12

Pure Elegance

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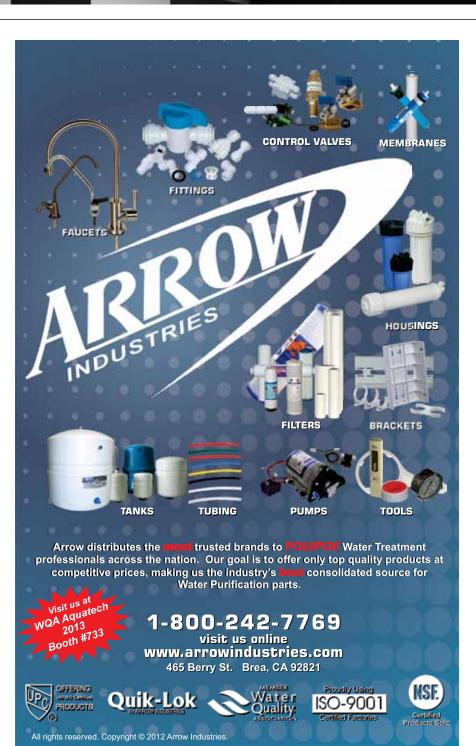
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he water treatment world is getting ready to gather in Indianapolis for WQA Aquatech USA 2013. Focused on the point-of-use/point-of-entry industry for the residential, commercial and industrial markets, the tradeshow is scheduled for April 2 to 5 at the Indianapolis Convention Center.

The exhibition portion of the event will be open from 11 a.m. to 5 p.m. on April 3, and 10 a.m. to 5 p.m. on April 4. It will feature hundreds of exhibitors offering new technologies and solutions, as well as education sessions right on the tradeshow floor.

Education sessions, offered through all four days of the event, will follow seven tracks: commercial water treatment, drinking water, emerging/regulatory issues, fundamentals, industrial applications, residential and Water Quality Assn. (WQA) business training. There will be traditional education sessions and lectures, plus panel discussions and hands-on training.

The event also will offer two educational field trips on Tuesday, April 2. The first, at the Indianapolis Zoo, will focus on the water treatment requirements for the zoo's wildlife, including a walking tour of the exhibits and lunch. The second, a tour of Sun King Brewery, will provide education on the water quality needs of the microbrewery, capped off by a beer sampling. Both field trips require an additional registration fee.

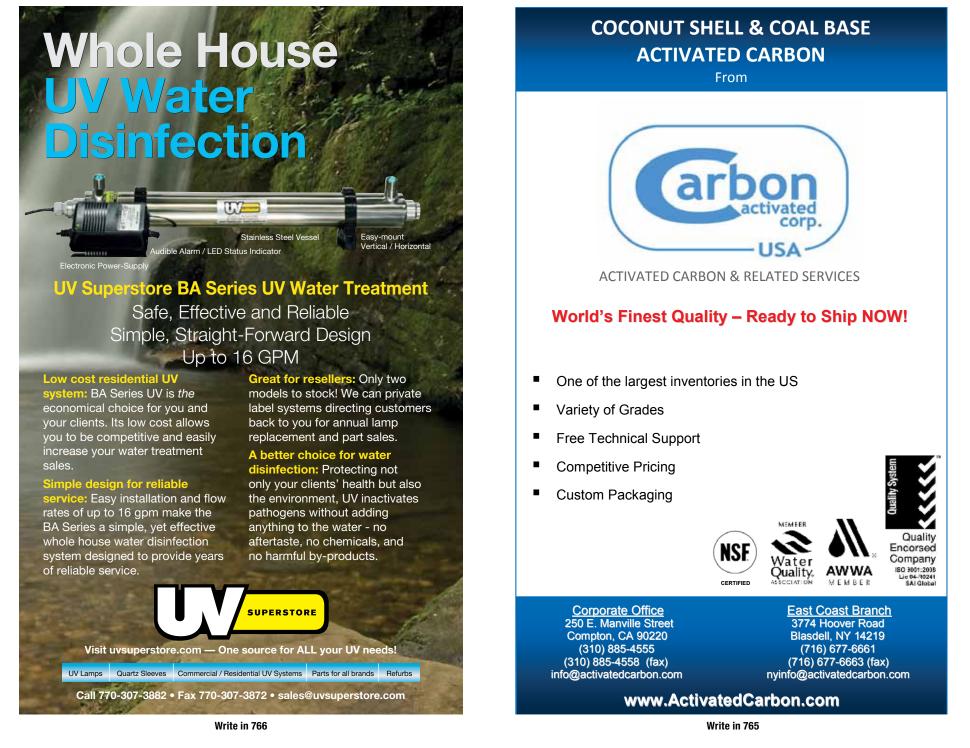
Other features include networking events, including the new Welcome Reception to be held at the NCAA Hall of Champions, certification exams and WQA section meetings.

Be sure to stop by the *Water Quality Products* booth (#1015) to meet the editorial staff and pick up a copy of the magazine. We look forward to seeing you there!

For more information on this subject, contact *Water Quality Products* at wqpeditor@sgcmail.com or write in 1009 on this issue's reader service card.

EVENTS CALENDAR

With so much to do and see at WQA Aquatech USA 2013, the *WQP* editorial staff has done some planning for you. The following is a daily schedule of events that includes meetings, special events and education sessions we feel will fit your interests and needs. This schedule is subject to change. For more information and a complete schedule of events, visit www.wqa-aquatech.com.





10:30 – 11:50 a.m.

Commercial Sizing, Part 1 Learn which questions to ask when sizing a commercial system, then put your skills to the test at the Sun King Brewery Tour Tuesday afternoon.



WQRF Environmental Impact Study – Final Results of Water Softeners Effects on Septic System Performance

This presentation and panel session, led by researcher Dr. John Novak, will present the latest information from the results of this study.

1 – 2:20 p.m.

WQA Issues Update: Technical, Regulatory, Legislative and Marketing

This session will provide a comprehensive overview of current issues for the POU/POE market, including memberdriven legislative outreach efforts.

1 – 3:50 p.m.

Water Treatment Walking Tour at the Indianapolis Zoo

Learn about the water quality requirements for the zoo's wide variety of wildlife. Separate registration fee required; event includes lunch and a walking tour of the exhibits.

1 – 3:50 p.m.

Commercial Water Treatment Sizing at the Sun King Brewery

A follow-up to the Commercial Sizing, Part 1 class, this tour is a chance to learn about the water quality requirements for breweries, as well as sample some of this local microbrewery's product. Attend the Commercial Sizing, Part 2 class on April 3 to put your new knowledge into action. Separate registration fee required.

4:30 – 6 p.m. International Section Meeting

WEDNESDAY, APRIL 3

8 – 8:50 a.m. Industrial Section Meeting

8:30 – 9:20 a.m.

Manufacturer's Forum

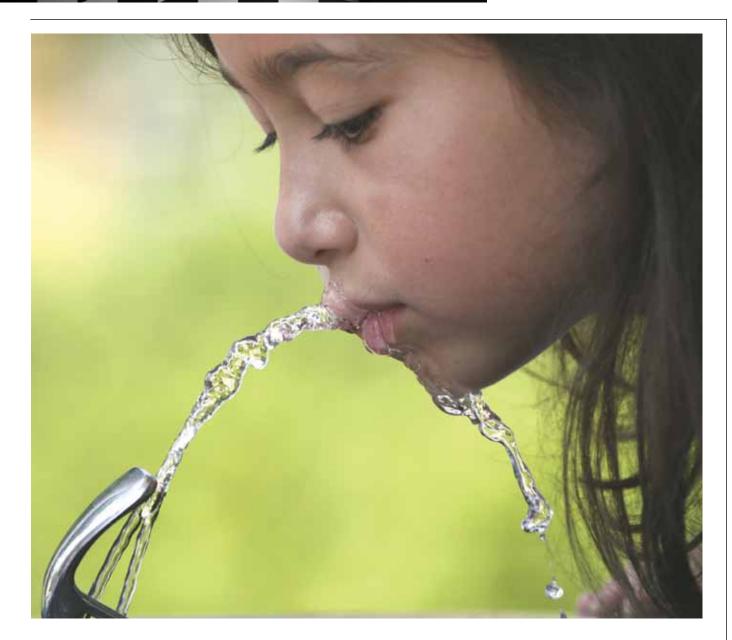
Attend this event to help provide insight on the Final Barrier Initiative, potential collaboration with the U.S. Environmental Protection Agency (EPA) and Centers for Disease Control and Prevention, and more. All are welcome.

8:30 – 9:20 a.m.

Does My Company Really Need a Facebook Page?

Learn how to best use social media to increase business success.

9:30 – 11 a.m. Industry Update/Opening General Session/Keynote This kickoff event will feature an



Together, we can meet the challenges of a changing world.

While more than 70% of the Earth's surface is covered with water, only a small percentage is safe for human consumption. When you add an ever increasing population to agricultural, industrial and process, food and beverage, and life science needs for pure, clean water, the urgency of conserving, reclaiming, and purifying existing fresh water supplies is undeniable.

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industry update, an address by the WQA 2012/2013 president, Dar Watts, CWS-V, and the presentation of the WQA Leadership Awards. Keynote speaker Roger Seip will give a presentation entitled "Use Your Time as It is Meant to be Used."

11 a.m. – 5 p.m. Exhibition

11:30 - 11:55 a.m. **Reduction of Lead in Drinking Water**

Act: Update – USEPA

Jeffrey Kempic of EPA's Office of Ground Water & Drinking Water will discuss the new lead content regulations going into effect in January 2014.

1 – 1:25 p.m.

Government Relations Part 1: Helping Elected Officials Work for Us

Learn techniques on how to work with government officials in this tradeshow floor education session led by WQA's David Loveday.

2 – 2:50 p.m.

Preparing for Industrial Work – Safety Training Needs and Resources

This panel discussion will provide a forum on the common safety training requirements needed when working with commercial or industrial clients.

3:30 – 4:20 p.m. **Commercial Sizing, Part 2**

5:30 - 7:30 p.m.

Welcome Reception: Networking Party at the NCAA Hall of Champions Test out your basketball skills at this brand new networking event that will also feature interactive exhibits, trivia games and prize drawings. Admission is free with a name badge.

THURSDAY, APRIL 4

8 – 8:50 a.m.

Non-Ion Exchange Water Treatment – What Does It Cost and What Can It Deliver?

Learn the basics of non-ion exchange treatment technologies, such as magnetic, electromagnetic, electric and other types of systems.

8:15 - 10:15 a.m.

Dealer Section Meeting This meeting also will include an educational session, "Creating a

Valuable/Sellable Business," followed by a panel discussion.

10 a.m. – 5 p.m. Exhibition

11 a.m. – 12:20 p.m.

Emerging Technologies -**Electrochemical Water Treatment**

As restrictions on traditional water softeners begin to come into effect in some areas of the country, explore three technologies that can provide an alternative.

11:30 – 11:55 a.m.

The Mark of a Professional: Getting, Keeping and Using WQA **Professional Certification**

Learn about the value of WQA certification, as well how the certification process works.

1:30 – 1:50 p.m.

Installation Best Practices: Wowing the Customer This session will discuss how one

company uses excellent customer service to differentiate itself in the marketplace.

2 – 2:50 p.m.

Overcoming Barriers to POU for Small System Compliance

This panel discussion will cover the obstacles small systems face in implementing POU for compliance under EPA regulations, brought to light by Arizona's recent implementation of POU for arsenic treatment.

3 – 3:25 p.m.

Exhibiting at Home Shows Learn how to use home shows to your company's advantage and turn them into lead-generating tools.

FRIDAY, APRIL 5

8 – 9:30 a.m. **WQA Board of Directors**

8 – 11:50 a.m.

Introduction to Water Treatment This basic overview of water treatment provides a good review for those studying for the CWS-I certification exam.

8 - 11:50 a.m.

Blueprint for Growth: Benchmarking & Team Effectiveness

Learn how the process of benchmarking can help lead your business to increased success.

8 - 11:50 a.m.

Commercial/Industrial RO Workshop This ever-popular workshop will review the factors and formulas that go into designing RO systems for commercial and industrial applications. wqp

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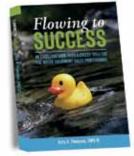
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Control

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nicates with two multi-functional slave valves. The Master Shuttle valve features continuous flow rate readout, unit in operation, gallons remaining, calendar day override and fully adjustable cycles. Its Plug-n-Flow manifold allows the installer to choose between soft or hard water regeneration. Other options, such as soft water refill and up-flow brining, help make it efficient and easy to use. Most parts are interchangeable with current Clearion valves for ease of maintenance. **Clearion Water Technologies** Ashland, OH • 419.281.8962 www.clearionwater.com Booth #101 • Write in 1111

Pump Control

The CF-112 p r o v i d e s on-demand activation of a chemical feed pump. When water



flow is detected, it switches the chemical feed pump on and then shuts it off when flow is stopped. It has a 6-in. power cord that plugs into an outlet, while the pump plugs directly into the control. It can be used for aeration or chlorination, and is available in $\frac{3}{4}$ - to 2-in. pipe sizes.

Harwil Corp. • Oxnard, CA www.harwil.com • 805.988.6800 Booth #1209 • Write in 1112

Water Treatment Consultation

Moti-Vitality provides water t r e a t m e n t consultation, specializing in teaching WQA



certification preparation and hiring and training sales staff and management personnel to take your business to the next level. The company trains by doing, not by telling. It offers "Flowing to Success," a book written by a water treatment sales professional for the water treatment sales professional. Moti-Vitality LLC • Fowlerville, MI 810.560.2788 • www.moti-vitality.com Booth #136 • Write in 1113

Sales Program



The new Dealer Advantage Program is a comprehensive sales package designed to give dealers the tools they need to sell more equipment. The sales tools include test kits, test meter and solutions, educational information and customized marketing materials. Membership also provides dealers with ongoing benefits, including special member discounts, personalized account management, customized reporting and immediate access to newly developed educational or marketing materials.

National Testing Laboratories Ltd. Cleveland, OH • 800.458.3330 www.ntllabs.com • Booth #1235 Write in 1114

Ball Valves

Par-Barb poly propylene ball valves offer solutions for the labowater, ratory

beverage and agriculture markets. Their corrosion-resistant, lead-free, all-plastic design makes them ideal for water filtration units, coffee and beverage machines and a variety of other fluid applications. The polypropylene material meets all FDA and NSF-51 requirements for food contact.

Parker Hannifin Corp. • Otsego, MI 800.272.7537 • www.parker.com Booth #915 • Write in 1115

UF System

The UG-100 POU UF system provides drinking water is on demand with no need for a storage tank. It is an envi-

ronmentally friendly option that sends just a small amount of concentrate water to drain to keep the UF membrane clean. Every time you get a glass of drinking water, the UF membrane is flushed, extending the life of the system.

Payne USA LLC • Temecula, CA 951.296.6136 • www.payneusa.com Booth #939 • Write in 1116

Ice-Making Cooler

The PureWaterCooler PWC-8900 threetemperature bottleless water cooler has a built-in icemaker that makes up to 13 lb of ice per day. Its 2.7-gal water storage capacity uses the existing water source to make a continuous supply of

clean, great-tasting water for offices of up to 50 people. The tall cabinet and large, 10-in.-tall opening make filling bottles and mugs easier. The easy-to-use touch-sensor dispensing buttons and recessed faucet withstand years of use and eliminate hand contact. RO and standard filtration are available. **Vertex Water Products • Montclair, CA** 800.627.2146 • www.vertexwater.com

Booth #314 • Write in 1117

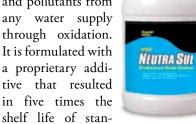
Faucets



work with most instant hot water dispensers and can be adapted for use with RO systems. **Tomlinson Industries** Cleveland, OH • 216.587.3400 www.tomlinsonind.com Booth #1009 • Write in 1118

Water Treatment Chemicals

Pro Neutra Sul is formulated to neutralize the rotten egg smell and pollutants from any water supply through oxidation. It is formulated with a proprietary additive that resulted in five times the



dard 7% hydrogen peroxide in lab tests. Pro Products' testing found that, when stored at 72°F for eight weeks, 7% hydrogen peroxide was 5.83% active hydrogen peroxide, while Neutra Sul remained at 7% strength. When stored at 100°F for eight weeks, Neutra Sul measured 7.11% active hydrogen peroxide while standard 7% hydrogen peroxide measured 3.37% active. Pro Products LLC • Ft. Wayne, IN 866.357.5063 • www.proproducts.com Booth #610 • Write in 1119

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The NSF/ANSI 55 class A-certified UV disinfection series uses a proprietary extended cold-spot lamp design. along with an active temperature-controlled cold-spot cooling fan, resulting in improved lamp output maintenance during stagnant hot water conditions. The microprocessor-controlled UV power source has audio/visual alarm indicators to validate lamp operation and an annual lamp change timer. The UV display indicates actual dose in millijoules per square centimeter at rated flow. UV Dynamics Inc. • London, ON, Canada 519.452.7520 • www.uvdynamics.com Booth #1310 • Write in 1121

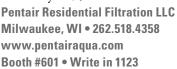
Filters



These filters are built using ResinTech premium ion exchange resins and activated carbon products. Filters are filled fresh from the manufacturing facility to give them maximum shelf life. Each product is individually lot numbered to provide traceability through the company's quality program. Each lot number provides the complete history of a filter, including date of manufacture, assembly location and quality control of the media. **Aries Filterworks, a Div. of ResinTech Inc. West Berlin, NJ • 856.768.9600 www.arieswater.com • Booth #715 Write in 1122**

UF System

The Homespring UF system features UF membrane technology ideal for well, cistern, lake and river water. It offers an optional activated carbon prefilter to improve taste and minimize odors, and provides a continuous supply of water, even during power outages. It is engineered to automatically flush itself clean and features a maximum flow rate of 4.5 gpm and a system efficiency of 95%.





Photometer Kit



The ColorQ DW is a handheld photometer kit for onsite drinking water testing. It digitally measures seven factors: hardness, pH, iron, nitrate, free chlorine, total chlorine and sulfide. The large digital display eliminates the guesswork with traditional visual color-matching methods. A sturdy case contains the meter, test solutions and instructions. LaMotte Co. • Chestertown, MD 410.778.3100 • www.lamotte.com Booth #1017 • Write in 1124

Photometer

The eXact Micro 20 dual-wavelength photometer uses narrow-band wavelength filters for enhanced, accurate results. It features stable LED light sources and a built-in cell that uses a simple patented system for colorimetric analysis. All tests are designed to use an identical 20-second procedure to increase ease of use.

Industrial Test Systems Inc. Rock Hill, SC • 800.861.9712 www.sensafe.com Booth #829 • Write in 1125



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RainSoft • Elk Grove Village, IL • 847.437.9400 • www.rainsoft.com Booth #407 • Write in 1127

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Shower Filters

Sprite Industries holds more than 20 patents and has 45 shower filter models to choose from.



The shower filters contain Chlorgon, patented filtration media that remove more chlorine over a broader temperature range. The 37-year-old familyowned business offers advanced shower filtration and designs to fit any shower style, including the Deluxe Filtered shower handle.

Sprite Industries Inc. • Corona, CA 951.735.1015 • www.spritewater.com Booth #1201 • Write in 1128

RO System

The entrylevel Economy RO system is made with h e a v y - d u t y



glass-filled polypropylene. It offers twice the strength and durability of ABS-constructed systems. The serviceable check valve eliminates spring noise. Clearly labeled inlets and outlets, double O-ring quick-connect fittings and a handy sump wrench make installation fast and easy. An NSF-certified storage tank, chrome faucet tubing and fittings are included.

Canature North America Inc. Golden Valley, MN • 877.771.6789 www.canaturena.com Booth #1045 • Write in 1129

Tanks

This stainless steel tank has a down-flow design with no moving parts. It is constructed of T-304 stainless steel of low carbon content with a heli-arc welded top and bottom and a fusion seam-welded shell. The top has three openings: one 1.5-in. threaded



hole for filling and two 1-in. threaded holes in the top of the inlet and outlet tank connectors.

U.S. Resin Co. • Fort Collins, CO 888.565.1102 • www.usresin.com Booth #448 • Write in 1130

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This proprietary, custom-made carbon formulation consists of powdered KDF media bonded to the surface of granular activated carbon (GAC). It controls the buildup of bacteria, algae and fungi often associated with bad taste and odor. It has enhanced filter performance compared



with traditional GAC filters, and minimal carbon fines are released. Omnipure Filter Co. • Caldwell, ID • 208.454.2597 • www.omnipure.com Booth #615 • Write in 1131

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www.ceramicfilterscompany.com

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RO System



The Puro-Pro1200 RO system is designed for applications requiring a green solution with a small footprint, low energy requirement, high TDS rejection and ease of service. The system treats 1,200 gpd at 50-psi feedwater pressure, eliminating the need for a feedwater pump. It can be installed with sumps mounted vertically or horizontally, and is ready to go right out of the box. The system can operate with either captive or atmospheric RO water storage applications. Master Water Conditioning Corp. Pottstown, PA • 610.323.8358 www.masterwater.com Booth #139 • Write in 1133



The HCS is a free-standing countertop filter housing designed to attach to most kitchen or bathroom faucets to provide safe, clean, great-tasting filtered water without modifications to plumbing fixtures. The housing is made of medical-grade stainless steel and will accommodate one ¹/₄-in. BSP thread filter candle. Flow rates from 0.4 to 1 gpm are available, depending on filter choice. **Ceramic Filters Co. Inc.** • **Brooklyn, MI** • **888.236.8586** www.ceramicfilterscompany.com • Booth #132 • Write in 1134



Fittings



Quik-Lok push-to-connect fittings are a premium choice for the RO component market while remaining cost-effective. The polypropylene fittings incorporate stainless steel gripper teeth to offer optimum performance. All fittings are NSF certified, including the nitrile O-rings, which are heat resistant and less likely to wear out with age. A complete selection of fittings and valves is offered in 1/4- and 3/8-in. sizes. Ask for free samples while supplies last. Arrow Industries • Brea, CA 714.674.0590 www.arrowindustries.com Booth #733• Write in 1135

Controller



The new model CIC-152 dual-control pump/injection controller allows users to monitor and control TDS/ EC levels within a specific range. It can be wired to activate pumps, solenoid valves, external lights and more if the TDS/EC level goes outside the user-defined control points, and will display a green, red or yellow light to indicate the TDS level in relation to the points. It has a range of 0 to 5,000 ppm, on-screen temperature display, automatic temperature compensation and tri-color LED display. HM Digital Inc. • Culver City, CA 800.383.2777 • www.hmdigital.com Booth #326 • Write in 1136

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Media



This brochure features KDF's different forms of process media for a variety of applications in water treatment. These media can be used alone or in conjunction with filtration, RO and existing water treatment technologies. **KDF Fluid Treatment Inc.** Three Rivers, MI • 800.437.2745 www.kdfft.com

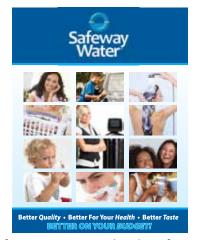
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Contaminant Removal System

The Iron Breaker III offers a natural solution for contaminant removal. The patented technology uses oxidation to eliminate iron and sulfur without chemicals, air compressors, aerators or external venturis. It is a green, low-maintenance alternative. **Charger Water Treatment Products** Elgin, IL • 800.642.4274 www.chargerwater.com Booth #108 • Write in 1139



Brochure



A four-page consumer brochure features Safeway Water LLC's water quality improvement products, including Triple Treat systems, Safeway Water softeners and IronZapper systems for iron and hydrogen sulfide reduction. Safeway Water LLC • Ocala, FL 855.999.7233 • www.safewaywater.com Booth #445 • Write in 1140

Nonprofit Organization

Wishing Well International Foundation (WWIF) is a nonprofit organization bringing clean, safe drinking water to developing areas. It also focuses on sanitation and hygiene to enhance quality of life and reduce disease and mortality. All public donations are used to fund projects. WWIF is a member of the Water Quality Assn. and reaches out to its members for support. Wishing Well International Foundation • Deerfield Beach, FL 954.421.1454 • www.wishingwellintl.org Booth #949 • Write in 1137





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and use. To take a measurement, simply push a button, then dip it in solution. Myron L Co. • Carlsbad, CA 760.438.2021 • www.myronl.com Booth #1121 • Write in 1142

Filter Systems

ONE cartridge tank filter systems are offered in two configurations and can utilize a variety of large-capacity cartridges, extending replacement cycle times. The EF-835-1 cartridge tank, with top-mount valve including bypass,



is suitable for residential and light commercial applications. The EF-835-2 cartridge tank has a 2-in. inlet/outlet connection at the bottom of the tank, making it ideal for commercial and industrial applications.

Water-Right • Appleton, WI 800.777.1426 • www.water-right.com Booth #721 • Write in 1143

Pleated Carbon Filter

This filter's pleated design gives it a high surface area, providing excellent flow and dirt-holding capacity with minimal pressure loss. Constructed with carbon-impregnated



media, it provides resistance to bacterial attack. It is ideal for non-chlorinated water supplies in which sediment reduction is the primary purpose of the filter and when taste, odor and chlorine reduction are desired. FilterCor Inc. • Sun Valley, CA 818.504.9471 • www.filtercor.com Booth #544 • Write in 1144

Water Treatment Equipment

Nelsen Corp. manufactures and distributes a complete line of water treatment equipment and water well products, including softeners, filters, UV systems, feed



pumps, RO equipment, tanks, submersible pumps, jet pumps, well supplies and components. Call, fax or e-mail for the 400-plus-page catalog. The company has three distribution locations, in Ohio, Arizona and Florida, offering same-day delivery.

Nelsen Corp. • Norton, OH 800.362.8780 • www.nelsencorp.com Booth #531• Write in 1145

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The CD12AD has dual ozone reaction chambers with a built-in air dryer. The generator can operate as a highly tech-



nical application using real-time 4-20 mA control or in manual mode. It offers complete disinfection on contact and eliminates odors with powerful but safe oxidation. The generator has a regulated universal power supply, a built-in moisture indicator and air filter, and an LED status display.

ClearWater Tech LLC San Luis Obispo, CA 800.262.0203 • www.cwtozone.com Booth #407 • Write in 1146

UV Disinfection System



The Sterilight Silver is a compact, powerful and reliable system for UV disinfection. Easily serviced and maintained, the system is equipped with a visual display of remaining lamp life, an audible alarm and an ICE controller that provides constant output current. VIQUA, a Trojan Technologies Co. Guelph, ON, Canada 800.265.7246 • www.viqua.com Booth #633 • Write in 1147

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The Tequatic Plus fine particle filter combines continuously cleaning, cross-flow filtration with centrifugal separation. It is designed to handle a range of difficult-to-treat feedwaters consistently and cost-effectively. Applications range from pretreatment for UF and RO to filtering produced water for oil and gas. The product can be used as an alternative or a complement to traditional filtration and is currently available in various flow rates, with filter cutoffs from 10 to 55 μ to meet specific customer needs.



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ResinTech Inc. • West Berlin, NJ • 856.768.9600 www.resintech.com • Booth #715 • Write in 1149

RO Systems



R2 and M2 Series RO systems are engineered and manufactured for commercial and light industrial applications and for feedwaters up to 10,000 TDS. These high-efficiency systems use lowenergy membrane elements that deliver high-quality water at low operating pressures. This makes them the first low-energy brackish water systems in the marketplace. **Axeon Water Technologies**

Temecula, CA 760.723.5417 • www.axeonwater.com **Booth #321 • Write in 1150**

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Multiplex integrates Hallett and Upstream UV systems in multiples of two, three, four or five to handle a variety of water treatment applications. The systems, housed in NEMA cabinets, are for both wastewater and potable water applications. They treat up to 150-gpm flows and are ideal for hazardous or wet environments. The systems come ready to commission with everything connected, and are selfcleaning, with dual smart sensors. UV Pure Technologies Inc. Toronto, ON, Canada 888.407.9997 • www.uvpure.com Booth #434 • Write in 1151





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