As we proceed through our 2020-2021 Tri-County ASHRAE season, let’s continue to keep ASHRAE’s core values in mind…

**Excellence**
ASHRAE education, technical information and all other activities and products will always reflect the best practices that lead our industry. We strive for continuous improvement and innovation in all our practices and products.

**Commitment**
ASHRAE and its members are passionate about serving the built environment, creating value, and recognizing the accomplishments of others.

**Integrity**
ASHRAE is committed to the highest ethical standards. We work transparently, observing essential requirements for due process and peer reviews to assure our members and stakeholders that we do the right things the right way.

**Collaboration**
ASHRAE seeks and embraces collaborative efforts with organizations, agencies, and individuals sharing our commitment to sustainable built environments.

**Volunteerism**
Members lead ASHRAE at every level, serving ASHRAE and helping ASHRAE serve society.

**NOTE:** Statements made in this publication are not the expressions of the Society or of the Tri-County chapter but may not be reproduced without special permission of the Tri-County chapter.
Looking for a unique marketing opportunity?
We’ve got a deal for you!
For only $50 (that’s right, only $50!) you and many more can see your business card appear on THIS MONTHLY PUBLICATION for the 2020-2021 Tri-County ASHRAE season!

And for only $300 you can advertise your business with a FULL page ad! ($150 half page Ad)

Now that you’re interested, send a *.jpg version of your business card and/or page ad to: ashraetricounty@gmail.com and we will send you a link to pay for the corresponding fees.

Felix Monterroso
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### PROUDLY REPRESENTS

<table>
<thead>
<tr>
<th>Company</th>
<th>Products/Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Griswold Controls</td>
<td>Mechanical controls, automatic &amp; manual balancing, PICO-V, EPIC System, lead-free valves, coil kits, BTU meters</td>
</tr>
<tr>
<td>NuTech</td>
<td>Automatic &amp; manual balancing valves, coil piping packages, lead-free valves, hose kits</td>
</tr>
<tr>
<td>Vortisand*</td>
<td>High efficiency submicron filtration systems for open cooling towers or closed loop systems.</td>
</tr>
<tr>
<td>Rovanco Piping Systems</td>
<td>Pre-insulated underground &amp; contaminant piping systems. Leak detection.</td>
</tr>
<tr>
<td>Unisource Mfg</td>
<td>Bellows, expansion compensators &amp; joints, nested U-loop, V-loop, stainless steel &amp; bronze braided flexible connectors.</td>
</tr>
<tr>
<td>Flex-Weld / Kelflex</td>
<td>Bellows, expansion compensators &amp; joints, stainless steel &amp; bronze braided flexible connectors, and pipe guides.</td>
</tr>
<tr>
<td>ChamFlex</td>
<td>&quot;Class A&quot; fire rated&quot; hose assemblies &amp; kits designed for water source heat pump, fan coil, VAV, and chilled beam applications.</td>
</tr>
<tr>
<td>HYDROFLEX</td>
<td>Domestically produced stainless steel braided flexible connectors.</td>
</tr>
<tr>
<td>Delta Cooling Towers</td>
<td>Modular, open &amp; closed loop, corrosion proof, blow-off resistant cooling towers.</td>
</tr>
<tr>
<td>DuraFlex</td>
<td>Bellows, expansion joints, stainless steel &amp; bronze braided flexible connectors, tubing, &amp; hose assemblies.</td>
</tr>
<tr>
<td>Bonomi North America</td>
<td>High performance ball &amp; butterfly valves with optional positioner &amp; actuation packages.</td>
</tr>
<tr>
<td>DuraValve</td>
<td>Brass &amp; stainless steel ball valves, butterfly valves, pneumatic and electric actuators, and actuated assemblies.</td>
</tr>
<tr>
<td>General Water Systems</td>
<td>Centrifugal separators, chemical pot feeders.</td>
</tr>
<tr>
<td>FlowCon International</td>
<td>Pressure independent &amp; control valves. Adjustable automatic flow limiting.</td>
</tr>
<tr>
<td>Bray</td>
<td>Specialty HVAC valves, high performance butterfly valves, ball valves &amp; control valves.</td>
</tr>
<tr>
<td>Quadax</td>
<td>Four-offset high performance butterfly valves, industrial valves for steam and industrial applications.</td>
</tr>
<tr>
<td>Pipe Shields</td>
<td>Pre-Insulated pipe supports, guides, and anchors.</td>
</tr>
<tr>
<td>SWEP</td>
<td>Braided plate heat exchangers for HVAC, refrigeration.</td>
</tr>
<tr>
<td>Duo-Aire</td>
<td>Commercial kitchen ventilation &amp; utility distribution systems.</td>
</tr>
<tr>
<td>Ammark Corp.</td>
<td>Thermostatic hydronic flow control valves for HW, CHW, &amp; Steam.</td>
</tr>
</tbody>
</table>

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Our ASHRAE Tri-County leaders for the 2020-2021 season!

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Treasurer: Walter Escamilla / Custom Cooling Company

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Board Member: Kakeru Fujikawa / Goss Engineering Inc.
Board Member: Erick Delgado / Dawson Co.
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About us!

† R.I.P.
“Ionization in HVAC Systems; COVID and Air Quality Control”

Ionization is experiencing a surge in popularity as the coronavirus pandemic fans concerns about air quality. Integrated into HVAC systems, the technology utilizes specialized tubes that take oxygen molecules from the air and convert them into charged atoms that then cluster around microparticles, surrounding and deactivating harmful substances like airborne mold, bacteria, allergens, and viruses. They also attach to expelled breath droplets and dust particles that can transport viruses, enlarging them so they’re more easily caught in filters. It’s an active process that provides continuous disinfection.

Bill Brennan
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Born in 1956 at Tripler Army Hospital in Hawaii into a Military family. Gil’s Father was a Doctor for the United States Air Force (USAF). Gill lived all over the world from the Philippines to Germany, mostly the West Coast for the USA. Graduated from the University of Miami in 1981, joining USAF as an Officer and then he went into Heating Ventilating and Air Conditioning as part of Civil Engineering. Since 1985, Gil has been working in all aspects of the HVAC industry in Southern California. Working for Small Contractors, Large Distribution Companies, Factory Rep, Started and Run Design Divisions; Gil took the sales Team for Famillian’s HVAC division while transitioning to Ferguson, from nearly zero commercial sales into a successful commercial sales organization. Gil also Started and supervised a Residential/Commercial Design division for Energy Inspectors – successfully implanting right sizing and zoning design for 98 of the top 100 home builders in the US.
You are invited to the installation dinner!

Our ASHRAE Tri-County leaders for the 2021-2022 season!

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President Elect: Walter Escamilla / Custom Cooling Company  
Secretary: Chris Van Dyke  
Treasurer: Jhonattan Sebastian / Willdan Energy Solutions

**BOARD OF GOVERNORS**

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Board Member: Felix Monterroso / Willdan Energy Solutions  
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Find Out More!
Stay tune for future events!
2020-2021 PARTIAL ROSTER

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1990-1991 JEFF LEONARD 2016-2017 CHRIS ROBLES
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1995-1996 JOHN HAVILAND
1996-1997 JOEL CARTER
1997-1998 CHANDRA CHINDE
1998-1999 JIM TODA
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2000-2001 KERRY PARKER
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2007-2008 KYLE LANDIS
2008-2009 RICK CREED
2009-2010 ROBERT MORSE
2010-2011 TIM HALD
2011-2012 JAIME LOPEZ
2012-2013 ERIK DELGADO
2013-2014 NICOLAS ROSNER

— journal of the tri-county chapter of the —

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ASHRAE, founded in 1894, is an international organization of more than 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.