



PIPELINE

FUEL FOR YOUR BUSINESS

SEP/OCT 2025

THE NEWSLETTER OF UTAH'S HVACR INDUSTRY

153 SOUTH 900 EAST, #3 • SLC, UT 84102 • WWW.RMGA.ORG

WEDNESDAY, SEPTEMBER 24

RMGA
EDUCATION
SUMMIT
2025

SHERATON HOTEL SLC

2025 RMGA EDUCATION SUMMIT & WEDNESDAY, SEPTEMBER 24

SHERATON DOWNTOWN SLC • 150 W 500 S • FREE PARKING

SCHEDULE OF EVENTS

7:10 AM	Continental Breakfast / RMGA Derby Horse Races 1 & 2
8:00 - 8:05 AM	Welcome and Introductions <i>Scott Carpenter, President, RMGA</i>
8:05 - 9:00 AM	Economic Outlook for 2025 <i>Robert Spendlove, Vice President, Zions Bank</i>
9:05 - 10:00 AM	Ethics in Contracting Discussion <i>Bob Main, DOPL Investigator Supervisor & Jamie Schumacher, Gunther's</i>
10:00 - 10:15 AM	Morning Break & RMGA Derby Horse Races 3 & 4
10:15 - 11:55 AM	State Code Update 2025-26 <i>Brent Ursenbach</i>
12:00 - 12:45 PM	Rick Carman Award Lunch & RMGA Derby Horse Races 5 & 6
12:45 - 1:10 PM	Federated Insurance — Triple Protection Plan
1:10 - 2:00 PM	Manual JDS Primer <i>Ryan Rentmeister, Rentmeister's</i>
2:00 - 2:15 PM	RMGA Derby Horse Races 7 & 8
2:15 - 2:25 PM	Tech Colleges — SkillsUSA <i>Jeff Heinz, MTech</i>
2:25 - 2:35 PM	RMGA Derby Horses Race Winner PRIZES AWARDED / Closing Remarks

See Back of
this Newsletter for
Education Summit
Registration Form!

OR: Sign up and pay online at:
utrmga.org/education-summit/register/4



Manual J, D, and S Design Practices

**Classes
Coming Soon!
Sep. 16-18
See more
information
on Page 7**

Partial funding of RMGA training programs have been provided by the Division of Occupational & Professional Licensing from the 1% surcharge funds on all building permits.

Scott Carpenter
scott@legendsmechanical.com
801-599-8563 Utah
208-466-1773 Idaho

MESSAGE FROM OUR PRESIDENT

SCOTT CARPENTER



Dear RMGA Members & Friends,

I would like to extend my sincere appreciation to our board members for your steadfast dedication to advancing our industry. The strength of our association lies in the professionalism and expertise of its members, and it is through your continued engagement that we can promote safe operations, foster innovation, and uphold the standards that define our industry.

Over the past year, RMGA has continued to expand its reach and influence through education, training, and advocacy. Our training programs have provided critical knowledge to both new and seasoned professionals, ensuring that our industry remains highly skilled and prepared to meet evolving challenges. In addition, our collaborative efforts with our state and local partners have reinforced our commitment to safety, efficiency, and responsible development.

*As president, I encourage all members to get active and participate in our association's initiatives. **Your expertise, leadership, and engagement are vital to ensure that RMGA continues to serve as a trusted voice for our industry.** Together, we will build on the progress we have achieved and continue to uphold the values of safety, integrity, and innovation that define our work.*

*I would also like to take the time to **remind all our members of the upcoming RMGA Education Summit this September 24th at the Salt Lake Sheraton Hotel.** It is an opportunity to complete all your continuing education requirements as well as a chance to get some great information.*

RMGA BOARD BRIEFING JUL/AUG 2025

The RMGA board approved three new members: Stillman's Heating and Air, The Fireplace Store, and Ben Lomond HVAC, and invited them to attend the Education Summit on September 24th.

It was reported that many RMGA members used our website's new online payment portal to pay their annual dues that were billed in July for fiscal year 2025-26.

The board reviewed the new annual scholarship program, and decided to keep things simple and pay out the full \$2,000 scholarship every July to each of the six winner's school student account, with any remaining balance going to the student upon program completion. If students don't complete the program, the money reverts back to RMGA, which will conduct personal phone calls in December or early January with the scholarship winners to gather data about their progress in their HVAC program.

Ryan Rentmeister reported progress on the RMGA initiative to standardize HVAC inspections and permitting processes across cities, focusing on add-on replacement work. He has worked with about five cities so far and received positive feedback from the Bonneville chapter, and Ryan is testing video inspections with city inspectors in his area, to see if they find them beneficial.

The board is opening up the September 16-18th ACCA Manual J,D,S class series to additional participants from ACCA National, and they decided to cap enrollment at 35 people.

The board also discussed transitioning from a free Canvas platform to a paid service for RMGA testing to maintain control over test administration and prevent unauthorized access, since testing is core to the association's mission.

Our next meeting is the Education Summit on September 24th at The Salt Lake Sheraton Hotel, beginning at 7:00 a.m. with a hearty breakfast. Be there! ■

2025 RMGA GAS CERTIFICATION CLASSES

You can now request registration on the new RMGA website: <https://utrmga.org/certification>

CALL 801.521.8340
OR EMAIL
RMGAUTAH@GMAIL.COM
TO REGISTER



EDUCATION SUMMIT Salt Lake City

Wednesday, September 24

7:10 a.m. - 2:35 p.m.

The Sheraton Hotel

150 W 500 S

Downtown Salt Lake City, UT

Registration on back cover!

OR: Sign up and pay online at:

utrmga.org/education-summit/register/4

SEP IN-PERSON

(And on Zoom)

Salt Lake City

Thursday, September 25

Friday, September 26 &

Saturday, September 27

8 a.m. - 5 p.m.

Enbridge Gas CTC Room

1000 West 100 South

Salt Lake City, Utah 84104

OCT IN-PERSON

(And on Zoom)

Salt Lake City

Thursday, October 2

Friday, October 3 &

Saturday, October 4

8 a.m. - 5 p.m.

Enbridge Gas CTC Room

1000 West 100 South

Salt Lake City, Utah 84104

All Certification Classes are \$400. Price includes the RMGA Study Guide, IFGC, online video access, 24 hours of instruction, and 2 attempts at the exam (if necessary). Technicians should attend ALL sessions. In-person attendees should bring lunch or plan to visit a local restaurant during the lunch hour. **Take the Pre-Test to evaluate your readiness for the exam at <https://utrmga.org/certification/pretest>**

Partial funding of RMGA training programs has been provided by the Division of Occupational & Professional Licensing from the 1% surcharge funds on all building permits.

**RMGA Spanish
Language
Certification
Study Guides are
available for
\$125, with free
shipping!**

MECHANICAL CODE DISCUSSION

ACCA Manual T – Air Distribution Basics

BRENT URSENBACH

HVAC EDUCATOR/
EXPERT WITNESS

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801-381-1449



BRENT URSENBACH

THIS PAST WEEK I RECEIVED a request for my consulting service from the owner of a new large custom home in Summit County. He claims he paid more than \$100,000 for the HVAC systems. Yes, you probably guessed it, they have comfort problems with all three systems including:

- System will not cool down house below 76°F during the day.
- System kicks on at 8am and will not stop until 11pm.
- Electric bill is over \$1000 a month.
- System does not cool evenly.
- Return air is loud and systems are loud in general. The HVAC contractor cut hole in return duct in basement to quiet down. Compounded the temperature imbalance.
- The basement is always cold, and vent is blowing all day, due to upstairs always being on.
- None of the duct joints are sealed. I went back and forth with HVAC installer. He claimed that it is all in the same envelope, so it doesn't matter.

These appear to be typical of

what I hear often. Obviously, some of the issues including uneven cooling, loud return, and duct sealing are duct systems. At my request, the owner provided the Manual JDS package and some photos, including this photo of the one of the two 30" X 10" high sidewall return air grills serving a 3-ton system.

Hopefully you have some experience in sizing return air duct and grills and know a 30" X 10" standard metal grill will flow somewhere around 600 - 700 CFM with a 0.02" pressure drop. Unfortunately, the HVAC contractor on this home failed to recognize the free area for this style grill will be considerably lower than a standard grill. A quick check of the manufacturers airflow specification for this grill is 118 CFM at a 0.02" pressure drop. With two of these grills on 1200

CFM system, they are short 964 CFM.

Compounding the issues, they used a similar style 4" X 12" sidewall supply register in several location, and wood floor registers in the hardwood floor, never sizing per the manufacturer's engineering data. I'll report on actual airflow testing in a future discussion.



(Story continues top of next page)

The introduction to ACCA Manual T opens with:

The selection and sizing of supply air outlets and return air inlets is just as important to a successful design as making load calculations, selecting equipment or ducts. Supply air outlets must mix raw supply air with the room air without creating drafts or stagnant zones. Return air inlets must provide an unrestricted return path from every area of the house or building without short circuiting the supply air pattern.



If you are not familiar with Manual T, or if you feel you would like to learn more about selecting

registers and grills, please sign up for the next RMGA sponsored ACCA Manual J, D, & S class, September 16-18, 2025, presented by Ed Janowiak. The class includes all four ACCA Standards: J, D, S, and T.

Please reach out with your comments or questions. Thank you — **Brent** ■

WELCOME OUR NEW RMGA MEMBERS!

THE FIREPLACE STORE

John Pace
950 Industrial Road
Cedar City, UT 84721
435-531-6126
jpaceg@hotmail.com
soutahfireplacestore.com



STILLMAN'S HEATING AND AIR, INC.

Matthew Stillman
2432 S. 2250 E.
St George, UT 84790
435-632-1177
mattandnick@beyondbb.com

BEN LOMOND HVAC

Tyson Parry
572 E. 1950 N.
North Ogden, UT 84414
801-644-2734
benlomondhvac@gmail.com

Meet and Get to Know: CHAD DUNCAN

Q. Tell us about your company.

A. Started in 2017, Servicing all makes and models of HVAC equipment Residential and Commercial.

Q. What is your position within the company?

A. Owner / Service Technician.

Q. If you weren't an HVACR Contractor, what would you like to be?

A. A stock market trader.

Q. What was your most unusual work experience?

A. In 1999, I created and installed an experimental A/C system to cool a 5000 sq foot home in the desert with one ton of cooling in Boulder City, Nevada. Back up cooling system was 10 tons. We were successful after a year.

Q. What are your favorite aspects of your job?

A. Serving others, helping them save money.

Q. Do you have a motto to live by?

A. Treat your customers as you would want to be treated and you will get them, their friends and family as customers for life.

Q. If you could travel anywhere in the world, where would you go?

A. Pacific Islands.



Q. What is your favorite hobby?

A. Shooting guns.

Q. When did you last do it?

A. A few months ago.

Q. Tell us about your hidden talent.

A. I'm good at figuring things out.

Q. If you won a \$50,000,000 lottery, what would you do?

A. Retire, Invest, Travel.

Q. Do you have a favorite movie?

A. Star Wars - The Empire Strikes Back.

Q. If you could invite three people to dinner (dead or alive), who would you invite and why?

A. Jesus, George Washington, Aristotle. I could learn a lot from them.

Q. People would be surprised to know...

A. I grew up without a Dad to teach me things and share his knowledge. ■

Chad Duncan is owner of Eagle Valley Heating and Air. He also works as a service technician.

He can be contacted by email at:

firefoxlight2015@gmail.com



Learn Manual J, D, and S Design Practices 3-Day Series

Prices: \$350/Contractor • \$150/Inspector

**BECOME ACCA
CERTIFIED!**



**Class size
is limited to
35!**

*Price includes:
All Manuals
(including Manual T),
a Duct Calculator,
Instruction & Lunches
all 3 days!*



Join Ed Janowiak, ACCA's manager of HVAC design education, to learn how to perform a proper HVAC design with or without design software.

Manual J: Tuesday, September 16, 2025

Manual D: Wednesday, September 17, 2025

Manual S: Thursday, September 18, 2025

ALL CLASSES 8:00 AM to 4:30 PM

Location: Hercules Industries
475 N Billy Mitchell Road
Salt Lake City, UT 84116

Register by emailing rachel@utrmga.com or calling 801-521-8340



153 SOUTH 900 EAST, #3
SALT LAKE CITY, UT 84102

RETURN SERVICE REQUESTED

SHERATON HOTEL SLC is located at 150 W 500 S in Salt Lake City. FREE PARKING AVAILABLE in NW Corner of Hotel. See you there!

RETURN THIS REGISTRATION FORM TO: RMGA • 153 SOUTH 900 EAST, #3 • SALT LAKE CITY, UT 84102
Fax to: 801-521-8360 or Email to: rachel@utrmga.com

RMGA EDUCATION SUMMIT 2025 REGISTRATION FORM • SEP 24, 2025

WEDNESDAY, SEPTEMBER 24



SHERATON HOTEL SLC

company name _____

address/city/state/zip _____

email _____

contractor # _____ **phone #** _____

registration fees:

RMGA MEMBERS ONLY @ \$100 _____

Additional Attendees @ \$75 _____

Continuing Education Credit Fee @ \$15 _____

Tech College Student @ \$25 _____

Building Inspectors FREE! But Must Register

sponsorship opportunities:

GOLD _____ @ \$600

SILVER _____ @ \$400

BRONZE _____ @ \$200

GOLD \$600

- Sign with company name displayed prominently at all functions
- Convention registration for 3
- 8 minutes during Member Meeting to promote your business
- Special recognition in RMGA Pipeline Newsletter

SILVER \$400

- Sign with company name displayed prominently at all functions
- Convention registration for 2
- 2 minutes during Member Meeting to promote your business
- Special recognition in RMGA Pipeline Newsletter

BRONZE \$200

- Sign with company name displayed prominently at all functions
- Convention registration for 1
- Special recognition in RMGA Pipeline Newsletter

Continuing Education Available:
3 Hours CORE & 3 Hours PRO
Contractor License Renewal due:
November 30, 2025

check box for CE ☐

Names of Attendees from Same Company:

total amount due: _____
for credit/debit payment:

Pay with Credit Card by calling Rachel @ RMGA office between 10 AM & 4 PM on Mondays or Wednesdays at 801-521-8340