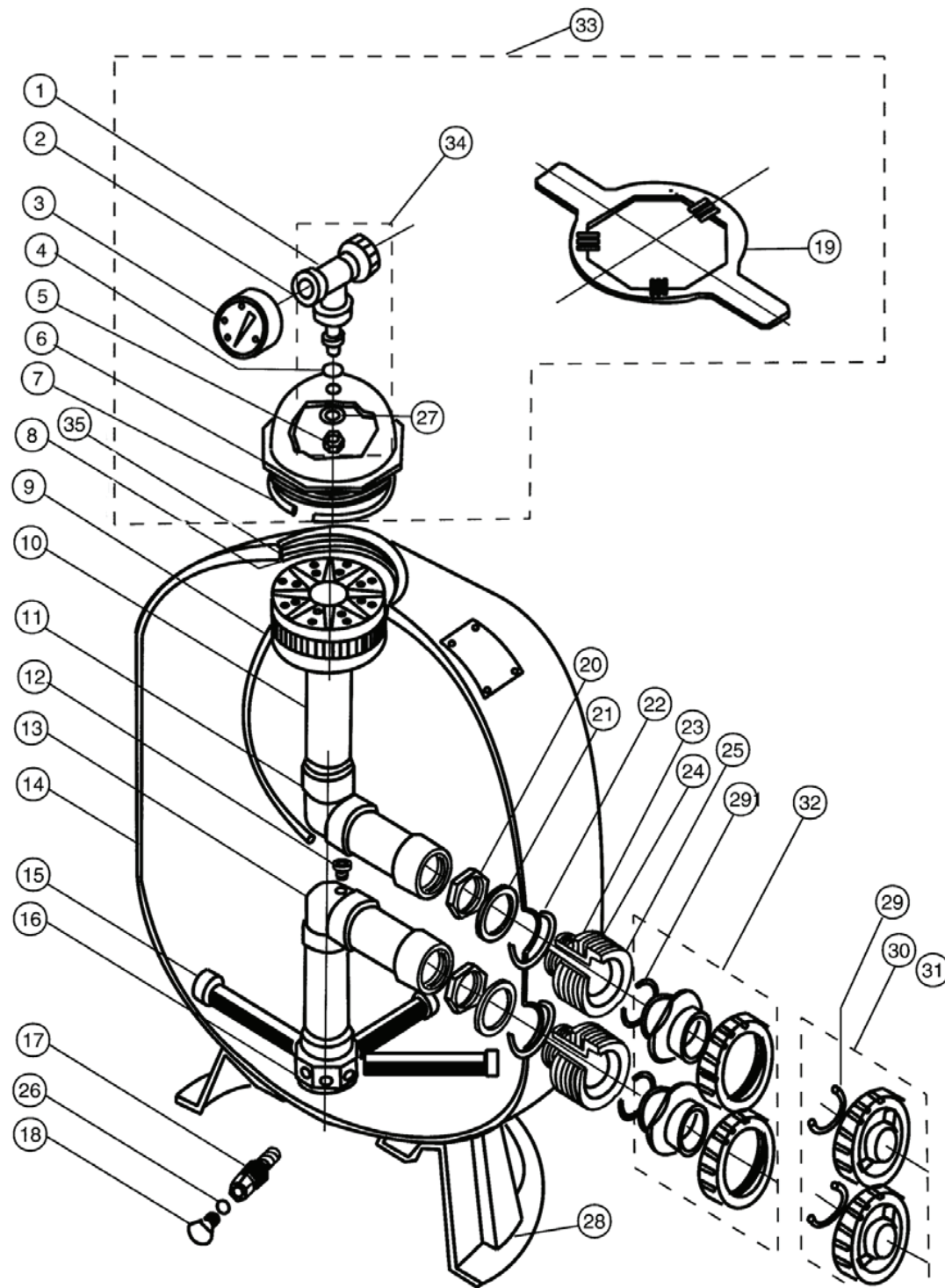
| Run Reports | Real-time Dashboards | Review Graphs |

*Providing the world's most advanced water chemistry solutions*

# BECS TECHNOLOGY

Detail A after 12/1/91
6 in. btr. Thread.

Detail B before 12/1/91
6 in. "V" Thread.

Filters manufactured after Dec 1, 1991
utilize a 6 in. btr. thread in the filter tank top  opening and on the closure, see Detail A.
Filters manufactured before Dec 1, 1991  utilize a 6 in. "V" type thread, see Detail B.
6 in. closures in Detail A and B are NOT  interchangeable.

1 Used on filters manufactured before 2-89.
2 Used on filters manufactured after 2-89.
3 All filters manufactured before 11-1-99.
4 Used on filters manufactured after 11-1-99.
5 Used on filters manufactured before 5-85.
6 Used on filters manufactured after 5-85.
7 Used on filters manufactured before 3-83.
8 Used on filters manufactured after 3-83.

9 For installations w/out valve, pair.
10 Used on all TR100 & 140 filters manufactured after  10-1-01.
11 Replacement of tank foot requires the use of foot mounting tape. See P/N's.
12 Fitting package includes items 1,2,4,5 and 27.
13 For individual parts for closure kit for TR100 and  TR140 see replacement parts pages.
14 For TR60's built after 6-07.

| Item | Description | Part # |
|---|---|---|
| 1 | Air bleeder/tee assembly 13 | 154689 |
| 2 | Adapter, brass air bleeder 13 | 154700 |
| 3 | Gauge, back mount pressure 13 | 190059 |
| 4 | O-ring, air bleeder adapter 13 | 154661 |
| 5 | Nut, 3/8 in., 16 SS 13 | 154664 |
| 6 | Closure 6 in. "V" thread, black, see Detail B 13 | 154559 |
| 7 | O-ring closure, 6 in., white 13 | 154493 |
| 8 | Strainer air relief, 1/4 in. 3 | 154578 |
| 8 | Strainer air relief, 3/8 in. 4 | 150035 |
| 9 | Tube air relief TR40 3 | 154435 |
| 9 | Tube air relief TR40 4 | 150039 |
| 9 | Tube air relief TR50/60 3 | 154436 |
| 9 | Tube air relief TR50/60 4 | 150040 |
| 9 | Tube air relief TR100 3 | 154437 |
| 9 | Tube air relief TR100 4 | 150041 |
| 9 | Tube air relief TR140 3 | 154438 |
| 9 | Tube air relief TR140 4 | 150042 |
| 10 | Diffuser assembly TR40/50 | 154598 |
| 10 | Diffuser assembly TR60 | 154599 |
| 10 | Diffuser assembly TR100 | 154462 |
| 10 | Diffuser assembly TR140 | 154906 |
| 11 | Piping assembly upper TR40 | 154803 |
| 11 | Piping assembly upper TR50 | 156814 |
| 11 | Piping assembly upper TR60 | 154533 |
| 11 | Piping assembly upper TR100 | 154426 |
| 11 | Piping assembly upper TR140 | 154500 |
| 12 | Connector air relief tube 3 | 154441 |
| 12 | Connector air relief tube 4 | 150036 |
| 13 | Piping assembly lower TR40 | 154801 |
| 13 | Piping assembly lower TR50 | 156816 |
| 13 | Piping assembly lower TR60 | 154805 |
| 13 | Piping assembly lower TR60 14 | 155284 |
| 13 | Piping assembly lower TR/ PF100 | 154807 |

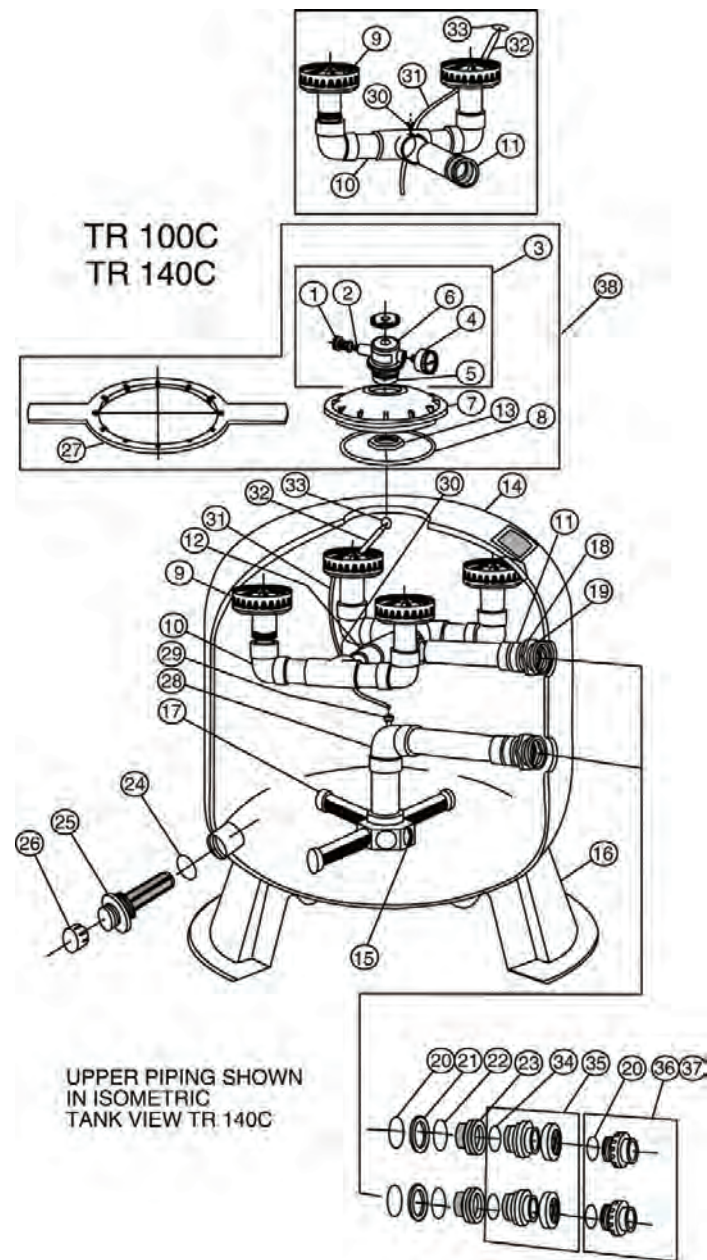| Description | Part # |
|---|---|
| Not Shown | |
| Tape ft. mounting TR40/50/60, 3 req. | 154402 |
| Tape ft. mounting TR100/140, 3 req. | 154407 |
| Bulkhead wrench, 2 in. | 151602 |
| Bulkhead kit include items 20-25 | 154714 |
| Aluminum wrench, 8-1/2 in. | 151092 |
| Sand drain, 2 in. (used on TR100 and TR140) (Left-hand thread) | 152220Z |
| Cap thd., 1-1/2 in. | 154871 |
| Sand drain O-ring TA100 (used on TR100 and (TR140) | 274494 |

| Item | Description | Part # |
|---|---|---|
| 13 | Piping assembly lower TR140 | 154489 |
| 14 | Tank & ft. assembly TR40, 6 in. btr. thd., Almond, Detail A | 154636 |
| 14 | Tank & ft. assembly TR50, 6 in. btr. thd., Almond, Detail A | 154637 |
| 14 | Tank & ft. assembly TR60, 6 in. btr. thd., Almond, Detail A | 154638 |
| 14 | Tank & ft. assembly TR100, 8-1/2 in. btr. thd., Almond, Detail A | 154639 |
| 14 | Tank & ft. assembly TR100HD btr. thread, black HD | 156224 |
| 15 | Lateral, 6-11/16 in. L TR40/50/60, 8 req. | 152290 |
| 15 | Lateral TR60 Grey. 1/4 turn 14 | 150085 |
| 15 | Lateral, 9-1/8 in. L TR100, 8 req.6 | 152202 |
| 15 | Lateral, 12 in. L TR140, 8 req | 154540 |
| 15 | Lateral, ClearPro | 150088 |
| 16 | Hub lateral TR40/50/60 | 154763 |
| 16 | Hub lateral, ClearPro- 6 req 14 | 155753 |
| 16 | Hub lateral TR100/140 | 154453 |
| 17 | Spigot, 3/4 in. NPT sand drain 8 | 154698 |
| 18 | Plug, 1/4 in. NPT drain 8 | 357161 |
| 18 | Drain Plug Assy | U178-920P |
| 19 | Wrench, 6 in. closure 13 | 154512 |
| 19 | Wrench closure aluminum, 6 in. 13 | 154510 |
| 20 | Locknut, 2 in. internal, 2 req. | 154412 |
| 21 | Spacer, 2 in. internal, 2 req. | 154416 |
| 22 | O-ring, 2 in. bulkhead, 2 req | 154492 |
| 23 | Spacer, 2 in. external, 2 req. | 154408 |
| 24 | Gasket, 2 in. bulkhead, 2 req | 154538 |
| 25 | Bulkhead, 2 in., 2 req. | 154405 |
| 26 | O-ring drain plug 8 | 192115 |
| 27 | Washer, 3/8 in. SS 13 | 154418 |
| 28 | Foot, 16 in. dia., TR40/50 2, 11 | 154926 |
| 28 | Foot, 19 in. dia., TR60 2, 11 | 154520 |
| 28 | Foot, 24 in. dia., TR100/140 2, 11 | 154596 |
| 29 | O-ring valve adptr., 2 req. | 274494 |
| 30 | 2 in. Thread adapter. kit 9 | 271092 |
| 31 | 1-1/2 in. Thread adapter. kit 9 | 271094 |
| 32 | 2 in. Slip adapter. kit 9 | 271096 |
| 32 | Adapter Kit, 1-1/2 in. x 2 in. | 274426 |
| 33 | Kit closure, 8-1/2 in HD | 155738 |
| 33 | Kit closure, 6 in. btr. thread, black,Detail A 13 | 154641 |
| 33 | Spacer air vent strainer, 5 in., TR140 | 154697 |
| 33 | Kit closure, 8-1/2 in. btr. thread, black 10, 13 | 154856 |
| 34 | Fitting package complete 12, 13 | 154687 |
| 35 | Spacer air vent strainer, 3-3/4 in., TR40 | 154611 |
| 35 | Spacer air vent strainer, 4-1/2 in., TR50/60 | 154612 |
| 35 | Spacer air vent strainer, 5 in., TR140 | 154613 |
| 35 | Spacer air vent strainer, 5 in., TR140 | 154614 |

# TRI100C™ & TRI140C™ SAND FILTERS

| Item | Description | Part # |
|---|---|---|
| 1 | Air bleeder w/ O-ring | 273512 |
| 2 | O-ring air bleeder screw | 273513 |
| 3 | Manual air relief body assembly | 273564 |
| 4 | Pressure gauge | 190059 |
| 5 | O-ring, 3/16 in. x 2-5/8 in. i.d. | 274495 |
| 6 | Valve body machined ARF | 273564 |
| 7 | Closure, 8-1/2 in. btr. | 154575 |
| 8 | Square ring 8-1/2 in. | 152509 |
| 9 | Diffuser Assembly | 154599 |
| 10 | Piping assembly upper TR100C, TR140C 1 | 156355 |
| 11 | Piping assembly upper inlet TR100C, TR140C | 156344 |
| 12 | Piping connecting assembly upper TR140C | 156354 |
| 14 | ank & ft. assembly TR100C, 8-1/2 in. btr. thd., black | 153430 |
| 14 | Tank & ft. assembly TR140C, 8-1/2 in. btr. thd., black | 153431 |
| 15 | Hub lateral TR100C/TR140C | 154453 |
| 16 | Foot, 24 in. dia. TR100C/TR140C | 154596 |
| 17 | Lateral, 9-1/8 in. TR100C, 8 req. | 152202 |
| 17 | Lateral, 12 in. TR140C, 8 req. | 154540 |
| 18 | Locknut, 2 in. internal | 154412 |
| 19 | Spacer, 2 in. internal | 154416 |
| 20 | O-ring, 2 in. bulkhead | 154492 |
| 21 | Spacer, 2 in. external | 154408 |
| 22 | Gasket, 2 in. bulkhead | 154538 |
| 23 | Bulkhead, 2 in. | 154405 |
| 24 | O-ring, 3/16 in. x 2-5/8 in. L.H. Thread | 274494 |
| 25 | 2 in. sand drain (Left-hand thread) | |
| 26 | Cap thd., 1-1/2 in. | 154871 |
| 27 | Wrench, 8-1/2 in. closure | 154527 |
| 28 | Piping assembly lower TR100C | 154807 |
| 28 | Piping assembly lower TR140C | 154489 |
| 29 | Connector air relief tube 3 | 150036 |
| 30 | Screw, No.14 18-8 TR100C 1 | 273071 |
| 31 | Tube air relief TR100C 2 | 154437 |
| 31 | Tube air relief TR100C 3 | 150041 |
| 31 | Tube air relief TR140C 2 | 154438 |
| 31 | Tube air relief TR140C 3 | 150042 |
| 32 | Spacer air vent strainer TR100C 6-3/4 in. | 154507 |
| 32 | Spacer air vent strainer TR140C 10-5/16 in. | 154508 |
| 33 | Strainer air relief 2 | 154578 |
| 33 | Strainer air relief 3 | 150035 |
| 34 | O-ring valve adapter | 274494 |
| 35 | 2 in. slip adaptor kit for inst. w/o valve (pair) | 271096 |
| 35 | Adapter Kit, 2-1/2 in. x 2 in. | 274426 |
| 36 | 2 in, thd. adaptor kit for inst. w/o valve (pair) | 271092 |
| 37 | 1-1/2 in, thd. adaptor kit for inst. w/o valve (pair) | 271094 |
| 38 | Kit closure 8-1/2 in. btr. thd. blk. | 154856 |



TR 100C
TR 140C

UPPER PIPING SHOWN
IN ISOMETRIC
TANK VIEW TR 140C

# TRITON® C-3 FILTERS

| Item | Description | Part # |
|---|---|---|
| 1 | Air bleeder w/ O-ring | 273512 |
| 2 | O-ring air bleeder screw | 273513 |
| 3 | Manual air relief body assembly | 273564 |
| 4 | Pressure gauge | 190059 |
| 5 | O-ring, 3/16 in. x 2-5/8 in. i.d. | 274495 |
| 6 | Valve body machined ARF | 273564 |
| 7 | Closure, 8-1/2 in. btr. | 154575 |
| 8 | Square ring 8-1/2 in. | 152509 |
| 9 | Diffuser Assembly | 154599 |
| 10 | Piping assembly upper TR100C, TR140C 1 | 156355 |
| 11 | Piping assembly upper inlet TR100C, TR140C | 156344 |
| 12 | Piping connecting assembly upper TR140C | 156354 |
| 14 | ank & ft. assembly TR100C, 8-1/2 in. btr. thd., black | 153430 |
| 14 | Tank & ft. assembly TR140C, 8-1/2 in. btr. thd., black | 153431 |
| 15 | Hub lateral TR100C/TR140C | 154453 |
| 16 | Foot, 24 in. dia. TR100C/TR140C | 154596 |
| 17 | Lateral, 9-1/8 in. TR100C, 8 req. | 152202 |
| 17 | Lateral, 12 in. TR140C, 8 req. | 154540 |
| 18 | Locknut, 2 in. internal | 154412 |
| 19 | Spacer, 2 in. internal | 154416 |
| 20 | O-ring, 2 in. bulkhead | 154492 |
| 21 | Spacer, 2 in. external | 154408 |
| 22 | Gasket, 2 in. bulkhead | 154538 |
| 23 | Bulkhead, 2 in. | 154405 |
| 24 | O-ring, 3/16 in. x 2-5/8 in. L.H. Thread | 274494 |
| 25 | 2 in. sand drain (Left-hand thread) | 152220Z |
| 26 | Cap thd., 1-1/2 in. | 154871 |
| 27 | Wrench, 8-1/2 in. closure | 154527 |
| 28 | Piping assembly lower TR100C | 154807 |
| 28 | Piping assembly lower TR140C | 154489 |
| 29 | Connector air relief tube 3 | 150036 |
| 30 | Screw, No.14 18-8 TR100C 1 | 273071 |
| 31 | Tube air relief TR100C 2 | 154437 |
| 31 | Tube air relief TR100C 3 | 150041 |
| 31 | Tube air relief TR140C 2 | 154438 |
| 31 | Tube air relief TR140C 3 | 150042 |
| 32 | Spacer air vent strainer TR100C 6-3/4 in. | 154507 |
| 32 | Spacer air vent strainer TR140C 10-5/16 in. | 154508 |
| 33 | Strainer air relief 2 | 154578 |
| 33 | Strainer air relief 3 | 150035 |
| 34 | O-ring valve adapter | 274494 |
| 35 | 2 in. slip adaptor kit for inst. w/o valve (pair) | 271096 |
| 35 | Adapter Kit, 2-1/2 in. x 2 in. | 274426 |
| 36 | 2 in, thd. adaptor kit for inst. w/o valve (pair) | 271092 |
| 37 | 1-1/2 in, thd. adaptor kit for inst. w/o valve (pair) | 271094 |
| 38 | Kit closure 8-1/2 in. btr. thd. blk. | 154856 |
| 40 | Hub | 154016 |



TR 100C-3 Upper Piping
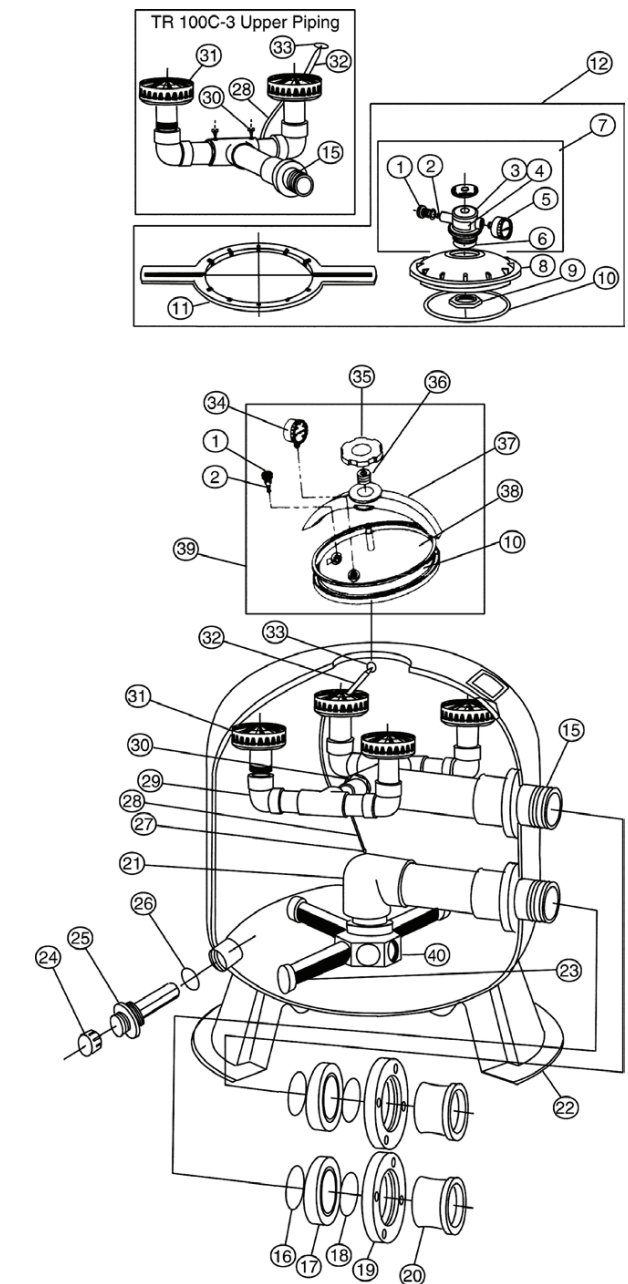
| Description | Part # |
|---|---|
| Not Shown | |
| Oval Bulkhead Wrench | 151600 |
| Oval Bulkhead Wrench | 151604 |
| 3" Flange Gaskets | 150096 |
| Aluminum Wrench | 151092 |

**SAFETY**

## RING BUOYS

**JBW-20**
20", Model #718 White Ring Buoy

**JBW-24**
24", Model #720 White Ring Buoy

**JBW-30**
30", Model #723 White Ring Buoy

**10-201-RED**
### RESCUE TUBES
50" x 6" x 4" Model #708 Red Guard Water Safety Rescue Tube

**12346.R**
### UMBRELLA
6-1/2' Dia. Red Vinyl Tilting lifeguard Umbrella

**12-002-ROY/WHI**
### UMBRELLA
6-1/2' Dia. Specify Color: BW, GW, RW, YW Vinyl Tilting Umbrella

**9DLH9**
### WHISTLE
Classic Safety Black Whistle Only

**12356.BK**
### LANYARD
Black Lanyard

## BLUE/WHITE ROPE
ORDER BY FOOT

| Part No. | Description |
|----------|-------------|
| PR38-6 | 3/8" Diameter Blue/White Rope |
| PR50-3 | 1/2" Diameter Blue/White Rope |
| PR75-3 | 3/4" Diameter Blue/White Rope |

IFXXXX          R1810XX

## ROPE FLOATS

| Part No. | Description |
|----------|-------------|
| IF3538 | 3" x 5" Handi-Lock, 3/8" Rope Diameter |
| IF3550 | 3" x 5" Handi-Lock, 1/2" Rope Diameter |
| IF5950 | 5" x 9" Handi-Lock, 1/2" Rope Diameter |
| IF5975 | 5" x 9" Handi-Lock, 3/4" Rope Diameter |
| R181016 | 3" x 5" Polyethylene, 1/2" Rope Diameter |
| R181086 | 5" x 9" Polyethylene, 3/4" Rope Diameter |

**R221026**
### LIFE HOOK
Life Hook Model 153

**R221030**
### LIFE HOOK HARDWARE
Hardware Mounting Set

**10-222-60**
### 60" THROW LINE

**R191104**
### POLE
16' Fiberglass Straight Safety Pole Model 818-16

## ROPE HOOKS

| Part No. | Description |
|----------|-------------|
| 14452 | 3/8" Diam. A |
| 14462 | 1/2" Diam. B |
| AGHP53 | 3/4" Diam. C |

**12449**
### MYLAR RESCUE BLANKET
52" x 84"

**3ARD8**
### HONEYWELL EYEWASH STATION 32 OUNCE

**12448**
### WOOL RESCUE BLANKET
66" x 84"

SAFETY

SAFETY

## RESUSCITATION MASKS

**540212000**
**SINGLE USE INFANT RESUSCITATOR**

**520211000**
**SINGLE USE ADULT RESUSCITATOR**

Ambu SPUR II is the only single use resuscitator that is made from a SEBS polymer instead of PVC. This classifies Ambu SPUR II as environmentally safe and fully disposable, thus eliminating all risk of cross contamination. It is part of a complete family of resuscitators, including infant, pediatric, and adult sizes.
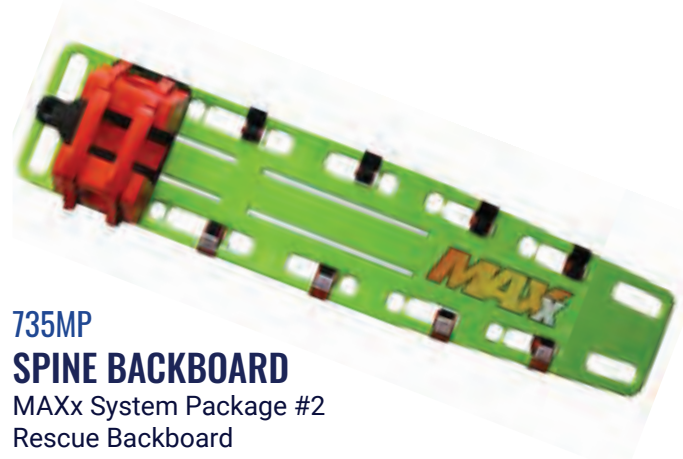
## SPINE BOARDS

**735MP**
**SPINE BACKBOARD**
MAXx System Package #2 Rescue Backboard

**735M**
**SPINE BACKBOARD**
MAXx Backboard Only

**737V**
**STRAPS**
Velcro Backboard Straps

The MAXx Rescue Backboard is one of the most X-ray translucent backboards available. The 15 pound lightweight, ergonomic design features large non-slip handholds, integrally molded pins, and bottom runners for stability and handhold clearance.

**34WK74**
**FIRST AID KIT**
25 Person First Aid Kit

**10-001-RED**
**HEAD IMMOBILIZER**

**6AD97**
**RESPIRATOR**
Medium Half Mask Respirator Only
(use with 4AD98 Chemical Cartridges)

**6003/07047**
**RESPIRATOR CARTRIDGE**
Yellow / 2 Pack Chemical Cartridge
(use with 6AD97 & 6AP71 Mask)

**1VT70**
**SAFETY GOGGLES**
Chemical Splash/Impact Resistant Goggles

**5T476**
**SLEEVE PROTECTORS**
20" Long Silver Sleeves (Pair)

**6784**
**NEOPRENE GLOVES**
14" Long Size 10 Chemical Resistant Gloves (Pair)

**93210**
**ACID APRON**
50" Long Green PVC Bib Apron

**200-1090A**
**SECURE KIT**
Secure Kit For Pal Lift

**400-7000**
**4-BUTTON LIFT OPERATOR**
4-Button LiftOperator Control ( Not Keyed )

**1001495**
**BATTERY LIFT OPERATOR**

**900-1000**
**SPLASH LIFT SEAT BELT**
Splash Lift Seat Belt Assembly

**1001600**
**4-BUTTON HAND CONTROLLER**
4-Button Hand Controller 100-4000A

**1001550**
**LIFT OPERATOR UPGRADE KIT**

## FIRE DIAMOND SIGNS

**SAFETY**

### OXIDIZER-CHLORINE / SODIUM HYPOCHLORITE SIGN

**5201WS1212E**

White Styrene
12" x 12" / 4 - Grommet Mount

**3B0R1YOXW**

12" x 12" / Peel and Stick Mount

### CORROSIVE-HYDROCHLORIC ACID SIGN

**5203WS1212E**

White Styrene
12" x 12" / 4 - Grommet Mount

**3B0R0YCORW**

12" x 12" / Peel and Stick Mount

### CORROSIVE-SODIUM BISULFATE SIGN

**5204WS1212E**

White Styrene
12" x 12" / 4 - Grommet Mount

**1B0R0YW**

12" x 12" / Peel and Stick Mount

### CORROSIVE-BLEACH SIGN

**5205WS1212E**

White Styrene
12" x 12" / 4 - Grommet Mount

**2B0R1YW**

12" x 12" / Peel and Stick Mount

### DANGER HAZARDOUS POOL CHEMICALS SIGN

**DHC1824**

18" x 24" / 4 - Peel and Stick Mount

**5001WS1824E**

18" x 24" / 4 - Grommet Mount

---

White Styrene
12" x 18"
4 - Grommet Mount

**7067WS1218E**
### POOL CLOSED SIGN

White Styrene
24" x 30"
4 - Grommet Mount

**1802WS2430E**
### WARNING NO LIFEGUARD ON DUTY SIGN

White Styrene
12" x 10"
4 - Grommet Mount

**8310WS1210E-I**
### MAXIMUM BATHER LOAD SIGN

(Advise capacity to print at no extra charge)

White Styrene
18" x 24"
4 - Grommet Mount

**6604WS1824E-I**
### WARNING NO DIVING ALLOWED SIGN

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**LIGHTING**

### POOL LIGHTS
Intellibrite 5G
White LED

| Part | Volts/Watts | Incandescent Equivalency | Cord Length |
|------|-------------|--------------------------|-------------|
| 601100 | 120V, 40W | 300W | 30' |
| 601101 | 120V, 40W | 300W | 50' |
| 601102 | 120V, 40W | 300W | 100' |
| 601103 | 120V, 40W | 300W | 150' |
| 601104 | 120V, 40W | 300W | 250' |
| 601105 | 12V, 40W | 300W | 30' |
| 601106 | 12V, 40W | 300W | 50' |
| 601107 | 12V, 40W | 300W | 100' |
| 601108 | 12V, 40W | 300W | 150' |
| 601200 | 120V, 48W | 400W | 30' |
| 601201 | 120V, 48W | 400W | 50' |
| 601202 | 120V, 48W | 400W | 100' |
| 601203 | 120V, 48W | 400W | 150' |
| 601204 | 120V, 48W | 400W | 250' |
| 601205 | 12V, 48W | 400W | 30' |
| 601206 | 12V, 48W | 400W | 50' |
| 601207 | 12V, 48W | 400W | 100' |
| 601208 | 12V, 48W | 400W | 150' |
| 601300 | 120V, 55W | 500W | 30' |
| 601301 | 120V, 55W | 500W | 50' |
| 601302 | 120V, 55W | 500W | 100' |
| 601303 | 120V, 55W | 500W | 150' |
| 601304 | 120V, 55W | 500W | 250' |
| 601305 | 12V, 55W | 500W | 30' |
| 601306 | 12V, 55W | 500W | 50' |
| 601307 | 12V, 55W | 500W | 100' |
| 601308 | 12V, 55W | 500W | 150' |

### SPA LIGHTS
Intellibrite 5G White LED

| Part | Volts/Watts | Incandescent Equivalency | Cord Length |
|------|-------------|--------------------------|-------------|
| 640140 | 120V, 18W | 100W | 30' |
| 640141 | 120V, 18W | 100W | 50' |
| 640142 | 120V, 18W | 100W | 100' |
| 640143 | 120V, 18W | 100W | 150' |
| 640144 | 120V, 18W | 100W | 250' |
| 640150 | 12V, 18W | 100W | 30' |
| 64151 | 12V, 18W | 100W | 50' |
| 61153 | 12V, 18W | 100W | 100' |
| 640152 | 12V, 18W | 100W | 150' |

Additional lights and parts available.
Please contact parts department for assistance.

## R121230
## LEAF RAKE

Pro leaf rake with 3/8 Inch aluminum anodized frame and rubber squeegee strip easily removes leaves and debris from bottom of pool.

## R121196
## HAND SKIMMER NET

Pentair professional grade heavy-duty hand skimmer with 3/8 Inch aluminum anodized support and ABS frame stands up to tough wear.

## PB-12
## POOL BLOK

5-34" x 2-3/4" x 2-3/4" Pool Blok Tile & Concrete Cleaner

## SP1056
## HYDROSTATIC RELIEF VALVE

1-1/2" / 2" Spring Loaded with O-Ring Included

## R22001Z
## POLE SPRING CLIP

Spring Clip For Cleaning Poles

## R221036
## POLE HANGER

Model 145 / Pair

## R191092
## FIBERGLASS POLES
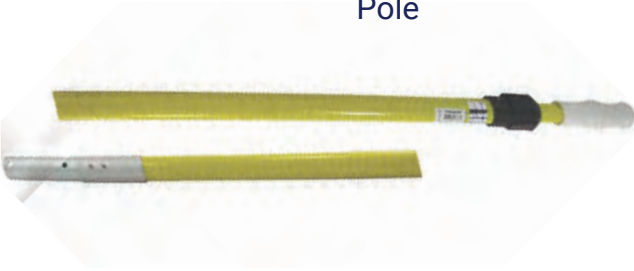
8' to 16' Commercial Telescopic Cleaning Pole

## ALUMINUM POLES

## R191088
12' to 23-1/2' Commercial Telescopic Pole

## R191046
8' to 15-1/2' Two Piece Telescopic Cleaning Pole

812-16
806-16
820-12
820-16

## R111316
## 18" CURVED NYLON POOL CLEANING BRUSH

## R111342
## 24" CURVED NYLON POOL CLEANING BRUSH

## R111584
## 10" ACID WASH BRUSH

## VACUUM HEAD

## R201126
19" ProVac Flexible Commercial Vacuum Head

## R201286
22" ProVac Flexible Commercial Vacuum Head

## VACUUM HOSE

## 10404
1-1/2" x 50' Vacuum Hose W/Swivel

## 10422
2" x 50' Vacuum Hose W/Swivel

## DISCHARGE HOSE

## 10438
1-1/2" x 50'

## QT-262-1
2" x 50'

# STEPS

**44101**
## LADDER STEP 19" VERTICAL
19" Vertical UV Inhibited ABS, Step

**44104**
## LADDER STEP 19" SLOPING
19" Sloping UV Inhibited ABS, Step

**44107**
## LADDER STEP 26" VERTICAL
26" Vertical UV Inhibited ABS, Step

**60-701**
## HARDWARE ONLY
Hardware Only for 2 Treads (For use with SR Smith LTDF-103 step)

**44109**
## LADDER STEP 26" SLOPING
26" Sloping UV Inhibited ABS, Step

**LTDF-103**
## SR SMITH LADDER STEP
Step Only, SR Smith Ladder 20" Elite Stainless Steel Tread (use 60-701 hardware kit if required)

# PARTNER OF CHOICE

## TRUSTED SINCE 1956

### PROVEN PORTFOLIO OF SOLUTIONS FOR THE GLOBAL AQUATICS MARKET

Our market-leading technologies will help meet your goals for:

- Sustainability
- Operational & cost efficiency
- Water and air quality
- Enhanced guest experience

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Neptune Benson
EVOQUA

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## MALE COUPLER
Tubing Outside Diameter
x Male Pipe Thread

| Part | Tubing | MNPT |
|---|---|---|
| P4MC4 | 1/4 | 1/4 |
| P6MC4 | 3/8 | 1/4 |
| P6MC6 | 3/8 | 3/8 |
| P6MC8 | 3/8 | 1/2 |
| P6MC12 | 3/8 | 3/4 |
| P8MC4 | 1/2 | 1/4 |
| P8MC6 | 1/2 | 3/8 |
| P8MC8 | 1/2 | 1/2 |
| P8MC12 | 1/2 | 3/4 |
| P10MC8 | 5/8 | 1/2 |
| P10MC12 | 5/8 | 3/4 |

## MALE ELBOW
Tubing Outside Diameter
x Male Pipe Thread

| Part | Tubing | MNPT |
|---|---|---|
| P4ME4 | 1/4 | 1/4 |
| P6ME4 | 3/8 | 1/4 |
| P6ME6 | 3/8 | 3/8 |
| P6ME8 | 3/8 | 1/2 |
| P8ME6 | 1/2 | 3/8 |
| P8ME8 | 1/2 | 1/2 |
| P10ME8 | 5/8 | 1/2 |

## UNION COUPLER
Tubing Outside Diameter
x Tubing Outside Diameter

| Part | Tubing | Tubing |
|---|---|---|
| P4UC4 | 1/4 | 1/4 |
| P6UC4 | 3/8 | 1/4 |
| P6UC6 | 3/8 | 3/8 |
| P8UC6 | 1/2 | 3/8 |
| P8UC8 | 1/2 | 1/2 |
| P10UC8 | 5/8 | 1/2 |
| P10UC10 | 5/8 | 5/8 |

## FEMALE COUPLER
Tubing Outside Diameter
x Female Pipe Thread

| Part | Tubing | FNPT |
|---|---|---|
| P4FC4 | 1/4 | 1/4 |
| P6FC4 | 3/8 | 1/4 |
| P6FC6 | 3/8 | 3/8 |
| P6FC8 | 3/8 | 1/2 |
| P8FC6 | 1/2 | 3/8 |
| P8FC8 | 1/2 | 1/2 |
| P10FC8 | 5/8 | 1/2 |

## FEMALE ELBOW
Tubing Outside Diameter
x Female Pipe Thread

| Part | Tubing | FNPT |
|---|---|---|
| P6FE4 | 3/8 | 1/4 |
| P6FE6 | 3/8 | 3/8 |
| P8FE6 | 1/2 | 3/8 |
| P8FE8 | 1/2 | 1/2 |
| P10FE8 | 5/8 | 1/2 |

## MALE TEE
Tubing Outside Diameter
x Male Pipe Thread

| Part | Tubing | MNPT |
|---|---|---|
| P4MT4 | 1/4 | 1/4 |
| P6MT4 | 3/8 | 1/4 |
| P8MT8 | 1/2 | 1/2 |

## REPLACEMENT PARTS

| Tubing | Grip-Ring | O-Ring | Nut | Spacer |
|---|---|---|---|---|
| 1/4 | 4GR | 4OR | P4N | P4S |
| 3/8 | 6GR | 6OR | P6N | P6S |
| 1/2 | 8GR | 8OR | P8N | P8S |
| 5/8 | 10GR | 10OR | P10N | P10S |

## UNION TEE
Tubing Outside Diameter

| Part | Tubing |
|---|---|
| P4TU4 | 1/4 |
| P6TU6 | 3/8 |
| P8TU8 | 1/2 |
| P10TU10 | 5/8 |

## TRUE UNION BALL CHECK VALVE PVC

Hayward True Union Ball Check Valve S/T, PVC, EPDM

| Part No. | Size |
|---|---|
| TC10050STE | 1/2" |
| TC10075STE | 3/4" |
| TC10100STE | 1" |
| TC10150STE | 1-1/2" |
| TC10200STE | 2" |
| TC1250SE | 2-1/2" |

## TRUE UNION BALL VALVE PVC

Hayward True Union Ball Valve S/T, PVC, EPDM

| Part No. | Size |
|---|---|
| TBH1050ASTE0000 | 1/2" |
| TBH1075ASTE0000 | 3/4" |
| TBH1100ASTE0000 | 1" |
| TBH1150ASTE0000 | 1-1/2" |
| TBH1200ASTE0000 | 2" |
| TBH2100ASTE0000 | 1" |
| TBH2150ASTE0000 | 1-1/2" |
| TBH2200ASTE0000 | 2" |
| TBH2250ASTE0000 | 2-1/2" |

## ASAHI PVC OMNI TYPE 27
### COMPACT BALL VALVE SOCKET

| Part No. | Size |
|---|---|
| 161070005 | 1/2" |
| 161070007 | 3/4" |
| 161070010 | 1" |

## ASAHI PVC OMNI TYPE 27
### COMPACT BALL VALVE THREADED

| Part No. | Size |
|---|---|
| 161071005 | 1/2" |
| 161071007 | 3/4" |
| 161071010 | 1" |

## DOMINION BUTTERFLY VALVE

| Part No. | Size |
|---|---|
| 1000-7325 | 2" |
| 1000-7326 | 2.5" |
| 1000-7327 | 3" |
| 1000-7328 | 4" |
| 1000-7330 | 5" |
| 1000-7351 | 4" |
| 1000-2016 | 6" |
| 1000-7332 | 8" |
| 1000-7333 | 10" |
| 1000-7335 | 12" |

Dominion butterfly valve, Rilsan (nylon) coated cast aluminum housing, Rilsan (nylon) ductile iron disc, lever, gear, electric or pneumatic operators available.

## ASAHI POOL-PRO PVC BUTTERFLY VALVE

| Part No. | Size |
|---|---|
| 3793015 | 1-1/2" |
| 3793020 | 2" |
| 3793025 | 2-1/2" |
| 3793030 | 3" |
| 3793040 | 4" |
| 3793060 | 6" |
| 3793080 | 8" |
| 3793100 | 10" |
| 3793120 | 12" |

Butterfly valve with plasgear and hand wheel.

## ASAHI POOL-PRO LEVER HANDLE

| Part No. | Size |
|---|---|
| 1764021 | 1.5" to 2.5" |
| 1764041 | 3" to 4" |
| 1764061 | 6" |
| 1764081 | 8" |

Replacement lever handle. (Only for Asahi)

## ASAHI BUTTERFLY VALVE

| Part No. | Size |
|---|---|
| 1728015 | 1.5" |
| 1728020 | 2" |
| 1728025 | 2.5" |
| 1728030 | 3" |
| 1728040 | 4" |
| 1728060 | 6" |
| 1728085 | 8" |

Asahi Pool-Pro PVC butterfly valve with lever.

## DOMINION LEVER HANDLE

| Part No. | Size |
|---|---|
| 1000-7355 | 2" to 3" |
| 1000-7357 | 6" to 8" |
| 1000-2017 | 4" |

Lever Handle Only for Dominion Butterfly Valve

## ASAHI POOL-PRO PVC BUTTERFLY VALVE BARE STEM

| Part No. | Size |
|---|---|
| 3793101 | 10" |
| 3793121 | 12" |

Asahi Pool-Pro PVC butterfly valve bare stem

## DOMINION GEAR OPERATOR



| Part No. | Size |
|----------|------|
| 1000-6095 | 2" to 3" |
| 1001-7875 | 4" |
| 1000-7675 | 6" to 8" |
| 1001-6095 | 10" to 12" |

Gear Operator Only for Dominion Valves Hardware

## HAND WHEEL FOR DOMINION BUTTERFLY VALVES



| Part No. | Size | Fits |
|----------|------|------|
| 1001-3561 | 6" | 2" to 5" BFV |
| 1000-5416 | 10.5" | 6" to 12" BFV |

## MARSH BELLOFRAM PRESSURE TRANSDUCER



| Part No. |
|----------|
| 961-111-000 |

Marsh Bellofram current to pressure transducer for modulating, 4~20MA, 1/4"NPT, 3 to 120PSI

## ASAHI BFV RETAINER RING



| Part No. | Size |
|----------|------|
| 3701100 | 10" BFV |
| 3701140 | 12" BFV |

## ASAHI SSG STEM EXTENSION ADAPTER



| Part No. | Fits |
|----------|------|
| 123766040 | 3" to 4" BFV |
| 123766060 | 6" BFV |
| 123766080 | 8" BFV |
| 123766100 | 10" BFV |
| 123766120 | 12" BFV |

Asahi SSG Stem Adapters 316SS for Asahi BFV. Also consider purchasing P/N 3701100 Retainer Ring for 10" BFV and P/N 3701140 for 12" BFV.

## KAMMAC SPRING RETURN ACTUATOR



| Part No. | Fits |
|----------|------|
| A PA-SR75-S12-3-4 | 3" to 4" BFV |
| A PA-SR83-S12-6 | 6" BFV |
| A PA-SR105-S12-8 | 8" BFV |
| A PA-SR140-S12-10 | 10" BFV |
| A PA-SR140-S12-12 | 12" BFV |

Kammac Spring Return Actuator and adapter kit for Asah BFV.

## PNEUMATIC ACTUATOR DOUBLE ACTING



| Part No. | Size |
|----------|------|
| PN-75-DA | 3" to 4" |
| PN-100-DA | 6" to 8" |
| PN-125-DA | 10" to 12" |

Pneumatic Actuator Double Acting for Dominion Valves

## SQUARE TUBE STOCK STAINLESS



| Part No. | |
|----------|--|
| 14604550 | Square Tube Stock for Extension Handle, Stainless Steel - sold per foot |

## STAINLESS STEEL TEE HANDLE



| Part No. | |
|----------|--|
| 1000-7298 | Tee Handle, Stainless Steel for Extension Handle 18" x 24" |

VALVES

VALVES

VALVES

PVC

## PRATT FLEXIBLE CHECK VALVE



Pratt Series 851A Flexible Check Valve with Epoxy Coated Ductile Iron Body, 3/4" Drain and Stainless Steel Hardware, 250 PSI

| Part No. | Size |
|---|---|
| 0300-851A-1 | 3" |
| 0400-851A-1 | 4" |
| 0600-851A-1 | 6" |
| 0800-851A-1 | 8" |
| 1000-851A-1 | 10" |
| 1200-851A-1 | 12" |

## CHECK VALVE



Swing Type HDPE Compact Poly Foot Valve, Flanged, ANSI 125

| Part No. | Size |
|---|---|
| 0200-851A-1 | 6" |
| 0300-851A-1 | 8" |
| 0600-851A-1 | 10" |
| 0800-851A-1 | 12" |

## CENTERLINE WAFER CHECK VALVE



Centerline 800 Series Wafer Check Valve, Cast Iron Body, Stainless Steel Discs

| Part No. | Size |
|---|---|
| 800SCV2.5 | 2-1/2" |
| 800SCV3 | 3" |
| 800SCV4 | 4" |
| 800SCV6 | 6" |
| 800SCV8 | 8" |
| 800SCV10 | 10" |
| 800SCV12 | 12" |

## METRAFLEX WAFER CHECK VALVE



Metraflex Series CVXXK Wafer Check Valve, Epoxy Coated Cast Iron Body, Stainless Steel Discs

| Part No. | Size |
|---|---|
| CVXXK0300 | 3" |
| CVXXK0400 | 4" |
| CVXXK0600 | 6" |
| CVXXK0800 | 8" |
| CVXXK1000 | 10" |
| CVXXK1200 | 12" |

## PVC CEMENT



**717QG**
1 Quart

**717GG**
1 Gallon

Heavy bodied, medium setting, low VOC PVC cement for all classes and schedules with interference fit through 12-inch diameter pipe and fittings.



**727QC**
**PVC CEMENT**
1 Quart

Medium bodied, very fast setting, low VOC PVC cement for all classes and schedules with interference fit through 6-inch diameter pipe and fittings in temperatures between -15 and 110 degrees F.



**724QG**
**CPVC CEMENT**
1 Quart

Heavy bodied, medium setting, low VOC CPVC cement for all classes and schedules with interference fit through 12-inch diameter pipe and fittings.

## PVC/CPVC PRIMER



**P70QC**
1 Quart

**P70GC**
1 Gallon

Industrial grade, low VOC, non-bodied, fast acting primer. Suitable for use with with all types, classes, and schedules of PVC and CPVC pipe and fittings.



**MT-648**
**EMPTY CAN**
1 Gallon

Empty Can With 2-7/8"" Neck



**4020**
**SWAB 4"**

Swab for pipe sizes 6" and larger, use with MT-648 one gallon can

## PVC SCHEDULE 80 PIPE

| Part | Size (Inches) |
|------|---------------|
| 800-005 | 1/2 |
| 800-007 | 3/4 |
| 800-010 | 1 |
| 800-015 | 1-1/2 |
| 800-020 | 2 |
| 800-025 | 2-1/2 |
| 800-030 | 3 |
| 800-040 | 4 |
| 800-060 | 6 |
| 800-080 | 8 |
| 800-100 | 10 |
| 800-120 | 12 |

## SCH 80 TEE SOCKET

| Part | Size (Inches) |
|------|---------------|
| 801-002 | 1/4 |
| 801-003 | 3/8 |
| 801-005 | 1/2 |
| 801-007 | 3/4 |
| 801-010 | 1 |
| 801-015 | 1/1-2 |
| 801-020 | 2 |
| 801-025 | 2-1/2 |
| 801-030 | 3 |
| 801-040 | 4 |
| 801-060 | 6 |
| 801-080 | 8 |

## SCH 80 TEE FEMALE PIPE THREAD

| Part | Size (Inches) |
|------|---------------|
| 805-002 | 1/4 |
| 805-005 | 1/2 |
| 805-007 | 3/4 |
| 805-010 | 1 |

## SCH 80 NINETY SOCKET

| Part | Size " |
|------|--------|
| 806-005 | 1/2 |
| 806-007 | 3/4 |
| 806-010 | 1 |
| 806-015 | 1-1/2 |
| 806-020 | 2 |
| 806-025 | 2-1/2 |
| 806-030 | 3 |
| 806-040 | 4 |
| 806-060 | 6 |
| 806-080 | 8 |

## SCH 80 NINETY FEMALE THREAD

| Part | Size " |
|------|--------|
| 808-002 | 1/4 |
| 808-003 | 3/8 |
| 808-005 | 1/2 |
| 808-007 | 3/4 |
| 808-010 | 1 |
| 808-012 | 1-1/4 |
| 808-015 | 1-1/2 |
| 808-025 | 2-1/2 |
| 808-020 | 2 |
| 808-030 | 3 |
| 808-040 | 4 |

## SCH 80 45 DEGREE SOCKET

| Part | Size " |
|------|--------|
| 817-005 | 1/2 |
| 817-007 | 3/4 |
| 817-010 | 1 |
| 817-012 | 1-1/4 |
| 817-015 | 1-1/2 |
| 817-020 | 2 |
| 817-030 | 3 |
| 817-040 | 4 |
| 817-060 | 6 |
| 817-080 | 8 |
| 817-100 | 10 |
| 817-120 | 12 |

## SCH 80 45 DEGREE FEMALE THREAD

| Part | Size " |
|------|--------|
| 819-002 | 1/4 |
| 819-005 | 1/2 |
| 819-007 | 3/4 |
| 819-010 | 1 |
| 819-015 | 1-1/2 |
| 819-020 | 2 |
| 819-003 | 3/8 |
| 819-012 | 1-1/4 |
| 819-025 | 2-1/2 |
| 819-030 | 3 |
| 819-040 | 4 |

## SCH 80 COUPLING SOCKET

| Part | Size " |
|------|--------|
| 829-002 | 1/4 |
| 829-003 | 3/8 |
| 829-005 | 1/2 |
| 829-007 | 3/4 |
| 829-010 | 1 |
| 829-012 | 1-1/4 |
| 829-015 | 1-1/2 |
| 829-020 | 2 |
| 829-025 | 2-1/2 |
| 829-030 | 3 |
| 829-040 | 4 |
| 829-060 | 6 |
| 829-080 | 8 |
| 3929-100-D-S | 10 FAB. |
| 3929-120-D-S | 12 FAB. |

## SCH 80 COUPLING FEMALE THREAD

| Part | Size " |
|------|--------|
| 830-002 | 1/4 |
| 830-003 | 3/8 |
| 830-005 | 1/2 |
| 830-007 | 3/4 |
| 830-010 | 1 |
| 830-012 | 1-1/4 |
| 830-015 | 1-1/2 |
| 830-020 | 2 |
| 830-025 | 2-1/2 |
| 830-030 | 3 |
| 830-040 | 4 |

**SCH 80 45 DEGREE** SOCKET

**SCH 80 45 DEGREE** FEMALE THREAD

**SCH 80 COUPLING** SOCKET

**SCH 80 COUPLING** FEMALE THREAD

## SCH 80 ADAPTER
### SOCKET X FEMALE THREAD (SxFPT)

| Part | Size " |
|------|--------|
| 835-002 | 1/4 |
| 835-003 | 3/8 |
| 835-005 | 1/2 |
| 835-007 | 3/4 |
| 835-010 | 1 |
| 835-012 | 1-1/4 |
| 835-015 | 1-1/2 |
| 835-020 | 2 |
| 835-025 | 2-1/2 |
| 835-030 | 3 |
| 835-040 | 4 |

## SCH 80 ADAPTER
### SOCKET X MALE THREAD (SxMPT)

| Part | Size " |
|------|--------|
| 836-005 | 1/2 |
| 836-007 | 3/4 |
| 836-010 | 1 |
| 836-012 | 1-1/4 |
| 836-015 | 1-1/2 |
| 836-020 | 2 |
| 836-025 | 2-1/2 |
| 836-030 | 3 |
| 836-040 | 4 |

**SCH 80 ADAPTER**
SOCKET X FEMALE THREAD (SxFPT)

**SCH 80 REDUCER COUPLING**
SOCKET

**SCH 80 ADAPTER**
SOCKET X MALE PIPE THREAD (SxMPT)

## SCH 80 REDUCER COUPLING
### SOCKET

| Part | Size " |
|------|--------|
| 829-249 | 2 x 1 |
| 829-338 | 3 x 2 |
| 829-420 | 4 x 2 |
| 829-422 | 4 x 3 |
| 829-532 | 6 x 4 |
| 829-585 | 8 x 6 |
| 829-626 | 10 x 6 |
| 829-628 | 10 x 8 |
| 829-101 | 3/4 x |
| 829-668 | 12 x 8 |

## SCH 80 PLUG
### MALE THREAD (MPT)

| Part | Size " |
|------|--------|
| 850-002 | 1/4 |
| 850-003 | 3/8 |
| 850-005 | 1/2 |
| 850-007 | 3/4 |
| 850-010 | 1 |
| 850-012 | 1-1/4 |
| 850-015 | 1-1/2 |
| 850-020 | 2 |
| 850-025 | 2-1/2 |
| 850-030 | 3 |
| 850-040 | 4 |

**SCH 80 PLUG**
MALE PIPE THREAD

**FLANGE SPIG**
VAN STONE GLASS FILLED PVC RING (FLANGE-SLIP)

| Part | Size |
|------|------|
| 854-030HD | 3" |
| 854-040HD | 4" |
| 854-050 | 5" |
| 854-060HD | 6" |
| 854-080HD | 8" |
| 854-100HD | 10" |
| 854-120HD | 12" |
| 854-140HD | 14" |
| 854-160 | 16" |

**FLANGE S**
VAN STONE GLASS FILLED PVC RING (FLANGE-SLIP)

| Part | Size |
|------|------|
| 856-030 | 3" |
| 856-040 | 4" |
| 856-060 | 6" |
| 856-080 | 8" |
| 856-100 | 10" |
| 856-120 | 12" |

**FLANGE GASKET**
NEOPRENE

| Part | Size |
|------|------|
| 154700030 | 3" |
| 154700040 | 4" |
| 154700060 | 6" |
| 154700080 | 8" |
| 154700100 | 10" |
| 154700120 | 12" |

**SCH 80 CAP**
SOCKET (CAP-SOCKET)

| Part | Size |
|------|------|
| 847-002 | 1/4" |
| 847-003 | 3/8" |
| 847-005 | 1/2" |
| 847-007 | 3/4" |
| 847-010 | 1" |
| 847-012 | 1-1/4" |
| 847-015 | 1-1/2" |
| 847-020 | 2" |
| 847-025 | 2-1/2" |
| 847-030 | 3" |
| 847-040 | 4" |
| 847-060 | 6" |
| 847-080 | 8" |
| 847-100 | 10" |
| 847-120 | 12" |

**SCH 80 UNION**
THREADED

| Part | Size |
|------|------|
| 898-002 | 1/4" |
| 898-005 | 1/2" |
| 898-007 | 3/4" |
| 898-010 | 1" |
| 898-015 | 1-1/2" |
| 898-020 | 2" |

**SCH 80 CAP**
FEMALE THREAD (CAP-FEMALE)

| Part | Size |
|------|------|
| 848-002 | 1/4" |
| 848-003 | 3/8" |
| 848-005 | 1/2" |
| 848-007 | 3/4" |
| 848-010 | 1" |
| 848-012 | 1-1/4" |
| 848-015 | 1-1/2" |
| 848-020 | 2" |
| 848-025 | 2-1/2" |
| 848-030 | 3" |
| 848-040 | 4" |

**SCH 80 UNION**
SOCKET (SOCKET UNION)

| Part | Size |
|------|------|
| 897-002 | 1/4" |
| 897-005 | 1/2" |
| 897-007 | 3/4" |
| 897-010 | 1" |
| 897-015 | 1-1/2" |
| 897-020 | 2" |
| 897-025 | 2-1/2" |
| 897-030 | 3" |
| 897-040 | 4" |

PVC

PVC

PVC



## REDUCER BUSHING
### SPIG X SOCKET (SPIGxS)

| Part | Size " |
|------|--------|
| 837-101 | 3/4 x 1/2 |
| 837-130 | 1 x 1/2 |
| 837-131 | 1 x 3/4 |
| 837-209 | 1-1/2 x 1/2 |
| 837-210 | 1-1/2 x 3/4 |
| 837-211 | 1-1/2 x 1 |
| 837-247 | 2 x 1/2 |
| 837-248 | 2 x 3/4 |
| 837-249 | 2 x 1 |
| 837-291 | 2-1/2 x 1-1/2 |
| 837-292 | 2-1/2 x 2 |
| 837-335 | 3 x 1 |
| 837-337 | 3 x 1-1/2 |
| 837-338 | 3 x 2 |
| 837-339 | 3 x 2-1/2 |
| 837-420 | 4 x 2 |
| 837-422 | 4 x 3 |
| 837-528 | 6 x 2 |
| 837-530 | 6 x 3 |
| 837-532 | 6 x 4 |
| 837-585 | 8 x 6 |
| 837-626 | 10 x 6 |
| 837-628 | 10 x 8 |
| 837-668 | 12 x 8 |
| 837-670 | 12 x 10 |

## REDUCER BUSHING
### SPIG X FEMALE PIPE THREAD (SPIGxFPT)

| Part | Size " |
|------|--------|
| 838-072 | 1/2 x 1/4 |
| 838-098 | 3/4 x 1/4 |
| 838-101 | 3/4 x 1/2 |
| 838-130 | 1 x 1/2 |
| 838-131 | 1 x 3/4 |
| 838-209 | 1-1/2 x 1/2 |
| 838-210 | 1-1/2 x 3/4 |
| 838-211 | 1-1/2 x 1 |
| 838-247 | 2 x 1/2 |
| 838-248 | 2 x 3/4 |
| 838-249 | 2 x 1 |
| 838-251 | 2 x 1-1/2 |
| 838-334 | 3 x 3/4 |
| 838-335 | 3 x 1 |
| 838-337 | 3 x 1-1/2 |
| 838-338 | 3 x 2 |

## REDUCER BUSHING
### MALE PIPE THREAD X FEMALE PIPE THREAD (MPTxFPT

| Part | Size " |
|------|--------|
| 839-072 | 1/2 x 1/4 |
| 839-098 | 3/4 x 1/4 |
| 839-101 | 3/4 x 1/2 |
| 839-128 | 1 x 1/4 |
| 839-130 | 1 x 1/2 |
| 839-131 | 1 x 3/4 |



| SCH 80 NIpple Length (inches) | | | | | | | | | | | | |
|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| In. | Part | CL | 1-1/2 | 2 | 2-1/2 | 3 | 3-1/2 | 4 | 4-1/2 | 5 | 5-1/2 | 6 |
| 1/4 | 880 | -005 | -015 | -020 | -025 | -030 | -035 | -040 | -045 | -050 | -055 | -060 |
| 3/8 | 881 | -005 | -015 | -020 | -025 | -030 | -035 | -040 | -045 | -050 | -055 | -060 |
| 1/2 | 882 | -005 | -015 | -020 | -025 | -030 | -035 | -040 | -045 | -050 | -055 | -060 |
| 3/4 | 883 | -005 | -015 | -020 | -025 | -030 | -035 | -040 | -045 | -050 | -055 | -060 |
| 1 | 884 | -005 | | -020 | -025 | -030 | -035 | -040 | -045 | -050 | -055 | -060 |
| 1-1/2 | 886 | -005 | | -020 | -025 | -030 | -035 | -040 | -045 | -050 | -055 | -060 |
| 2 | 887 | -005 | | | -025 | -030 | -035 | -040 | -045 | -050 | -055 | -060 |

## RAMUC TYPE EP EPOXY

| Part No. | Color |
|---|---|
| 908130001 | Aquagreen / Gallon |
| 908130301 | Dark Blue / Gallon |
| 908131101 | White / Gallon |
| 908132101 | Black / Gallon |
| 908132801 | Dawn Blue / Gallon |
| 912231102 | Hi-Build, White / 2 Gal |
| 912232102 | Hi-Build, Black / 2 Gal |
| 912232802 | Hi-Build, Dawn Blue / 2 Gal |

**EP EPOXY** cures to a hard, tough, durable finish, providing stain, chemical and abrasion resistance for protection of concrete, plaster and fiberglass swimming pools, spas and slides. EP Epoxy cures to a high gloss-finish with excellent coverage rates, especially on previously painted epoxy surfaces. EP

Epoxy has been a proven performer for more than 50 years. Because of their chemical cure, epoxies are the paints of choice for indoor pools.
This premium low film build epoxy coating is formulated to provide ease of application and excellent coverage rates. Protects previously painted epoxy or unpainted concrete/plaster/fiberglass/gelcoat swimming pools and spas
Excellent choice for water park facilities, including lazy rivers
High gloss, tile-like finish provides ease of cleaning Abrasion and chemical-resistant Self-priming Two-coat system
Use SKID-TEX Additive to achieve a non-slip surface.
Coverage: 500 sq. ft/gal.

## RAMUC TYPE A-2 PREMIUM

| Part No. | Color |
|---|---|
| 902132101 | Black / Gallon |
| 2962231101 | White / Gallon |
| 962232801 | Dawn Blue / Gallon |

## OLYMPIC PATIO TONES DECK

| Part No. | Color |
|---|---|
| NO-460W-1 | White / Gallon |
| NO-463W-1 | Desert Sun / Gallon |
| NO-465W-1 | Sand Valley / Gallon |
| NO-466W-1 | Creekstone / Gallon |
| NO-467W-1 | Silk Straw / Gallon |
| No-469W-1 | Champagne / Gallon |
| NO-472W-1 | Mystic Gray / Gallon |
| NO-475W-1 | Ivory  / Gallon |
| NO-478W-1 | Warm Biscuit / Gallon |

**TYPE A2** is an excellent choice to recoat previously painted chlorinated rubber and synthetic rubber painted pools, especially in VOC restricted areas. Coverage: 200-300 sq. ft. on bare surface 300-400 sq. ft. on recoats.

For upgrading & restoring previously painted synthetic or chlorinated rubber painted pools.
High gloss finish allows for easy cleaning
Easy to apply by roller or airless spray
Self-priming
Two-coat system
VOC Compliant in US and Canada
Service life up to 4 years
Use Skid-Tex to create a non-slip finish

**PATIO TONES** will greatly enhance the beauty of any concrete patio or pool deck. Plain or worn concrete gives a dull and uninteresting appearance, detracting from the ambiance of the area. PATIO TONES adds life as well as protection. PATIO TONES is also excellent for the restoration of sprayed and patterned concrete surfacing systems. Simply make any necessary repairs, clean the deck according to label instructions, and roll on PATIO TONES. The acrylic formula lets you prepare and coat in one day. The result will be a surface that is safe, beautiful and protected.
Coverage: 90 - 125 square feet per gallon depending on surface porosity. Available in five-gallon and one-gallon containers. Two coats required on initial application.

## OLYMPIC DURACOURT VINYL

| Part No. | Color |
|---|---|
| NO-140-1 | White / Gallon |
| NO-160-1 | Tile Red / Gallon |
| NO-180-1 | Green / Gallon |

**DURACOURT OUTDOOR COURT COATING** is an easy to use, one-coat tennis court finish for asphalt and concrete surfaces. This product exhibits outstanding durability and color retention. DURACOURT coatings may also be used to resurface previously coated courts with excellent results. DURACOURT is also perfect for basketball courts or any recreational surface. Colors available are green, tile red and white. Coverage is 100 to 125 sq. ft. per gallon, depending on the porosity of the surface.

## OLYMPIC ZERON EPOXY
### HEAVY ONE COAT EPOXY

| Part No. | Color |
|---|---|
| NO-390-1 | White / Gallon |
| NO-391-1 | Blue Ice / Gallon |
| NO-392-1 | Bikini Blue / Gallon |
| NO-395-1 | Blue Mist / Gallon |
| NO-399-1 | Black / Gallon |

## OLYMPIC POXOLON EPOXY
### CONCRETE, PLASTER & METAL POOLS

| Part No. | Color |
|---|---|
| NO-2212-1 | Viking Blue / Gallon |
| NO-2222-1 | Viking Blue / Gallon |
| NO-2226-1 | Black / Gallon |
| NO-2228-1 | Bikini Blue / Gallon |
| NO-2225-1 | Blue Ice / Gallon |
| NO-2231-1 | Blue Mist / Gallon |

## PRIMER

| Part No. | Color |
|---|---|
| NO-214-1 | Poxoprime II Epoxy / Gallon |
| NO-215-1 | Bonderite Epoxy / Gallon |
| NO-216-1 | Gunzite Epoxy / Gallon |
| NO-219-1 | Steel Epoxy / Gallon |
| NO-220-1 | Galvanized Steel |

**THE ZERON SYSTEM** is the longest lasting epoxy pool coating available. You can expect up to eight years of service from one application of this product. The greatest advantage of the ZERON system is that it only requires one coat. ZERON is a heavier bodied material than POXOLON 2 so it will require a little more effort in its application and will not spread as far. However, due to the extremely long life of ZERON, the cost per year of service is lower than any other pool coating available.
This coating may be applied by roller or airless spray equipment. ZERON is highly recommended for professional pool builders and pool service companies as an alternative to traditional pool plaster. The finished surface will stay brighter and will be easier to keep clean than a plastered pool.
Coverage: Approximately 125 - 150 sq feet per gallon.

**POXOPRIME II** epoxy primer soaks in and seals uncoated concrete & plaster. Used as an undercoat for Poxolon II and Zeron epoxy. Poxoprime II's compatibility with wet surfaces helps reduce downtime by allowing the pool to be cleaned and primed in one day. Do not apply over old coating.
Coverage: 200-250 Square Feet Per Gallon.

**BONDERITE** primer is specifically formulated for use over bare aluminum pool surfaces. This material is a two-part epoxy that should be applied by roller or spray over sanded aluminum. Two coats are recommended for maximum protection. BONDERITE should be used as an undercoat for POXOLON 2 and ZERON.
Coverage: 200 - 250 square feet per gallon.

**POXOLON 2** is a high gloss epoxy pool coating that is easy to apply and should yield up to five years of service. This finish is very easy to clean as is the case with all epoxy pool coatings. Use POXOLON 2 on most conventional pool surfaces with excellent results. Uncoated pool surfaces will require a prime coat to insure good adhesion. Recommended for use by pool service companies and the do it yourself pool owner. Use with primer on concrete, plaster, fiberglass and metal pools. Two finish coats of POXOLON 2 are required in all cases. POXOLON 2 may be applied by either airless sprayer or roller.
Coverage: Approximately 225 - 250 sq feet per gallon.

**GUNZITE** is a two-part epoxy primer for application over fiberglass or unusually rough plaster or concrete. The heavy viscosity of GUNZITE acts as a fill coat on concrete and plaster and provides a much smoother surface, GUNZITE should only be used as an undercoat for POXOLON 2 or ZERON. Especially effective on sandblasted surfaces.
Coverage: 100 - 150 square feet per gallon

**No. 219 STEEL EPOXY PRIMER** is for bare steel pool surfaces. Bare steel must be sandblasted, degreased and primed immediately.

**No. 220 GALVANIZED STEEL PRIMER** is a special formula primer for galvanized steel surfaces. See label instructions for application.
Coverage: 200 - 250 square feet per gallon.

## OLYMPIC PARALON 2 PREMIUM
### CHLORINATED RUBBER COATING

| Part No. | Color |
|----------|-------|
| NO-290-1 | White / Gallon |
| NO-291-1 | Blue Ice / Gallon |
| NO-292-1 | Bikini Blue / Gallon |
| NO-296-1 | Blue Mist / Gallon |
| NO-297-1 | Black / Gallon |

**PARALON 2** is our premium grade chlorinated rubber base pool enamel. This coating is recommended for refinishing existing chlorinated rubber coatings. It is an attractive, high gloss, rubber-base pool enamel with exemplary chemical resistance. The high gloss appearance will please the most discriminating pool owner while providing economical protection for the pool surface.
Two coats of PARALON 2 are required for best results. On unusually porous, bare surfaces like concrete or plaster, a third coat may be necessary.
Coverage: 250 - 275 square feet average per gallon.

## DIVING BOARD RESURFACING KIT & SOLVENT

| Part No. | Color |
|----------|-------|
| NO-U100 | White / Quart Resurface |
| NO-U102 | Bikini Blue / Quart Resurf |
| NO-1108-1 | Rubber Based / Gallon |
| NO-1109-1 | Epoxy / Gallon |

**DIVING BOARD RESURFACING KITS** provide sure footing to worn out diving boards. Each Diving Board Kit contains one quart of Super Convoy, one pint thinner, one roller cover and complete instructions.
This product can be applied to fiberglass, aluminum or wood with excellent results.
**SOLVENT & THINNER** for Zeron & Poxolon epoxy. Shipping weight 5.67 Lbs.

## RAMUC TYPE DS
### WATER-BASED ACRYLIC

This acrylic pool paint is formulated to offer all of the advantages of water-based technology. It can be applied over most previously painted pool surfaces and in damp environments. Coverage: 350-400 sq. ft/gal.

Excellent solution when short down-time is critical
For previously painted rubber or acrylic based coatings
Adheres best on a cool, damp (not wet), and extremely clean surface
Excellent UV protection
Self-Priming, Matte Finish
Use SKID-TEX Additive to achieve non-slip surface
No solvent vapors
Minimal cure time
Cleans up with soap and water
Up to 2 years service life

| Part No. | Color |
|----------|-------|
| 910131101 | White / Gallon |
| 910132101 | Black / Gallon |
| 910132801 | Dawn Blue / Gallon |

## RAMUC THINNER & CLEANUP
### 9221000M01

Gallon

Ramuc thinner can be used with Ramuc epoxy or Ramuc rubber based paints.

### NO-962-1
## POXOFILL EPOXY PUTTY

Gallon

**POXOFILL** can be used for permanent patching of concrete for a strong, lasting bond. Also used for anchoring diving boards, ladders and resetting tile.
It can be applied with a putty knife, molded by hand, or spackled with a spackling tool or trowel, when holes, depressions, ruts, and cracks in concrete pool surfaces are to be repaired.

### NO-260-1
## FUSION PLUS PAINT

Gallon

**FUSION PLUS** is the smart way to convert your worn rubber-base coated pool to an epoxy finish. Simply clean surface, roll on FUSION PLUS, then follow with one coat of ZERON or two coats of POXOLON. Your rubber to epoxy finish will be beautiful, and will last for years.
Coverage: Approximately 225 - 250 square feet per gallon

### NO-935-1H
## EXPANSION JOINT, THERMOLASTIC FILLER

Gallon

Thermolastic Joint Filler for expansion joints is a permanently flexible, polysulfide rubber-base material for filling horizontal joints in concrete. Preferred application is with a closed type caulking gun for best results but an experienced applicator can apply with a putty knife. Cures tack free in 24 hours, to a resilient solid rubber material within 48 hours and fully cures after 5 to 7 days.

## RAMUC ACRYLIC DECK COAT
### WATER-BASED ACRYLIC

This water-based acrylic deck coating is formulated for upgrading Kool-Deck and other textured concrete deck surfaces.

Coverage: 125-150 sq. ft/gal. bare

Keeps your deck cool while protecting it from harsh UV rays
Formulated to upgrade concrete pool decks, Kool-Deck and other textured deck surfaces
Performs especially well in extremely hot areas of the U.S.
Allows deck to breathe, providing a cool surface
Self priming, flat finish
Up to 2 years service life
VOC Compliant in US and Canada

| Part No. | Color |
|----------|-------|
| 951046301 | Dune Shadow / Gallon |
| 951046601 | Silver Creek / Gallon |
| 951046901 | Cayman Sand |
| 951047101 | Whisper White / Gallon |

## TNEMEC HI-BUILD EPOXOLINE II

### N69-00WH
White / 2 Gallon

### N69-35GR
Black / 2 Gallon
An advanced generation epoxy for protection and finishing of steel and concrete. It has excellent resistance to abrasion and is suitable for immersion as well as chemical contact exposure
Coverage Rate: 179 SQ FT/Gallon

## BOXER VINYL POOL REPAIR KIT
### 1061

Clear / 4 Ounce Can, 500 sq. in. patch

Deluxe kit features an ample 4 ounce supply of liquid adhesive in a can with screw top and attached dauber-applicator, plus 500 square inches of clear patching vinyl.

## UNDERWATER MAGIC ADHESIVE & SEALENT

Underwater Magic is a 1 component sea and chlorine water resistant glue, which even seals underwater. It is odor free, it's free of: Oxime - acetic acid - isocyanate & solvents , 100% silicone free and Is not affected by: chlorine / salt (sea) water, weathering and uv light, Aliphatic solvents, oils, grease, diluted inorganic acids and alkalis.

| Part No. | Color |
|----------|-------|
| UWM-01C | White / 9.8 Ounce |
| UWM-02C | Blue / 9.8 Ounce |
| UWM-03C | Tan / 9.8 Ounce |
| UWM-04C | Grey / 9.8 Ounce |
| UWM-09C | Black / 9.8 Ounce |

## ATLAS POOL PUTTY
### 530318

2-Part Molded Epoxy, White / 14 Ounce Tube Set

Atlas Expoxybond Pool Putty is a unique two-part, hand-moldable epoxy putty specially formulated for concrete or Gunite pool repairs. The convenient cartridge form provides a simple, equal mixing ratio (1 to 1). Just cut, mix and fix. There is no need to drain pools to repair leaks and cracks because Epoxybond Pool Putty hardens underwater. Once cured it will not shrink or sag.

## VULKEM SEALANT

### 1570G
Vulkem 116 One-Part Polyurethane Sealant, Gray / 10.5 Ounce Cartridge

### VK-45SSLG
Vulkem 45SSL One-Part Polyurethane Sealant, Gray / 30 Ounce Cartridge

### VK116W
Vulkem One-Part Polyurethane Sealant, White / 10 Ounce Cartridge

### VK45SSLW
Vulkem 45SSL One-Part Polyurethane Sealant, White / 30 Ounce Cartridge

| Part No. | Color |
|----------|-------|
| 1570G | Gray - 10.5 Ounce |
| VK-45SSLG | Gray - 30 Ounce |
| VK116W | White - 10 Ounce |
| VK45SSLW | White - 30 Ounce |
| ASI #57 | White - Polyurethane |

Ruscoe's Permanent Sealer High Viscosity is a versatile minimal flow adhesive, completely resistant to all climatic conditions, fungus and many chemicals, designed particularly for application in bonding aluminum to aluminum or aluminum to other surfaces. While it fills a specific need in the

## RUSCOE'S PERMANENT SEALER
### 1533C-HV

HV, Aluminum / 10.3 Ounce Cartridge

swimming pool, marine and recreational vehicle, mobile home and aluminum storm door industries, it can be used for practically any bonding requirements. Permanent Sealer forms a firm, permanent, yet FLEXIBLE bond which will withstand sub-zero temperatures as well as high temperatures of 165° F.

# SPEAR

## A LANDMARK AQUATIC COMPANY

## SERVICES

For over 40 years, Spear has been serving the commercial swimming pool industry throughout Indiana, Illinois, Kentucky and Ohio.

### AQUATIC SERVICES

Design / Consulting
Swimming Pools & Splash Pad Construction
Mechanical Renovation
CPO Education · Seminars
Technical Support
Maintenance

### AQUATIC SALES & SERVICE

Swimming Pool Equipment
LMI Authorized Service Center
Palintest Authorized Service Center
Stenner Pump Authorized Service Center
Maytronics Authorized Service Center
Waste Water Treatment Equipment
Municipal Water Equipment
Pool Mechanical Equipment
Enduro Vac Authorized Service Center

### AQUATIC EQUIPMENT

Defender Regenerative Media Filters
BECSys Water Chemistry Controllers
Maytronics Robotic Pool Cleaners
NEX-GEN Chlorine Generators
ETS UV Treatment Systems
Pulsar Chlorine Feeders
Lochinvar Pool Heaters
Palintest Test Kits
Neptune Benson High Rate Sand Filters
Enduro Vac Robotic Pool Cleaners
Clear Flow

**12966 N County Road 50 W**
**Roachdale, Indiana 46172**
**800.642.6640**
**info@spearcorp.com**
**spearcorp.com**