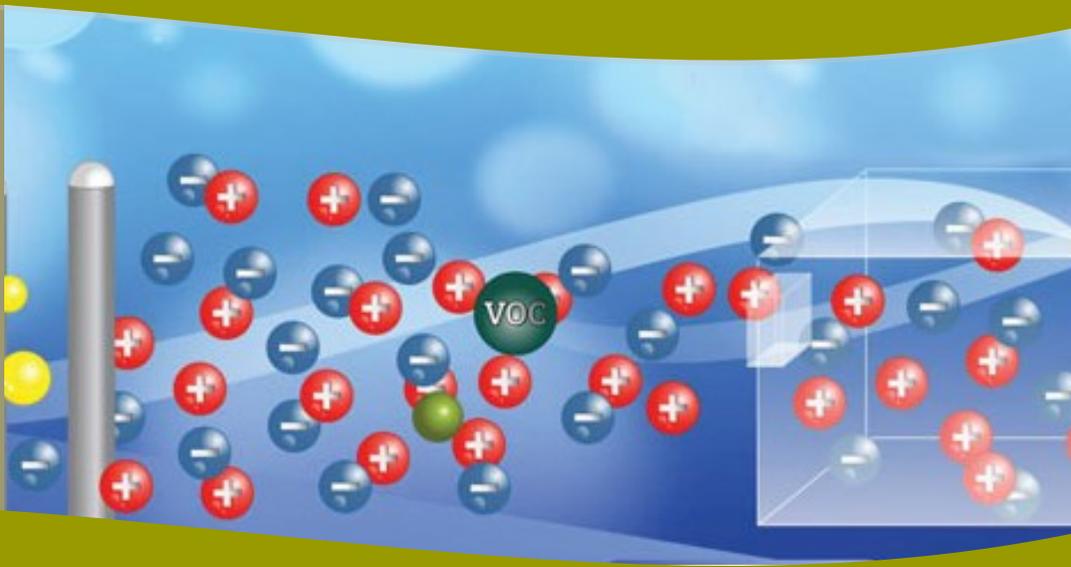


# Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers

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## MEETING INFORMATION

**Date:** April 20, 2021  
**Location:** Zoom  
 Online Meeting  
**Time:** 12:00PM to 1:30PM  
**Member Cost:** FREE  
**Non-Member Cost:** FREE



We look forward to seeing you again at our next meeting. Our next meeting will be held "ONLINE" via Cisco Webex. Please e-mail Felix Monterroso at [ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com) to reserve your spot for the upcoming meeting.

## ASHRAE'S CORE VALUES

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.

PLEASE SUPPORT OUR BUSINESS CARD/PAGE AD ADVERTISERS LOCATED HERE AND ELSEWHERE IN THIS PUBLICATION...

**MAKE AN INVESTMENT  
IN OUR INDUSTRY'S  
FUTURE!**

If you would like to place a business card ad in Super Heat for the 2020-2021 Tri-County ASHRAE season, please contact Felix Monterroso via e-mail at...  
[ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com)

*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](mailto:ashraetricounty@gmail.com) and we will send you a link to pay for the corresponding fees.*

**Felix Monterroso**

TCSH Editor

# BUSINESSES CARDS



**JIM TODA**  
Sales Engineer

425 W. BONITA AVENUE #106 • SAN DIMAS, CA 91773  
Phone (909) 599-9222 FAX (909) 599-4418

E-MAIL: [info@cccrcps.com](mailto:info@cccrcps.com)  
WEB SITE: [www.cccrcps.com](http://www.cccrcps.com)



**Jeffrey R. Pose**  
President

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POMONA, CA 91766



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Sales Engineer  
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Eastvale, CA 91752  
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## PROUDLY REPRESENTS



**Griswold Controls**  
Mechanical & controls, automatic & manual balancing, PIC-V, EPIC System, lead-free valves. Coil kits, BTU meters



**NuTech**  
Automatic & manual balancing valves, coil piping packages, lead-free valves, hose kits



**Vortisand**  
High efficiency submicron filtration systems for open cooling towers or closed loop systems.



**Rovanco Piping Systems**  
Pre-insulated underground & containment piping systems. Leak detection.



**Unisource Mfg**  
Bellows, expansion compensators & joints, nested U-loop, V-loop, stainless steel & bronze braided flexible connectors.



**Flex-Weld / Keflex**  
Bellows, expansion compensators & joints, stainless steel & bronze braided flexible connectors, and pipe guides.



**ChamFlex**  
"Class A fire rated" hose assemblies & kits designed for water source heat pump, fan coil, VAV, and chilled beam applications.



**Hydroflex**  
Domestically produced stainless steel braided flexible connectors.



**Delta Cooling Towers**  
Modular, open & closed loop, corrosion proof, biofilm resistant cooling towers.



**Duraflex**  
Bellows, expansion joints, stainless steel & bronze braided flexible connectors, tubing, & hose assemblies.



**Bonomi North America**  
High performance ball & butterfly valves with optional positioner & actuation packages.



**DuraValve**  
Brass & stainless steel ball valves, butterfly valves, pneumatic and electric actuators, and actuated assemblies.



**General Water Systems**  
Centrifugal separators, chemical pot feeders



**FlowCon International**  
Pressure independent & control valves. Adjustable automatic flow limiting



**Bray**  
Specialty HVAC valves, high performance butterfly valves, ball valves & control valves.



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Four-offset high performance butterfly valves, industrial valves for steam and industrial applications.



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Pre-Insulated pipe supports, guides, and anchors.



**SWEP**  
Braided plate heat exchangers for HVAC, refrigeration.



**Duo-Aire**  
Commercial kitchen ventilation & utility distribution systems

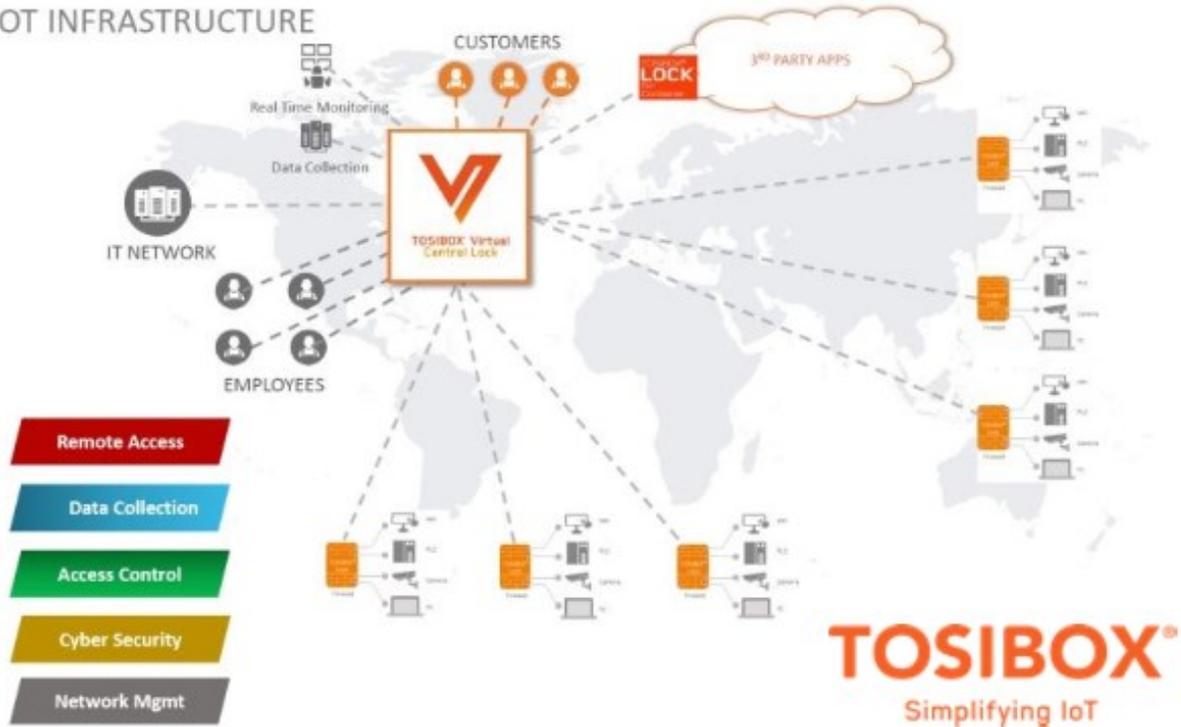


**Ammark Corp.**  
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[www.jmarcontrols.com](http://www.jmarcontrols.com)

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

## OFFICERS

President: Michael Franzen / Franzen Consulting

President Elect: Manny Perez /

Secretary: Jeff Pose<sup>†</sup> / J-MAR Controls Solutions

Treasurer: Walter Escamilla /

## BOARD OF GOVERNORS

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Board Member: Kakeru Fujikawa/ Goss Engineering Inc.

Board Member: Erick Delgado / Dawson Co.

Board Member: Ian Villazana / ACCO Engineered Systems

## About us!

† R.I.P.



# PAST MEETING

## “VRF Refrigerant Gas Leak Detection for Occupied Spaces”

*This meeting explained the need for refrigerant leak detection devices on VRF new construction and retrofit systems. The presenter described the existing leak detection technologies and pointed out the relative advantages and disadvantages of each solution. This meeting also covered ASHRAE standard 34 regarding the maximum refrigerant concentration limits for a conditioned space.*



Bill Brennan  
619-347-1551  
brennanb@ulcontrols.com  
[www.ulcontrols.com/sensac](http://www.ulcontrols.com/sensac)

*Bill Brennan is the Chief Executive Officer for Unlimited Controls in San Diego, California. Bill has 30+ years experience in HVAC, Combustion and Process Controls and Instrumentation. He was the NYC Branch Manager for Industrial Controls Inc. ,in New York City. He was also a Branch Manager for George T Hall Co. and Controlco in San Diego, California.*

*Bill has extensive experience with controls and instrumentation for the HVAC, Combustion and Process Markets. Including toxic gas detection. Bill has developed a new device to meet the needs for a stand alone device to monitor for leaks in VRF new construction and retrofit projects.*

# UPCOMING MEETING

[Register Here!](#)

## **“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.



Gilbert (Gil) J. Kitching  
President, KPF Group  
760-985-3344  
gjkhvaca@charter.net

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 Familian's HVAC division while transitioning to Furguson, 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.

[Find Out More!](#)

[Learn More!](#)

# ACTIVITIES REPORTS

# UPCOMING EVENTS

*Stay tune for future events!*

# 2020-2021 PARTIAL ROSTER



## Officers

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<b>President-Elect</b>	<b>Manny Perez</b> — 562-301-4589
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<b>Kakeru Fujikawa</b>
<b>Erick Delgado</b> Dawson Co. — 626-755-3798
<b>Ian Villazana</b> ACCO Engineered Systems — 714-287-8325

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<b>Historian</b>	<b>Jim Toda</b> Custom Cooling Company — 909-599-9222
<b>Student Activities</b>	<b>Jim Toda</b> Custom Cooling Company — 909-599-9222
<b>Research Promotion</b>	<b>Joe Sanders</b> Dynamic Engineered Systems, Inc — 951-278-0282
<b>Newsletter Editor</b>	<b>Felix Monterroso</b> Willdan Energy Solutions — 626-629-9658
<b>Membership Promotion</b>	<b>Erick Delgado</b> Dawson Company — 626-755-3798
<b>Young Engineers in ASHRAE (YEA)</b>	<b>Felix Monterroso</b> Willdan Energy Solutions — 626-629-9658
<b>Chapter Technology Transfer</b>	<b>Felix Monterroso</b> Willdan Energy Solutions — 626-629-9658



*Everyone in Tri-County is responsible for building a better tomorrow!*

# Tri-County SUPER HEAT

CELEBRATING  
**31** YEARS

1989-2020

TRI-COUNTY ASHRAE!

## P A S T P R E S I D E N T S

1988-1989	SUKHDEV MATHAUDHU	2014-2015	RYAN RODRIGUEZ
1989-1990	SUKHDEV MATHAUDHU	2015-2016	SHAW GENTRY
1990-1991	JEFF LEONARD	2016-2017	CHRIS ROBLES
1991-1992	DEL THOMAS	2017-2018	IAN VILLAZANA
1992-1993	TONY PIERCE	2018-2019	KAKERU FUJIKAWA
1993-1994	GREG MORIN	2019-2020	FELIX MONTERROSO
1994-1995	TONY HENKEL		
1995-1996	JOHN HAVILAND		
1996-1997	JOEL CARTER		
1997-1998	CHANDRA CHINDE		
1998-1999	JIM TODA		
1999-2000	RICHARD MCLEOD		
2000-2001	KERRY PARKER		
2001-2002	DEBRA CHAVIRA-SMITH		
2002-2003	LUCAS HYMAN		
2003-2004	JOE SANDERS		
2004-2005	BOB GASTEL		
2005-2006	ART ANDRES		
2006-2007	JIM PARKER		
2007-2008	KYLE LANDIS		
2008-2009	RICK CREED		
2009-2010	ROBERT MORSE		
2010-2011	TIM HALD		
2011-2012	JAI ME LOPEZ		
2012-2013	ERICK DELGADO		
2013-2014	NICOLAS ROSNER		

— journal of the tri-county chapter of the —

## American Society of Heating, Refrigerating, and Air Conditioning Engineers

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.