



elmco duddy Dollars & Sense



August 2010

Two Locations:

- Industry
- San Diego

Sister Companies:

- Sacramento
- Las Vegas
- Phoenix

Inside this issue:

	Mechanical	
Tower Tech Cooling Tower Rental: Coming Soon!	2	
Taco's Design Suite	2	
Emerson's Energy Savings Estimator	2	
	Plumbing	
Lochinvar announces Solar Thermal Systems	3	
Rainwater Harvesting: Jay R. Smith	3	
Quantum Flow Gets NSF61 Certified	3	
	Events	
Apartment Association Trade Show — Sept. 8th	4	
Lochinvar Service Training Coming to San Diego	4	
Lochinvar Product Trailer	4	

Griswold Water Systems joins the Elmco/Duddy Family

Elmco/Duddy is proud to become the new representative for **Griswold Water Systems**, manufacturers of a complete line of physical water treatment products including centrifugal separators, sand filters, pot feeders, and electronic water treatment for recirculating HVAC and industrial cooling applications.

An instant fit with our current product lines, Griswold's centrifugal separators are designed to optimize settleable solid removal from your water system. Fabricated domestically and built to ASME standards, their stand-alone separators and separator systems, complete with pump, pump control panel, piping pressuring gauge, and basket

strainer, are ideal for a range of applications where 40+ micron sized particles need removal.

Designed for either full-flow or side-stream installations, Griswold's separator systems are designed as self-contained units that can be combined with basin sweeping systems. Built around dual stage High Efficiency Separators, Griswold's CSS (Auto Purge System) and CSR (Closed Solids Recovery System) models are



Griswold's Separator System for Cooling Towers

compact, durable, economical, effective filtration packages and have the following benefits:

- Reduces solids and fouling problems in cooling tower system piping and equipment.
- Aids in controlling Legionella by reducing the debris in cooling towers that hide and protect the organisms.
- Reduces labor costs associated with manual cleaning of tower basins, chillers, condensers, heat exchangers and boilers
- Improves performance and efficiency of heat transfer equipment
- Reduces energy costs

NEW! Acorn Aqua Bubbler Replacement Kits

Immediately available are the new **Stainless Steel Bubbler Retrofit Kits** for single, two and three-station drinking fountains.

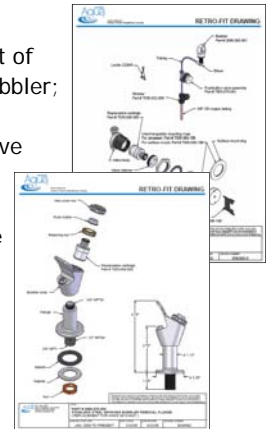
Ready for installation, the bubbler retrofit kits fit easily into the existing faucet housing. Better still, it offers the added benefit of reduced labor costs because facility managers do not have to remove fountains from walls.

Importantly, the bubblers meet California's AB1953 mandate, and the National Sanitary Foundation standard (NSF/ANSI Standard 61, section 9, annex G) and all Acorn Aqua's bubblers are 100% lead free.

For school districts, the daily ritual of flushing thousands of faucets is no longer necessary, a double-

barrel benefit of the bubbler; they conserve water and reduce man hours.

Acorn Aqua Retro-Fit Bubblers (2990-070-000 & 2990-081-001)



MECHANICAL

Coming soon to Elmco/Duddy... Cooling Tower Rental

How dependent is your facility on its cooling tower? If emergency repairs or a natural disaster shuts down your cooling tower today, do you have a plan to replace its cooling capacity?

your facility or process from your primary cooling tower while continuing to provide full undisturbed access to your existing tower in times of retrofit, renovation or replacement.

because it reduces the pressure to get your primary tower back online.

Our temporary cooling towers can also be used for supplemental or standby cooling to increase your cooling output when the cooling demand of your facility or process exceeds your existing cooling tower's capacity.

Models TTXL101975 & TTXL061975, are available for rental from our City of Industry location.

Give us a call today!

Tower Tech temporary cooling towers allow you to separate



Whether a natural disaster or equipment failure takes your cooling tower down, a temporary cooling tower can get you back in business with minimal downtime.

Temporary cooling towers are an excellent way to replace cooling capacity during planned equipment maintenance

Regarding Taco's Hydronic System Solutions® Software:

"This software can be easily used to layout all types of projects... I believe Bryan used it for proposals with AHUS and other. Much easier than Visio and much more adaptive and smarter."

- Charlie Fletcher, Emcor/Mesa Energy

Taco's Design Suite features LoadMatch® & Hydronic System Solutions®

The Design Suite is a free collection of tools that take the "time-consuming" out of hydronic system design. In fact, an entire LoadMatch® system can be designed within 30 minutes from top to bottom! At the heart of the Design Suite is Taco Hydronic System Solutions®. With HS2 you can:

- Design and compare HVAC systems
- Eliminate recalculation

time for changes

- Calculate plant total loads and flows
- Size pipe and equipment
- Select and schedule equipment
- Reduce errors
- Make design changes quickly and easily
- LoadMatch® Wizard allows modeling of systems in minutes

Go to www.taco-hvac.com and click on Applications to download your copy now or call us for a lunch & learn demonstration.



Energy Savings Estimator by Emerson Control Techniques

The Energy Savings Estimator is a great, FREE tool for providing valuable information on potential energy savings in fan and pump



applications comprising AC motors and VFDs.

Whether you're a first-time user or an experienced pro, a comprehensive, easy-to-use Help file is just a click away to provide step-by-step instructions for getting started, setting program preferences, entering parameters and measuring your customer's application "carbon footprint." There's even a utility for customizing energy estimation

reports.

A user-friendly interface allows you to quickly and easily navigate your way through a series of screens used to enter application-specific information (see screenshots, left). When you're done, simply print the report and save the file for later reference.

Go to www.hvacr-drives.com, click on "Downloads", then "Support Software" to get your free copy of the Estimator.



Lochinvar Introduces Solar Thermal Systems

Lochinvar has introduced an exciting new line of commercial solar heating panels, solar storage tanks and accessories.

From their newly formed partnership with TiSUN, Lochinvar will provide a line of solar equipment that is designed for use in commercial and industrial hot water applications. Based on smart strategies that provide the exact product, training and support that mechanical and plumbing design engineers and contractors, Lochinvar will

provide renewable energy solutions for their clients.

As a global leader and specialist in solar heating technology, TiSUN brings years of extensive experience, along



with a complete line of innovative products, to the table.

The Lochinvar/TiSUN product offering will include solar thermal panels specifically engineered and designed for commercial use, solar thermal storage tanks utilizing a unique design that allows the tank to enhance the efficiency of the system, and the associated pumping stations used to move the solar energy between these devices.

"Thanks to you guys and the service manual, we got the #2 heater back online... I think Lochinvar maybe part owned by Hilton...you guys have the same high standards of customer service we do. I think you have earned my loyalty."

Thanks again."

*-Clair Hodges,
Hilton*

Rainwater Harvesting: An Overview by Jay R. Smith

Jay R. Smith offers a complete line of Rainwater Harvesting System Packages for various applications and needs.

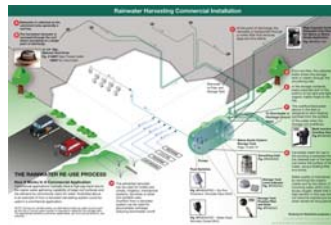
Rainwater harvesting is a technology used to collect, convey and store rain from relatively clean surfaces such as a roof for later use. This is water that would otherwise have gone down the drainage system or into the ground. The

water is generally stored in a rainwater tank or directed into mechanisms that can recharge groundwater. Rainwater harvesting can provide water for human consumption, reduce water bills and lessen the need to build reservoirs which may require the use of valuable land.

Rainwater harvesting is one of the most promising alternatives

for supplying water in the face of increasing water scarcity and escalating demand.

For more information, please visit <http://www.jrsmith.com/>



QuantumFlo Package Booster Systems to Receive NSF61 Certification

JUST ANNOUNCED! QuantumFlo has completed the NSF 61 Drinking Water Systems & Components and California Lead Law (AB1953) testing for the entire commercial product line of QuantumFlo!

Just the 3rd National Systems Manufacturer to complete this testing, QuantumFlo will be listed on the IAPMO website in



the coming days.

QuantumFlo manufacturers four uniquely different variable speed booster pump systems.

- The WisperFlo, an ultra-quiet booster which features submersible turbine pumps.
- The Prodigy, a duplex booster with end suction pumps.
- The Genius E, a booster pump with end suction centrifugal pumps.
- The Genius V, a booster system with vertical Multi-stage pumps.

Go to www.quantumflo.com to download the cut sheets and sample specification today.





E/D Event Calendar



September 8, 2010: Apartment Association, Southern California Cities Trade Show

We'll be in booth #222 and will demonstrate the Lochinvar Shield Water Heater's features and benefits, Jomar Tankless Water Heater Valve Kits and Simpson Dura-Vent's line of type-B and stainless steel vent pipe.

October 1, 2010: Lochinvar Service Class, San Diego

Come learn the "5 things you should know" when installing Lochinvar water heaters, boilers and pool heaters.

This class will be held at our San Diego facility. Each attendee will learn the

recommended procedures of start-up, maintenance and trouble-shooting.

Call us now to reserve your space at this class!

October 13, 2010: Acorn Valve & Lochinvar Product Training, City of Industry

The class will feature instruction on Acorn repair parts, Air-Trol, Flood-Trol and Safti-Trol valves in addition to Lochinvar boiler & water heater and parts.

October 29, 2010: Lochinvar Service Class, City of Industry

Come learn the "5 things you should know" when installing Lochinvar water heaters,

boilers and pool heaters.

This class will be held at our City of Industry facility. Each attendee will learn the recommended procedures of start-up, maintenance and trouble-shooting.

Lochinvar
Product Knowledge Class
Wednesday, October 13th from 8am-3:00pm

Products Covered:

- Acorn Valves
 - Air-Trol
 - Flood-Trol
 - Safti-Trol
 - & More!
- Lochinvar Boilers & Parts

RSVP by October 8th
to Carrie at 626/855-4845 or Scott 951/214-1219
Email: operations@elmcoduddy.com
Space is limited so please contact us to secure your spot.
Continental Breakfast available at 7:00am.
Lunch will be served.

We offer a one night hotel accommodation to anyone that is three hours or more drive time from our training location.

Location:
ElmcoDuddy Training Room
15070 Proctor Ave., City of Industry
Valley & Hacienda Blvds. 15.99 Frey.

Hosted by:

Lochinvar Product Trailer: On the Move to You

It's that time again! We'll be on the road through the end of August visiting Southern California's wholesale suppliers, contractors, engineers and owners.

If you haven't already been visited by one of our associates, chances are you will be able to see Lochinvar's dynamic products pull right up to your front door.

Invite your customers to take a hands-on approach to products they have questions on or haven't seen before. The product van features the **Shield**, **Armor**, **Knight XL**, **Copper-Fin II** and the **Sync**.

Give your sales rep a call to arrange a time to visit you!

At USC Facilities (top) & City of LA Housing Authority (bottom)

15070 Proctor Ave.
City of Industry, CA 91746

Phone: (626) 333-9942
Fax: (626) 855-4811

www.elmcoduddy.com

Creating demand for all our products

