SPEAR

CORPORATION

Welcome to our catalog.

This catalog is important for us. It provides an additional resource for us to serve you, our customer.

Spear Corporation, founded in Indiana, first opened our doors in 1984. We are family owned and operated to this day, having expanded our area to include Illinois, Kentucky and Ohio.

Honesty. Customer focused. Doing what is right. Working hard. Dedication. Taking responsibility. Every task matters. Fulfilling promises. These have been a part of the Company's DNA since its inception 35 years ago. I hope it shows.

Over the years, having heard your voice, we have continuously added the products, services and training we believe would help the growing number of customers in our region and surrounding states become better pool operators and manage safer swimming environments or aquatic facilities.

We have expanded our product line so that you could save time and money by purchasing more of your needed supplies from one source. We stock many different types of equipment, chemicals and parts at our location, west of Indianapolis. We also have a network of leading suppliers we can use to obtain virtually everything aquatic related, quickly and economically.

The products in our catalog are carefully selected with you in mind. Please let us know how we can make it better to serve you. We always welcome your phone calls and want to talk with you. We are here to help you thrive. (Not just survive.)

We thank you, our customer. Please know you truly matter to us.

Keep Swimming,

Brian Spear

Brian Spear
President

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Exclusive Technology. New Design.

The **Pulsar® Infinity** system is an innovative approach to commercial pool chlorination. The patent-pending, slow dissolving tablets work with our easy to use **Pulsar® Infinity** feeder, an automatic solution that meets the needs of the modern pool facility. The **Pulsar® Infinity** system is a 3-in-1 product that chlorinates, increases calcium and boosts alkalinity. With the simplicity of an erosion feeder, the **Pulsar® Infinity** feeder's streamlined design is easy to install, service and requires minimal operator attention. There's never been a better time to upgrade to the latest in high-tech pool performance-delivering clear and sparkling water time and time again.

Powerful Performance

- Consistent chlorine delivery
- Adds no cyanuric acid to your pool for less wasteful drainage
- Dissolves slowly to give long lasting action
- Boosts pool alkalinity
- Adds calcium which protects and lengthens the life of your plaster
- Tablets work with ORP sensors

Formulation Efficiencies

- Highly concentrated, to reduce shipping and handling costs
- Will not cause reduction of ORP
- More concentrated than liquid bleach
- Longer shelf life when compared to liquid bleach
- Adds less total dissolved solids (TDS) than liquid bleach
- Class 2 oxidizer

Use ONLY with Pulsar® Infinity Chlorinating Tablets

SANITIZERS

Chemical Name	Size	Part #
Pulsar Plus Dry Chlorinator Briquettes	50# Pail	PB50
Pulsar Granular	50# Pail	CH50
Liquid Chlorine Bleach	1 Gallon	9002
TriChlor 3" Tablets	50# Pail	9003-50
Bromine	50# Pail	9004-50
Pulsar Infinity Tablets	25# Pail	P125

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.

PULSAR PLUS DRY BRIQUETTES
50# Pail | # PB50

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

PULSAR GRANULAR
2.13 ounces raises 10,000 gallons 1 PPM
50# Pail | # CH50

Sodium Hypochlorite 12% Liquid Chlorine - Kills Bacteria - Controls Algae - Destroys Organic Contaminants - "Shocks" for Chloramine Removal.

LIQUID CHLORINE
10.67 ounces raises 10,000 Gallons 1PPM
1 Gallon | # 9002

TriChlor 3" tablets designed for slow erosion chlorinators have 90% available stabilized chlorine with a ph of 3. Requires monitoring of Cyanuric levels in pool to avoid over-stabilization.

TRICHLOR 3" TABLETS
50# Pail | # 9003-50

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

BROMINE
50# Pail | # 9004-50

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

PULSAR INFINITY TABLETS
25# Pail | # P125

STABILIZER

Chemical Name	Size	Part #
Pulsar Sunscreen Stabilize	40# Pail	CA40

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.

SUNSCREEN STABILIZER
.8 lb. raises 10,000 gallons 10 PPM
40# Pail | # CA40

PH BALANCE

Chemical Name	Size	Part #
Sodium Bisulfate	50# Bag	SB50
Sodium Bisulfate	100# Drum	SB100
Soda Ash	50# Pail	SA050
Hydrochloric Acid	1 Gallon	HC01
Hydrochloric Acid	15 Gallon	HC15
Hydrochloric Acid	55 Gallon	HC55
Acid Magic	1 Gallon	ASA128-1
Acid Magic	5 Gallon	ASA5G-1
Acid Magic	15 Gallon	ASA15G-1
Acid Magic	55 Gallon	ASA55G-1

Sodium Bisulfate - acid in dry granular form used to lower pH and Total Alkalinity. 2.1 lbs. lowers Total Alkalinity 10 ppm in 10,000 gallons.

SODIUM BISULFATE 50# Bag | # SB50

SODIUM BISULFATE 100# Drum | # SB100

Soda Ash in powder form used to raise pH and Total Alkalinity .9 lbs. raises Total Alkalinity 10 ppm in 10,000 gallons.

SODA ASH 50# Pail | # SA050

Hydrochloric (muriatic) Acid in liquid form used for lowering ph and total alkalinity - formerly part number MAGL. 26 fluid ounces lowers Total Alkalinity 10 ppm in 10,000 gallons.

HYDROCHLORIC ACID 1 Gallon | # HC01

HYDROCHLORIC ACID 15 Gallon | # HC15

HYDROCHLORIC ACID 55 Gallon | # HC55

Acid Magic, Product Line: 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 the cleaning and ph reduction of powerful acids while providing increased usability. Uses: - Adjusts pool and spa water chemistry - Extremely effective acid wash - Cleans filters, chlorine generators and meter electrodes. 26 fluid ounces lowers Total Alkalinity 10 ppm in 10,000 gallons.

ACID MAGIC 1 Gallon | # ASA128-1

ACID MAGIC 5 Gallon | # ASA5G-1

ACID MAGIC 15 Gallon | # ASA15G-1

ACID MAGIC 55 Gallon | # ASA55G-1

WATER BALANCE

Chemical Name	Size	Part #
Preserve	50# Pail	CC50
Dechlor	55# Pail	ST55
Buffer	50# Pail	SB05

Calcium Chloride Preserve in dry flake form increases hardness; 1 lb. raises 10,000 Gallons 10 PPM.

PRESERVE 50# Pail | # CC50

Sodium Thiosulphate Dechlor in crystal form reduces chlorine level after shock treatment. 2.6 ounces lowers 10,000 Gallons 1 PPM.

DECHLOR 55# Pail | # ST55

Sodium bicarbonate buffer in powder form increases total alkalinity; 1.4 lbs. raises 10,000 Gallons 10 PPM.

BUFFER 50# Pail | # SB05

C.P.O. COURSES Check out spearcorp.com for our C.P.O. schedule.

SHOCK TREATMENT

Chemical Name	Size	Part #
Oxy-Brite non-chlorine shock	50# Pail	9005
Purolyte	50# Pail	PU50
Pulsar Shock	25# Pail	PS25

In granular form non-chlorine shock oxidizes chloramines restoring clarity of water while reducing chlorine & bromine oxidizer usage.

OXY-BRITE
50# Pail | # 9005

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.

PUROLYTE
50# Pail | # PU50

The most powerful shock treatment available - Pulsar Power Shock 78% calcium hypochlorite granules activate in seconds to shock your pool and spa water. 1.71 ounces raises 10,000 Gallons 1 PPM.

PULSAR POWER SHOCK
25# Pail | # PS25

ALGAECIDES

Chemical Name	Size	Part #
Algimycin 2000	1 Quart	AOOQ
Algimycin 2000	1 Gallon	AOGL

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.

ALGIMYCIN 2000
1 Quart | # AOOQ

ALGIMYCIN 2000
1 Gallon | # AOGL
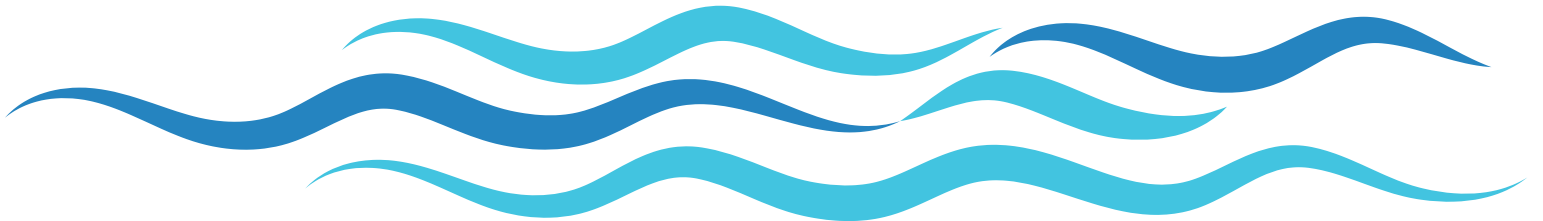
FILTER MEDIA

Chemical Name	Size	Part #
Harborlite	25# Bag	HL25
CelaPerl	25# Bag	CE25
Diatomatious Earth	50# Bag	DE50
Filter Gravel	50# Bag	FG50
Mystic White II Pool Filter Sand: #20 graain (.49mm)	50# Bag	FS50
VitroClean Glass Filter Media	50# Bag	VFA2550
Activated Filter Media: Grade #1	46# Bag	A999006
Activated Filter Media: Grade #2	46# Bag	A999007
Activated Filter Media: Grade #3	46# Bag	A9990019

HARBORLITE
25# Bag | # HL25

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.

CELAPERL
25# Bag | # CE25

Filter powder for vacuum and pressure type DE filters.

DIATOMATIOUS EARTH
50# Bag | # DE50

Filter gravel used as support media.

Gravel size 1/8" x 1/4"

FILTER GRAVEL
50# Bag | # FG50

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.

MYSTIC WHITE II
50# Bag | # FS50

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.

VITROCLEAN GLASS FILTER MEDIA
50# Bag | # VFA2550

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.

ACTIVATED FILTER MEDIA
46 # Bag | Grade #1 -   # A999006
46 # Bag | Grade #2 - # A999007
46 # Bag | Grade #3 - # A9990019

FILTER CLEANERS

Chemical Name	Size	Part #
Ultra Filter Cleaner	50# Pail	UF50
Filter Cleaner	50# Pail	FC50
Breakaway Flush	1 Gallon	9037400166

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.

BREAKAWAY FLUSH
1 Gallon | # 9037400166

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.

ULTRA FILTER CLEANER PLUS
50# Pail | # UF50

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

FILTER CLEANER
50# Pail | # FC-50

ENZYMES

Chemical Name	Size	Part #
Orb-3 Pool Enzymes Pro	5 Gallon	M411-000-5G
Orb-3 Pool Enzymes Pro	15 Gallon	M411-000-15G
Orb-3 Spa Enzymes Pro	1 Quart	Y240-000-1Q
Orb-3 Spa Enzymes Pro	1 Gallon	Y240-000-1G
Orb-3 Spa Enzymes Pro	5 Gallon	Y240-000-5G

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.

ORB-3 POOL ENZYMES PRO
5 Gallon | # M411-000-5G

ORB-3 POOL ENZYMES PRO
15 Gallon | # M411-000-15G

In liquid form Orb-3 Spa Enzymes Pro reduces the constant need to change the water in commercial spas by attacking the build-up of organic materials in the water. Helps remove biofilms & scum lines while keeping spa filters cleaner longer, decreasing unpleasant chemical odors and reduces foam. Compatible with whatever chemical spa treatments and sanitizers you might use.

ORB-3 SPA ENZYMES PRO
1 Quart | # Y240-000-1Q

ORB-3 SPA ENZYMES PRO
1 Gallon | # Y240-000-1G

ORB-3 SPA ENZYMES PRO
5 Gallon | # Y240-000-5G

CLEANERS

Chemical Name	Size	Part #
TLC Cleaner	1 Quart	TC00
Pulsar Acid Cleaner 50	1 Quart	9019

TLC CLEANER
1 Quart | # TC00

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.

PULSAR ACID CLEANER 50
1 Quart | # 9019

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.

DEFOAMER

Chemical Name	Size	Part #
Defoamer	1 Quart	D023
Defoamer	1 Gallon	D024

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

DEFOAMER
1 Quart | # D023

DEFOAMER
1 GALLON | # D024

PHOSPHATE REMOVER

Chemical Name	Size	Part #
Orb-3 DropOut	1 Gallon	U722-000-4X1G
PhosFree	3 Liter	NCF3

In liquid form Orb-3 DropOut is designed to reduce high levels of phosphates in pools, spas and other recreational water bodies without affecting pH. It's active ingredients naturally bind phosphates, rendering them ineffective as a food source for algae.

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.

ORB-3 DROPOUT
1 Gallon | # U722-000-4X1G

PHOSFREE
3 Liter | # NCF3

WATER CLARIFIER

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

Chemical Name	Size	Part #
Clarifier	1 Quart	9007
Clarifier	1 Gallon	9007-2

CLARIFIER
1 Quart | # 9007

CLARIFIER
1 Gallon | # 9007-2

SEQUESTERING AGENTS

Chemical Name	Size	Part #
Sequestering Agent	1 Quart	SA0Q
Sequestering Agent	1 Gallon	SA0GL
Sequestering Agent	20# Pail	SA20

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

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

SEQUESTERING AGENT
1 Quart | # SA0Q

SEQUESTERING AGENT
1 Gallon | # SA0GL

SEQUESTERING AGENT
20# Pail | # SA20

EZ PRO

Chemical Name	Size	Part #
PepperPro	25# Pail	CHF-50-415
PepperPro	40# Pail	CHF-50-610
EZSpaPRO	25# Pail	CHF-50-620
E-Z Pool	20# Pail	CHF-50-312
Revive Pro	32 Ounce	CHF-50-314
Revive Pro	`1 Gallon	CHF-50-320
Revive Pro	5 Gallon	CHF-50-635
Revive Pro	30 Gallon	CHF-50-316

PepperPRO will enhance water quality, reduce corrosion, protect pool equipment and simplify overall maintenance. It extends chlorine generator life, greatly improves water clarity, helps maintain low phosphate levels, stabilizes pH and prevents scale buildup as well.

PEPPERPRO
25# Pail | # CHF-50-415
40# Pail | # CHF-50-610

EZSpaPRO works as a stable secondary oxidizer, defoamer, clarifier, scale inhibitor, water conditioner and balancer to keep spa water clean and clear.

EZSPAPRO
25# Pail | # CHF-50-620

E-Z Pool is a stable secondary oxidizer, algae shield, clarifier, scale inhibitor, water conditioner and balancers to keep swimming pool water clean and clear. It is compatible with chlorine, salt, bromine, UV and ozone, as well as traditional balancers and maintenance chemicals.

E-Z POOL
20# Pail | # CHF-50-312

REVIVE PRO
32 Ounce | # CHF-50-314

REVIVE PRO
1 Gallon | # CHF-50-320

REVIVE PRO
5 Gallon | # CHF-50-635

REVIVE PRO
30 Gallon | # CHF-50-316

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. One 32 Ounce bottle treats 24,000 gallons.

Chemical Name	Size	Part #
Pump Protector	10 Ounce	4299-8
Wysiwash Spray Gun	Intermittent Spray	WYS-101
Wysiwash Spray Gun	Continuous Spray	WYS-102
Wysiwash Cleaning Solution	5.9# Pail	WYSI
Citrisurf 77 Plus	22 Ounce	CIT01
Citrisurf	22 Ounce	CIT00

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.

PUMP PROTECTOR
10 Ounces | # 4299-8

WYSIWASH SPRAY GUN
WYS-101

WYSIWASH SPRAY GUN
WYS-102

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.

WYSIWASH CLEANING SOLUTION
5.9# Pail | # WYSI

CitriSurf 77 Plus is a high quality blend of chemicals formulated for cleaning, rust removal 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 rust and free iron from the surface of stainless steel, providing the highest chrome oxide levels possible.

CITRISURF 77 PLUS
22 Ounce | # CIT01

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 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.

CITRISURF
22 Ounce | # CIT00

Pooltest 10 Bluetooth®

Features include:

Store 100 user IDs and 500 data sets

Includes all major pool parameters

Expert colorimetric analysis

Digital measurement for quick and accurate results

Simple and easy to use

Waterproof and portable

Suitable for poolside use

Bluetooth® connectivity

Compatible with Palintest's Aqua Pal app

Tests for:

Bromine

Calcium Hardness

Chlorine (free, combined & total)

Copper

Cyanuric Acid

Iron

Ozone

pH Phenol Red

Phosphate

Total Alkalinity

Calculations for:

Langelier Saturation Index

Palintest Water Balance

	Kit Name	Description	Part #
	Pooltest 3	Accurately measure chlorine, pH & cyanuric acid using tablet reagents with this easy-to-use photometer. Compact and waterproof, the Pooltest 3 provides the core parameters required to manage and service swimming pools. Supplied in hard case the Pooltest 3 has a two year warranty and is available in extended range chlorine (0 – 10 ppm).	SPH 003X 0-5 PPM SPH 603 0-10 PPM SPH003Y 0-5 PPM
	Pooltest 6	Accurately measure chlorine, bromine, pH, cyanuric acid, alkalinity & calcium hardness using tablet reagents with this easy-to-use photometer. Compact and waterproof, the Pooltest 6 provides the core parameters required to manage and service swimming pools. Supplied in hard case the Pooltest 6 has a two year warranty and is available in extended range chlorine (0 – 10 ppm).	SPH 006X SPH 006 0-10 PPM
	Pooltest 10	Accurately measure chlorine, bromine, pH, cyanuric acid, alkalinity, calcium hardness, ozone, phospates, copper & iron lr using tablet reagents with this easy-to-use photometer. Compact and waterproof, the Pooltest 9 provides the core parameters required to manage and service swimming pools as well as other commercial water facilities. You can download results from it's on-board data log via Bluetooth SMART or USB and share with colleagues using the Aqua Pal app. Supplied in hard case the Pooltest 9 has a two year warranty and is switchable to test extended range chlorine (0 – 10 ppm).	SPH 7010US
	Pooltest 25	Accurately measure chlorine, bromine, pH, cyanuric acid, alkalinity, calcium hardness, ozone, copper, iron, salt, sulfate, chloride, total harness, phosphate, manganese, chlorine hr, hydrogen peroxide hr, nitrate & Ammonia. using tablet reagents with this easy-to-use photometer. Compact and waterproof, the Pooltest 25 provides the core parameters required to manage and service swimming pools as well as other commercial water facilities. You can download results from it's on-board data log via Bluetooth SMART or USB and share with colleagues using the Aqua Pal app. Supplied in hard case the Pooltest 25 has a two year warranty and is switchable to test extended range chlorine (0 – 10 ppm).	SPH 7025US
	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.	PT153T

Product Name	Description	Part #	PoolTest 3 SPH003X	PoolTest 6 SPH006X	PoolTest 9/10 SP7009US	PoolTest 25 SPH7025US
DPD #3	250 TESTS	AP031/1	0-5	0-5	X	X
DPD XT	250 TESTS	AP033/1	0-10	0-10	X	X
CHLORINE FREE, DPD 1	250 TESTS	AP011	0-5	0-5	X	X
DPD-XF CHLORINE FREE-EXTENDED RANGE	250 TESTS	AP013	0-10	0-10	X	X
CHLORINE FREE, COMB & TOTAL	250 TESTS	AP031	0-5	0-5	X	X
DPD XF & XT CHLORINE FREE & TOTAL	250 TESTS	AP033	0-10	0-10	X	X
CYANURIC ACID	250 TESTS	AP087	X	X	X	X
PH PHENOL RED	250 TESTS	AP130	X	X	X	X
TOTAL ALKALINITY, ALKAPHOT	250 TESTS	AP188		X	X	X
CALCIUM HARDNESS	250 TESTS	AP252		X	X	X
ROUND TEST TUBES 10 ML	PK/5	PT595/5			X	X
ROUND TEST TUBES 10 ML	PK/5	PT555	X	X		
CRUSH, STIRRING RODS		PT502			X	X
BROMINE	250 TESTS	AP060		X	X	X
OZONE	250 TESTS	AP056			X	X
HYDROGEN PEROXIDE HR	0-100	AP105				X
AMMONIA	250 TESTS	AP152				X
SULPHATE	250 TESTS	AP154				X
IRON LR	0.01-1	AP155			X	X
CHLORINE HR	1-250	AP162				X
NITRATE	200 TESTS	AP163				X
ALUMINIUM	250 TESTS	AP166				X
MAGANESE	0.001-0.03	AP173				X
PHOSPHATE LR	0.03-4.0 200 TESTS	AP177			10	X
COPPER, COPPERCOL - FREE, COMBINED, TOTAL	250 TESTS	AP186			X	X
COPPER, FREE	250 TESTS	AP187			X	X
HARDNESS, HARDICOL	250 TESTS	AP254				X
CHLORIDE, CHLORIDOL	250 TESTS	AP268				X
PHMB	250 TESTS	AP272				X

TAYLOR

	Kit Name	Description	Part #
	Drop Test, Chlorine	Chlorine, Free & Combined/Monopersulfate FAS-DPD	K-1518
	Drop Test Bleach "Iodometric"	Chlorine (Bleach), Iodometric, 1 drop = 10 or 100 ppm/0.05 or 0.5% available chlorine	K-1579
	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-2000
	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-2005
	K-2005C Service Complete	Same as K-2005 Except larger 2 ounce reagents	K-2005C
	K-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.	K-2006
	K-2006C Service Complete	Same as K-2006 except larger 2 ounce reagents and more DPD powder.	K-2006C
	Probe Tester	The tester's probe is dipped into a sample of pool water and the results are ready instantly. The Salt 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. A memory feature saves up to 25 test results. The PockeTester is packaged in a rugged carrying case and lanyard.	1749

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 Bottle	R-0004-A		X	X		X		
pH Indicator Solution (for 2000 Series)	Phenol Red, 2 oz, Dropper Bottle	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 Bottle	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

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LAMOTTE

	Kit Name	Description	Part #
	Lamotte Pro 250 Series	Every PRO250 SERIES kit includes color-coded caps to prevent mixups, and diagrammed instructions make testing a breeze.	7001-NJ-01
	Lamotte Mobile Waterlink Spin Touch Model 3582	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.	3582

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	
Cyanuric Acid	250 mL	WL-4856-K		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 Q	30 mL	7042-G			X
Calcium Hardness 2 for Color Q	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	688		X	
Test tube	5 mL	644		X	
Test tube	5.2 mL	645		X	
Syringe	5 mL	807		X	
Direct Reading Titrator	Syringe, 0-500 range	383		X	
Direct Reading Titrator	Syringe, 0-200 range	382		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	

TEST KITS / REAGENTS

CHEMICAL FEED

BECS PARTS

Description	Part #
Rotary Flow Switch	2100419
pH Sensor, 36" cable	9660013
pH Sensor, 120" cable	9660010
ORP Sensor, 36" cable	9660023
Temperature Sensor, 30" cable	8660016
Temperature Sensor, 120"	9660003
CP1 Chlorine Sensor LH (CCW) Counter Clockwise for use with lighted flow cell, includes beads	2210422
CP1 Chlorine Sensor RH (CW) Clockwise for use with CCF2 flow cell, includes beads	2210457
Cleaning Beads	2210444
Replacement Membrane for Free Chlorine Sensor	8680016

ROTARY FLOW SWITCH
2100419

BECSYS PH SENSOR
36 | # 9660013
36 | # 9660010

BECSYS ORP SENSOR
36" | # 9660022
120" | # 9660023

BECSYS TEMPERATURE SENSOR
30" | # 8660016
120" | # 9660003

CP1 CHLORINE SENSOR
LH(CCW) | # 2210422
RH(CW) | # 2210457

CLEANING BEADS
2210444

REPLACEMENT MEMBRANE
8680016

ELECTROLYTE SOLUTIONS
8680056

Additional parts available. Please contact Parts Department for assistance.

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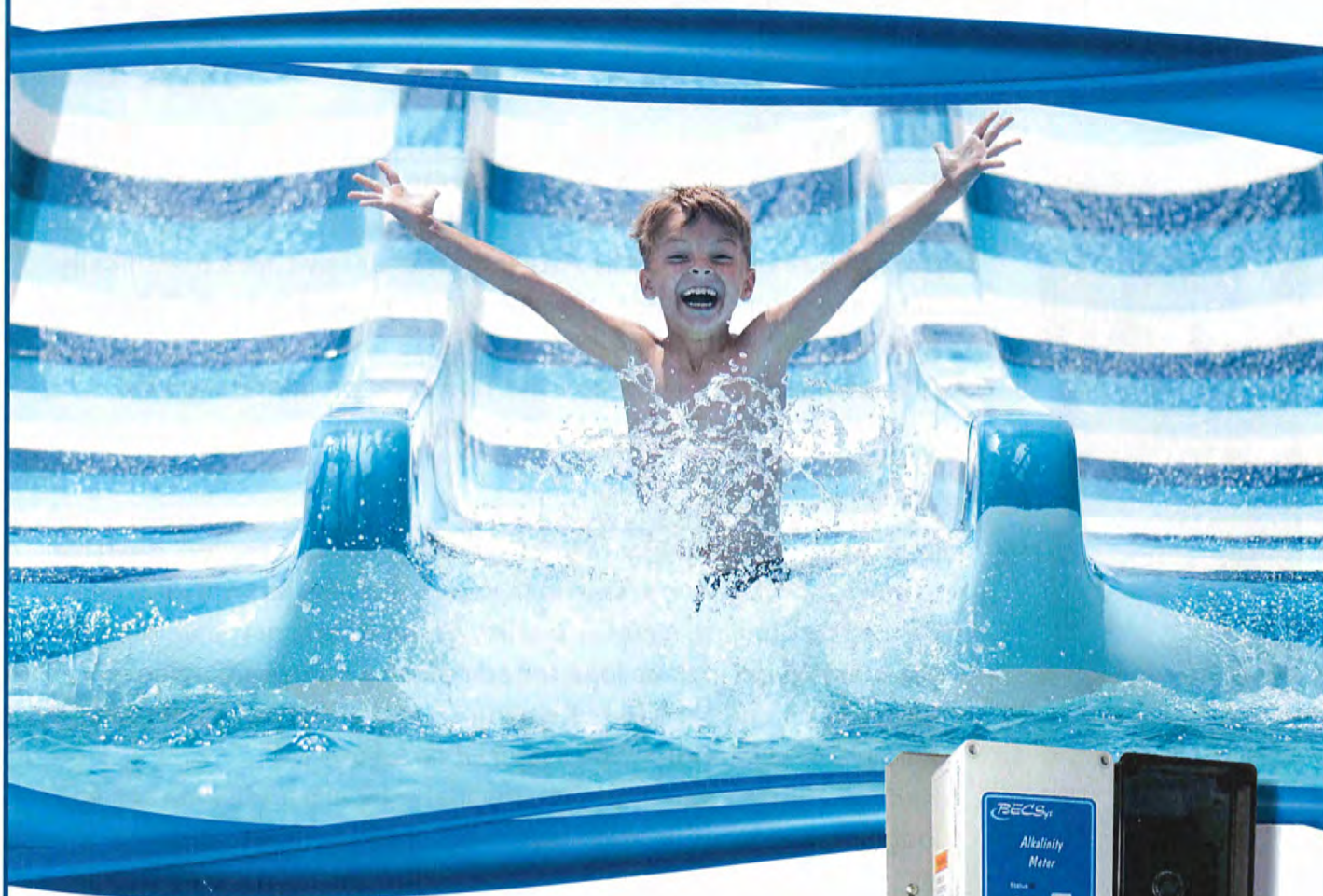
BECSys Alkalinity Meter

Features

- Monitors Total Alkalinity (TA)
- Highly accurate, +/- 5 PPM
- Integrates with a BECSys7 or BECSys5 to automatically control Total Alkalinity (TA)
- US Patent #10,018,610; Int'l Patents Pending

Benefits

- Eliminates routine manual bicarb additions to pool
- Improves water quality & reduces chemical usage
- TA reading displayed on BECSys controller
- Remote access to TA reading
- TA Alarms trigger electronic Alarm Notifications
- TA value recorded in Data Logs

TANKS

Item	Size	Part #
Gemini Square	70 Gallon Vertical Square	01-29828
Gemini Cylindrical	120 Gallon Vertical Cylindrical 24" x 24" x 41"	01-1072

Gemini Dual Containment® Tanks are an excellent choice when you are looking for safe storage of chemicals.

GEMINI SQUARE
01-29828

GEMINI CYLINDRICAL
01-1072

Additional sizes available. Please contact Parts Department for assistance.

MIXERS

Item	Size	Part #
JL Wingert Mixer	1/20 HP Mixer 120 VAC (Specify XX Shaft Length)	F-M-TE-PRP/WRD-EK-XX
JL Wingert Mixer	1/4 HP Mixer 115 VAC, (Specifiy XX Shaft Length)	B-1_TE-PRP/WRD-EK-XX
Timer	Set & Go Timer 120 VAC	6023-120V
Propeller Shaft	34" Epoxy Coated Propeller Shaft 5/16" Diameter use with F-M-TE-PRP MIxer	0280/EK-34
Propeller Shaft	36" Epoxy Coated Propeller Shaft 5/16" Diameter use with F-M-TE-PRP Mixer	0280/EK-36
Propeller Shaft	40" Epoxy Coated Propeller Shaft 1/2" Diameter for use with T-2-TE Mixer	0287/EK-40

JL WINGERT MIXER
F-M-TE-PRP/WRD-EK-XX

JL WINGERT MIXER
B-1-TE-PRP/WRD-EK-XX

TIMER
6023-120V

PROPELLER SHAFT
0280/EK-34
0280/EK-36
0287/EK-40

Additional mixers and parts available. Please contact Parts Department for assistance.

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CHEMICAL METERING PUMPS

Chemical Pump	Model	Part #	Phase	Volt	PSI	GPH	Suction	Discharge	Weight
LMI	A161-838SI	LMA161-838SI	1 PH	115 VAC	50	2	3/8	3/8	11 LBS
LMI	B131-362SI	LMB131-362SI	1 PH	115 VAC	50	4.5	3/8	3/8	15 LBS
Stenner	45M5	45MJL5A3S	1 PH	115 VAC	25	2.08	3/8	3/8	9 LBS
Stenner	85M5	85MJL5A3S	1 PH	115 VAC	25	0.35	3/8	3/8	9 LBS
Stenner	Econ T Pumps	E10T2B81S8	1 PH	115 VAC	25	0.35	1/4	1/4	5 LBS
Stenner	Econ T Pumps	E10T1F81S8	1 PH	115 VAC	80	0.02	1/4	1/4	5 LBS
Blue-White	A-100NA	A1N10A-7T-1	1 PH	115 VAC	50	2.19	3/8	3/8	10 LBS
Blue-White	A-100NA	A1N30A-7T-1	1 PH	115 VAC	50	3.96	3/8	3/8	10LBS

LMI
LMA161-838SI

LMI
LMB131-362SI

STENNER
45M5
45MJL5A3S

STENNER
85MS
85MJL5A3S

STENNER ECON T
ET10T2B81S8
E10T1F81S8

BLUE-WHITE
A-100NA
A1N10A-7T-1
A1N30A-7T-1

Additional sizes available.
Please contact Parts
Department for assistance.

BOOSTER PUMPS

Booster Pump	Model	Part #	HP	Phase	Volt	Full Load Amps	Service Factor	Suction/ Discharge	Weight
Whisperflow	011512	WFE-3	3/4	1 PH	115/208-230 VAC	11.2 / 6.0-5.6	1.67	2" FNPT	45 LBS
Whisperflow	011513	WFE-4	1	1 PH	115/208-230 VAC	14.8 / 7.8-7.4	1.65	2" FNPT	48 LBS
Whisperflow	011568	WFK-4	1	3 PH	208-230/460	5.0-4.6/2.3	1.65	2" FNPT	42 LBS
Pulsar Booster	079214	79214	1	1 PH	115/230 VAC	12.6 / 6.3	1.25	2" FNPT	36 LBS

WHISPERFLOW
011512 WFE-3
011513 WFE-4
011568 WFK-4

PULSAR BOOSTER
79214

C.P.O. COURSES
Check out spearcorp.com for our
C.P.O. schedule.

LMI PARTS

Description	Part #
LMI - 4 Function Valve Assembly	
Liquid End	
LE 362TI, 363TI	LM36266
LE 362SI, 363SI	LM36276
LE 26S, 36S	LM34626
LE 62S, 92S	LM27048
LE 72S	LM27043
LE 62S, 92S	LM25690
LE 828SX, 838SX, 848SX	LM48753
LE 822SX, 832SX, 842SX	LM48754
Head Assembly	
Liquid End	
LE 71FS	LM25857
Foot Valves	
1/4" Tube	LM28038
3/8" Tube	LM25234
1/2" Tube	LM25204
Injection Valve	
1/4" Tube x 1/2" MPT	LM38025
3/8" Tube x 1/2" MPT	LM38026
1/2" Tube x 1/2" MPT	LM25203

4 FUNCTION VALVE
LM36266
LM36276
LM34626
LM27048
LM27043
LM25690

4 FUNCTION VALVE
LM48753
LM48754

FOOT VALVES
LM28038
LM25234
LM25204

HEAD ASSEMBLY
LM25857

INJECTION VALVE 3/8"
LM38026

INJECTION VALVE 1/4"
LM38025

INJECTION VALVE 1/2"
LM25203

Description	Part #
LMI Repair Kit	
Liquid End	
LE75S, 75T	LMSP-U2
LE 30, 30S,32, 34, 35P, 35T, 36, 36S	LMSP-U6
LE 190,190S, 191, 191S, 192, 192S, 193, 193S, 198, 198S	LMSP-U7
LE 150, 150S, 151, 151P, 151S, 152, 152S, 158	LMSP-U8
LE 155, 155P, 155S	LMSP-U9
LE 26, 26S	LMSP-26
LMI RPM Pro Pac Repair Kit	
Liquid End	
LE 929XX	LMRPM-929
LE 832XX, 838XX, 930NX, 930SX	LMRPM-832
LE 822XX, 828XX, 920NX, 920SX	LMRPM-822
LE 738XX	LMRPM-738
LE 392XX, 398XX, 490XX, 498XX	LMRPM-392/398
LE 362XX, 368XX, 460XX, 468XX	LMRPM-362/368

REPAIR KIT
LMSP-U2
LMSP-U6
LMSP-U7
LMSP-U8
LMSP-U9
LMSP-26

RPM PRO PAC
LMRPM-929
LMRPM-832
LMRPM-822
LMRPM-738
LMRPM-392/398

Additional parts available. Please contact Parts Department for assistance.

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CHEMICAL PUMP TUBES

STENNER TUBE
MCCP201
MCCP202
MCCP203
MCCP204
MCCP205
MCCP207
UCCP201
UCCP202
UCCP203
UCCP204
UCCP205
UCCP207

BLUE-WHITE TUBE
A1-7T

SHURFLOW TUBE
41400-0028
41400-0027
41400-0010

Description	Part #
Stenner Santoprene Pump Tube	
#1 - Five Pack	MCCP201
#2 - Five Pack	MCCP202
#3 - Five Pack	MCCP203
#4 - Five Pack	MCCP204
#5 - Five Pack	MCCP205
#7 - Five Pack	MCCP207
#1 - Two Pack	UCCP201
#2 - Two Pack	UCCP202
#3 - Two Pack	UCCP203
#4 - Two Pack	UCCP204
#5 - Two Pack	UCCP205
#7 - Two Pack	UCCP207
Blue-White Norprene Pump Tube	
Blue-White Norprene Pump Tube 7/16" OD for A100N pumps manufactured after 9/1/15. (older pumps not already retrofitted require retrofit kit #72000-550)	A1-7T
Shurflo Pump Tube	
1CC	41400-0028
2 CC	41400-0027
3 CC	41400-0010

TUBING

Description	Part #
White Poly Tubing	
1/4" O.D.	SC1000
3/8" O.D.	SC1001
1/2" O.D.	SC1002
5/8" O.D.	SC1003
Black Poly Tubing	
1/4" O.D.	5004011130010
3/8" O.D.	7506211130010
1/2" O.D.	6211130010
5/8" O.D.	2506211130010

WHITE TUBING
SC1000
SC1001
SC1002
SC1003

BLACK TUBING
5004011130010
7506211130010
6211130010
2506211130010

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NEW EXPANSION POST STARTING PLATFORMS

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Easy to Install into EXISTING or NEW DUAL POST ANCHORS (also avaialble in square single post)

Platform Legs Expand into anchors - no need to rely on the longevity of small anchor wedge parts to tighten around the block legs

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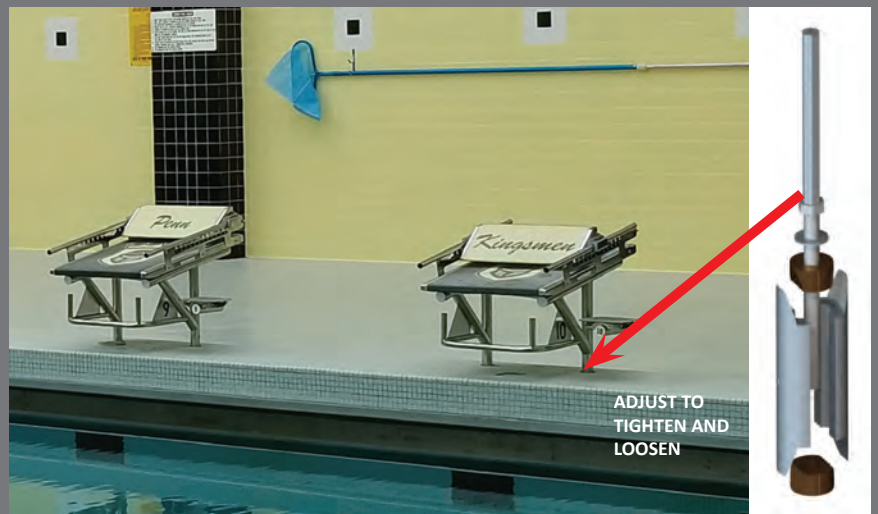
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Contact us for more information regarding the Pulsar feeders.

PULSAR PARTS

Item	Part #	Infinity	P-1	P-3	P-4	P-45	P-140	P-500
Cartridge Assembly	73110	X						
Plug	73140	X						
Transformer	73113	X						
Solenoid Valve	73114	X						
Grid (Low/Med/High)	71448		X					
Grid	74068		X					
Grid Cap	79216		X					
Grid (Low/High)	77332		X					
Briquette Screen Assembly	71609			X				
Briquette Screen Assembly	71881				X			
Briquette Screen Assembly	79651					X		
Briquette Screen Assembly	79652						X	
Briquette Screen Assembly	79643							X
Grid Cleaning Pan	71373		X	X		X	X	
Scoop	71598		X	X	X	X	X	X
Dissolving Cup w/ Nozzle Assembly	74062	X						
Wave Dissolving Cup	77331	X						
Spray Kit (Retrofit)	79699	X						
Feed Spray Nozzle	79698	X						
Spray Manifold	79047			X				
Spray Tree	71887				X			
Washdown Manifold	71905				X			
Feed Spray Nozzle	71617			X		X	X	
Feed Spray Nozzle	71888				X			X
Wash Down Spray Nozzle	71901				X			
Wash Down Spray Nozzle	72861			X				
Wash Down Spray Nozzle	72862			X				
Discharge Valve: Assembly with Check Valve	79217		X	X	X	X	X	X
Discharge Valve Assembly	79804		X	X	X	X	X	X
Discharge Valve Body	79806		X	X	X	X	X	X
Discharge Valve: Arm	79805		X	X	X	X	X	X
Discharge Valve: Float	79808		X	X	X	X	X	X
Enhancement Adapter	72863			X				
Gasket for Discharge Valve	71576		X	X	X	X	X	X
Discharge Valve: Lock Nut	71583		X	X	X	X	X	X
Discharge Valve Locking Tool	77430		X	X	X	X	X	X

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PULSAR PARTS

CARTRIDGE ASSEMBLY # 73110	PLUG # 73140	TRANSFORMER # 73113	SOLENOID VALVE # 73114	GRID (LOW/MED/HIGH) # 71448	GRID # 74068
GRID CAP # 79216	GRID (LOW/HIGH) # 77332	BRIQUETTE SCREEN ASSEMBLY # 71609	BRIQUETTE SCREEN ASSEMBLY # 71881	BRIQUETTE SCREEN ASSEMBLY # 79651	BRIQUETTE SCREEN ASSEMBLY # 79652
BRIQUETTE SCREEN ASSEMBLY # 79643	GRID CLEANING PAN # 71373	SCOOP # 71598	DISSOLVING CUP W/ NOZZLE ASSEMBLY # 74062	WAVE DISSOLVING CUP # 77331	SPRAY KIT # 79699
FEED SPRAY NOZZLE # 79698	SPRAY MANIFOLD # 79047	SPRAY TREE # 71887	WASHDOWN MANIFOLD # 71905	FEED SPRAY NOZZLE # 71617	FEED SPRAY NOZZLE # 71888
WASH DOWN SPRAY NOZZLE # 71901	WASH DOWN SPRAY NOZZLE # 72861	WASH DOWN SPRAY NOZZLE # 72862	DISCHARGE VALVE: ASSEMBLY WITH CHECK VALVE # 79217	DISCHARGE VALVE ASSEMBLY # 79804	DISCHARGE VALVE: BODY # 79806
DISCHARGE VALVE: ARM # 79805	DISCHARGE VALVE: FLOAT # 79808	ENHANCEMENT ADAPTER # 72863	GASKET FOR DISCHARGE VALVE # 71576	DISCHARGE VALVE: LOCK NUT # 71583	DISCHARGE VALVE LOCKING TOOL # 77430

PULSAR PARTS

Item	Part #	Infinity	P-1	P-3	P-4	P-45	P-140	P-500
Washer for Discharge Valve Adapter	72865			X				
Enhancement Kit	72864			X				
Check Valve	79218		X	X	X	X	X	X
Emergency Shut Off Valve Assembly	71496		X	X	X			
Emergency Shut Off Valve with Arm Only	71535		X	X	X			
Emergency Shut Off Valve: Float Plate	71539		X	X	X			
Emergency Shut Off Valve: Float	71540		X	X	X			
Emergency Shut Off Valve: PVC Nut	71538		X	X	X			
Emergency Shut Off Valve: Mounting Plate	71536		X	X	X			
Emergency Shut Off Valve: Rubber Gasket	71910		X	X	X			
Emergency Shut Off Valve: 1/4" Screws 4PK	71537		X	X	X			
Lid	74067		X					
Wave Lid Flap	77336		X					
Deflection Plate	71620			X				
1-1/2" Venturi	71974		X					
1-1/2" Venturi	71811			X	X	X	X	X
1/2" MxF Ball Valve	71627		X	X	X	X	X	X
1/2" MxM Ball Valve	71621		X	X	X			
Line Strainer Assembly	79812					X	X	X
1/2" MPT Small Line Strainer Assembly	#PLSS12MNCV050		X	X	X			
1/2" FPT Large Line Strainer Assembly	#PLSR12FNCV050		X	X	X			
Flow Indicator	74060		X					
Flow Indicator	155480			x	x			
Flow Indicator Repair Kit	155872			X	X			
Shut Off Assembly	71880				X			
Electronic Shut Off	71896				X			
Electronic Relay	71922				X			
Terminal Block	71921				X			
24V AC Transformer/Plug In	71923		X	X	X			
Bracket Lid Switch	79647					X	X	X
Safety Switch For Lid	79688					X	X	X
Safety Overflow Switch	79689					X	X	X
ABB Contactor	AF12-30-10-11					X	X	X
Turck Cable	RK44T10RS44T					X	X	X
Turck Cable Extension	RKC8T-10-RSC8T					X	X	X
Solenoid Valve	8212A519S0100F1					X	X	X

WASHER FOR DISCHARGE VALVE ADAPTER # 72865	**ENHANCEMENT KIT** # 72864	**CHECK VALVE** # 79218
EMERGENCY SHUT OFF VALVE ASSEMBLY # 71496	**EMERGENCY SHUT OFF VALVE - ARM ONLY** # 71535	**EMERGENCY SHUT OFF VALVE: FLOAT PLATE** # 71539
EMERGENCY SHUT OFF VALVE: FLOAT # 71540	**EMERGENCY SUT OFF VALVE: PVC NUT** # 71538	**EMERGENCY SHUT OFF VALVE: MOUNTING PLATE** # 71536
EMERGENCY SHUT OFF VALVE: RUBBER GASKET # 71910	**EMERGENCY SHUT OFF VALVE: 1/4" SCREWS 4PK** # 71537	**LID** # 74067
WAVE LID FLAP # 77336	**DEFECTION PLATE** # 71620	**1-1/2" VENTURI** #71974
1-1/2" VENTURI # 71811	**1/2" MXF BALL VALVE** # 71627	**1/2" MXM BALL VALVE** # 71621
LINE STRAINER ASSEMBLY # 79812	**1/2" MPT SMALL LINE STRAINER ASSEMBLY** # PLSS12MNCV050	**1/2" FPT LARGE LINE STRAINER** Assembly # PLSR12FNCV050
FLOW INDICATOR # 74060	**FLOW INDICATOR** # 155480	**FLOW INDICATOR REPAIR KIT** # 155872
SHUT OFF ASSEMBLY # 71880	**ELECTRONIC SHUT OFF** # 71896	**ELECTRONIC RELAY** # 71922
TERMINAL BLOCK # 71921	**24V AC TRANSFORMER/ PLUG IN** # 71923	**BRACKET LID SWITCH** # 79647
SAFETY SWITCH FOR LID # 79688	**SAFETY OVERFLOW SWITCH** # 79689	**ABB CONTACTOR** # AF12-30-10-11
TURCK CABLE # RK44T10RS44T	**TURCK CABLE EXTENSION** # RKC8T-10-RSC8T	**SOLENOID VALVE** # 8212A519S0100F1

SOLENOID VALVES

Description	Part #
Asco Solenoid - Slow Closing With DIN Connection	
3/8", 24/60	SC8221G001 24/60
3/8", 120/60	SC8221G001 120/60
1/2", 24/60	SC8221G003 24/60
1/2", 120/60	SC8221G003 120/60
3/4", 24/60	SC8221G005 24/60
3/4", 120/60	SC8221G005 120/60
1", 24/60	SC8221G007 24/60
1", 120/60	SC8221G007 120/60
Asco Solenoid - Slow Closing With Hardwire Connection	
3/8", 24/60	8221G001 24/60
3/8", 120/60	8221G001 120/60
1/2", 24/60	8221G003 24/60
1/2", 120/60	8221G003 120/60
3/4", 24/60	8221G005 24/60
3/4", 120/60	8221G005 120/60
1", 24/60	8221G007 24/60
1", 120/60	8221G007 120/60
Burkert Solenoid With DIN Connection	
1/2", 24/60	276268
1/2", 120/60	273571
Rainbird Solenoid	
1", 24/60	100PGA-B
1-1/2", 24/60	150PGA-B
2", 24/60	200PGA-B
Weathermatic Solenoid	
1", 24/60	11024FCR-10D
1-1/2", 24/60	110024FCR-15D
2", 24/60	11024FCR-20D
DIN Connectors	
DIN Connector without Cord	236034
DIN Connector and Cord with 120V Grounded Plug	OM550ZRB29NEMA

DIN CONNECTION
SC8221G001 24/60
SC8221G001 120/60
SC8221G003 24/60
SC8221G003 120/60
SC8221G005 24/60
SC8221G005 120/60
SC8221G007 24/60
SC8221G007 120/60

HARDWIRE CONNECTION
8221G001 24/60
8221G001 120/60
8221G003 24/60
8221G003 120/60
8221G005 24/60
8221G005 120/60
8221G007 24/60
8221G007 120/60

BURKERT, 1/2"
276268 24/60
273571 120/60

RAINBIRD SOLENOID
100PGA-B
150PGA-B
200PGA-B

WEATHERMATIC SOLENOID
11024FCR-10D
110024FCR-15D
11024FCR-20D

DIN CONNECTOR
236034

DIN CONNECTOR AND CORD WITH 120V GROUNDED PLUG
OM550ZRB29NEMA

A better swim starts with smarter systems.

ChlorKing leads the way to incredible water with commercial saline chlorine generators and pioneering sanitizing solutions. For pools big and small, we can create the soft, spa-like water that invites your swimmers to dive right in.

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NEX-GEN On-Site Chlorine Generator

SAG UV Light System

CHLOR SM Salt Chlorination System

ChlorKing®
ULTIMATE WATER SYSTEMS

Safer water through smarter technology.

FLOW METERS

Description	Part #
Signet Field Mount LCD Transmitter	
Transmitter, Flow range 0 to 99999 GPM, power requirement 12-32VDC	3-9900-1
Signet 8050 Universal Mounting Kit	3-8050
Triad Power Supply 120VAC Two Prong to 24VDC Two Wire	WSU240-0500-R
Signet 2551 Magmeter, insertion type magnetic flow sensor with no moving parts, frequency output, 24VDC power requirement, use with 9900 display transmitter - not included.	
1/2" to 4" pipe size	3-2551-P0-11
5" to 8" pipe size	3-2551-P1-11
10" to 36" pipe size	3-2551-P2-11
Signet 2551 Magmeter, insertion type magnetic flow sensor with no moving parts, 4 to 20 mA output, 24VDC power requirement, use with 9900 display transmitter - not included.	
1/2" to 4" pipe size	3-2551-P0-12
5" to 8" pipe size	3-2551-P1-12
10" to 36" pipe size	3-2551-P2-12
Signet 515 Rotor-X paddlewheel flow sensor -use with 9900 display transmitter - not included.	
1/2" to 4" pipe size	P51530-P0
5" to 8" pipe size	P51530-P1
10" to 36" pipe size	P51530-P2
Flow Meter Clamp-On Saddle SCH 80	
2" Signet PVC	PV8S020
2-1/2" Signet PVC	PV8S025
3" Signet PVC	PV8S030
4" Signet PVC	PV8S040
6" Signet PVC	PV8S060
8" Signet PVC	PV8S080
Flow Meter Glue-On Saddle SCH 80	
10" Signet PVC	PV8S100
12" Signet PVC	PV8S120

LCD TRANSMITTER
3-9900-1

MOUNTING KIT
3-8050

POWER SUPPLY
WSU240-0500-R

MAGNETIC FLOW SENSOR
FREQUENCY OUTPUT
3-2551-P0-11
3-2551-P1-11
3-2551-P2-11

4 TO 20 mA OUTPUT
3-2551-P0-12
3-2551-P1-12
3-2551-P2-12

515 ROTOR-X
P51530-P0
P51530-P1
P51530-P2

CLAMP-ON
PV8S020
PV8S025
PV8S030
PV8S040
PV8S060
PV8S080

GLUE-ON
PV8S100
PV8S120

Description	Part #
Blue-White Flow Meter - Horizontal Flow PVC	
1", SCH 40: 5-35 GPM - SCH 80: 4-26 GPM	F-30100P
1-1/2", SCH 40: 10-70 GPM - SCH 80: 10-60 GPM	F-30150P
2", SCH 40: 20-120 GPM - SCH 80: 18-100 GPM	F-30200P
2-1/2", SCH 40: 29-150 GPM - SCH 80: 25-130 GPM	F-30250P
3", SCH 40: 45-240 GPM - SCH 80: 40-215 GPM	F-30300P
4", SCH 40: 75-420 GPM - SCH 80: 70-375 GPM	F-30400P
6", SCH 40: 170-1100 GPM - SCH 80: 160-1000 GPM	F-30600P
8", SCH 40: 500-1900 GPM - SCH 80: 500-1900 GPM	F-30800P

FLOW METER
F-30100P
F-30150P
F-30200P
F-30250P
F-30300P
F-30400P
F-30600P
F-30800P

GAUGES

Description	Part #
N-B 4.5\ Panel Mount 0 to 60PSI	150707050C
Triton 2-1/2", 0 to 60 PSI, 1/4" MIPT Back Connection	190059
2-1/2" Liquid Filled, 30-0-60, 1/4" MIPT Lower Connection	ILCG36025-4L
2-1/2" Liquid Filled, 0-60, 1/4" MIPT Lower Connection	ILPG6025-4LNL
2-1/2" Liquid Filled, 0-300, 1/4" MIPT Lower Connectio	ILPG30025-4LNL
2-1/2" Liquid Filled, 30-0, 1/4" MIPT Lower Connection	ILVG3025-4LNL
1/4" MIPT x 1/4" FIPT (for gauges), Brass Snubber	310PSNB
1/4" MIPT x 1/4" FIPT, Brass Stopcock	301348TC
1/4" FIPT x 1/4" FIPT, Brass Stopcock	T38 301331TC

GAUGE
150707050C

GAUGE
190059

GAUGE
ILCG36025-4L

GAUGE
ILPG6025-4LNL

GAUGE
ILPG30025-4LNL

GAUGE
ILVG3025-4LNL

SNUBBER
310PSNB

STOPCOCK
301348TC

STOPCOCK
T38 301331TC

THERMOMETERS

Description	Part #
Vari-Angle Digital Solar Thermometer	310DVU35
Brass Well 3-1/2" Stem 3/4"	312B35
Pentair E-Z Read Thermometer Model 136	R141200
Inline Thermometer W/Nylon Well	SL1DW

THERMOMETER
310DVU35

BRASS WELL
312B35

THERMOMETER
R141200

THERMOMETER
SL1DW

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DEFENDER - REGENERATIVE

Item	Description	Part #
Water Separator	1/2" FNPT x 3/8" Auto-Drain	11539
Filter Regulator	1/2" FNPT x 3/8" Auto-Drain	11518
Filter Element	Vacuum Transfer Filter	11499
Filter Element	Vacuum Transfer Filter	DMVFE95
Viewing Window Gasket	5-1/6" OD x 3-7/8" ID x 1/8" Thick	12278
Viewing Window Gasket	7-3/4" OD x 6" ID x 1/8" Thick	12996
Media Vac Lid	7-3/8" OD x 7-1/4" ID x 5/8" Height	T848
Electronic Timer	100-240 VAC, Pin Type Connection	RTE-P1AF20
Flow Control	Elbow Type / Universal .250 MIPT x .250 Tubing Connection	AS2301F
Flow Control	Elbow Type / Universal .125 MIPT x .250 Tubing Connection	AS2301FN0107SA
Quick Connect Fitting	Straight .250" MIPT x .250" Tubing Connection	4GLF5
Quick Connect Fitting	Straight .375" MIPT x .375" Tubing Connection	4GLJ8
Exhaust Muffler	1/2" MIPT	1A328A
Exhaust Muffler	3/4" MIPT	6F600
Solenoid Valve	Solenoid Valve	SY7140-3DZ
Exhaust Valve	1/2" FNPT	AQ5000-N04
Indicator Bulb	60V, 20mA	11272
Gauge	N-B 4.5 Panel Mount 0 to 60PSI	150707050C

Additional parts available. Please contact Parts Department for assistance.

WATER SEPARATOR # 11539	FILTER REGULATOR # 11518	FILTER ELEMENT # 11499	FILTER ELEMENT # DMVFE95	VIEWING WINDOW GASKET # 12278 # 12996
MEDIA VAC LID # T848	ELECTRONIC TIMER # RTE-P1AF20	FLOW CONTROL # AS2301F	FLOW CONTROL # AS2301FN0107SA	QUICK CONNECT FITTING # 4GLF5 # 4GLJ8
EXHAUST MUFFLER # 1A328A # 6F600	SOLENOID VALVE # SY7140-3DZ	EXHAUST VALVE # AQ5000-N04	INDICATOR BULB # 11272	GAUGE # 150707050C
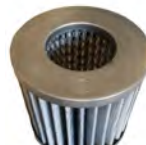
MANWAY PARTS

Item	Description	Part #
Manway Gasket	14" x 18" x .250" for Fiberglass Tanks	11519
Manway Gasket	14" x 18" x .250"	4800250476
Spider Yoke	Two-Hole Type for Fiberglass Filters	170SPDYOK2

MANWAY GASKET
11519

MANWAY GASKET
4800250476

SPIDER YOKE
170SPDYOK2

Additional parts available. Please contact Parts Department for assistance.

MULTIPORT VALVES

Item	Description	Part #
Hi-Flow Multiport Valve	2" Hi-Flow Multiport Valve 7-1/2" Centerline	261050
Multiport Valve	2" Multiport Valve for Triton (SM20-3), 7-1/2" Centerline	261055

HI-FLOW MULTIPORT VALVE
261050

MULTIPORT VALVE
261055

NEPTUNE BENSON STRAINER PARTS

Description	Part #
12.25" OD x 10.875" ID x .250" Thick, For Guardian 5" and 8" H and L Strainers	150NBGSK48R1
18.00" OD x 16.375" ID x .250" Thick, For Guardian 10" and 12" H and L Strainers	150NBGSK16R1
10.125" OD x 8.75" ID x .250" Thick, For Guardian 3" and 4" H and L Strainers	150NBGSK08R1
Nylon Washer	3.8PLAWASH
Eyebolt	1509489T73
Securing Knob	11210
Strainer Lid	Contact us
Strainer Basket	Contact us

Additional parts available. Please contact Parts Department for assistance.

GASKET
150NBGSK48R1

GASKET
150NBGSK16R1

GASKETS
150NBGSK08R1

NYLON WASHER
3.8PLAWASH

EYEBOLT
1509489T73

SECURING KNOB
11210

STRAINER LID
Contact us for sizing options.

STRAINER BASKET
Contact us for sizing options.

PENTAIR EQ STRAINER PARTS

Description	Part #
Clamp Cam and Ramp (No Lid)	350171
Clear Lid	356750
Lid Gasket	350166
Strainer Basket	357184
Strainer Pot	356725
O-Ring for Drain Plug	192115
Drain Plug	357161

CLAMP CAM
350171

CLEAR LID
356750

LID GASKET
350166

STRAINER BASKET
357184

STRAINER POT
356725

O-RING FOR DRAIN PLUG
192115

DRAIN PLUG
357161

DESIGNED WITH PERFORMANCE IN MIND

TANK CONSTRUCTION

All vessels are engineered and manufactured with Flex-sol 3000™ interior lining and include a 10 year fully rated warranty. The lining protects all wetted surfaces against corrosion to maximize the life expectancy of the vessel.

VACUUM TRANSFER

At the push of a button, a self-contained, integrated pump quickly introduces dry media into the Defender filter. This feature eliminates the mess and additional equipment required by wet, slurry designs.

INTERNAL HYDRAULICS

Our under-drain manifold is engineered to achieve ideal distribution of influent flow. The generous open area serves to minimize turbulence and ensure superior "Flex Tube" coverage.

LIFTING DAVIT

At some point it may be necessary to access the interior of the vessel. Our unique tank-mounted davit permits easy access without remote lifting devices. The davit reduces the overall height requirement and saves valuable floor space.

FILTER ELEMENTS

Our "Flex Tubes" are constructed of T304L stainless steel frames (optional T316L) with permanent polyester woven coverings. Not one has ever had to be replaced as result of wear. Other systems designed with rigid plastic frames, o-rings and socks require costly replacement frequent maintenance.

THE "BUMP"

It's all about the "Bump" - The Defender filter is programmed to automatically "bump" on a daily basis to regenerate the media coating of the "Flex Tubes". This incredible benefit maximized system performance and reduces water consumption.

HOW IT WORKS

As the bump tire deflates **(A)**, the tube sheet lowers to loosen the media and trapped debris. The re-inflation of the bump tire **(B)** raises the tube sheet and forces water into the "Flex Tubes", gently expanding them to fully release all material. This bump cycle pulses ten times to ensure the entire cleaning process.

At the completion of the bump cycle, the Defender filter will automatically pre-coat the "Flex Tubes" and re-commence the filter cycle. The "Bump" is a vital function in order to achieve superior filtration and to make the most out of every filter cycle.
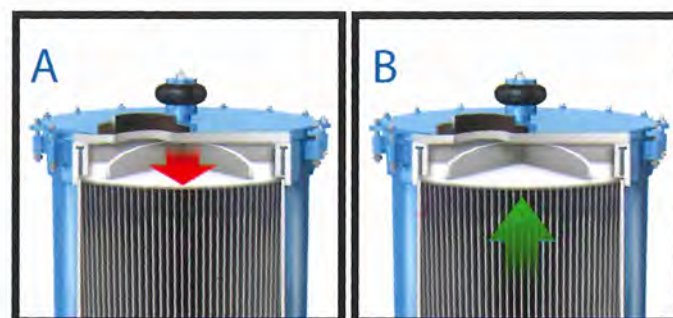
TRITON® SAND FILTERS
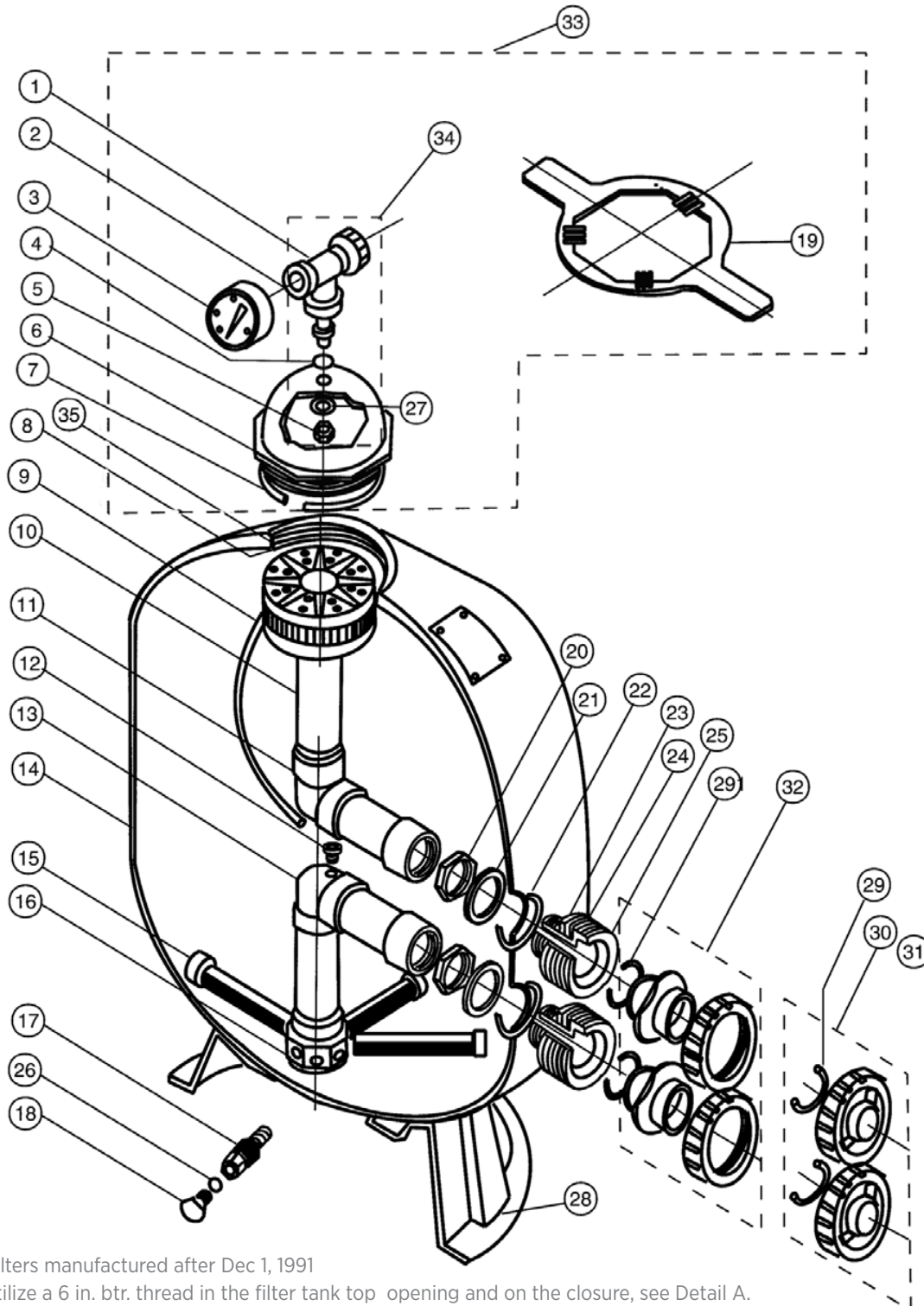
Detail A after 12/1/91
6 in. btr. Thread.

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. btr. thread, see Detail A 13	154570
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™ & TR140C™ 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)	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

TR 100C
TR 140C

UPPER PIPING SHOWN
IN ISOMETRIC
TANK VIEW TR 140C

800.642.6640 | info@spearcorp.com

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
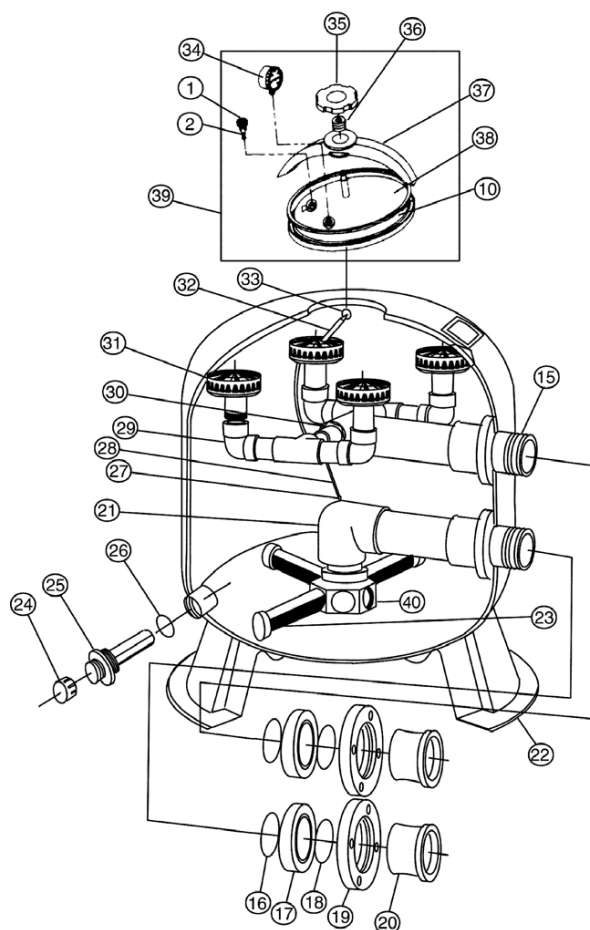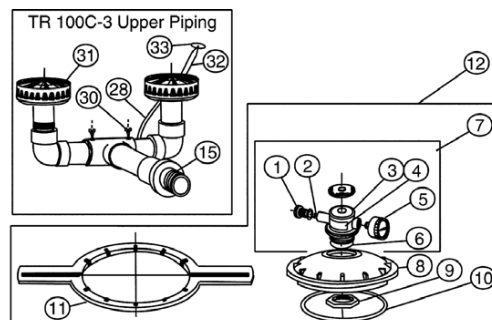
Description	Part #
Not Shown	
Oval Bulkhead Wrench	151600
Oval Bulkhead Wrench	151604
3" Flange Gaskets	150096
Aluminum Wrench	151092

BUOYS / TUBES

Item	Part #	Description
Ring Buoys	JBW-20	20", Model #718 White Ring Buoy
Ring Buoys	JBW-24	24", Model #720 White Ring Buoy
Ring Buoys	JBW-30	30", Model #723 White Ring Buoy
Rescue Tubes	JB79	49" x 6" x 4" Model #79 Orange Guard Jim Buoy Rescue Tube
Rescue Tubes	JB80	36" x 6" x 3" Model #80 Orange Jim Buoy Rescue Tube
Rescue Tubes	701B	50" x 6" x 4" Model #708 Red Guard Water Safety Rescue Tube

RING BUOYS
JBW-20
JBW-24
JBW-30

RESCUE TUBES
JB79

RESCUE TUBES
JB80

RESCUE TUBES
701B

UMBRELLAS/WHISTLES

Item	Part #	Description
Umbrellas	AQU105M	6-1/2' Dia. Specify Color: Blue or Red Vinyl Tilting lifeguard Umbrella
Umbrellas	AQU101M	6-1/2' Dia. Specify Color: BW, GW, RW, YW Vinyl Tilting Umbrella
Whistles	9DLH9	Classic Safety Black Whistle Only
Lanyards	12-356BK	Black Lanyard

UMBRELLAS
AQU105M

UMBRELLAS
AQU101M

WHISTLES
#9DLH9

LANYARDS
12-356BK
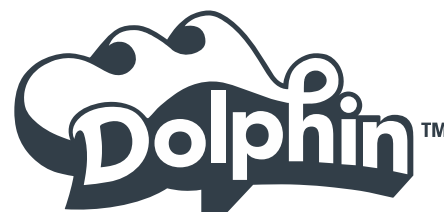
SAFETY

SAFETY ACCESSORIES

Item	Description	Part #
Life Hook	Life Hook Model 153	R221026
Life Hook	Life Hook Hardware Mounting Set	R221030
Pole	16' Fiberglass Straight Safety Pole Model 818-16	R191104
Rope	3/8" Diameter Blue/White Rope (order per foot)	PR38-6
Rope	1/2" Diameter Blue/White Rope (order per foot)	PR50-3
Rope	3/4" Diameter Blue/White Rope (order per foot)	PR75-3
Float	3" x 5" Handi-Lock Blue/White/Blue 3/8" Rope Diameter Float	IF3538
Float	3" x 5" Handi-Lock Blue/White/Blue 1/2" Rope Diameter Float	IF3550
Float	5" x 9" Handi-Lock Blue/White/Blue 1/2" Rope Diameter Float	IF5950
Float	5" x 9" Handi-Lock Blue/White/Blue 3/4" Rope Diameter Float	IF5975
Float	3" x 5" Polyethylene Blue/White 1/2" Rope Diameter Float	R181016
Float	5" x 9" Polyethylene Blue/White 3/4" Rope Diameter Float	R181086
Rope Hook	1/2" Diameter B Rope Hook	14462
Rope Hook	3/4" Diameter C Rope Hook	14-457
Throw Line	60' Throw Line	724
Rescue Blanket	66" x 84" Wool Rescue Blanket	12448
Rescue Blanket	52" x 84" Mylar Rescue Blanket	12449

LIFE HOOK
R221026

16' FIBERGLASS POLE
R191104

BLUE/WHITE ROPE
(FLOATS NOT INCLUDED
ORDER BY FOOT)
3/8" # PR38-6
1/2" # PR50-3
3/4" # PR75-3

ROPE FLOAT DIA.
3/8" # IF3538
1/2" # IF3550
1/2" # IF5950
3/4" # IF5975

ROPE FLOAT
1/2" # R181016
3/4" # R181086

ROPE HOOK B, 1/2" DIA.
14462
ROPE HOOK C, 3/4" DIA.
14-457

60' THROW LINE
724

WOOL RESCUE BLANKET
12448

MYLAR RESCUE BLANKET
12449

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Item	Description	Part #
Resuscitation Mask	Single Use Adult Resuscitator	520211000
Resuscitation Mask	Single Use Infant Resuscitator	540212000
Spine Board	MAXx System Package #2 Rescue Backboard	735MP
First Aid Kit	25 Person First Aid Kit	4715
Respirator	Medium Half Mask Respirator Only (use with 4AD98 Chemical Cartridges)	6AD97
Respirator Cartridge	Yellow / 2 Pack Chemical Cartridge (use with 6AD97 & 6AP71 Mask)	4AD98
Safety Goggles	Chemical Splash/Impact Resistant Goggles	1VT70
Sleeve Protectors	20" Long Silver Sleeves (Pair)	5T476
Neoprene Gloves	14" Long Size 10 Chemical Resistant Gloves (Pair)	6784
Acid Apron	50" Long Green PVC Bib Apron	93210

RESUSCITATION MASK
520211000
540212000

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 BOARD
735MP

One of the most X-ray translucent backboards available. Lightweight, ergonomic design features large non-slip handholds, integrally molded pins, and bottom runners for stability and handhold clearance. Weight of board 15lbs.

FIRST AID KIT
FIRST AID KIT 25 PERSON
4715

RESPIRATOR
6AD97

RESPIRATOR CARTRIDGE
4AD98

SAFETY GOGGLES
1VT70

SLEEVE PROTECTORS
5T476

NEOPRENE GLOVES
6784

ACID APRON
93210

SPECTRUM Aquatics
A PLAYCORE Company

ADA COMPLIANT POOL LIFTS
MOTION TREK BP 400 DELUXE
– WIRED CONTROL –

The **MOTION TREK BP 400 DELUXE** is an **ADA compliant** battery powered lift that is self operable from the deck and water with a robust operating system. The **MOTION TREK BP 400 DELUXE** is designed for in-ground pools and spas.

163145-DLX

- 400lb lifting capacity
- Self operable from the deck and the water
- 90 lifts per battery charge (TI Motion)
- All stainless steel construction (electropolished 304L grade)
- Coated with Spectra Shield for maximum corrosion protection
- Stabilizer bar significantly improves lift stability during transfer
- Rotationally and vertically powered with 360 degree continuous power rotation
- Accommodates setback of 6" to 22" and water draft up to 12" *
- Easy to install, even into existing decks
- Proprietary robust operating system and actuator outperform
- the competition
- Flip-down armrests for ease of transferring
- Adjustable padded head rest
- Seatbelt
- Swingout footrest

PARTS AND ACCESSORIES

- 153607 TI Motion Battery
- 152161-MT Lift Maintenance Kit
- 153601 Control Box
- 153605 Charger Cradle
- 153604 AC/DC Adaptor
- 163066 Actuator
- 153603 Control Handset

*For Extended Reach Information Please Contact Our Sales Team

ADA LIFT - PARTS

SECURE KIT
200-1090A

SPLASH LIFT SEAT BELT
900-1000

4-BUTTON LIFTOPERATOR
400-7000

4-BUTTON HAND CONTROLLER
1001600

BATTERY-LIFTOPERATOR
1001495

LIFTOPERATOR UPGRADE KIT
1001550

Item	Part #
Secure Kit For Pal Lift	200-1090A
Splash Lift Seat Belt Assembly	900-1000
4-Button LiftOperator Control (Not Keyed)	400-7000
4-Button Hand Controller 100-4000A	1001600
Battery-LiftOperator	1001495
LiftOperator Upgrade Kit	1001550

SAFETY SIGNS

Item	Description	Part #
Fire Diamond Sign Oxidizer-Chlorine, White Styrene	12" x 12" / 4 - Grommet Mount	5201WS1212E
Fire Diamond Sign Oxidizer-Chlorine	12" x 12" / Peal and Stick Mount	3B0R1YOXW
Fire Diamond Sign Corrosive-Hydrochloric Acid, White Styrene	12" x 12" / 4 - Grommet Mount	5203WS1212E
Fire Diamond Sign Corrosive-Hydrochloric Acid	12" x 12" / Peal and Stick Mount	3B0R1YCORW
Fire Diamond Sign Corrosive-Sodium Bisulfate, White Styrene	12" x 12" / 4 - Grommet Mount	5204WS1212E
Fire Diamond Sign Corrosive-Sodium Bisulfate	12" x 12" / Peal and Stick Mount	1B0R0YW
Fire Diamond Sign Corrosive-Bleach/Sodium Hypochlorite, White Styrene	12" x 12" / 4 - Grommet Mount	5205WS1212E
Fire Diamond Sign Corrosive-Bleach Sodium Hypochlorite	12" x 12" / Peal and Stick Mount	2B0R1Y0
"Pool Closed" Sign, White Styrene	12" x 18" / 4 - Grommet Mount	7067WS1218E
"Warning No Lifeguard On Duty" Sign, White Styrene	24" x 30" / 4 - Grommet Mount	1802WS2430E
"Maximum Bather Load" Sign, White Styrene - Advise capacity to print at no extra charge.	12" x 10" / 4 - Grommet Mount	8310WS1210E
"Warning No Diving Allowed" Sign, White styrene	18" x 24" / 4 - Grommet Mount	6604WS1824E
"Danger Hazardous Pool Chemicals"	18" x 24" / 4 - Peal and Stick Mount	DHC1824
"Danger Hazardous Pool Chemicals"	18" x 24" / 4 - Grommet Mount	4650WS2436E

SIGN # 5201WS1212E # 3B0R1YOXW

SIGN # 5203WS1212E # 3B0R1YCORW
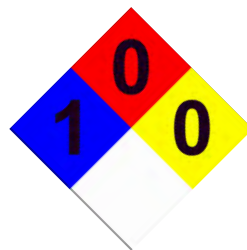
SIGN # 5204WS1212E # 1B0R0YW

SIGN # 5205WS1212E # 2B0R1Y0

State specfic signs available. Please contact Parts Department for assistance.

SIGN # 7067WS1218E

SIGN # 1802WS2430E

SIGN # 8310WS1210E

SIGN # 6604WS1824E

SIGN # DHC1824 # 4650WS2436E

POOL

SPA

Cord Length	Part #
Intellibrite 5G White LED Pool Light 120V, 40W (300W Incandescent Equivalency)	
30'	601100
50'	601101
100'	601102
150'	601103
250'	601104
Intellibrite 5G White LED Pool Light 12V, 40W (300W Incandescent Equivalency)	
30'	601105
50'	601106
100'	601107
150'	601108
Intellibrite 5G White LED Pool Light 120V, 48W (400W Incandescent Equivalency)	
30'	601200
50'	601201
100'	601202
150'	601203
250'	601204
Intellibrite 5G White LED Pool Light 12V, 48W (400W Incandescent Equivalency)	
30'	601205
50'	601206
100'	601207
150'	601208
Intellibrite 5G White LED Pool Light 120V, 55W (500W Incandescent Equivalency)	
30'	601300
50'	601301
100'	601302
150'	601303
250'	601304
Intellibrite 5G White LED Pool Light 12V, 55W (500W Incandescent Equivalency)	
30'	601305
50'	601306
100'	601307
150'	601308

Cord Length	Part #
Intellibrite 5G White LED Spa Light 120V, 18W (100W Incandescent Equivalency)	
30'	640140
50'	640141
100'	640142
150'	640143
250'	640144
Intellibrite 5G White LED Spa Light 12V, 18W (100W Incandescent Equivalency)	
30'	640150
50'	64151
100'	640152
150'	61153

Additional lights and parts available. Please contact Parts Department for assistance.

POOL CLEANING/MAINTENANCE

CLEANING/MAINTENANCE

Item	Description	Part #
Fiberglass Pole	8' to 16' Commercial Telescopic Cleaning Pole	R191092
Fiberglass Pole	11-1/2' to 22' Commercial Telescopic Cleaning Pole	J808-22
Aluminum Pole	8' to 22-1/2' Two Piece Telescopic Cleaning Pole	812-16
Aluminum Pole	12' to 24' Commercial Telescopic Cleaning Pole	R191088
Aluminum Pole	12' to 36' Commercial Telescopic Cleaning Pole	R191380
Pole Spring Clip	Spring Clip For Cleaning Poles	R22001
Pole Hanger	Hanger, Pole Model 145 / Pair	R221036
Squeegee	21" Squeegee With 72" Handle	7090 / 471A
Pool Blok	5-34" x 2-3/4" x 2-3/4" Pool Blok Tile & Concrete Cleaner	PB12
Hydrostatic Relief Valve	1-1/2 / 2" Spring Loaded with O-Ring Included	SP1056
Wysiwash Spray Gun	Intermittent Spray	WYS-101
Wysiwash Spray Gun	Continuous Spray	WYS-102
Wysiwash Cleaning Solution	5.9# Pail	WYSI

FIBERGLASS POLES
R191092
J808-22

ALUMINUM
POLES
812-16
R191088
R191380

POLE SPRING
CLIP
R22001

POLE
HANGER
R221036

SQUEEGEE
7090 /
471A

POOL BLOK
PB12

HYDROSTATIC RELIEF
VALVE
SP1056

Additional cleaning and maintenance supplies available. Please contact Parts Department for assistance.

WYSIWASH SPRAY GUN
WYS-101

WYSIWASH SPRAY GUN
WYS-102

WYSIWASH CLEANING SOLUTION
5.9# Pail | # WYSI

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.

BRUSHES

Item	Description	Part #
Brush	18" Curved Nylon Pool Cleaning Brush	R111316
Brush	24" Curved Nylon Pool Cleaning Brush	R111342
Brush	10" Acid Wash Brush	R111584

BRUSH
18" | # R111316

BRUSH
24" | # R111342

BRUSH
10" | # R111584

VACUUMS / HOSES

Item	Description	Part #
Manual Vacuum	19" ProVac Flexible Commercial Vacuum Head	R201126
Manual Vacuum	22" ProVac Flexible Commercial Vacuum Head	R201286
Vacuum Hose	1-1/2" x 50' Vacuum Hose W/Swivel	10-404
Vacuum Hose	2" x 50' Vacuum Hose W/Swivel	10-422
Discharge Hose	1-1/2" x 50' Discharge Hose	10438
Discharge Hose	2" x 50' Discharge Hose	QT-262-1

VACUUM HEAD
19" # R201126
22" # R201286

VACUUM HOSE
1-1/2" # 10-404
2" # 10-422
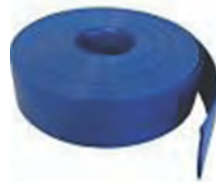
DISCHARGE HOSE
1-1/2" # 452A-25
2" # QT-262-1

STEPS

Item	Part #
19" Vertical UV Inhibited ABS, Step	44101
19" Sloping UV Inhibited ABS, Step	44104
26" Vertical UV Inhibited ABS, Step	44107
26" Sloping UV Inhibited ABS, Step	44109
Hardware Only for 2 Treads (For use with SR Smith LTDF-103 step)	60-701
Step Only, SR Smith Ladder 20" Elite Stainless Steel Tread (use 60-701 hardware kit if required)	LTDF-103

LADDER STEP 19"
VERTICAL
44101

LADDER STEP 19"
SLOPING
44104

LADDER STEP 26"
VERTICAL
44107

LADDER STEP 26"
SLOPING
44109

HARDWARE
ONLY
60-701

SR SMITH LADDER STEP
20" Elite # LTDF-103

Additional step and ladder parts available. Please contact Parts Department for assistance.

FAST & TITE

Tubing Outside Diameter x Male Pipe Thread		
Tubing Size	MNPT Size	Part Number
1/4	1/4	P4MC4
3/8	1/4	P6MC4
3/8	3/8	P6MC6
3/8	1/2	P6MC8
3/8	3/4	P6MC12
1/2	1/4	P8MC4
1/2	3/8	P8MC6
1/2	1/2	P8MC8
1/2	3/4	P8MC12
5/8	1/2	P10MC8
5/8	3/4	P10MC12

Tubing Outside Diameter x Tubing Outside Diameter		
Tubing Size	Tubing Size	Part Number
1/4	1/4	P4UC4
3/8	1/4	P6UC4
3/8	3/8	P6UC6
1/2	3/8	P8UC6
1/2	1/2	P8UC8
5/8	1/2	P10UC8
5/8	5/8	P10UC10

Tubing Outside Diameter x Female Pipe Thread		
Tubing Size	FNPT Size	Part Number
3/8	1/4	P6FE4
3/8	3/8	P6FE6
1/2	3/8	P8FE6
1/2	1/2	P8FE8
5/8	1/2	P10FE8

Tubing Outside Diameter x Male Pipe Thread		
Tubing Size	MNPT Size	Part Number
1/4	1/4	P4ME2
3/8	1/4	P6ME4
3/8	3/8	P6ME6
3/8	1/2	P6ME8
1/2	3/8	P8ME6
1/2	1/2	P8ME8
5/8	1/2	P10ME8

Tubing Outside Diameter x Female Pipe Thread		
Tubing Size	FNPT Size	Part Number
1/4	1/4	P4CF4
3/8	1/4	P6FC4
3/8	3/8	P6FC6
3/8	1/2	P6FC8
1/2	3/8	P8FC6
1/2	1/2	P8FC8
5/8	1/2	P10FC8

Tubing Outside Diameter x Male Pipe Thread		
Tubing Size	MNPT Size	Part Number
1/4	1/4	P4MT4
3/8	1/4	P6MT4
1/2	1/2	P8MT8

Tubing Outside Diameter	
Tubing Size	Part Number
1/4	P4TU4
3/8	P6TU6
1/2	P8TU8
5/8	P10TU10

Replacement Parts				
Tubing Size	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

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CEMENT AND PRIMER

Item	Size	Part #
PVC Cement - Grey	1 Quart	717QG
PVC Cement - Grey	1 Gallon	717GG
PVC Cement - Clear	1 Quart	727QC
CPVC Cement - Grey	1 Quart	724QG
PVC/CPVC Primer - Clear	1 Quart	P70QC
PVC/CPVC Primer - Clear	1 Gallon	P70GC
Empty Can	1 Gallon	MT-648
Swab	4"	4020

PVC CEMENT
1 Quart | # 717QG

PVC CEMENT
1 Quart | # 717GG

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

PVC CEMENT
1 Quart | # 727QC

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.

CPVC CEMENT
1 Quart | # 724QG

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
1 Quart | # P70QC

PVC/CPVC PRIMER
1 Gallon | # P70GC

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.

EMPTY CAN
1 Gallon | # MT-648

Empty Can With 2-7/8" Neck

SWAB 4"
1 Item | # 4020

Swab for pipe sizes 6" and larger, use with MT-648 one gallon can
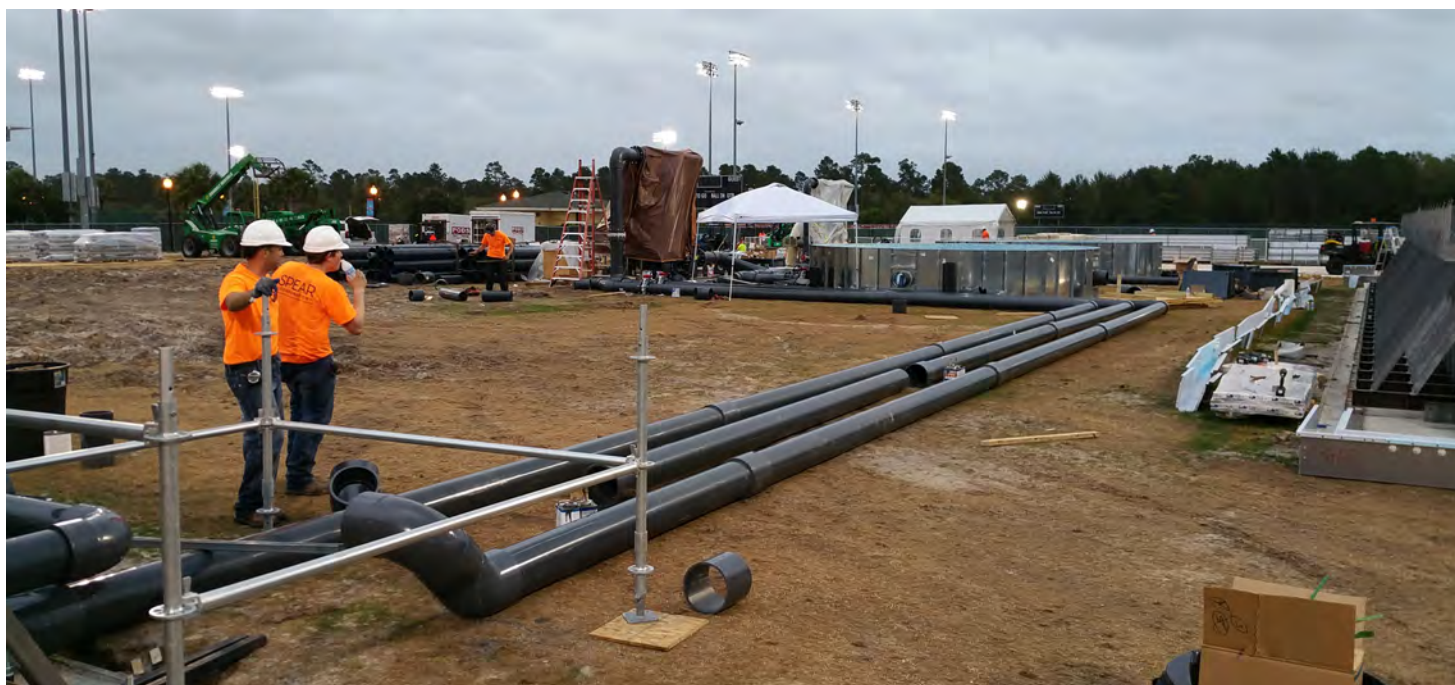
SCH 80 PVC

Key for Abbreviations		
S	=	Socket
FPT	=	Female Iron Pipe Thread
MPT	=	Male Iron Pipe Thread
SPIG	=	Spigot

PVC Schedule 80 Pipe	
Size (in)	Part Number
1/2	800-005
3/4	800-007
1	800-010
1-1/2	800-015
2	800-020
2-1/2	800-025
3	800-030
4	800-040
6	800-060
8	800-080
10	800-100
12	800-120

SCH 80 TEE

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

Tee - FPT	
Size (in)	Part Number
1/4	801-002
1/2	801-005
3/4	801-007
1	801-010

SCH 80 NINETY

Ninety - S	
Size (in)	Part Number
1/2	806-005
3/4	806-007
1	806-010
1-1/2	806-015
2	806-020
2-1/2	806-025
3	806-030
4	806-040
6	806-060
8	806-080

Ninety - FPT	
Size (in)	Part Number
1/4	808-002
3/8	808-003
1/2	808-005
3/4	808-007
1	808-010
11/4	808-012
1-1/2	808-015
2	808-020
2-1/2	808-025
3	808-030
4	808-040

SCH 80 FORTY-FIVE

Forty-Five - S	
Size (in)	Part Number
1/2	809-005
3/4	809-007
1	809-010
11/4	809-012
11/2	809-015
2	809-020
3	809-030
4	809-040
6	809-060
8	809-080
10	809-100
12	809-120

Forty-Five - FPT	
Size (in)	Part Number
1/4	819-002
3/8	819-003
1/2	819-005
3/4	819-007
1	819-010
1-1/4	819-012
1-1/2	819-015
2	819-020
2-1/2	819-025
3	819-030
4	819-040

SCH 80 COUPLING/ADAPTER

Coupling-S	
Size (in)	Part Number
1/4	808-002
3/8	808-003
1/2	808-005
3/4	808-007
1	808-010
11/4	808-012
1-1/2	808-015
2	808-020
2-1/2	808-025
3	808-030
4	808-040
6	829-060
8	829-080
10	829-100
12	829-120

Coupling - FPT	
Size (in)	Part Number
1/4	830-002
3/8	830-003
1/2	830-005
3/4	830-007
1	830-010
1-1/4	830-012
1-1/2	830-015
2	830-020
2-1/2	830-025
3	830-030
4	830-040

Female Adapter - SxFPT	
Size (in)	Part Number
1/4	835-002
3/8	835-003
1/2	835-005
3/4	835-007
1	835-010
1-1/4	835-012
1-1/2	835-015
2	835-020
2-1/2	835-025
3	835-030
4	835-040

Reducer Coupling - S	
Size (in)	Part Number
3/4x1/2	829-101
2x1	829-249
3x2	829-338
4x2	829-420
4x3	829-422
6x4	829-532
8x6	829-585
10x6	829-626
10x8	829-628
12x8	829-668

SCH 80 PLUG / ADAPTER / CAP

Plug - MPT	
Size (in)	Part Number
1/4	850-002
3/8	850-003
1/2	850-005
3/4	850-007
1	850-010
1-1/4	850-012
1-1/2	850-015
2	850-020
2-1/2	850-025
3	850-030
4	850-040

Male Adapter - SxMPT	
Size (in)	Part Number
1/2	836-005
3/4	836-007
1	836-010
1-1/4	836-012
1-1/2	836-015
2	836-020
2-1/2	836-025
3	836-030
4	836-040

Cap - FPT	
Size (in)	Part Number
1/4	848-002
3/8	848-003
1/2	848-005
3/4	848-007
1	848-010
11/4	848-012
11/2	848-015
2	848-020
21/2	848-025
3	848-030
4	848-040

Cap - S	
Size (in)	Part Number
1/4	847-002
3/8	847-003
1/2	847-005
3/4	847-007
1	847-010
11/4	847-012
11/2	847-015
2	847-020
21/2	847-025
3	847-030
4	847-040
6	847-060
8	847-080
10	847-100
12	847-120

SCH 80 UNION

Socket Union	
Size (in)	Part Number
1/4	897-002
1/2	897-005
3/4	897-007
1	897-010
1-1/2	897-015
2	897-020
2-1/2	897-025
3	897-030
4	897-040

Threaded Union	
Size (in)	Part Number
1/4	898-002
1/2	898-005
3/4	898-007
1	898-010
1-1/2	898-015
2	898-020

P
V
C

Reducer Bushing - SPIGxS	
Size (in)	Part Number
3/4x1/2	837-101
1x1/2	837-130
1x3/4	837-131
1-1/2x1/2	837-209
1-1/2x3/4	837-210
1-1/2x1	837-211
2x1/2	837-247
2x3/4	837-248
2x1	837-249
2-1/2x1-1/2	837-291
2-1/2x2	837-292
3x1	837-335
3x1-1/2	837-337
3x2	837-338
3x2-1/2	837-339
4x2	837-420
4x3	837-422
6x2	837-528
6x3	837-530
6x4	837-532
8x6	837-585
10x6	837-626
10x8	837-628
12x8	837-668
12x10	837-670

Reducer Bushing - SPIGxFPT	
Size (in)	Part Number
1/2x1/4	838-072
3/4x1/4	838-098
3/4x1/2	838-101
1x1/2	838-130
1x3/4	838-131
1-1/2x1/2	838-209
1-1/2x3/4	838-210
1-1/2x1	838-211
2x1/2	838-247
2x3/4	838-248
2x1	838-249
2x1-1/2	838-251
3x3/4	838-334
3x1	838-335
3x1-1/2	838-337
3x2	838-338

Reducer Bushing - MPTxFPT	
Size (in)	Part Number
1/2x1/4	839-072
3/4x1/4	839-098
3/4x1/2	839-101
1x1/4	839-128
1x1/2	839-130
1x3/4	839-131
1-1/2x1/2	839-209
1-1/2x3/4	839-210
1-1/2x1	839-211
2x1/2	839-247
2x3/4	839-248
2x1	839-249
2x1-1/2	839-251

SCH 80 NIPPLES / FLANGES

Nipple Length (inches)												
		CL	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6
		-005	-015	-020	-025	-030	-035	-040	-045	-050	-055	-060
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

Flange - S Van Stone Style / PVC Ring "Glass Filled PVC Ring.	
Size (in)	Part Number
3	854-030HD
4	854-040HD
5	854-050HD
6	854-060HD
8	854-080HD
10	854-100HD
12	854-120HD
14	854-140HD
16	854-160HD

Flange - SPIG Van Stone Style / Glass Filled PVC Ring "Glass Filled PVC Ring"	
Size (in)	Part Number
3	856-030
4	856-040
6	856-060
8	856-080
10	856-100
12	856-120

Neoprene Flange Gaskets	
Size (in)	Part Number
3	154700030
4	154700040
6	154700060
8	154700080
10	154700100
12	154700120

Description - Olympic Zeron Heavy Duty One Coat Epoxy	Part #
White / Gallon	NO-390-1
Blue Ice / Gallon	NO-391-1
Bikini Blue / Gallon	NO-392-1
Blue Mist / Gallon	NO-395-1
Black / Gallon	NO-399-1

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 square feet per gallon.

Description - Olympic Poxolon Epoxy For Concrete, Plaster & Metal Pools	Part #
Viking Blue / Gallon	NO-2212-1
White / Gallon	NO-2222-1
Blue Ice / Gallon	NO-2225-1
Black / Gallon	NO-2226-1
Bikini Blue / Gallon	NO-2228-1
Blue Mist / Gallon	NO-2231-1

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. You may 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 square feet per gallon.

Description - Primer	Part #
Poxoprime II Epoxy / Gallon	NO-214-1
Bonderite Epoxy / Gallon	NO-215-1
Gunzite Epoxy / Gallon	NO-216-1
Steel Epoxy / Gallon	NO-219-1
Galvanized Steel	NO-220-1

Poxoprime II Epoxy / Gallon
NO-214-1

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 Epoxy / Gallon
NO-215-1

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.

Gunzite Epoxy / Gallon
NO-216-1

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

Steel Epoxy / Gallon
NO-219-1

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

Galvanized Steel / Gallon
NO-220-1

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.

PAINT & PATCH

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.

Description - Olympic, Paralon 2 Premium Chlorinated Rubber Coating	Part #
White / Gallon	NO-290-1
Bikini Blue / Gallon	NO-292-1
Blue Mist / Gallon	NO-296-1
Black / Gallon	NO-297-1
Black / Gallon	NO-297-1
Blue Ice / Gallon	NO-291-1

Description - Diving Board Resurfacing Kit	Part #
White / Quart	NO-U100
Bikini Blue / Quart	NO-U102

These 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.

Description - Solvent	Part #
Rubber Based / Gallon	NO-1108-1
Epoxy / Gallon	NO-1109-1

Solvent & Thinner for Zeron & Poxolon epoxy. Shipping weight 5.67 Lbs.

Description - Filler	Part #
Expansion Joint, Thermolastic / Gallon	NO-935-1H
Poxofill Epoxy Putty / Gallon	NO-962-1

**Expansion Joint, Thermolastic / Gallon
NO-935-1H**

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.

**Poxofill Epoxy Putty / Gallon
NO-962-1**

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.

**Fusion Plus Paint / Gallon
NO-260-1**

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

Description	Part #
Fusion Plus Paint / Gallon	NO-260-1

Description - Olympic Patio Tones Deck Coating	Part #
White / Gallon	NO-460W-1
Desert Sun / Gallon	NO-463W-1
Sand Valley / Gallon	NO-465W-1
Creekstone / Gallon	NO-466W-1
Silk Straw / Gallon	NO-467W-1
Champagne / Gallon	No-469W-1
Mystic Gray / Gallon	NO-472W-1
Ivory / Gallon	NO-475W-1
Warm Biscuit / Gallon	NO-478W-1

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.

Description - Olympic Duracourt Vinyl Acrylic Tennis Court Coating	Part #
White / Gallon	NO-140-1
Tile Red / Gallon	NO-160-1
Green / Gallon	NO-180-1

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.

Description - Ramuc Type EP Epoxy	Part #
Black / Gallon	908132101
White / Gallon	908131101
Aquagreen / Gallon	908130001
Dawn Blue / Gallon	908132801
Dark Blue / Gallon	908130301
Hi-Build Epoxy, Black / 2 Gallon	912232102
Dark Blue / Gallon	908130301
Hi-Build Epoxy, White / 2 Gallon	912231102
Hi-Build Epoxy, Dawn Blue / 2 Gallon	912232802
EP Hi-Build Epoxy, Black / Two Gallon	912232102

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. Coverage: 500 sq. ft/gal.

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.

Description - Ramuc Type A-2 Premium Rubber Based Coating	Part #
Black / Gallon	902132101
White / Gallon	962231101
Dawn Blue / Gallon	962232801

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

PAINT & PATCH

Description - Solvent	Part #
Ramuc Thinner & Cleanup / Gallon	9221000M01

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

Description - Ramuc Type DS Water Based Arylic Pool Paint	Part #
Black / Gallon	910132101
White / Gallon	910131101
Dawn Blue / Gallon	910132801

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

Description - Ramuc Acrylic Deck Coat	Part #
Cayman Sand	951046901
Dune Shadow / Gallon	951046301
Silver Creek / Gallon	951046601
Whisper White / Gallon	951047101

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

Description - Tnemec Hi-Build Epoxoline II Epoxy	Part #
Black / 2 Gallon	N69-35GR
White / 2 Gallon	N69-00WH

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

Description - Diving Board Resurfacing Kit	Part #
White / Quart	NO-U100
Bikini Blue / Quart	NO-U102

These 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.

Description - Vulkem Sealant	Part #
Vulkem One-Part Polyurethane Sealant, White / 10 Ounce Cartridge	VK116W
Vulkem 45SSL One-Part Polyurethane Sealant, White / 30 Ounce Cartridge	VK45SSLW
Vulkem 45SSL One-Part Polyurethane Sealant, Gray / 30 Ounce Cartridge	VK-45SSLG
Vulkem 116 One-Part Polyurethane Sealant, Gray / 30 Ounce Cartridge	VK116G

Vulkem One-Part Polyurethane Sealant

NO-VK116W
Vulkem® 116 is a one-part, moisture-curing, gun-grade
polyurethane sealant. It is durable, flexible, and offers excellent performance in dynamic joints. Suitable for continuous water immersion on vertical & horizontal joints.

NO-VK45SSLW & NO-VK-45SSLG
Vulkem® 45SSL is a semi-self-leveling, single-component, moisture-curing, low-modulus, polyurethane sealant.

NO-VK116G
Vulkem® 116 is a one-part, moisture-curing, gun-grade
polyurethane sealant. It is durable, flexible, and offers excellent performance in dynamic joints. Suitable for continuous water immersion on vertical & horizontal joints.

Description - Ruscoe's Permanent Sealer	Part #
HV, Aluminum / 10.3 Ounce Cartridge	PS-CG-HV-ALUM

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 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.

Description - Underwater Magic Adhesive & Sealant	Part #
White / 9.8 Ounces Cartridge	6530-11
Blue / 9.8 Ounce Cartridge	6530-12
Tan / 9.8 Ounce Cartridge	6530-13
Grey / 9.8 Ounce Cartridge	6530-14
Black / 9.8 Ounce Cartridge	6530-19

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.

Description - Atlas Pool Putty	Part #
2-Part Molded Epoxy, White / 14 Ounce Tube Set	530318-1

Epoxybond 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 under water. Once cured, it will not shrink or sag.

Description	Part #
Boxer Vinyl Pool Repair Kit, Clear / 4 Ounce Can	110

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

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For over 30 years, Spear Corporation has been serving the commercial swimming pool industry throughout Indiana, Illinois, Kentucky and Ohio.

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