FYI

Effective and Efficient Pool & Spa Care

Caring for your pool or spa is important. We are here to help you keep your water clear and healthy, and to help enable you to maintain your equipment in excellent condition. Of course, learning to use treatment chemicals economically and effectively requires some understanding of water chemistry. Following these important steps will take you far in caring for your pool or spa.

1. **Testing**
   Treatment begins with thorough testing. Use an accurate test kit frequently and at regular intervals.

2. **Balanced Water**
   This is essential for chlorine or bromine to kill bacteria effectively. Begin by checking the total alkalinity (which acts as a buffer to stabilize pH). The ideal total alkalinity is between 80-120 ppm. Next, the pH test will tell you if the water is acidic or alkaline. The ideal pH is between 7.2 - 7.6.

3. **Sanitize**
   Either chlorine or bromine is generally used as the chemical that kills bacteria and / or algae present in pool / spa water. The proper sanitizing level for chlorine is 1.0 - 3.0 ppm and for bromine is 3.0 - 3.5 ppm.

4. **Shock Treatment**
   If chloramines or bromamines build up in the water, shocking your pool / spa every 1-2 weeks will help protect from skin and eye irritation, chlorine odor, algae growth and cloudy water.

   (Please check your local health code ordinance for exact specifications)

	Minimum	Ideal	Maximum
Free Chlorine (FAC)	Pool: 1.0 ppm Spa: 2.0 ppm	1.0 - 3.0 ppm 3.0 - 5.0 ppm	5.0 ppm 10.0 ppm
Combined Chlorine (CAC)	Pool: 0 ppm Spa: 0 ppm	0 0	0.2 ppm 0.5 ppm
Bromine	Pool: 2.0 ppm Spa: 2.0 ppm	2.0 - 4.0 ppm 3.0 - 5.0 ppm	4.0 ppm 5.0 ppm
pH	7.2	7.4 - 7.6	7.8
Total Alkalinity Ideal range depends upon the type of sanitizer used. Maintain between 80 - 120 ppm	60 ppm	80 - 100 ppm (For calcium hypochlorite sodium hypochlorite and lithium hypochlorite) 100 - 120 ppm (For gas chorine, dichlor, trichlor and bromine compounds)	180 ppm
Calcium Hardness*	150 ppm 100 ppm	200 - 400 ppm 150 - 250 ppm	500 - 1000 ppm 500 - 800 ppm
TDS (Total Dissolved Solids)	0 ppm	200 - 1000 ppm	3000 ppm
Stabilizer (Cyanuric Acid)	10 ppm	30 - 50 ppm	100 ppm

* Depends on local fill water conditions.

Check local & state codes.

Maximum User Capacity:
Surface Area ÷ Health Code
Bather Capacity = MAXIMUM USER CAPACITY

TAYLOR TEST KITS

DESCRIPTION	COMPUTER NUMBER	SIZE (H X W)	PRICE EACH $
Taylor Complete Test Kit Tests free chlorine (.5-5 ppm.) free bromine (1-10 ppm.), pH, alkalinity, cyanuric acid, calcium hardness, acid & base demand, 0.75 ounce reagents.	**E.5491**	K-2005	**51.95**
0.75 ounce Solution #1 – liquid DPD #1	NC621	R0001-A	**5.30**
2 ounce Solution #1 – liquid DPD #1	NC601	R0001-C	**13.50**
0.75 ounce Solution #2 – liquid DPD #2	NC620	R0002-A	**5.30**
2 ounce Solution #2 – liquid DPD #2	NC602	R0002-C	**13.50**
0.75 ounce Solution #3 – liquid DPD #3	NC623	R0003-A	**5.30**
2 ounce Solution #3 – liquid DPD #3	NC603	R0003-C	**13.50**
0.75 ounce Solution #4 – pH indicator	NC624	R0004-A	**5.30**
2 ounce Solution #4 – pH indicator	NC604	R0004-C	**13.50**
0.75 ounce Solution #5 – acid demand reagent	NC625	R0005-A	**5.30**
2 ounce Solution #5 – acid demand reagent	NC605	R0005-C	**13.50**
0.75 ounce Solution #6 – base demand reagent	NC626	R0006-A	**5.30**
2 ounce Solution #6 – base demand reagent	NC606	R0006-C	**13.50**
0.75 ounce Solution #7 – thiosulfate	NC627	R0007-A	**5.30**
2 ounce Solution #7 – thiosulfate	NC607	R0007-C	**13.50**

DESCRIPTION	COMPUTER NUMBER	SIZE	PRICE
0.75 ounce Solution #8 – total alkalinity indicator	NC628	R0008-A	**5.30**
2 ounce Solution #8 – total alkalinity indicator	NC608	R0008-C	**13.50**
0.75 ounce Solution #9 – sulfuric acid	NC629	R0009-A	**5.30**
2 ounce Solution #9 – sulfuric acid	NC609	R0009-C	**13.50**
0.75 ounce Solution #10 – calcium buffer	NC630	R0010-A	**5.30**
2 ounce Solution #10 – calcium buffer	NC610	R0010-C	**13.50**
0.75 ounce Solution #11 – liquid calcium indicator	NC631	R0011-A	**5.30**
2 ounce Solution #11 – liquid calcium indicator	NC611	R0011-C	**13.50**
0.75 ounce Solution #12 – hardness reagent	NC622	R0012-A	**5.30**
2 ounce Solution #12 – hardness reagent	NC612	R0012-C	**13.50**
0.75 ounce Solution #13 – cyanuric acid reagent	NC633	R0013-A	**5.30**
2 ounce Solution #13 – cyanuric acid reagent	NC613	R0013-C	**13.50**

POOL & SPA PRODUCTS

AQUACHEK® WHITE SALT POOL WATER TEST STRIP

AquaChek® White Salt Pool Water Test Strip simplifies salt water testing for systems using chlorine generators, providing a precise salt reading in approximately three to four minutes. Easy and accurate, the AquaChek® white test strip measures salt levels from 400-7000 ppm.

Packed: 10 • **Stock No.:** 561140
Comp No.: E.5040.....**$12.95** /ea.

AQUACHEK® SELECT 7-WAY

Tests for Total Hardness, Total Chlorine, Total Bromine, Free Chlorine, pH, Total Alkalinity and Cyanuric Acid (Stabilizer)

AquaChek® Select 7-Way offers seven important tests on a single strip and now features an improved test for Cyanuric Acid. It's faster and easier to use than liquid test kits. This strip allows you to test Cyanuric Acid up to 300 ppm (mg/L), a higher level than any available liquid test! This Cyanuric Acid test works in pH between 7.0 and 8.4, and in Total Alkalinity at or below 240 ppm. It offers enhanced colors for greater color distinction and easier readability.

Packed: 100 strips per bottle
Comp No.: NC290.....**$31.74** /ea.

ELECTRONIC pH TEST METER

The most commonly used methods to monitor the water pH are pH litmus papers, chemical test kits, and pH meters. Litmus papers and chemical test kits work on the principle of colorimetric reaction, and their results are approximate. This pocket size waterproof pH meter provides quick and accurate readings on an easy to read LCD screen, with a resolution of up to one tenth of pH unit. This unit also features: automatic shut off, automatic calibration, 0-14 pH range with ±0.1 pH accuracy with automatic temperature compensation water proof casing with 100% buoyancy and a one year warranty.

Stock No.: PHEP4.....**$109.95** /ea.

FYI

ACIDIC	NEUTRAL	BASIC
Corrosion		Scaling
Skin / Eye Irritation		Cloudy Water

0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0

7.2 -7.6

IDEAL RANGE

Keeping pool / spa water at pH 7.2 to 7.6 is ideal for bather comfort. (For comparison, lemons have a pH value of 2.2 while baking soda is pH 8.4).

AQUACHEK® TRUTEST DIGITAL TEST STRIP READER

Tests for Free Chlorine/Bromine, pH and Total Alkalinity

Specifically developed for pool and spa owners, the AquaChek® TruTest Digital Test Strip Reader combines the ease and accuracy of AquaChek® test strips with advanced digital technology. Now there's no guesswork required to interpret color results - just dip a test strip in your pool or spa, insert test strip reader and get fast, accurate digital results in seconds!

Features:
* Fast, accurate results in 15 seconds without color matching
* Large, easy-to-read LCD screen that displays test results
* Numerical test results for Free Chlorine/Bromine, pH and Total Alkalinity - "low", "ok" or "high" indicators for each test parameter
* Water-resistant
* Memory function-stores the last 9 test results
* Power source: 2AA alkaline batteries (not included)
* Sixty (60) day limited manufacturer's warranty

Kit Includes:
* TruTest Digital Test Strip Reader
* User's guide in 15 languages
* Pool Care and Treatment Information
* 25 TruTest Digital Strips

Aquachek® TruTest Digital Strip Reader
Stock No.: 2932400.....**$49.95** /ea.

Replacement TruTest Digital Strips – for use in the TruTest Digital Reader
Packed: 50 strips per bottle
Stock No.: 512082.....**$9.95** /ea.

pH CONTROL

Measured on a scale that runs from 0 to 14, pH indicates whether water is neutral, acidic, or basic. For example, the drawing shows that a pH equal to 7.0 is neutral, a pH below 7.0 is acidic, and a pH above 7.0 is basic.

PH CONTROL

DESCRIPTION	COMPUTER NUMBER	PACKED	PRICE EACH $
Guardex Dry Acid (lowers pH and total alkalinity) – 1 container	NC025	3 lbs.	6.95
Guardex Dry Acid (lowers pH and total alkalinity) – 12 containers	NC020	12/3 lbs.	55.25
Lowers pH and reduces total alkalinity. 2.5 pounds lowers total alkalinity 10 ppm per 10,000 gallons of water.			
Liquid Muriatic Acid (lowers pH and total alkalinity)	GP027	2 / 1 gal.	9.95
31.45% strength, commercial grade for use in cleaning surfaces, etching slippery decks, and lowering water pH. One quart lowers total alkalinity 10 ppm per 10,000 gallons of water.			
Soda Ash (raises pH) – 1 box	GJ005	5 lbs.	10.80
Soda Ash (raises pH) – 6 boxes	GJ010	6/5 lbs.	43.20
Soda Ash (raises pH) – bulk	GJ015	50 lbs.	24.10
100% Sodium Carbonate raises pH. When the pH drops below 7.2 add one pound per 10,000 gallons of water. Re-test and add more as necessary.			

TOTAL ALKALINITY CONTROL – Sodium Bicarbonate

Total alkalinity can be decreased by draining water or by adding acid. However, when using muriatic acid, you will cause the pH to drop. This will require further pH adjustment. When total alkalinity drops below 80 ppm it can be increased by adding sodium bicarbonate which will raise the pH slightly and increase total water alkalinity. 1.5 lbs. raises 10 ppm per 10,000 gal. of water.

Packed: 9 lbs.
Comp No.: NC270.....**$17.20 /ea.**

Packed: 50 lbs.
Comp No.: NC285.....**$40.00 /ea.**

pH BALANCE – Automatic Spa pH Adjustment

After filling the spa, adjust the pH quickly and easily with pH Balance. It will properly adjust and hold the pH for up to 3 months. Not recommended for calcium hardness levels above 200 ppm. One bottle will treat up to 500 gallons of water for up to three months.

Packed: 1 qt.
Comp No.: NC293.....**$17.20 /ea.**

DEFENDER – Scale and Calcium Buildup Inhibitor

A scale and stain inhibitor that prevents calcium buildup on walls and in heating and plumbing equipment. (Use 2 ounces per 800 gallons weekly).

Packed: 1 qt.
Comp No.: KS125.....**$12.50 /ea.**

CLOUDY WATER CONTROL

Cloudy water can be caused by many things. First, balance pH and total alkalinity. Next, check filtration system to see if it is working properly. Once these two items have been checked and/or properly adjusted, you need to treat the water with a clarifier. Clarifier is a coagulant for the elimination of suspended particles like dust, algae, etc. Once treated with Bright & Clear, your properly working filter can easily return your water to its original clarity. Add 2 oz. per 1,000 gallons of water.

Packed: 1 qt.
Comp No.: KS015.....**$14.60 /ea.**

FOAM DOWN DEFOAMER – Foam Control

Foam is caused by the entry of foreign matter into the water. Common contaminants are suntan lotion, detergent and soap residues. A common cause is a low calcium hardness level. To eliminate foam, check your calcium hardness and adjust if needed, then treat the water with defoamer to eliminate the problem. Add 1 oz. per 500 gallons of water.

Packed: 16 oz.
Comp No.: KS010.....**$9.58 /ea.**

CALCIUM HARDNESS CONTROL

Test your total alkalinity with your test kit, then test the hardness of your water. Then look at the water balance system diagram to determine the level of hardness/alkalinity balance and adjust accordingly. Calcium hardness can only be decreased by draining water. When the hardness drops below 150 ppm, calcium hardness can be easily increased by adding our calcium increaser. One pound raises calcium hardness 10 ppm per 10,000 gallons of water.

Packed: 10 lbs.
Comp No.: NC273.....**$24.50 /ea.**

THIO-TRINE – Lowers Chlorine/Bromine Residual

Prevent pool down time due to excessive chlorine or bromine levels. Thio-trine reduces excessive sanitizer levels to a more comfortable, safer range. 1 oz. of Thio-trine added to 10,000 gallons of pool water, will lower the chlorine residual 1.0 ppm.
NOTE: pH value will also be lowered slightly.

Packed: 20 oz.
Comp No.: NC035.....**$21.62 /ea.**

BF010

BF005

STABILIZER – Cyanuric Acid

A stabilizer is required by Health Departments to prevent the rapid dissipation of chlorine caused by sunlight. While some chlorines contain stabilizer, many do not. Stabilizer is commonly known as cyanuric acid.

Cyanuric Acid Conditioner/Stabilizer – (1 lb. per 4,000 gal. to raise 10 ppm)
Packed: 10 lbs. • **Comp No.: NC255**.....**$26.00 /ea.**

Cyanuric Acid Test Kit (Dipstick Test) – For reading the level of stabilizer or conditioner in pool water by means of a turbidity chart. Range 0 to 100 ppm – comes with 8 oz. test reagent.
Packed: 1 kit • **Comp No.: BF005**.....**$27.50 /ea.**

Cyanuric Acid Test Reagent Quart Refill
Packed: 1 qt. • **Comp No.: BF010**.....**$13.50 /ea.**

FAST GLOSS – Spa Polish and Cleaner

Spa Fast Gloss is a super fast, easy to use, reactive silicone polish and cleaner.
It reacts with a spa surface making a chemical bond that protects the surface and restores its original luster. Helps prevent fading and oxidation. Great for acrylic and gel coat spas. Use each time you refill your spa.

Packed: 16 oz.
Comp No.: NC295.....**$17.46 /ea.**

POOL & SPA PRODUCTS

POOL & SPA PRODUCTS

TYPES OF POOL WATER SANITIZERS `FYI`

	NAME	COMMON NAME	(%) AVAILABLE SANITIZER	EFFECT ON pH	ADVANTAGES	DISADVANTAGES
SODIUM TRICHLOR	Trichloro-s-Triazinetrione	Trichlor tablet	90% chlorine	lowers	Slow dissolving tablet. Long shelf life. Built in cyanuric acid protection from sunlight. Works in 3" tablet chlorinators.	Possible cyanuric acid stabilizer buildup in commercial pools. Requires a tablet feeder.
SODIUM DICHLOR	Sodium Dichloro-s-Triazinetrione	Dichlor powder	62% chlorine	lowers	Built-in cyanuric acid protection from sunlight. Quick-dissolving. No residue. For regular use or superchlorination.	Possible cyanuric acid stabilizer buildup in commercial pools.
CALCIUM HYPOCHLORITE	Calcium Hypochlorite	Cal Hypo powder	65% chlorine	raises	Excellent for sanitizing or superchlorination. No Stabilizer. Low cost.	Requires special handling due to flammability. Calcium may build up, clouds water.
SODIUM HYPOCHLORITE	Sodium Hypochlorite	Liquid bleach	10% chlorine	raises	Inexpensive. Instant chlorine for superchlorination. Non-flammable.	Short shelf life. High salt cotent. Dissipates rapidly in sunlight. Containers may leak.
BROMINE	Bromine	Bromine	61% bromine 27% chlorine	no change	More stable at high temperatures. Causes little or no eye / skin irritation.	Should only use indoor with little or no sunlight. Sunlight rapidly degrades bromine.

CHLORINE – Bacteria Control

DESCRIPTION	COMPUTER NUMBER	PACKED	PRICE EACH $
All Clear Chlor-Rite Dry Granular – pail	NC087	25 lbs.	79.00
All Clear Chlor-Rite Dry Granular – drum	NC090	100 lbs.	229.00
Use for daily chlorination or to shock your pool. Super chlorinate your pool by adding 10 ounces per 10,000 gallons or for regular use, add 2 ounces per 10,000 gallons to raise level 1 ppm. 65% available chlorine, Calcium Hypochloride. pH 11.7.			
Fresh 'n' Clear Granular Pool Sanitizer	NC040	10 lbs.	52.00
Stabilized Sodium Dichloro-iso-cyanurate. 99% active ingredients. 62% available chlorine, with Cyanuric Acid conditioner. 4 ounces treats 20,000 gallons of water. pH 6.0.			
Fresh & Clean 1" Trichlor Chlorinating Tablets	NC260	10 lbs.	38.00
No residue. Contains Cyanuric Acid conditioner. 90% available chlorine. pH 2.8.			
Fresh & Clean 3" Jumbo Chlorinating Tablets	KS186	10 lbs.	42.00
No residue. Contains Cyanuric Acid conditioner. 90% available chlorine. pH 2.8.			
All Pure Sodium Hypochlorite – liquid	GP022	2 / 1 gal.	8.98
To raise 1 ppm, add 20 ounces per 10,000 gallons. Liquid chlorine. pH 13.			

NC087   NC040

KS186   NC260

BROMINE – Bacteria Control

Like chlorine, bromine is a member of the halogen family. It is most popular for use in spas and hot tubs because it is stable at higher temperatures, more effective over a wide pH range and reduces pH fluctuation. At a water pH of 7.8, bromine is over 150% more active than chlorine. 61% available bromine, 27% available chlorine. pH 7.4.

Packed: 5 lbs.
Comp No.: NC250.....**$47.00 /ea.**

Packed: 25 lbs.
Comp No.: NC251.....**$185.68 /ea.**

BROMINE – Spa Care Kit with Instruction Video

This kit includes: 3.5 oz. bromine dispenser with float, 8 oz bottles of Bright and Clear, Spa Defender, Foam Down and Fast Gloss, 2 oz. packets of Spa Up, Spa Down, Sodium Bromide and Renew, bottle of 25 test strips, thermometer and 2 oz. bottle of Spa EsScents.

Packed: 1
Stock No.: BFV.....**$67.95 /ea.**

NON CHLORINE SHOCK

Use monthly or more often as needed to keep water looking clean.

2 ounce packet – enough to shock up to 500 gallons.
Packed: 2 oz.
Comp No.: NC292.....**$2.25 /ea.**

2.5 lb bottle – use 2 oz. per 500 gallons.
Packed: 2.5 lbs.
Comp No.: NC289.....**$22.95 /ea.**

SPA METAL GON – Mineral Protection

Use Spa Metal Gon to prevent staining of your spa surface and discolored water caused by metals in the source water. One bottle will treat up to 500 gallons of water for up to three months.

Packed: 16 oz.
Comp No.: NC294.....**$6.95 /ea.**

ROLACHEM COMMERCIAL SPA & POOL SIZE LIQUID FEEDERS

Rola-Chem chemical feeder uses state of the art technology and the highest quality components to manufacture one of the most dependable chemical feeders available. They use a heavy duty air-cooled motor with thermal overload protection and stainless steel casings with fewer working parts and solid state controls. Can be used in both indoor and outdoor installations. Please specify voltage and cord or conduit fitting when ordering.

Chemical Feeders:

110 volt – 9.6 gallons per day, with cord
Stock No.: RC-25/53SP/110.....$323.00 /ea.

220 volt – 9.6 gallons per day, with conduit fitting
Stock No.: RC-25/53SP/220.....$323.00 /ea.

110 volt – 40 gallons per day, with cord or conduit fitting
Stock No.: RC-103SP/110.....$323.00 /ea.

220 volt – 40 gallons per day, with conduit fitting
Stock No.: RC-103SP/220.....$323.00 /ea.

Silicone (Tygon) Hose Assembly – 13.5", squeeze tube hose assembly, for RC-25/53SP, RC-103SP, for chlorine use only (change every 3 to 6 months)

Stock No.: 523115.....$29.00 /ea.

Neoprene Hose Assembly – 13.5", squeeze tube hose assembly, for RC-25/53SC, RC-103SP for chlorine or acid use (change every 3 to 6 months)
Stock No.: 523114.....$40.00 /ea.

Clear Feed Tubing – 7/16" diameter, for suction and discharge, price per foot (change every 6 to 12 months)
Stock No.: 520116-1.....$2.75 /ft.

HAYWARD SPA & POOL SIZE TABLET FEEDER

The easy economical and professional way to chlorinate your pool or spa — automatically. Hayward's efficient, corrosion-proof automatic feeders install easily on new or existing pools or spas and hold up to 9 pounds of large or small Tri-Chlor slow dissolving tablets or sticks — enough

CL-200   CL-220

to provide approximately a three week supply of chlorine sanitizer for large pools and longer for smaller pools or spas. The easy to use integral dial control valve lets you accurately adjust the rate of chlorination needed to keep your pool or spa sparkling pure and inviting.

In-Line Chlorinator – 9 pound capacity
Stock No.: CL-200.....$65.95 /ea.

Optional In-Line Union Kit – contains two union adapters
Stock No.: SP-1500UN.....$11.95 /ea.

Free Standing Off-Line Chlorinator – 9 pound capacity
Stock No.: CL-220.....$85.95 /ea.

BLUE WHITE COMMERCIAL SPA & POOL SIZE LIQUID FEEDERS

Blue White chemical feeder is an extremely durable, heavy duty feeder that uses peristaltic action to pump chemicals accurately and reliably. Self-priming and non-clogging. Heat and chemical resistant Valox plastic housing make this a logical choice for both indoor and outdoor installations. Please specify voltage and cord or conduit fitting when ordering.

DESCRIPTION	STOCK NUMBER	PRICE EACH $
Flex-Flo Feeder – 110 volt, 52.5 gallons per day, with cord	**A1N10A4T**	**338.00**
Flex-Flo Feeder – 110 volt, 76.1 gallons per day, with cord	**A1N20A7T**	**338.00**
Flex-Flo Feeder – 220 volt, 52.5 gallons per day, with conduit fitting	**A1N12A4T**	**338.00**
Flex-Flo Feeder – 220 volt, 76.1 gallons per day, with conduit fitting	**A1N22A7T**	**338.00**
Flex-Flo Tube Assembly – 3/8" OD, for chlorine use only (change every 3 to 6 months)	**A130-6**	**12.95**
Flex-Flo Neoprene Tube Assembly – 3/8" OD, for chlorine or acid use (change every 3 to 6 months)	**A-002-6N**	**14.95**
PVC Threadless Injector – 3/8" diameter for 1.25" to 2" pipe	**T140-6V**	**29.95**
Suction and Discharge Tubing – 3/8" diameter, price per foot (change every 6 to 12 months)	**C334**	**0.90 /ft.**

PENTAIR INTELLICHLOR SALT CHLORINATOR

Intellichlor takes electrolytic chlorine generation to a higher level of convenience, reliability and safety. Electrolytic Chlorine Generation is the easiest, most effective and convenient way to keep pool water sparkling clean. The IntelliChlor chlorine generator uses common table salt to produce all the chlorine your pool needs, right in your pool - safely, effectively, and automatically. Same sanitation performance as manual chlorine addition without the drawbacks. No need to buy, transport and store expensive chlorine compounds. No more odor, stinging eyes, irritated skin and bleached out swimsuits.

Featured Highlights:
- Cell blades are rated for more than 10,000 hours of operation - five years of reliable chlorine output under normal operating conditions.
- Full diagnostic capabilities, including cell life tracking that communicates remaining hours of cell life in real-time. Captures all the performance data daily (production settings, hours of operation, chlorine output, cell cleaning cycles, salt readings, and water temperature averages) making it easy to maintain perfect water.
- Push-button operation and easy-to-view displays enable fast checking of salt levels, cell cleanliness, sanitizer output, and water flow.
- Automatic shut-off feature protects the unit and prolongs cell life under low water temperature conditions.
- Union inlet and outlet connections make cell replacement fast and easy.
- On-time cycling prevents calcium and scale build-up to maximize cell life.
- Ability to communicate with IntelliTouch Automation Systems.
- Certifies to UL 1081 standard for safety.

IntelliClor IC20 – Cell up to 20000 Gal
Stock No.: 520554.....$699.95 /ea.

IntelliChlor Complete – Cell & Power Center up to 20000 Gal
Stock No.: 520554K.....$995.95 /ea.

Intellichlor IC40 – Cell up to 40000 Gals
Stock No.: E.5649......$799.95 /ea.

Intellichlor Complete – Cell & Power Center up to 40000 Gal
Stock No.: 520555K......$1,099.95 /ea.

Intellichlor Power Center – Cell & Power Center up to 40000 Gal
Stock No.: E.5650......$399.95 /ea.

Sodium Chloride – Pool Grade Salt 40 Lb. Sack
Comp No.: E.5645......$13.95 /ea.

POOL & SPA PRODUCTS

POOL & SPA PRODUCTS

ALGAE CONTROL

Algae is a very common problem in all water. There are many types of algae and these can be recognized by their color. Treatment can vary according to color. However, any treatment can only be successful if you brush walls frequently and keep chlorine at proper levels.

Green, Black and Yellow Mustard Algae Treatment – Algimycin 2000
Use 16 ounces per 10,000 gallons initially, 4 ounces per 10,000 gallons weekly.
Packed: 32 oz. • **Comp No.: NC005**.....**$32.00 /ea.**

Mustard Algae Treatment – Coral Seas Yellow-Out
The only patented scrub-free pool cleaner available today. Unlike toxic algaecides, Yellow Out works with chlorine to safely clean your pool, spa, or fountain. Use 1 pound per 7,500 gallons.
Packed: 2 lbs. • **Comp No.: NC007**.....**$17.46 /ea.**

TILE, CHROME AND VINYL CLEANER

Removes oil grime rapidly and dissolves scale completely to restore the original surface lustre.
Packed: 1 qt.
Comp No.: KS150.....**$14.95 /ea.**

PORTABLE FILTER – For Pools, Spas & Fountains

The BKP Portable Filter is a heavy duty, all stainless steel unit with an adjustable base complete with welded stand, wheels and handle. Ball-bearing wheels are equipped with grease fittings for ease of movement and long life. A stainless steel electric line bracket is mounted on the side.
Clears up bad water problems quickly, without wasting water, heat and chemicals. 84 square foot cartridge filter and 3/4 horsepower pump included. (Should be used with vacuum head, pool hose on page 119 and pool pole on page 120.)
Stock No.: BKP84.....**$1,495 /ea.**

FILTRATION

For proper pool water maintenance, it is necessary to check both filtration and chemical treatment. Ensure that pumping and filtering systems are operating correctly. Organic debris which clouds the water and becomes food for algae and bacteria builds up in the pool if the filter is not operating properly. All types of filter cartridges and grids are available from Blue Ribbon Supply. Check on page 118 to see if your replacement filter is listed or call us with your filter model name and number.

Filter Sand
Packed: 50 lbs. • **Comp No.: NC264**.....**$15.95 /ea.**

Diatomaceous Earth – (to precoat filter grids add 1 lb. per square foot of filter area)
Packed: 25 lbs. • **Comp No.: NC010**.....**$14.95 /ea.**
Packed: 50 lbs. • **Comp No.: NC015**.....**$26.40 /ea.**

Cartridge Filter Cleaner
An excellent concentrated soaking solution specially developed to remove dirt, debris, oils, grease, soap, iron, calcium and copper from all makes of polyester cartridge filters and Diatomaceous Earth (D.E.) filters. Each 32 ounce bottle will clean up to 110 square feet of filter area.
Packed: 1 qt. • **Comp No.: NC276**.....**$21.60 /ea.**

AQUA PERL™

Aqua Perl™ is a non-toxic, 100% crystalline silica free alternative to Diatomaceous Earth (D.E). A 12 lb. bag of Aqua Perl™ is equivalent to a 25 lb. bag of D.E., making it lightweight and easier to handle! Makes filter cycles longer, without the caking or clogging that can result from D.E. or cellulose (paper pulp) alternatives.

Packed: 25 lbs. (D.E. Equivalent) • **Size:** 12 lbs.
Comp No.: A6300.....**$17.99 /ea.**

Packed: 1 • **Size:** D.E. Scooper (1 lb. capacity)
Comp No.: A6195.....**$5.99 /ea.**

NATURE² MINERAL PURIFIERS

Nature² Mineral Water Purifiers will cut your chlorine use by 80-90% in both pools and spas. Pool and spa water passes through a mineral bed that kills bacteria, algae, and viruses. The Nature² purifier then releases safe trace amounts of silver into the water to help prevent bacteria and algae growth. Nature² can be used in conjunction with every type of chemical treatment program except bromine, bromides, Baquacil or SoftSwim products. Nature² cannot be used with copper based algaecides.

DESCRIPTION	STOCK NUMBER	PRICE EACH $
Nature² Spa Size Purifier - lasts 4 months, for spas up to 1000 gallons	E5240	36.50
Nature² Cartridge Filter Insert - lasts 4 months, for pools up to 25,000 gallons	CF	70.00
Nature² Cartridge Housing - 1.5" ports, for pools up to 25,000 gallons (for use with sand and diatomaceous earth filters) - cartridge not included	RM	294.00
Nature² Cartridge - lasts 6 months, for pools up to 25,000 gallons Larger models available (for pools up to 45,000 gallons) - call for details.	CRG25	110.00

RM   **CRG25**

FILTER CHART   **FYI**

	SAND	CARTRIDGE	DIATOMACEOUS EARTH
Size of Particles Filtered	20 - 40 microns	10 - 20 microns*	2 - 5 microns
Relative Cost of Filter	$$	$	$$$
Relative Cost of Filter Media	$	$$	$$$
Cleaning Frequency (When the pressure gauge reads 10 p.s.i. higher than starting pressure (when brand new).	Unpredictable – depends on usage and system hydraulics. bather load.	Can range from daily to once a season depending on the size of the filter and D.E., the measure is 5" of mercury.	Depends on usage, filter design & system hydraulics. With vacuum
Replacement Frequency	When the pressure can't get down to within 5 p.s.i. of the initial pressure reading. This indicates that the sand particles have smoothed (typically 3 to 5 years).	Sta-Rite claims its Modular media has no reported replacements in the first 3 years on the market, and it may last 7 years.	After each backwash.
Strongest Selling Point	Requires the least attention.	No backwashing required.	Ultra-fine filtration gives sparkling water.
Popularity Pockets	Arizona, colder climates.	California, other sunbelt areas.	California, other sunbelt areas.
GPM Per Sq. Ft. of Filter Area	12.0 - 20.0 (High Rate) 1.5 - 5.0 (Rapid Rate)	.375 - 1.0	1.5 - 2.5 (W/O Slurry Feed) 2.0 - 3.0 (W/ Slurry Feed)
Accepted	3.0* (Rapid Rate), 15.0* (High Rate)	.375*	2.0* (W/O Slurry Feed), (W/ Slurry Feed)

*At least one cartridge filter manufacturer claims to offer filtration down to 3 microns. $=lowest cost, $$=moderate cost, $$$=highest cost.

STA-RITE SYSTEM 3™ FILTERS

Sta-Rite® System 3™ tanks feature Dura-Glass® construction for optimum durability, posi-lok™ clamping system for quick tank access and interchangeability of media choices (excluding PLM100 & PLM150). It's a revolutionary design for operation superiority and ease of maintenance and service.

System 3™ DE Filters
74 gallons per minute (37 sq. ft.)
Stock No.: S7D75.....$540.00 /ea.

106 gallons per minute (53 sq. ft.)
Stock No.: S8D110.....$625.00 /ea.

System 3™ Sand Filters
48 gallons per minute (2.4 sq. ft.)
Stock No.: S7S50.....$554.70 /ea.

68 gallons per minute (3.4 sq. ft.)
Stock No.: S8S70.....$631.01 /ea.

System 3™ Modular Media Filters
74 gallons per minute (100 sq. ft.)
Stock No.: PLM100.....$360.00 /ea.

112 gallons per minute (150 sq. ft.)
Stock No.: PLM150.....$410.00 /ea.

100 gallons per minute (300 sq. ft.)
Stock No.: S7M120.....$599.95 /ea.

125 gallons per minute (450 sq. ft.)
Stock No.: S8M150.....$899.00 /ea.

Selector Valve 2" ABS
– must be used with DE and Sand System 3™ Filter
Stock No.: WC-212-134P.....$69.95 /ea.

Multiport Valve 2"
– must be used with DE and Sand System 3™ Filter
Stock No.: 182010200.....$125.00 /ea.

System DE Filter   Multi-Port Valve

Selector Valve   System 3™ Filter

STA-RITE® POSI FLO II FILTERS

Sta-Rite® Posi Flo II is recommended for all hot water spa and most small to medium size swimming pool applications. The unit consists of a heavy duty glass reinforced thermoplastic body, single filter cartridge and a clamp type enclosure with a single knob for easy access.

Sta-Rite® Posi Flo II Thermoplastic Cartridge Filter
50 gallons per minute (50 sq. ft.)
Stock No.: PTM50.....$240.00 /ea.

70 gallons per minute (70 sq. ft.)
Stock No.: PTM70.....$280.00 /ea.

100 gallons per minute (100 sq. ft.)
Stock No.: PTM100.....$330.00 /ea.

135 gallons per minute (135 sq. ft.)
Stock No.: PTM135.....$410.00 /ea.

HAYWARD CARTRIDGE FILTERS

Hayward cartridge filters combine performance and durability at an economical price. They consist of a molded plastic tank, single cartridge and a top opening lid with a locking knob.

Star-Clear C-225
25 gallons per minute (for light duty use), 25 sq. ft.
Stock No.: C-225.....$69.00 /ea.

Star-Clear C-250
25 gallons per minute (for medium duty use), 25 sq. ft.
Stock No.: C-250.....$129.00 /ea.

Star-Clear C-500
50 gallons per minute (for medium duty use), 50 sq. ft.
Stock No.: C-500.....$180.00 /ea.

Star-Clear C-750
75 gallons per minute (for medium duty use), 75 sq. ft.
Stock No.: C-750.....$260.00 /ea.

SILICONE LUBRICANT

Silicone Lubricant is a silicone based lubricant and sealer formulated for use under the most adverse conditions. Silicone Lubricant is environmentally safe and is completely waterproof and chemical resistant. For use in backwash valves and other valves requiring lubrication.

Silicone Lubricant – 5 oz. tube
Comp No.: NC457.....$17.60 /ea.

POOL & SPA PRODUCTS

POOL & SPA PRODUCTS

UNICEL FILTER REPLACEMENTS

DESCRIPTION	PART NUMBER	PRICE EACH $
Vertical DE Grids for Top Manifold Filters		
24 sq. ft. (full)	FG-1002	12.00
36 sq. ft. (full)	FG-1003	19.00
48 sq. ft. (full)	FG-1004	22.00
60 sq. ft. (full)	FG-1005	28.00
72 sq. ft. (full)	FG-1006	30.00
24 sq. ft. (partial)	PG-1902	14.00
36 sq. ft. (partial)	PG-1903	20.00
48 sq. ft. (partial)	PG-1904	22.00
60 sq. ft. (partial)	PG-1905	28.00
72 sq. ft. (partial)	PG-1906	30.00
Replaces American Products, Hayward, Pac-Fab, Pentair and Sta-Rite.		
Vertical DE Grids for Bottom Manifold Filters		
24 sq. ft. Pentair/Purex/Premier	FG-1224	13.00
36 sq. ft. Pentair/Purex/Premier	FG-1236	20.00
48 sq. ft. Pentair/Purex/Premier	FG-1248	24.00
60 sq. ft. Pentair/Purex/Premier	FG-1260	29.00
72 sq. ft. Pentair/Purex/Premier	FG-1272	33.00
DE Grids		
For 12 sq. ft. Pentair/Purex SM 812	07-2968	9.50
For 16 sq. ft. Pentair/Purex SM 816	07-2964	12.50
For 20 sq. ft. Pentair/Purex SM 820	07-2965	14.50
For 30 sq. ft. Pentair/Purex SM 830	07-2967	22.00
Universal Circular DE Spin Grid		
11-1/2" outer diameter, 2-1/2" inner diameter	S-0115	13.95
14-1/2" outer diameter, 2-1/2" inner diameter	S-0140	13.95
16" outer diameter, 2-1/2" inner diameter	S-1600	13.95
17" outer diameter, 2-1/2" inner diameter	S-0170	13.95
19" outer diameter, 2-1/2" inner diameter	S-1900	17.95
Pentair/American Products Cartridges		
20.5 sq. ft. In-line Commander II	C-4620	24.00
25 sq. ft. In-line Commander II	C-4327	17.50
25 sq. ft. Commander	C-7425	13.95
35 sq. ft. Commander	C-7435	24.50
50 sq. ft. Commander	C-7450	29.00
75 sq. ft. Commander (after 2/1/89)	C-7453	38.00
75 sq. ft. Commander (before 2/1/89)	C-7475	52.50
100 sq. ft. Commander	C-7499	67.00
Pentair/Purex Cartridges		
CF-25, 25 sq. ft. element	C-7610	27.00
CF-33, 33 sq. ft. element (2 for CF-66)	C-7633	30.00
CF-40, 40 sq. ft. element (3 for CF-120)	C-7440	33.00
CF-60, 60 sq. ft. element (3 for CF-180)	C-7460	44.00
CF-80, 80 sq. ft. element (3 for CF-240)	C-7480	55.00
Sta-Rite Original Heavy Duty Cartridges		
35-TX, 6 ounce, 35 sq. ft. element	WC108-55S2X	34.00
50-TX, 6 ounce, 50 sq. ft. element	WC108-56S2X	39.00
70-TX, 6 ounce, 70 sq. ft. element	WC108-57S2X	49.00
100-TX, 6 ounce, 100 sq. ft. element	WC108-58S2X	65.00
135-TX, 6 ounce, 135 sq. ft. element	WC108-59S2X	80.00
Hayward Cartridges		
C-120 Micro-Clear, 12 sq. ft.	C-4312	14.00
C-200 Micro-Clear, 20 sq. ft.	C-4320	19.00
C-225 Micro-Clear, 25 sq. ft.	C-4325	22.00
C-250 Micro-Clear, 25 sq. ft.	C-7626	32.00
C-500 Micro-Clear, 50 sq. ft.	C-7656	50.00
C-750 Micro-Clear, 75 sq. ft.	C-7676	75.00
C-800 Micro-Clear, 80 sq. ft.	C-8600	75.00
C-1100 Micro-Clear, 100 sq. ft.	C-8610	90.00
Pentair/Pac-Fab Cartridges		
6 sq. ft. (red top), 4 ounce	T-380	6.00
6 sq. ft. Mark Series, 6 ounce	C-2606	8.00
MY-30, 23 sq. ft.	C-5623	24.00
MA/MY-60, 60 sq. ft.	C-7660	59.00
MA/MY-80, 80 sq. ft.	C-7680	69.00
MA/MY-100, 100 sq. ft.	C-7699	79.00

(Other replacement filters available. Please call us with your details.)

AUTOMATIC CLEANING SYSTEMS

DESCRIPTION	COMPUTER NUMBER	STOCK NUMBER	PRICE EACH $
Hayward Navigator Pool Vac Cleaning system with leaf canister, vacuum size hose operates on suction through your skimmer, no pool pump needed.	-	905	**395.00**
Pentair Kreepy Krauly Automatic Pool Vacuum Cleaner Vacuum size hose operates on suction through your skimmer, no pool pump needed, 10 year warranty.	NC500	70-300	**630.00**
Pentair Jet Vac Complete – with pump	-	JV105/LA01	**675.00**
Pentair Jet Vac Complete – without pump Works by pressure, lower maintenance than other pressure type cleaners.	NC450	JV105	**522.00**
Polaris Vac Sweep 280 Automatic Pool Cleaner – with pump	-	F5/PB-4	**750.00**
Polaris Vac Sweep 280 Automatic Pool Cleaner – with pump Works by pressure, gear driven drive train, 2 jets.	-	F5	**575.00**
Polaris Vac Sweep 380 Automatic Pool Cleaner – with pump	-	F3/PB-4	**960.00**
Polaris Vac Sweep 380 Automatic Pool Cleaner – without pump Works by pressure, #1 best seller, belt driven drive train, 3 jets.	KS201	F3	**760.00**
Replacement 3/4 Horsepower Booster Pump for Jet Vac or Vac Sweep	NC455	LA01	**306.00**

NC500

KS201

NC450

NC455

POOL BUSTER

Clean your spa, pool or fountain in minutes or touch up in seconds!

It is the only manual vacuum device that works independently of your pool's filteration system as it contains its own reusable large capapcity fine filter bag. The Pool Buster® does not use any bulky hoses or electric cords and it requires no backwashing or refilling of your pool or spa. This lightweight cleaner easily connects to your existing telepole. Operates up to one hour on its rechargeable battery. Comes complete with reusable filter bag, a spot cleaning nozzle and battery charger. 1-Year Warranty.

Comp No.: E.6286.....$239.99 /ea.

LEAF VACUUM WITH BAG

Venturi Leaf Vacuum attaches to garden hose and accepts any standard pool pole. It picks up leaves and other large debris quickly. Use wheeled model for gunite pools and brush model for vinyl lined pools.

Wheeled Leaf Vacuum – with bag
Stock No.: 3017W.....$29.95 /ea.

Brush Leaf Vacuum – with bag
Stock No.: 3017B.....$33.95 /ea.

GUNITE POOL SKIMMERS

Complete with float valve, flap weir and white lid and ring. Beige lid and ring available upon request.

American S-20 Skimmer
– white lid and ring
Stock No.: S-20.....$74.95 /ea.

Hayward #1070 Skimmer
– white lid and ring
Stock No.: 1070.....$69.95 /ea.

S-20   **1070**

FLEXIBLE VACUUM HEAD

Vacuum head for commercial or residential use (should be used with pool pole on page 120 and swimming pool hose below).

Size: 14" • **Stock No.: 3028.....$33.00 /ea.**
Size: 22" • **Stock No.: 222.....$96.00 /ea.**
Size: 29" • **Stock No.: 229.....$125.00 /ea.**

SWIMMING POOL HOSE

Heavy-duty vacuum hose with swivel cuffs is perfect for commercial or residential use.

With swivel cuffs
Size: 1.5" x 50'
Comp No.: NC195.....$60.75 /ea.

With cuffs
Size: 2" x 50'
Comp No.: PB045.....$69.95 /ea.

POOL & SPA PRODUCTS

Tools & Signs

PROFESSIONAL POOL MAINTENANCE TOOLS

DESCRIPTION	COMPUTER NUMBER	SIZE	PRICE EACH $
Floating Feeder for 1" Chlorine Tablets or Bromine Tablets	KS045	-	12.50
Floating Feeder for 1" or 3" Chlorine Tablets or Bromine Tablets	KS046	-	10.95
Pool Pal Commercial Leaf Skimmer UV-resistant black polypro mesh bag. (should be used with pool pole below)	KS059	-	23.50
Red Baron Leaf Rake Contoured black UV-resistant polypro bag with reinforced sides, gold anodized handle. (should be used with pool pole below)	KS061	-	56.86
Spa Brush #2003 Features gentle PVC bristles, aluminum Kwik Fit handle, (should be used with pool pole below)	KS050	9"	13.10
Standard Curved Wall Brush Curved aluminum, nylon bristles, Kwik Fit handle. (should be used with pool pole below)	KS055	18"	17.14
Algae Brush #5000 Stainless steel wire bristles, aluminum Kwik Fit handle. (should be used with pool pole below)	KS056	6.25"	18.90
Floating Thermometer Reads temperatures from 30° to 110° F (0° - 43° C). Heavy duty plastic with shatterproof lens	NC190	-	8.95
Pool Pole – economy, 16' aluminum, 1-piece	NC170	16"	24.00
Pool Pole – deluxe telescopic, 2-piece 8-15' aluminum, 2-piece	NC175	8' to 15'	27.00

KS045

KS046

KS059

KS061

KS050

KS055

KS056

NC190

NC170

NC175

SAFETY PRODUCTS

Rope Hooks for 0.75" Rope – chrome plated brass
Stock No.: PH-53.....**$21.95** /ft.

Safety Rope – per foot, for use with rope hooks and floats
Size: 0.75" • **Stock No.: 12P3**.....**$1.25** /ft.

Blue/White Rope Floats: **Size:** 5" x 9"
Comp No.: KS115.....**$8.95** /ea.

25" Lifesaver: Size: 25" – residential only
Comp No.: KO005.....**$54.50** /ea.

Heaving Line Rope – for use with lifesaver
Size: 0.25"x 50 • **Stock No.:** 42E3
Comp No.: E.4984.....**$14.95** /ea.

24" USCG Approved Lifesaver – commercial application: Hotels, Motels, Spa, Apartments, Condos, etc.
Stock No.: CAJG24 • **Comp No.: E.4944**.....**$74.00** /ea.

12P3 / E.4984

KS115

KO005 / E.4944

POOL & SPA SIGNS

Local health departments require some type of safety signage around the pool. Here are our most requested signs.

DESCRIPTION	COMPUTER NUMBER	SIZE (H X W)	PRICE EACH $
Occupant Capacity Sign – red on white	KS080	12" x 18"	12.50
Emergency Phone Numbers Sign – red on white	KS170	12" x 18"	12.50
Warning: No Lifeguard on Duty Sign – red and blue on white	KS095	18" x 24"	19.00
Pool Rules Sign – blue on white	KS155	24" x 18"	19.00
Artificial Respiration Sign – red and blue on white	KS172	24" x 18"	19.03
No Diving Allowed Sign – red on white	KS085	12" x 18"	12.50
Spa Rules Sign – blue on white	KS190	24" x 18"	14.95

KS170

KS155

KS095

KS085

KS172

KS190

www.blueribbonsupply.com

POOL & SPA PRODUCTS

PATCHING SUPPLIES

George L. Throop pool plaster repairs broken or deteriorating plaster above or below the water. It is an all-purpose white waterproof cement compound that is fast setting and stronger than concrete and can be applied under water. 2.5 lbs. covers 32 cu. inches.

George L. Throop Pool Plaster Repair
Color: white • **10 pound pail**.....**$45.95 /ea.**

TIME CLOCKS

Intermatic time clocks come with rain tight housings.

110 Volt, 40 amp maximum, 2 hp maximum
Stock No.: T101P3.....**$89.95 /ea.**

220 Volt, 40 amp maximum, 5 hp maximum
Stock No.: T104P3.....**$99.95 /ea.**

T101M, replacement mechanism only – 110 Volt
Stock No.: T101M.....**$64.95 /ea.**

T104M, replacement mechanism only – 220 Volt
Stock No.: T104M.....**$74.95 /ea.**

INTERMATIC DIGITAL TIMER CONTROL

Designed for aftermarket and retro-fit applications, the P1353ME has the ability to program up to three different circuits and snap into almost any Intermatic enclosure. Choose between five pre-programmed modes of operation, which include single speed pump or 2-speed pump/cleaner pump combinations. In addition, programmed modes that include auxiliaries can control pumps up to 3 HP as well as underwater, garden and/or fountain lighting. Countdown and Override features allow cycle interruptions.

P1353ME – 220 Volt
Stock No.: E.5863.....**$275.36 /ea.**

POOL ALARM

Battery operated and easy to install, just place on deck and set the sensitivity control. Complete with remote transmitter to provide a wireless alert at operating distances up to 200 feet.

Poolguard Pool Alarm
Stock No.: LXRM.....**$229.95 /ea.**

SMARTPOOL POOLEYE ALARMS

PoolEye™ alarms are equipped with subsurface wave detection, the most advanced pool alarm technology available. Pool-Eye™ alerts you to accidental falls into the pool and unwanted pool intrusion while eliminating false alarms from wind, rain, falling leaves, etc. It detects objects weighing 15 lb. or more entering the pool, and all models feature adjustable sensitivity. A PoolEye™ alarm is an essential addition to any pool for safety.

SMPPE21　　**SMPPE22**　　**Remote**

PoolEye IG Alarm with Remote
Stock No.: SMPPE21.....**$149.95 /ea.**

PoolEye IG Alarm with Perimeter Infrared Detection
Stock No.: SMPPE22.....**$199.95 /ea.**

DFC DECK-O-SEAL

Constructing or remodeling a swimming pool means there must be expansion joints between areas of concrete, coping, cantilever deck and tile. Use Deck-O-Seal in these joints to tightly seal and waterproof. Sold as a packaged kit, each kit contains base, catalyst, stir stick and applicator bottle. Both sizes available in white, black, tan, or grey.

Size: 96 ounce kit.....**$75.00 /ea.**
Size: 11 ounce cartridge.....**$29.00 /ea.**

TILE GROUT

Now a quick, easy and inexpensive way to repair your tile grout without having to regrout all of your tile.

Color: white
Size: 5 pound pail.....**$18.95 /ea.**

WATER AUTOFILL

Autofill automatically maintains water level and eliminates worries about equipment damage due to low water levels.

Color: white
Stock No.: 1953-J.....**$79.95 /ea.**

JANDY NEVER LUBE VALVES

No grease seal. 5 year warranty.

2 port Jandy Never Lube valves – 1.5" x 2"
Stock No.: E.5395.....**$48.95 /ea.**

2 port Jandy Never Lube valves – 2" x 2.5"
Stock No.: 4716.....**$54.95 /ea.**

3 port Jandy Never Lube valves – 1.5" x 2"
Stock No.: 4715.....**$56.95 /ea.**

3 port Jandy Never Lube valves – 2" x 2.5"
Stock No.: E.5860.....**$58.95 /ea.**

FLOWMETERS

For 1.5" PVC pipe 20-100GPM
Stock No.: ROL543700.....**$42.95 /ea.**

For 2" PVC pipe 40-140GPM
Stock No.: RLA570351.....**$47.95 /ea.**

POOLGUARD DOOR ALARM

The Poolguard Door Alarm can be used on most doors providing access to the pool. When a door is opened, an alarm sounds in 7 seconds if the adult pass through feature is not used, even if the door is closed. The alarm will continue to sound until an adult can reset.

• Complies with all building codes and UL Listed under UL 2017
• Horns are 85 dB at 10 feet
• Audible low battery indicator
• 6 ft. of UL approved hookup wire, sensor switch & sensor magnet designed for gates

Poolguard Door Alarm
Stock No.: PBMDAPT.....**$59.95 /ea.**

POOL & SPA PRODUCTS

SELECTING THE CORRECT SIZE REPLACEMENT UNDERWATER LIGHT

When buying a replacement for your underwater light,
check the following:
1. Manufacturer's name
2. Voltage (120V or 12V)
3. Wattage
4. Length of cord (from light to junction box)
5. The size of the light (determined by the diameter of the face rim)

10¾"   10"   9"

Hayward   **American Products/Pentair**   **Swimquip**
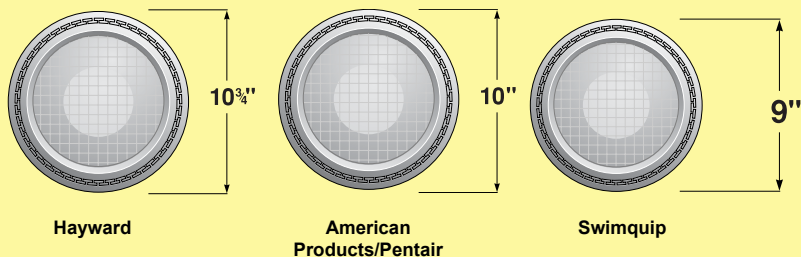
POOL LIGHTS

DESCRIPTION	COMPUTER NUMBER	STOCK NUMBER	PRICE EACH $
Pentair/Amerlite Pool Light – 300 watt, 120 volt with 30' cord	E.6777	784241	130.00
Pentair/Amerlite Pool Light – 300 watt, 120 volt with 50 cord		782481	149.00
Pentair/Amerlite Pool Light – 500 watt, 120 volt with 30' cord	E.4958	784541	149.00
Pentair/Amerlite Pool Light – 500 watt, 120 volt with 50' cord		784581	169.00

Pentair Spectrum Amerlite (Sam) Pool Light
Features include a rotating color wheel and two 3,000 hour tungsten halogen bulbs. Color wheel can be controlled with a single toggle switch or Compool/Pentair switch in the house or by the pool equipment. Also works with other control systems. Delivers white light comparable to a 300 watt Amerlite.

DESCRIPTION	COMPUTER NUMBER	STOCK NUMBER	PRICE EACH $
Stainless Steel Face Amerlite Sam Pool Light – 300 watt, 120 volt with 30' cord		PEN600015	445.25
Stainless Steel Face Amerlite Sam Pool Light – 300 watt, 120 volt with 50' cord	E.5511	PEN600016	465.25
Stainless Steel Face Aqualight Sam Spa Light – 35 watt, 120 volt with 30' cord		PEN640000	400.00
Stainless Steel Face Aqualight Sam Spa Light – 35 watt, 120 volt with 50' cord		PEN640001	420.00

Please call for prices on other size cords. Low volt lights also available.

Pentair/Amerlite Niches for Gunite Pools			
Plastic Niche – with 1" conduit socket		792067	35.95
Stainless Steel Niche – 3/4" conduit socket		782104	55.00
Stainless Steel Niche – 1" conduit socket		782105	55.00

Pentair/Junction Boxes			
Junction Boxes – "UL" brass with lexan lid: 1/2"x1/2"x1/2"		783105	18.55
Junction Boxes – "UL" brass with lexan lid: 3/4"x3/4"x3/4"		783106	18.55
Junction Boxes – "UL" brass with lexan lid: 3/4"x1"x3/4"		783107	21.50

Pentair/Amerlite Pool Light

Stainless Steel Face Amerlite Sam Pool Light

Stainless Steel Niche

Plastic Niche

REPLACEMENT LIGHT BULBS

DESCRIPTION	COMPUTER NUMBER	STOCK NUMBER	PRICE EACH $
100 watt, 120 volt incandescent bulb for Spa Brite		40924	6.45
100 watt, 12 volt incandescent bulb for Spa Brite		40920	11.75
300 watt, 12 volt standard base floodlamp	E.5966	40928	24.95
300 watt, 120 volt standard base floodlamp	E.5989	40932	15.45
400 watt, 120 volt "round stubby" bulb		40936	12.95
400 watt, 120 volt standard base floodlamp		40940	19.95
500 watt, 130 volt standard base floodlamp	E.5354	40944	19.95
100 watt, 120 volt quartz lamp for AP Aqualite		791125	49.95
250 watt, 120 volt quartz lamp for AP Aqualite		791127	49.95
18 watt, 12 volt incandescent bulb for Pentair/Purex Sunstar above ground pool light		70520	19.95
18 watt, 12 volt Pentair/Purex Sunglo quartz lamp		70521	11.95
100 watt, 120 volt quartz lamp for Pentair/Purex Sunlite pool light – twist-lock (pre-1989)		70517	34.95
250 watt, 120 volt quartz lamp for Pentair/Purex Sunlite pool light – twist-lock (pre-1989)		70518	34.95
250 watt, 120 volt quartz lamp for Pentair/Purex Sunlite pool light – mini cam (screw in, post-1989)		70514	34.95
100 watt, 120 volt quartz lamp for Pentair/Purex Sunlite pool light – mini cam (screw in, post-1989)		70515	34.95
300 watt, 120 volt Pentair/Purex Sunsaver quartz lamp		74588	14.95
500 watt, 130 volt Pentair/Purex Sunsaver quartz lamp	E.5289	74589	14.95

70517

70514

40936

40928

POOL & SPA PRODUCTS

HAYWARD MAX-FLO PUMPS

Hayward Max-Flo pumps set a new standard of value combining maximum performance and economy with an energy efficient motor and durable corrosion-proof materials. Suitable for light commercial and residential pool and spa applications.

1.5" inlet and outlet, 4" trap, 0.5 h.p.(max-rated), 115 volt
Stock No.: SP2800X5.....$250.00 /ea.

1.5" inlet and outlet, 4" trap, 0.75 h.p.(max-rated), 115/230 volt
Stock No.: SP2805X7.....$300.00 /ea.

1.5" inlet and outlet, 4" trap, 1 h.p.(max-rated), 115/230 volt
Stock No.: SP2807X10.....$350.00 /ea.

1.5" inlet and outlet, 4" trap, 1.5 h.p.(max-rated), 115/230 volt
Stock No.: SP2810X15.....$400.00 /ea.

1.5" inlet and outlet, 4" trap, 2.0 h.p.(max-rated), 115/230 volt
Stock No.: SP2815X20.....$450.00 /ea.

A. O. SMITH REPLACEMENT MOTORS

We believe that A. O. Smith make the best motors available. Some of the motors listed below are energy efficient and can save up to 12% of your electric bill, making them an even better choice.

A. O. Smith C-Framed Keyed Motors

0.5 h.p., keyed, 115/230 volt
Stock No.: SSK1052.....$110.55 /ea.

0.75 h.p., keyed, 115/230 volt
Stock No.: SSK1072.....$125.00 /ea.

1 h.p., keyed, 115/230 volt
Stock No.: SSK1102.....$140.00 /ea.

1.5 h.p., keyed, energy efficient, 115/230 volt
Stock No.: SSK1152.....$172.00 /ea.

2 h.p., keyed, energy efficient, 230 volt
Stock No.: SSK1202.....$215.50 /ea.

3 h.p., keyed, energy efficient, 230 volt
Stock No.: SSK1302.....$300.00 /ea.

A. O. Smith Square Flange Motors

0.5 h.p., threaded, 115/230 volt
Stock No.: SSQ1052.....$115.50 /ea.

0.75 h.p., threaded, 115/230 volt
Stock No.: SSQ1072.....$150.50 /ea.

1 h.p., threaded, 115/230 volt
Stock No.: SSQ1102.....$165.00 /ea.

1.5 h.p., threaded, energy efficient, 230 volt
Stock No.: SSQ1152.....$190.00 /ea.

2 h.p., threaded, energy efficient, 230 volt
Stock No.: SSQ1202.....$239.00 /ea.

A. O. Smith C-Frame STD Threaded Shaft Motors

0.5 h.p., threaded, 115/230 volt
Stock No.: SST1052.....$115.00 /ea.

0.75 h.p., threaded, 115/230 volt
Stock No.: SST1072.....$130.00 /ea.

1 h.p., threaded, 115/230 volt
Stock No.: SST1102.....$145.00 /ea.

1.5 h.p., threaded, 115/230 volt
Stock No.: SST1152.....$185.00 /ea.

2 h.p., threaded, 230 volt
Stock No.: SST1202.....$232.65 /ea.

3 h.p., threaded, 230 volt
Stock No.: SST1302.....$305.00 /ea.

HAYWARD NORTHSTAR PUMPS

Hayward NorthStar pumps are designed for today's most demanding installations. The NorthStar is performance-designed to maximize flow and minimize noise. The North-Star features a high efficiency motor, CPCC unions, rugged one-piece strainer housing molded of corrosion-proof PermaGlass XL, and a massive 220 cubic inch basket.

Single Speed

2" inlet and outlet, 0.75 h.p.(full-rated), 115/230 volt
Stock No.: SP4007NS.....$380.00 /ea.

2" inlet and outlet, 1 h.p.(full-rated), 115/230 volt
Stock No.: SP4010NS.....$419.95 /ea.

2" inlet and outlet, 1.5 h.p.(full-rated), 115/230 volt
Stock No.: SP4015NS.....$450.00 /ea.

2" inlet and outlet, 2 h.p.(full-rated), 230 volt
Stock No.: SP4020NS.....$519.95 /ea.

2" inlet and outlet, 3 h.p.(full-rated), 230 volt
Stock No.: SP4030NS.....$650.00 /ea.

Dual Speed

The benefits of utilizing a 2-speed pump are as follows:
- Your pump will run more quietly
- Your pump will run cooler, potentially extending the motor life
- Your pump will use about 1/2 the electricity of your existing single-speed pump
- Your filter will work more efficiently, for most filter types
- Your pool water will circulate through the filter for more hours per day
- You can save as much as 50% on pumping energy cost, and
- You may qualify for a $100.00 rebate from PG&E*

(*Please visit www.pge.com res/rebates for rebate program requirements.)

NorthStar Pump – 2" inlet and outlet, 1.5 h.p.(full-rated), 115/230 volt
Stock No.: SP4015.....$599.95 /ea.

NorthStar Pump – 2" inlet and outlet, 2 h.p.(full-rated), 230 volt
Stock No.: SP4020.....$695.95 /ea.

PENTAIR STA-RITE PUMPS

Suitable for commercial and residential pool and spa applications.

Max-E-Glas I Energy Efficient Pump

2" inlet and outlet, 0.75 h.p.(full-rated), 115/230 volt
Stock No.: PE5CL.....$365.00 /ea.

1.5" inlet and outlet, 5" trap, 0.75 h.p.(full-rated), 115/230 volt
Stock No.: PE5DL.....$400.00 /ea.

1.5" inlet and outlet, 5" trap, 1 h.p.(full-rated), 115/230 volt
Stock No.: PE5EL.....$450.00 /ea.

Max-E-Pro I Energy Efficient Pump

2" inlet and outlet, 6" trap, 1 h.p.(full-rated), 115/230 volt
Stock No.: PGE6E.....$375.00 /ea.

2" inlet and outlet, 6" trap, 1.5 h.p.(full-rated), 230 volt
Stock No.: PGE6F.....$399.00 /ea.

2" inlet and outlet, 6" trap, 2 h.p.(full-rated), 230 volt
Stock No.: PGE6G.....$450.00 /ea.

2" inlet and outlet, 6" trap, 3 h.p.(full-rated), 230 volt
Stock No.: PGE6H.....$599.00 /ea.

POOL & SPA PRODUCTS

PENTAIR INTELLIFLO® HIGH PERFORMANCE PUMP
The Intelligent pool pump that changes all the rules. A breakthrough in energy-efficiency and service life.

Reduce energy cost by as much as 90%!
IntelliFlo constantly monitors water flow and electrical current, making sure that the filtration system is operating at peak efficiency.

INTELLIFLO 4X160
It is the first programmable, variable speed technology pump and provides typical energy saving of 30% annually.
Four different speed programming (each between 400 and 3,450 RPM) for different jobs. Service life of critical parts is dramatically extended because the pump is always working at peak efficiency.

IntelliFlow 4x160 - 230 volt
Stock No.: 011013.....**$1,095.00 /ea.**

INTELLIFLO 3.2 KW
It uses as little as 1/10th horsepower or about 100 watts of electricity compared to other regular pumps that typically consume 2600 watts. Super quiet and produces just 7-10 decibels which is about half of the sound of a whisper. It tells you when your filter is dirty and needs to be cleaned. This pump is built in blockage detection and safety shut-off along with totally enclosed design, assuring long equipment life. It also senses loss of prime, overheating, freezing temperatures and voltage irregularities and automatically adjusts to protect itself from potentially harmful conditions. The new IntelliFlo delivers a level of cost-efficiency previously unheard of in swimming pool pumps. That's because of a revolutionary new motor and built-in microprocessor that programs IntelliFlo to work at the EXACT level - and no harder. The result is saving in energy consumption.
Features:
• Displays inform you of run time, mode and current status
• It tells you when and how to backwash your filter media
• Manual mode lets you override programming and run the pump using RPM or flow setting of your choice
• Programming is push-button. Easy, simple menus lead the way
• Capable of linking and communicating with IntelliTouch control systems for even greater automation possibilities. Plus, IntelliFlo provides these expanded control capabilities while achieving levels of energy and cost-efficiency never available before.

IntelliFlo 3.2 KW - 230 volt
Stock No.: 011012
Comp No.: E.6586.....**$1,495.00 /ea.**

INTELLICOMM COMMUNICATION CENTER
The Pentair IntelliComm communication center provides automatic control of IntelliFlo and IntelliFlo-4 pump. The IntelliComm provides four pairs of input terminal connections. These input connections are actuated by either 15 VAC to 240 VAC or 15 VDC to 100 VDC from the source device such as an automation controller, heater, or heat pump. Using the device's inputs, the four IntelliFlo external control programs can be enabled. If more than one input is active, the highest program number will be communicated to the IntelliFlo pump. The IntelliComm will always be configured to communicate to pump address number 1.
The IntelliFlo pump (P/N 011012) is programmed to run at a certain flow rate for each external control input whereas the IntelliFlo 4 (P/N (011013) is programmed to run at a specific speed for each input.

IntelliComm Communication for IntelliFlo & IntelliFlow 4 Pump
Stock No.: PN/520641.....**$495.00 /ea.**

HOW TO CHOOSE A HEATER FOR YOUR POOL OR SPA

How to Choose a Heater for Your Pool   FYI

Using the sizing chart below to choose the correct size heater:

First, determine the difference between the desired pool temperature and the average air temperature during the coldest month you will be using your pool (referred to in the Heater Table as "Temperature Difference").

Second, calculate the surface area of the pool in square feet.

Third, refer to the heating table below. Listed are the maximum pool surface areas for each heater model with typical temperature differences. Make the appropriate selection.

How to Choose a Heater for Your Spa   FYI

To determine which size heater to specify, first identify the number of gallons your spa holds. Decide the heat-up time which is most consistent with your lifestyle, and then note on the chart below the size heater necessary to achieve that. The chart indicates the approximate time required to raise spa temperature 30˚F.
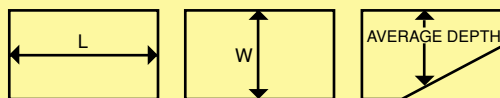
Note: there is a significant difference in heating time for the various size heaters.

Sizing Chart for Pool Heater*   FYI

BTU SIZE (000)	125	175	250	325	400
Temp. Diff		(Maximun Pool Surface Area (Sq.Ft.)			
15˚F	667	933	1333	1733	2133
20˚F	500	700	1000	1300	1600
25˚F	400	560	800	1040	1280
30˚F	333	467	667	867	1067
35˚F	286	400	571	743	914

* Sizing Chart is based on 3-1/2 m.p.h. average wind and average pool depth of 5.5 feet.

Sizing Chart for Spa Heater   FYI

BTU SIZE (000)	5.5 KW (18766 BTU)	11 KW (37532 BTU)	50	125	175	250	325	400
Spa Size (gal.)	Time to Heat Spa 30˚F (minutes)							
200	160	80	75	30	21	15	12	9
300	240	120	115	45	32	23	17	14
400	-	160	150	60	43	30	23	19
500	-	200	190	75	54	38	29	23
600	-	240	225	90	64	45	35	28
700	-	-	-	105	75	53	40	33
800	-	-	-	120	86	60	46	37
900	-	-	-	135	96	68	52	42
1000	-	-	-	150	107	75	58	47

How to Calculate Pool Size   FYI

Step 1: Determine Average Pool Depth
(Depth of Deep End)___ft. + (Depth of Shallow End)___ft. =___ft. % 2 = ____ft.
(Average Pool Depth)
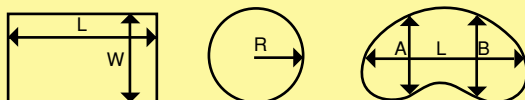
Step 2: Determine Capacity of Your Shape Pool
Square or Rectanle: Length___ft. x Width___ft. x Average Depth___ft. x 7.5 = gallons (Volume)

Circular: Diameter___ft. x Width___ft. x Diameter___ft. x Average Depth x 5.9 = gallons (Volume)

Oval: Long Diameter___ft. x Short Diameter___ft. x Average Depth___ft. x 5.9 = gallons (Volume)

How to Calculate Spa Size   FYI

Determine your spa capacity in gallons

Surface Area (L x W) x Average Depth x 7.5

SPA & HOT TUB ELECTRIC HEATERS

Raypak spa/hot tub heater, side mounting, with 1.5" inlet/outlet water connections.

Raypak 5.5 kw – 220 volt electric heater
Stock No.: ELS-555-2.....**$515.00*** /ea.

Raypak 11 kw – 220 volt electric heater
Stock No.: ELS-1102-2.....**$565.00*** /ea.

(*These prices are for will call pickup only. Delivery charge for all electric heaters is $25.00 in our local delivery truck area.)

RAYPAK LAARS SPA & HOT TUB GAS HEATERS

Ideal for bathtub, small in-ground and portable spas. 1.5" bronze headers. Please purchase the corresponding indoor or outdoor vent top when ordering.

055 Versa Spa Heater, 55 MBTU
Propane, millivolt, standing pilot light
Stock No.: 004684.....**$760.00*** /ea.

Natural Gas, Electronic Ignition
Stock No.: 004686.....**$850.00*** /ea.

Additional Charge for Indoor Vent Top – for indoor installation
Stock No.: 003722.....**$49.95*** /ea.

Additional Charge for Outdoor Vent Top – for outdoor installation
Stock No.: 003709.....**$49.95*** /ea.

(*These prices are for will call pickup only. Delivery charge for all gas heaters is $50.00 in our local delivery truck area.)

PENTAIR / STA-RITE MAX-E-THERM SPA, HOT TUB & POOL GAS HEATER

Built to outperform all other pool & spa heaters on the market today, the Max-E-Therm features a rust proof exterior, two temperature settings displayed in either F˚ or C˚, weatherproof touch controls and weatherproof digital display that can rotate to six different positions to accommodate all plumbing configurations. Full diagnostic lights help troubleshoot problems and the Max-E-Therm's small size and light weight aid in installation. For indoor installations, purchase vent pipe separately, can be vented either horizontally or vertically.

Max-E-Therm

SR200NA Dual Thermostat, 200,000 BTU
Stock No.: SR200NA.....**$1,621.00*** /ea.

SR333NA Dual Thermostat, 333,000 BTU
Stock No.: SR333NA.....**$1,821.00*** /ea.

SR400NA Dual Thermostat, 400,000 BTU
Stock No.: SR400NA.....**$2,000.00*** /ea.

SR400HD Dual Thermostat, Cypro Nickle Heat Exchanger, 400,000 BTU
Stock No.: SR400MD.....**$2,202.55*** /ea.

Additional Charge for Indoor Vent Pipe Kit – for indoor installation
Stock No.: -.....**$125.00*** /ea.

(*These prices are for will call pickup only. Delivery charge for all gas heaters is $50.00 in our local delivery truck area.)

POOL & SPA PRODUCTS

POOL & SPA PRODUCTS

RAYPAK SPA, HOT TUB, & POOL GAS HEATERS

One look at the new revolutionary Raypak RP2100 pool/spa heater will tell you it is state-of-the-art... inside and out. Located on the RP2100's easy-to-read control panel is a clever display of self-diagnostic LED lights to let you quickly pinpoint and correct minor problems. Behind the front panel is an even more comprehensive array of service diagnostics to immediately direct technicians to the source of trouble. The RP2100's exterior PolyTuf coating means no cracking, scratching, peeling or fading. Performance is further enhanced by Raypak's "pagoda top" designed to keep the RP2100 operational even in extreme wind conditions and downdrafts. Models are rated at 80% efficiency. The best part of all is Raypak stands behind its reliability with a remarkable, five year parts and labor limited warranty on the heater cabinet, burner tray (less controls) and combustion chamber. The remainder of the heater is warranted for parts and labor for two full years. Replacement parts for Raypak and other heaters are available. Equipped with outdoor top. For indoor installations, purchase drafthood separately.

Digital w/capron header and electronic ignition

Stackless (outdoor), 206,000 BTU
Stock No.: 009216.....$1,448.00* /ea.

Stackless (outdoor), 266,000 BTU
Stock No.: 009217.....$1,615.00* /ea.

Stackless (outdoor), 336,000 BTU
Stock No.: 009218.....$1,828.00* /ea.

Stackless (outdoor), 406,000 BTU
Stock No.: 009219.....$2,000.00* /ea.

Additional Charge for Indoor Drafthood – for indoor installation
Stock No.: various.....$70,00*/ea.

(*These prices are for will call pickup only. Delivery charge for all gas heaters is $50.00 in our local delivery truck area.)

JANDY/TELEDYNE/ LAARS LITE 2 SPA, HOT TUB, AND POOL GAS HEATERS

Features reversible heat exchanger to permit installation with water connections on either side of the heater. Now 30% lighter and rated at 80% plus efficiency. Constant flow valve prevents scale buildup in the heat exchanger. Tile-free combustion chamber-20% lighter, no fireman switch required and no heat sinks. New top design maintains reliable performance in all wind conditions. LLD Model offers self-cleaning, instant hot surface ignition which provides quick-start-up every time & prevents sooting & burning. Encapsulated controls protects thermostats from corrosion & shorting. Temp-Lok allows you to set a maximum temperature and lock it in. 5 year limited warranty. Replacement parts for Teledyne Laars and other heaters are available. Equipped with outdoor top. For indoor installations, purchase drafthood separately.

LAARS Lite L.L.D. with two thermostats, Stackless (outdoor)

LLD-125 cast iron headers, 125,000 BTU
Stock No.: LLD125.....$995.00* /ea.

LLD-175 cast iron headers, 175,000 BTU
Stock No.: LLD175.....$1,395.00* /ea.

LLD-250 cast iron headers, 250,000 BTU
Stock No.: LLD250.....$1,495.00* /ea.

LLD-325 cast iron headers, 325,000 BTU
Stock No.: LLD325.....$1,745.00* /ea.

LLD-400 cast iron headers, 400,000 BTU
Stock No.: LLD400.....$1,895.00* /ea.

Additional Charge for Indoor Drafthood for LAARS Lite 2
Stock No.: various.....$49.95 /ea.

(*These prices are for will call pickup only. Delivery charge for all gas heaters is $50.00 in our local delivery truck area.)

JANDY / TELEDYNE / LAARS LX HOT TUB AND POOL HEATER

Advanced digital controls and simple operations make this the heater of the future. Plus, it's the first Heater that can talk directly to a Jandy AquaLink RS controller. User-friendly Graphical User Interface(GUI) lets you make precise adjustments and perform complete diagnostics with the touch of a button. Corrosion-resistant polymer construction produces greater flow capacity, longer heater life and improved pool circulation. Fan-assisted, controlled combustion provides consistent efficiency in any weather condition. Low-profile design and small footprint make this heater ideal for locations with limited space. Low NOx, meets all clean air standards.

Jandy Teledyne LAARS LX, 250,000 BTU
Stock No.: WATLX250NL.....$1,799.00* /ea.

Additional Charge for Indoor Drafthood Collar for LAARS LX250 – for indoor installation
Stock No.: R0331403.....$79.95* /ea.

Jandy Teledyne LAARS LX, 400,000 BTU
Stock No.: WATLX400NL.....$2,099.00* /ea.

Additional Charge for Indoor Drafthood Collar for LAARS LX400 – for indoor installation
Stock No.: R0331405.....$79.95* /ea.

(*These prices are for will call pickup only. Delivery charge for all gas heaters is $50.00 in our local delivery truck area.)

OZONE GENERATORS

One of the main advantages of ozone generators is to enjoy amazingly clear and clean swimming pool or spa water without traditional chemicals. However, you may choose to operate your ozone generators with a secondary sanitizer. If so, we recommend a combination of ozone with a periodic dosing of non-stabilized chlorine for times of heavy bather load and algae control. Non-stabilized chlorine dissipates in less than 24 hours, leaving the pool chlorine-free.

Other choices for secondary sanitizers include bromine or stabilized chlorine. Additionally, ozone reduces or eliminates the formation of chloramines which cause eye and skin irritation as well as undesirable odor.

PZII-2   Eclipse-1

DESCRIPTION	STOCK NUMBER	PRICE EACH $
Delzone Ozone Generator	SpaEclipse	199.95
Del Injector Manifold – for 1 speed pumps	IU206	250.00
Del Injector Manifold – for 2 speed pumps	IU201	275.00
– for spas up to 1,000 gallons and pools up to 7,000 gallons, 110 Volt, includes IU206 injector		
Delzone Ozone Generator	Eclipse-1	559.95
– for spas up to 1,000 gallons and pools up to 7,000 gallons, 110 Volt, includes IU206 injector		
Delzone Ozone Generator	Eclipse-2	799.95
– for spas up to 2,000 gallons and pools up to 15,000 gallons, 110 Volt, includes IU206 injector		
Delzone Ozone Generator	Eclipse-4	999.95
– for spas up to 3,000 gallons and pools up to 25,000 gallons, 110 Volt, includes IU206 injector		
Prozone Ozone Generator	PZII-1	995.00
– for commercial 1000 gallon spa - 30,000 gallon pool, 110/220 volt		
Prozone Ozone Generator	PZII-2	1395.00
– for commercial 2000 gallon spa - 60,000 gallon pool, 110/220 volt		

HORIZON SOLAR REEL SYSTEMS

Solar reel systems offer you an easy way to remove and replace your cover without a monumental struggle. Used everyday, a solar reel will increase the life of your cover by 30%. Purchasing a solar reel system allows you more time to enjoy your pool, while eliminating unnecessary labor.

Elite Economy Residential Pool Reels

Signature In-Ground Pool Reels

Pro2000 In-Ground Pool Reels

DESCRIPTION	STOCK NUMBER	PRICE EACH $
Elite Economy Residential In-Ground Reels with casters – 12'-20' Expandable from 12 feet to 20 feet tube kit. White styrene frame is poolside stationary with flip-up casters. Maximum pool cover length is 40' long. 2 year warranty.	HV10	439.00
Signature Deluxe In-Ground Reels – Pools up to 18' wide	SIGN-18	449.00
Signature Deluxe In-Ground Reels – Pools up to 20' wide For pools up to 45 feet long. 5 year warranty.	SIGN-20	479.00
Pro2000 In-Ground Pool Reels with 2" casters – 14'-18'	HV200018	529.00
Pro2000 In-Ground Pool Reels with 2" casters – 19'-20'	HV200020	574.95
Pro2000 In-Ground Pool Reels with 2" casters – 21'-22' Maximum pool cover length for all Pro2000 series is 60'. Order a minimum of 2 feet wider than pool. Backed with 7 year warranty.	HV200022	599.00
M-700 Commercial Reel System For pool widths up to 26 feet and 75 feet long. White triangular frame is poolside stationary and has magnetically held casters included. Maximum cover length is 75 feet.	M-700	799.00
Universal Replacement Strap Kit for all Solar Reels Attaches solar cover to reel.	101	35.00

101

M700

RULE SUBMERSIBLE POOL COVER PUMPS

The first computerized submersible pump that is automatically controlled by a self-contained micro comp that checks for water every few minutes. If no water is present, pump will not run. No float switches. Rust and corrosion proof. Perfect for keeping water off of your pool cover. One year limited warranty on materials and workmanship.

Rule Submersible Pumps – 18 feet, 1800 gph maximum output, 24' cord, 1-1/8" discharge with garden hose adapter
Stock No.: A53S-24.....**$169.00** /**ea.**

Hose Adapter Replacement – 1-1/8" outlet to garden hose
Stock No.: 68.....**$8.95** /**ea.**

Rule Pump Carrying Handle
Stock No.: 79.....**$9.95** /**ea.**

CLASSIC WINTER POOL COVERS – Above Ground

Made from exclusive Dupont TFBU woven fabric. 5 year limited warranty.

Above Ground Classic Winter Cover
Cover Size: 15' • **For Pool Size:** 12' • **Stock No.: winter12**.....**$34.00** /**ea.**
Cover Size: 18' • **For Pool Size:** 15' • **Stock No.: winter15**.....**$52.00** /**ea.**
Cover Size: 21' • **For Pool Size:** 18' • **Stock No.: winter18**.....**$60.00** /**ea.**
Cover Size: 24' • **For Pool Size:** 21' • **Stock No.: winter21**.....**$78.00** /**ea.**
Cover Size: 27' • **For Pool Size:** 24' • **Stock No.: winter24**.....**$95.00** /**ea.**

**Inflatable Float** – For use with above pool covers to cause draping effect to drain.
Size: 4' x 4' • **For Pool Size:** all • **Stock No.:** -.....**$13.70** /**ea.**

Water Ejector, Water Hose, and Water Syphon – For removing winter rainwater from on top of cover before removal.
For Pool Size: all • **Stock No.:** -.....**$12.00** /**ea.**

FLOATING SPA COVERS

Floating spa solar blanket covers use the energy of the sun to raise the heat of your spa water temperature by 10 degrees or more in season. Solar blankets will save you money by cutting your heating costs, reducing your water evaporation by 90% (thus saving you chlorine and chemical costs) and help keep your water cleaner. Can easily be cut to fit irregularly shaped spas.

DESCRIPTION	STOCK NUMBER	PRICE EACH $
5' x 5' – Solar Bubble Cover	spa5x5	10.50
6' x 6' – Solar Bubble Cover	spa6x6	15.50
7' x 7' – Solar Bubble Cover	spa7x7	19.50
8' x 8' – Solar Bubble Cover	spa8x8	25.50
9' x 9' – Solar Bubble Cover	spa9x9	30.50
10' x 10' – Solar Bubble Cover	spa10x10	36.00
11' x 11' – Solar Bubble Cover	spa11x11	40.00
12' x 12' – Solar Bubble Cover	spa12x12	45.00

POOL & SPA PRODUCTS
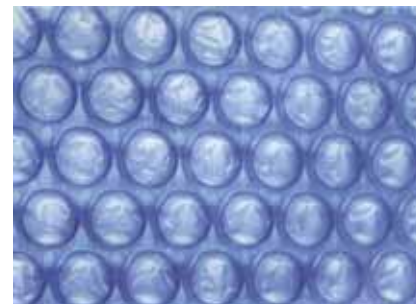
FLOATING POOL COVERS

Floating pool solar blanket covers use the energy of the sun to raise the heat of your pool water temperature by 10 degrees or more in season. Solar blankets will save you money by cutting your heating costs, reducing your water evaporation by 95% (thus saving you chlorine and chemical costs) and help keep your water cleaner. 5 year limited warranty. Can easily be cut to fit irregularly shaped pools.

DESCRIPTION	COMPUTER NUMBER	STOCK NUMBER	PRICE EACH $
12' x 50' – Solar Bubble Cover		pool12x50	175.00
10' x 60' – Solar Bubble Cover		pool10x60	175.00
16' x 16' – Solar Bubble Cover	E6116	pool16x16	75.00
18' x 18' – Solar Bubble Cover	E4980	pool18x8	90.00
20' x 20' – Solar Bubble Cover		pool20x20	115.00
12' x 24' – Solar Bubble Cover		pool12x24	70.00
12' x 28' – Solar Bubble Cover		pool12x28	96.00
24' x 24' – Solar Bubble Cover		pool24x24	155.00
14' x 28' – Solar Bubble Cover	E5203	pool14x28	95.70
12' x 32' – Solar Bubble Cover	E5540	pool12x32	110.00
16' x 24' – Solar Bubble Cover		pool16x24	97.50
16' x 30' – Solar Bubble Cover	E5141	pool16x30	100.00
16' x 32' – Solar Bubble Cover		pool16x32	105.00
16' x 36' – Solar Bubble Cover	E9601	pool16x36	115.00
16' x 40' – Solar Bubble Cover	E8828	pool16x40	130.00
18' x 32' – Solar Bubble Cover		pool18x32	115.00
18' x 36' – Solar Bubble Cover	E4940	pool18x36	130.00
18' x 40' – Solar Bubble Cover	E8821	pool18x40	145.00
20' x 36' – Solar Bubble Cover		pool20x36	145.00
20' x 40' – Solar Bubble Cover	E5178	pool20x40	165.00
20' x 44' – Solar Bubble Cover	E5218	pool20x44	185.00
22' x 42' – Solar Bubble Cover		pool22x42	265.00
22' x 44' – Solar Bubble Cover		pool24x44	255.00
24' x 40' – Solar Bubble Cover	E5766	pool24x40	195.00
24' x 44' – Solar Bubble Cover		pool24x44	215.00
26' x 50' – Solar Bubble Cover		pool26x50	255.00
30' x 50' – Solar Bubble Cover		pool30x50	300.00

FYI

SOLAR COVER BENEFITS...

- Cuts heating bills up to 70%
- Reduces water evaporation up to 90%
- Cuts chemical consumption
- Raises water temperature at least 10 degrees with full sun exposer

SAVE WATER   **FYI**

5,000 to 20,000 Gallons this Year

You will save thousands of gallons of water with a pool cover. If the pool is heated, the heating cost will be reduced 50% or more.

BASIC POOL EVAPORATION CHART

	Weekly Loss	Monthly Loss	Weekly Loss	Monthly Loss	Weekly Loss
SURFACE AREA	½" evaporation / week	½ " evaporation / week	1" evaporation / week	1" evaporation / week	2" evaporation / week
450 sq. ft.	140 gal.	600 gal.	280 gal.	1200 gal.	560 gal.
576 sq. ft.	180 gal.	771 gal.	360 gal.	1542 gal.	719 gal.
648 sq. ft.	202 gal.	865 gal.	405 gal.	1730 gal.	807 gal.
800 sq. ft.	250 gal.	1071 gal.	499 gal.	2142 gal.	999 gal.

EXAMPLE: A 16" x 36" pool with a weekly evaporation rate of ½" will lose 180 gallons a week, or 771 gallons in a month.

Pools differ in evaporation rates due to air heat, shade, water temperature, etc. Arrive at your pool's present rate by marking the tile - then compute the weekly savings.

A POOL COVER REDUCES EVAPORATION BY 90-95%

SOLAR SUN RINGS

The Solar Sun Ring is a passive solar swimming pool heating device made from two sheets of heavyweight U.V. resistant vinyl. The outer air chamber and central air chamber keep the Solar Sun Ring afloat and the two vinyl layers apart creating an insulating air pocket. The upper clear layer focuses the sunlight on the lower layer. The blue layer contains copper to help it absorb about 50% of the sunlight and convert it to heat. The balance of the sunlight is allowed to pass through for deep water heating. Each unit will produce 21.000 BTU per day. At night the air trapped between the two sheets of vinyl acts as an insulating blanket to retain heat gained during the day. The outer edge of Solar Sun Rings is equipped with six magnets that cause the individual rings to raft together. The magnets hold the rings in contact with each other and allows a person to drag the Solar Sun Rings across the pool for easy removal. The magnets do allow the rings to seperate in the case of an accidental tumble into the pool, which helps prevent entrapment issues.
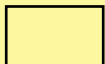
Solar Sun Rings – 60" Pool Cover
Color: Blue • **Stock No.:SSRSSRPN**.....**$29.95 /ea.**

PAINT

POOL POXY II COATING PAINT – Pool, Spa & Fountains High Gloss 2 Part Solvent based Epoxy

For concrete and plaster finishes. Colors are white, black, bahama blue, lake blue and electric blue. Safe for fish and animals. Lasts 5-7 years. Cures in 3-6 days. Covers approximately 275 square feet per gallon.

Nelsonite Pool Poxy II Coating – gallon can
Stock No.: CRC.....**$59.95** /**ea.**

POOL POXY PRIMER & PAINT – Pool, Spa & Fountains

Two-part solvent base epoxy primer for use with all Nelsonite epoxy topcoats. Required for unpainted steel, aluminum, concrete and plaster. Cures in 3-6 days. Covers approximately 250 square feet per gallon.

Poolpoxy Primer, for smooth surfaces – gallon kit
Stock No.: PPP.....**$59.95** /**ea.**

DIVING BOARDS

SR SMITH FIBRE-DIVE FIBERGLASS BOARDS

Diving board with two wood runners. These boards can be used with the Cantilever Jump Stand or the Flyte Deck II Fiberglass Base Stand below. Boards are drilled with two holes, 12" centers. Base not included.

6' x 18" Fibre Dive Board
Color: white • **Stock No.: 66-209-266S2-1**.....**$426.75** /**ea.**
Color: tile blue • **Stock No.: 66-209-266S1-1**.....**$426.75** /**ea.**
Color: marine • **Stock No.: 66-209-266S3-1**.....**$426.75** /**ea.**

8' x 18" Fibre Dive Board
Color: white • **Stock No.: 66-209-268S2-1**.....**$519.75** /**ea.**
Color: tile blue • **Stock No.: 66-209-268S1-1**.....**$519.75** /**ea.**
Color: marine • **Stock No.: 66-209-268S3-1**.....**$519.75** /**ea.**

FIBERGLASS STANDS AND BOARDS

Flyte Deck   **Cantilever**

Use either a Fibre-Dive or Glas-Hide board in combination with the Flyte-Deck II or Cantilever stand to complete unit. Both stands are 1/2 meter and white in color.

Flyte-Deck II Stand with Fibredive Board

With 6' Fibredive Board
Stock No.: 68-209-7362.....**$826.95** /**ea.**

With 8' Fibredive Board
Stock No.: 68-209-7382.....**$955.95** /**ea.**

Camtilever Stand with Fibredive Board

With 6' Fibredive Board
Stock No.: 68-209-5962.....**$1329.75** /**ea.**

With 8' Fibredive Board
Stock No.: 68-209-598L.....**$1655.95** /**ea.**

DIVING BOARD REPAIR KITS

Non-slip coating refinishes your old worn diving board surfaces. Contains one quart of Convoy Epoxy, one textured roller, cover, one pint of solvent, and instructions for easy installation.
Stock No.: U100.....**$79.95** /**ea.**

VINYL POOL REPAIR KIT

If your vinyl pool liner is leaking from a pinhole or a tear, we now have an inexpensive alternative to buying a new vinyl liner. Will work wet or dry.

Vinyl Pool Repair Kit – 2 oz. tube of adhesive and 130 square inches of patching vinyl
Stock No.: 859
Comp No.: E.6365.....**$9.95** /**ea.**

POOL & SPA PRODUCTS