

Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers

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MEETING INFORMATION

Date: February 16, 2020
Location: Webex
 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 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

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

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
WEB SITE: www.cccrcps.com



Jeffrey R. Pose
President

30682 Cricket Road
Murrieta, CA 92563
Office: 951-923-4028
Direct: 516-456-0744
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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.



Quadax
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Pre-Insulated pipe supports, guides, and anchors.



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Braided plate heat exchangers for HVAC, refrigeration.



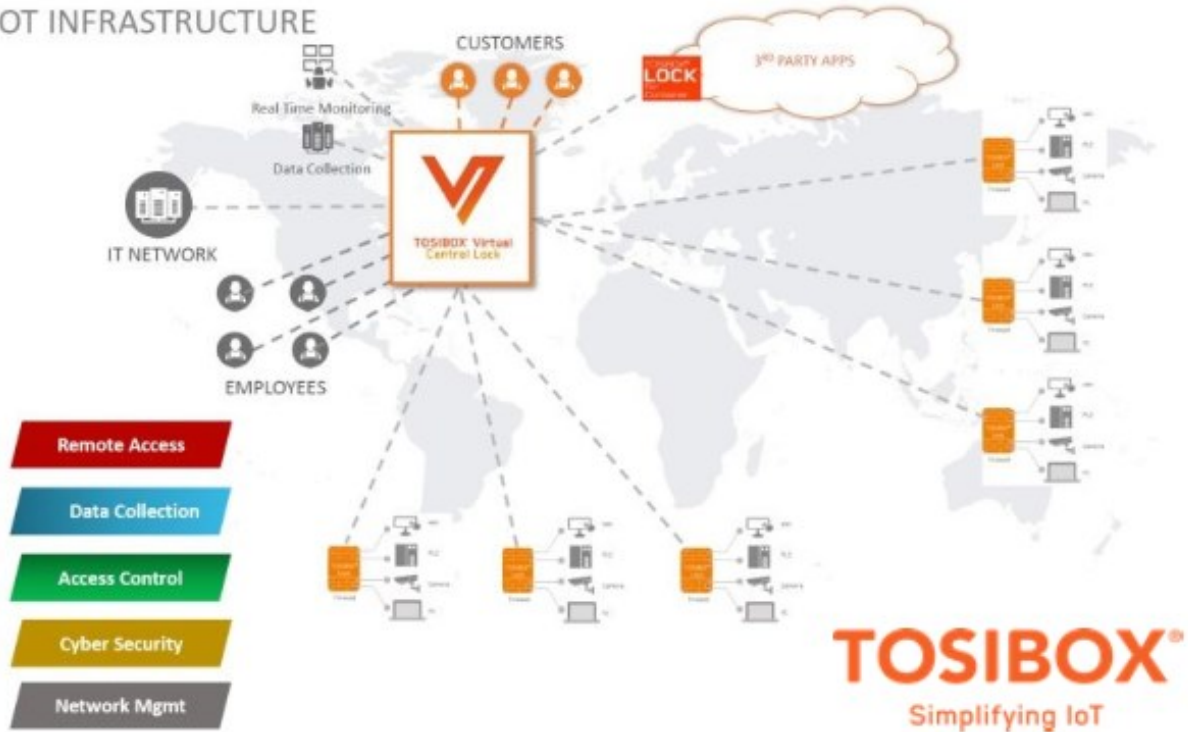
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30682 Cricket Road
Murrieta, CA 92563
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E-Mail: jpose@jmarcontrols.com
www.jmarcontrols.com

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

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Board Member: Erick Delgado / Dawson Co.

Board Member: Ian Villazana / ACCO Engineered Systems

About us!

† R.I.P.



Past Meeting

“High Efficiency Boiler Exhaust”

This meeting touched on some of the most important factors to keep in mind while designing and implementing venting systems for complex installations and providing turnkey solutions including draft control and solving countless issues related to improper venting.



Michael L Mommsen
Vice President, Schebler Chimney Systems
<https://www.scheblerchimney.com/>

Michael Mommsen has been with Schebler Chimney Systems since 2008 providing technical consultation to engineering firms, building owners, and boiler manufactures. Schebler Chimney Systems have been providing engineered venting solutions to the HVAC industry for over 25 years. Michael is an ASHRAE Member and has worked extensively with Schebler’s experienced engineering and design staff to communicate and coordinate design practices that meet ASHRAE, IMC, NFPA, and ANSI requirements. Michael has also developed relationship with boiler/HWH manufactures to assist engineers designing venting systems specifically for complex high efficiency appliances.

Prior to working for Schebler Chimney Systems Michael spent 10 years as a system build technician, Programing Engineer, and Technical Sales Director for a major robot welding system integrator, Genesis Systems Group.

UPCOMING MEETING

[Register Here!](#)

“Fan Application Recommendations to Prevent Performance Issues ”

When applying fans, it is important the fans are specified using proper system design. Incorrectly applying fans will cause various performance issues. Some of these issues include low airflow, high or annoying airflow noise, and low bearing life.

This presentation will cover proper fan system design recommendations. Also covered will be how fan performance issues can be prevented by applying fan laws. Finally, fan airflow noise issues will be covered, including recommended fan noise levels.

Be sure to come to this informative meeting. The meeting promises to be interesting for all!

James Toda
President and Sales Engineer
Custom Cooling Company
www.ccreps.com



Jim Toda is President and Sales Engineer for Custom Cooling Company, which is a manufacturers sales representative organization. He has 34 years experience in the HVAC industry, representing and selling commercial equipment such as air handlers, coils, fans, and water source heat pumps.

Jim holds a Mechanical Engineering degree from California Polytechnic University at Pomona and is a full member of ASHRAE.

Jim has served the Tri County chapter of ASHRAE for the last 25 years. He was the Tri County chapter President during the 1998-1999 year. Jim currently serves the chapter as Historian and Student Activities Chair.

[Find Out More!](#)

[Learn More!](#)

ACTIVITIES REPORTS

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UPCOMING EVENTS

Stay tune for future events!

2020-2021 PARTIAL ROSTER



Officers

President	Michael Franzen Franzen Consulting — 626-419-5399
President-Elect	Manny Perez — 562-301-4589
Secretary	Jeff Pose J-MAR Controls Solutions — 516-456-0744
Treasurer	Walter Escamilla — 323.407.1482

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Erick Delgado Dawson Co. — 626-755-3798
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Committee Chairs

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