

AHR Expo 2023 Sessions

Session Title	Date and Time	Location	Type
Advanced High-Performance Building Design	02/04/2023 8:00 - 11:00	A313	ASHRAE Learning Institute Courses (\$)
Introduction to Building Decarbonization	02/04/2023 8:00 - 11:00	A316	ASHRAE Learning Institute Courses (\$)
Energy Modeling Best Practices and Applications	02/04/2023 8:00 - 03:00	A314	ASHRAE Learning Institute Courses (\$)
Energy Management Best Practices	02/04/2023 12:00 - 03:00	A313	ASHRAE Learning Institute Courses (\$)
Air-to-Air Energy Recovery Applications: Best Practices	02/04/2023 12:00 - 03:00	A315	ASHRAE Learning Institute Courses (\$)
Smarter Summit 23	02/05/2023 3:00 - 07:00	B405	Free Industry Sessions
Humidity Control I: Design Tips and Traps	02/05/2023 3:30 - 06:30	A313	ASHRAE Learning Institute Courses (\$)
Guideline 36: Best in Class HVAC Control	02/05/2023 3:30 - 06:30	A314	ASHRAE Learning Institute Courses (\$)
Advanced Designs for Net Zero and Low-Carbon Buildings	02/05/2023 3:30 - 06:30	A315	ASHRAE Learning Institute Courses (\$)
Laboratory Design: The Basics and Beyond	02/05/2023 3:30 - 06:30	A316	ASHRAE Learning Institute Courses (\$)
Market Intelligence to Help You Make Growth Plans in the Current Markets	02/06/2023 8:00 - 10:00	B312	Free Industry Sessions
V in HVAC – What, Why, Where, How, and How Much	02/06/2023 8:30 - 11:30	A313	ASHRAE Learning Institute Courses (\$)
Fundamentals of Decarbonization Design Systems and Equipment	02/06/2023 8:30 - 11:30	A314	ASHRAE Learning Institute Courses (\$)
Humidity Control II: Real-World Problems and Solutions	02/06/2023 8:30 - 11:30	A316	ASHRAE Learning Institute Courses (\$)
Turning Chaos into Creative Change: Day 1 Opening Session	02/06/2023 9:00 - 09:15	B309	Free Industry Sessions
The Hitchhikers Guide to BACnet	02/06/2023 9:00 - 09:30	B314	Free Industry Sessions
How to use SMACNA's Guyed Steel Stacks Construction Guide	02/06/2023 9:00 - 10:00	B306	Free Industry Sessions
Electrical Troubleshooting Fundamentals for HVAC	02/06/2023 9:00 - 10:00	B308	Free Industry Sessions
Lowering Owner Cost Fighting Climate Change or Fighting Against It	02/06/2023 9:00 - 10:00	B310	Free Industry Sessions
Status Update on Refrigerant Classification, Specification, and Recovery Standards	02/06/2023 9:00 - 10:00	B311	Free Industry Sessions

UL Rated Ceiling Radiation Dampers: A Closer Look	02/06/2023 9:00 - 10:00	B313	Free Industry Sessions
How to Build a Maintenance Agreement Culture that Powers Your Business All Year	02/06/2023 9:00 - 10:00	B315	Free Industry Sessions
Improving Indoor Air Quality in Commercial Spaces: Best Practices and Financial Resources	02/06/2023 9:00 - 10:00	C102 Auditorium	Free Industry Sessions
Staffing a BAS Company - Generation IP - the New BAS Paradigm	02/06/2023 9:15 - 10:15	B309	Free Industry Sessions
BACnet 101	02/06/2023 9:30 - 10:30	B314	Free Industry Sessions
Operational & Project Efficiency Solutions Utilizing AIM Mobile Technology & Services	02/06/2023 10:15 - 10:35	Theater A	New Product & Technology Presentations
What Works in HVAC Marketing in 2023 and Why Yours Doesn't Work	02/06/2023 10:15 - 10:35	Theater B	New Product & Technology Presentations
Optimizing Design & Control of HVAC Systems with Distributed Pumping	02/06/2023 10:15 - 10:35	Theater C	New Product & Technology Presentations
Analysis of Performance & Energy Use of Desiccant Dehumidification Tech for Indoor Agriculture	02/06/2023 10:15 - 10:35	Theater D	New Product & Technology Presentations
SMACNA HVAC Ductwork Live Load & Tie-Rod Applications	02/06/2023 10:30 - 11:30	B306	Free Industry Sessions
Cyber Security for Building Automation Systems	02/06/2023 10:30 - 11:30	B309	Free Industry Sessions
BEST 6.1 – Demand Day Operation Software – Know the Cost Before You Design	02/06/2023 10:30 - 11:30	B310	Free Industry Sessions
Fundamentals of Water Treatment	02/06/2023 10:30 - 11:30	B311	Free Industry Sessions
Replace or Repair? How a Maintenance Schedule Can Help You Realize Cost Savings	02/06/2023 10:30 - 11:30	B312	Free Industry Sessions
How to Select the Right Fan	02/06/2023 10:30 - 11:30	B313	Free Industry Sessions
Pricing for Profit in Inflationary Times	02/06/2023 10:30 - 11:30	B315	Free Industry Sessions
Cultivating Talent: Tackling the Tech Shortage	02/06/2023 10:30 - 11:30	B316	Free Industry Sessions
Psychrometrics Without Tears: All You Ever Wanted to Know About Air and More!	02/06/2023 10:30 - 12:00	B308	Free Industry Sessions
ASHRAE Duct Fitting Database and ASHRAE Duct Design Guide	02/06/2023 10:30 - 12:00	C102	Free Industry Sessions
HVAC Regulatory Landscape - 2024 and Beyond	02/06/2023 10:45 - 11:05	Theater A	New Product & Technology Presentations
Empower Smart, Healthy Homes with Panasonic and Swidget Modular Smart Controls	02/06/2023 10:45 - 11:05	Theater B	New Product & Technology Presentations

It's Electric! Electric Heating & Cooling with Trane's New Ascend Air to Water Heat Pump	02/06/2023 10:45 - 11:05	Theater C	New Product & Technology Presentations
E3 Supervisory Controls for CO ₂ Refrigeration Systems from Emerson	02/06/2023 10:45 - 11:05	Theater D	New Product & Technology Presentations
BACnet-centric Guidespec	02/06/2023 11:00 - 12:00	B314	Free Industry Sessions
Innovative Flame Free PP-RCT Piping Solutions and Safety-Pol	02/06/2023 11:15 - 11:35	Theater A	New Product & Technology Presentations
Combustion Analyzers Your Way, Backed by UEI's Outstanding Service+	02/06/2023 11:15 - 11:35	Theater B	New Product & Technology Presentations
Accountable Indoor Air Quality	02/06/2023 11:15 - 11:35	Theater C	New Product & Technology Presentations
Forane 516A: Very-Low GWP R-134a Replacement Refrigerant	02/06/2023 11:15 - 11:35	Theater D	New Product & Technology Presentations
Cooling Tower Fundamentals	02/06/2023 11:30 - 12:30	B311	Free Industry Sessions
New IP Controllers from EasyIO by Johnson Controls	02/06/2023 11:45 - 12:05	Theater A	New Product & Technology Presentations
Energy (BTU) Hydronic System for BAS Optimization with Non-Contact Flow & Temp	02/06/2023 11:45 - 12:05	Theater B	New Product & Technology Presentations
Top Considerations for Selecting Remote Controls for Boiler Systems	02/06/2023 11:45 - 12:05	Theater C	New Product & Technology Presentations
Why You Need a HOBO in Your Toolbox! (It's a data logger)	02/06/2023 11:45 - 12:05	Theater D	New Product & Technology Presentations
Our Opportunity in ESG: The Need for Automation to Meet Owner's ESG & Carbon Reduction Goals	02/06/2023 12:00 - 01:00	B309	Free Industry Sessions
Key Performance Metrics for Energy and Facility Managers	02/06/2023 12:00 - 01:00	B312	Free Industry Sessions
Fabtek Boiler Blowdown Separators with Optional Aftercooler Kit	02/06/2023 12:15 - 12:35	Theater A	New Product & Technology Presentations
75F® HyperStat™ BACnet: Comprehensive IAQM in One Device	02/06/2023 12:15 - 12:35	Theater B	New Product & Technology Presentations
Optimizing Outdated Buildings Fast and Cost-Efficiently	02/06/2023 12:15 - 12:35	Theater C	New Product & Technology Presentations

Advanced Refrigeration Technology for Ultra-Efficient Dehumidification (CANCELLED)	02/06/2023 12:15 - 12:35	Theater D	New Product & Technology Presentations
Expect More From Your Building: Let's Rethink Control – and Optimize Your Results	02/06/2023 12:15 - 12:35	Theater D	New Product & Technology Presentations
Beyond Monitoring IAQ: Achieve Low Carbon Healthy Buildings with Advanced Analytics	02/06/2023 12:45 - 01:05	Theater A	New Product & Technology Presentations
Propane Window Heater	02/06/2023 12:45 - 01:05	Theater B	New Product & Technology Presentations
HVAC/R Coatings in a Changing World	02/06/2023 12:45 - 01:05	Theater C	New Product & Technology Presentations
Scalable Small Building - A Unified Automation Approach	02/06/2023 12:45 - 01:05	Theater D	New Product & Technology Presentations
Why You Should Use Solar HVAC Units in Your Projects	02/06/2023 1:00 - 02:00	B310	Free Industry Sessions
Update on Fan-Efficiency Regulations Finalized for California and In Progress for U.S. Department of Energy	02/06/2023 1:00 - 02:00	B313	Free Industry Sessions
Deploying BACnet/SC	02/06/2023 1:00 - 02:00	B314	Free Industry Sessions
Marketing Myth Busters - 2023 Paid & Organic Marketing Dos and Don'ts	02/06/2023 1:00 - 02:00	B315	Free Industry Sessions
Necessity of Filtration on Open Cooling Systems	02/06/2023 1:00 - 02:00	B316	Free Industry Sessions
Real World Application of ANSI/ASHRAE Standard 221	02/06/2023 1:00 - 02:00	B316	Free Industry Sessions
Basics of Refrigerant Changeover	02/06/2023 1:00 - 02:00	C102 Auditorium	Free Industry Sessions
Digital Controllers for Commercial Refrigeration	02/06/2023 1:15 - 01:35	Theater A	New Product & Technology Presentations
Textile Air Dispersion: The Smart, Creative Way to Ensure Occupant Comfort	02/06/2023 1:15 - 01:35	Theater B	New Product & Technology Presentations
Little Giant Solutions	02/06/2023 1:15 - 01:35	Theater C	New Product & Technology Presentations
Weil-McLain Introduces the Enhanced SVF 500 – 3000 MBH Commercial Boiler Line	02/06/2023 1:15 - 01:35	Theater D	New Product & Technology Presentations
Monday Live! & C4SB at AHR “The Great Convergence”	02/06/2023 1:15 - 02:45	B309	Free Industry Sessions
Fundamentals of Test, Adjust, & Balance for Engineers, Cx & Energy Providers	02/06/2023 1:30 - 02:30	B308	Free Industry Sessions

What's in it for Me? A Closer Look at Inflation Reduction Act Incentives	02/06/2023 1:30 - 02:30	B312	Free Industry Sessions
The Foundation of Comfort - Room Sensors	02/06/2023 1:45 - 02:05	Theater A	New Product & Technology Presentations
Crowcon HVAC Range Expansion: Save Time and Money with our New HVAC Products!	02/06/2023 1:45 - 02:05	Theater B	New Product & Technology Presentations
Eco-Friendly Lync Aegis CO2 Heat Pump Water Heaters Aid in Decarbonization	02/06/2023 1:45 - 02:05	Theater C	New Product & Technology Presentations
Agile MEP Schematics & Revit! What Used to Take Days and Weeks Now Takes Minutes and Hours	02/06/2023 1:45 - 02:05	Theater D	New Product & Technology Presentations
Shaft Voltage Detection Device for VFD Driven Motors	02/06/2023 2:15 - 02:35	Theater A	New Product & Technology Presentations
C-Tork & CP Compact Electric Actuators by RuB Inc	02/06/2023 2:15 - 02:35	Theater B	New Product & Technology Presentations
AERCO Benchmark & SmartPlate EV Combination Plant: Greater Efficiency, Low Operational Costs	02/06/2023 2:15 - 02:35	Theater C	New Product & Technology Presentations
Latest Technology Leading Hot Water Recirculation Systems to Save Water, Energy, Fees	02/06/2023 2:15 - 02:35	Theater D	New Product & Technology Presentations
Energy Rating Labels: Resource to Increase the Efficiency of Pumping Systems	02/06/2023 2:30 - 03:30	B306	Free Industry Sessions
The EQ6 Model: How to be Human in a Technical World	02/06/2023 2:30 - 03:30	B310	Free Industry Sessions
Your Questions About Life-Safety Dampers Answered!	02/06/2023 2:30 - 03:30	B313	Free Industry Sessions
Recruitment through Brand Marketing: How to Build Your Team by Building Your Reputation	02/06/2023 2:30 - 03:30	B315	Free Industry Sessions
Cure the HVAC Equipment Failure Epidemic with Simple Air Upgrades	02/06/2023 2:30 - 03:30	B316	Free Industry Sessions
Communication Across the Supply Chain: Mapping the Channel and Flow of Information	02/06/2023 2:30 - 03:30	C102 Auditorium	Free Industry Sessions
Rental Boiler Contingency Plan	02/06/2023 2:45 - 03:05	Theater A	New Product & Technology Presentations
Low GWP Heat Pump Water Heater for Multifamily, Dorms, Mixed Use Buildings	02/06/2023 2:45 - 03:05	Theater B	New Product & Technology Presentations
A Service Software Built for Your Industry	02/06/2023 2:45 - 03:05	Theater C	New Product & Technology Presentations

Maximizing Uptime for Mission Critical Applications	02/06/2023 2:45 - 03:05	Theater D	New Product & Technology Presentations
Best Practices for Installing DDC Systems	02/06/2023 2:45 - 05:45	A313	ASHRAE Learning Institute Courses (\$)
Save 40% by Complying with Standard 90.1-2019	02/06/2023 2:45 - 05:45	A315	ASHRAE Learning Institute Courses (\$)
Principles of Building Commissioning: ASHRAE Guideline 0 and Standard 202	02/06/2023 2:45 - 05:45	A316	ASHRAE Learning Institute Courses (\$)
The Importance of Software in Assisted Living Environments	02/06/2023 3:00 - 03:30	B312	Free Industry Sessions
Metaverse, Digital Twins, and Augmented Reality: Emerging Technologies Will Change How We Interact with the Built Space	02/06/2023 3:00 - 03:45	B309	Free Industry Sessions
System Sustainability? Prove It with Certified Performance!	02/06/2023 3:00 - 04:00	B308	Free Industry Sessions
What You Should Know About Steam Boiler Feedwater Systems	02/06/2023 3:00 - 04:00	B311	Free Industry Sessions
Simulation-Based Design of Power Electronics Controllers for Compressors in HVAC&R Systems	02/06/2023 3:15 - 03:35	Theater A	New Product & Technology Presentations
NOVO Combustion Analyzer - the NEW Era of Combustion Analysis	02/06/2023 3:15 - 03:35	Theater B	New Product & Technology Presentations
The Documentation Process You've Been Waiting For	02/06/2023 3:15 - 03:35	Theater C	New Product & Technology Presentations
Smart Compressor Control	02/06/2023 3:15 - 03:35	Theater D	New Product & Technology Presentations
Next-Level Innovations in Residential Dehumidifiers (CANCELLED)	02/06/2023 3:45 - 04:05	Theater A	New Product & Technology Presentations
Using SaaS to Design PCB Stator Electric Motors with Premium Performance for HVACR	02/06/2023 3:45 - 04:05	Theater A	New Product & Technology Presentations
JoinTheTrades.com - A Better Way to Recruit Skilled Labor	02/06/2023 3:45 - 04:05	Theater B	New Product & Technology Presentations
First Co Product Overview	02/06/2023 3:45 - 04:05	Theater C	New Product & Technology Presentations
Tracer Gasses for Leak Testing, Performance, Availability and Alternatives	02/06/2023 3:45 - 04:05	Theater D	New Product & Technology Presentations
Quantifying the Importance of Technician Training and Certification	02/06/2023 4:00 - 04:30	B316	Free Industry Sessions
Project Haystack - The Key to Data Modeling and Value	02/06/2023 4:00 - 05:00	B309	Free Industry Sessions

Innovations in Thermal Energy Storage	02/06/2023 4:00 - 05:00	B310	Free Industry Sessions
Environmental Benefits of Use of Circulating Fans	02/06/2023 4:00 - 05:00	B313	Free Industry Sessions
Why You're Not Closing the Deal	02/06/2023 4:00 - 05:00	B315	Free Industry Sessions
Assuming the Outdoor Level of CO2 is Bad for Your Wallet and Health	02/06/2023 4:15 - 04:35	Theater A	New Product & Technology Presentations
Latest Generation of Power Components Make VFDs a Clean Power Revolution	02/06/2023 4:15 - 04:35	Theater B	New Product & Technology Presentations
Ultra-Lightweight, >25% Weight Savings, FireMaster FastWrap XLS Silver	02/06/2023 4:15 - 04:35	Theater C	New Product & Technology Presentations
Simplifying Your Gas Detection System Configuration	02/06/2023 4:15 - 04:35	Theater D	New Product & Technology Presentations
Fundamentals of Adiabatic Heat Rejection	02/06/2023 4:30 - 05:30	B308	Free Industry Sessions
State-of-the-Art Smart Building Current and Future Technologies	02/06/2023 4:45 - 05:05	Theater A	New Product & Technology Presentations
ACG Building Systems Commissioning Guideline	02/06/2023 4:45 - 05:05	Theater B	New Product & Technology Presentations
Intelligent All-Seasons AAHX Energy Recovery with Efficient Low Pressure	02/06/2023 4:45 - 05:05	Theater C	New Product & Technology Presentations
DAMA – A Fresh Approach to Energy Efficient Cooling of Outdoor Air	02/06/2023 4:45 - 05:05	Theater D	New Product & Technology Presentations
LG's Latest Technology and New Products - Compressor & Motor	02/06/2023 5:15 - 05:35	Theater A	New Product & Technology Presentations
Finding Your Way Around the Global BACnet Community	02/06/2023 5:15 - 05:35	Theater B	New Product & Technology Presentations
Empower Your Back-Office, Drive Better Customer Outcomes, & Harness the Power of Microsoft	02/06/2023 5:15 - 05:35	Theater C	New Product & Technology Presentations
Potential Energy Savings and Financial Payback of Selecting Efficient Circulators	02/06/2023 5:15 - 05:35	Theater D	New Product & Technology Presentations
Building Automation Adapts to the Smart Grid	02/07/2023 8:00 - 08:45	B314	Free Industry Sessions
Div 2525 Spec – Will This Finally Solve the Industry's Interoperability Problems?	02/07/2023 8:00 - 08:45	B314	Free Industry Sessions

Low GWP Refrigerant Advancements for Decarbonization Part 1	02/07/2023 8:00 - 09:30	B308	Free ASHRAE Conference Sessions
Market Intelligence to Help You Make Growth Plans in the Current Markets	02/07/2023 8:00 - 10:00	B312	Free Industry Sessions
Commissioning Authority (CxA) Workshop & Exam, Day 1 of 2	02/07/2023 8:00 - 05:00	B218	Certification Exams (\$)
Energy Management Professional (EMP) Seminar, Day 1 of 2	02/07/2023 8:00 - 05:00	C209	Certification Exams (\$)
Turning Chaos into Creative Change: Day 2 Intro & Session Review	02/07/2023 9:00 - 09:15	B309	Free Industry Sessions
The Regulatory Report: 2022 Changes and What You Need to Know in 2023	02/07/2023 9:00 - 10:00	B310	Free Industry Sessions
Duct Termination Fitting Impacts on Residential Kitchen Range Hood Performance & Ratings	02/07/2023 9:00 - 10:00	B311	Free Industry Sessions
Minimizing & Troubleshooting Fan System Effects	02/07/2023 9:00 - 10:00	B313	Free Industry Sessions
HVAC Regulatory Changes: What Can Companies Do to Prepare & Leverage Opportunities?	02/07/2023 9:00 - 10:00	B315	Free Industry Sessions
Sell High-Performance HVAC Through Homeowner Education	02/07/2023 9:00 - 10:00	B316	Free Industry Sessions
Introduction to BACnet®	02/07/2023 9:00 - 12:00	A313	ASHRAE Learning Institute Courses (\$)
V in HVAC – Efficiently Improving IAQ using the Ventilation Rate Procedures	02/07/2023 9:00 - 12:00	A316	ASHRAE Learning Institute Courses (\$)
Healthcare Facilities: Best Practices for HVAC Design and Operation	02/07/2023 9:00 - 04:00	A314	ASHRAE Learning Institute Courses (\$)
Commercial Building Energy Audits	02/07/2023 9:00 - 04:00	A315	ASHRAE Learning Institute Courses (\$)
Creating Sustainable Buildings with Smart Spaces and Open Web Services	02/07/2023 9:15 - 10:00	B314	Free Industry Sessions
BAS in the Cloud, the Future of Industry	02/07/2023 9:15 - 10:15	B309	Free Industry Sessions
Low GWP Refrigerant Advancements for Decarbonization Part 2	02/07/2023 9:45 - 10:45	B308	Free ASHRAE Conference Sessions
HVACR State of the Industry Leadership Panel Discussion: Today's Market, Challenges, Opportunities and What's Ahead	02/07/2023 10:00 - 11:00	C102 Auditorium	Free Industry Sessions
Cold Climate Decarbonization Solutions: High-Performance High-Temp Heat Pumps	02/07/2023 10:15 - 10:35	Theater A	New Product & Technology Presentations
BurnerMate Universal & FlexFit: Linkageless Total Boiler Room Control	02/07/2023 10:15 - 10:35	Theater B	New Product & Technology Presentations
Integrated Direct Drive Fan Motors (IFM Range)	02/07/2023 10:15 - 10:35	Theater C	New Product & Technology Presentations

Create Connection & Comfort with Supplemental Electric Heat by Marley Engineered Products	02/07/2023 10:15 - 10:35	Theater D	New Product & Technology Presentations
Accelerating Integration of Cloud-Based Building Analytics Solutions with Existing BCS	02/07/2023 10:30 - 11:15	B314	Free Industry Sessions
How to Demand Interoperability for a Smarter Building and Why it's so Important (CANCELLED)	02/07/2023 10:30 - 11:15	B314	Free Industry Sessions
The Move from Smart Buildings to Smarter Buildings	02/07/2023 10:30 - 11:30	B309	Free Industry Sessions
Water Restoration and Indoor Air Quality Solutions	02/07/2023 10:30 - 11:30	B310	Free Industry Sessions
How Things Look Matter – But How Do You Protect Them	02/07/2023 10:30 - 11:30	B311	Free Industry Sessions
Understanding the R744 (p)-h Diagram is Key to Understanding CO2 Refrigeration	02/07/2023 10:30 - 11:30	B312	Free Industry Sessions
Damper Application Manuals & Fire/Smoke Damper Updates	02/07/2023 10:30 - 11:30	B313	Free Industry Sessions
Regulatory Turbulence Affecting HVAC	02/07/2023 10:30 - 11:30	B315	Free Industry Sessions
Choose The Right Tools to Redesign HVAC Systems for Electrification	02/07/2023 10:30 - 11:30	B316	Free Industry Sessions
Redundant Variable Frequency Drive (VFD) Solutions - When Bypass is Not an Option	02/07/2023 10:45 - 11:05	Theater A	New Product & Technology Presentations
Simplifying HVAC Installation with the White-Rodgers Connect Mobile App	02/07/2023 10:45 - 11:05	Theater B	New Product & Technology Presentations
Building X: A Cloud-Based, AI-Enabled Connectivity Platform for Smart Systems	02/07/2023 10:45 - 11:05	Theater C	New Product & Technology Presentations
Advanced Digital Electromagnetic Flow and Energy Metering for High Performance Buildings	02/07/2023 10:45 - 11:05	Theater D	New Product & Technology Presentations
Low GWP Refrigerant Advancements for Decarbonization Part 3	02/07/2023 11:00 - 12:30	B308	Free ASHRAE Conference Sessions
See the Purpose Built Combustion Analyzer Line Designed with Input from Contractors	02/07/2023 11:15 - 11:35	Theater A	New Product & Technology Presentations
Turndown for What?	02/07/2023 11:15 - 11:35	Theater B	New Product & Technology Presentations
Computrols Latest Innovation: The Serial Connector	02/07/2023 11:15 - 11:35	Theater C	New Product & Technology Presentations
Cleaver-Brooks Launches Industrial Dual Fuel Condensing Boiler	02/07/2023 11:15 - 11:35	Theater D	New Product & Technology Presentations

PassiveLogic Powered by Quantum: Automation for the Whole Building Life Cycle	02/07/2023 11:45 - 12:05	Theater A	New Product & Technology Presentations
Solutions for C19400 Copper Iron Tube Fabrication	02/07/2023 11:45 - 12:05	Theater B	New Product & Technology Presentations
Integrated Ventilation and Fresh Air	02/07/2023 11:45 - 12:05	Theater C	New Product & Technology Presentations
AIRCARE Monitor for Superior Indoor Air Quality Awareness	02/07/2023 11:45 - 12:05	Theater D	New Product & Technology Presentations
Cost Effective IP-Based High-Speed Wireline Communication Technology	02/07/2023 12:00 - 12:45	B314	Free Industry Sessions
Trends in BAS Design & Specifications and the Future Role of Div 2525	02/07/2023 12:00 - 01:00	B309	Free Industry Sessions
New Louver Models From United Enertech and Their Applications: D-HFA-6 & WDV-75	02/07/2023 12:15 - 12:35	Theater A	New Product & Technology Presentations
The Loadmodeling.tool: A Web-Based Platform Built for Mechanical Engineers	02/07/2023 12:15 - 12:35	Theater B	New Product & Technology Presentations
Is a One-Year, One-Inch HVAC Air Filter Possible? Meet Castle Filters.	02/07/2023 12:15 - 12:35	Theater C	New Product & Technology Presentations
Vertical Farms: Cannabis to Leafy Greens and Everything in Between	02/07/2023 12:15 - 12:35	Theater D	New Product & Technology Presentations
Best Practices for K-12 and Higher Education Facilities	02/07/2023 12:30 - 01:30	B310	Free Industry Sessions
The Connected Home and AI	02/07/2023 12:30 - 01:30	B316	Free Industry Sessions
NAFA CAFS Testing and 2-Hour Tutorial; NCT Testing	02/07/2023 12:30 - 04:30	B306	Certification Exams (\$)
Maestro - The Inverter Heat Pump with No Outdoor Unit	02/07/2023 12:45 - 01:05	Theater A	New Product & Technology Presentations
Automation and Construction of MV (4V) Products	02/07/2023 12:45 - 01:05	Theater B	New Product & Technology Presentations
Factors to Consider to Achieve a Weather-Tight Door	02/07/2023 12:45 - 01:05	Theater C	New Product & Technology Presentations
Introducing the Ray Magic® NK Radiant Ceiling Panel for Heating and Cooling	02/07/2023 12:45 - 01:05	Theater D	New Product & Technology Presentations
How to Effectively Increase Your Pricing	02/07/2023 1:00 - 01:30	B312	Free Industry Sessions

Geothermal Coupled Piped Infrastructure Upgrades Are Balancing Our Energy Budget	02/07/2023 1:00 - 02:00	B311	Free Industry Sessions
Be Mentally Tough	02/07/2023 1:00 - 02:00	B313	Free Industry Sessions
Decarbonization and the Future of HVAC	02/07/2023 1:00 - 02:00	C102 Auditorium	Free Industry Sessions
Smart Solutions for Climate Design	02/07/2023 1:00 - 04:00	A313	ASHRAE Learning Institute Courses (\$)
New OEM Sensor Module for A2L Refrigerant Leak Detection	02/07/2023 1:15 - 01:35	Theater A	New Product & Technology Presentations
Coating Technology to Support Engineering a Cleaner, Healthier World	02/07/2023 1:15 - 01:35	Theater B	New Product & Technology Presentations
Discover Smatrix Pulse: A Multizone Wireless Control for Both Radiant and Air-Side Comfort	02/07/2023 1:15 - 01:35	Theater C	New Product & Technology Presentations
WebCTRL Cloud and the Benefits of SaaS	02/07/2023 1:15 - 01:35	Theater D	New Product & Technology Presentations
BACnet/SC as a Foundation for Secure & Interoperable BAS Cybersecurity	02/07/2023 1:15 - 02:45	B309	Free Industry Sessions
Successful Call Centers: What the Data Reveals	02/07/2023 1:30 - 02:30	B315	Free Industry Sessions
Efficiencies of Decentralized DHW Systems in Hydronic Conditioned Multi-Unit Buildings	02/07/2023 1:30 - 03:00	B308	Free ASHRAE Conference Sessions
Adiabatic Technology: Cooling and Humidification While Reducing Energy Usage and Costs	02/07/2023 1:45 - 02:05	Theater A	New Product & Technology Presentations
The RE Series™ is the Most Advanced Non-Condensing Tankless Water Heater on the Market	02/07/2023 1:45 - 02:05	Theater B	New Product & Technology Presentations
Ventilation Innovation: A New Method to Measure Buildings' Air Intake	02/07/2023 1:45 - 02:05	Theater C	New Product & Technology Presentations
Sustainability - Solutions for a Better Future	02/07/2023 1:45 - 02:05	Theater D	New Product & Technology Presentations
Mejores Prácticas para las Instalaciones de Filtración de los Edificios Educativos K-12 y de Educación Superior	02/07/2023 2:00 - 03:00	B310	Free Industry Sessions
Be a Catalyst for Change: Troubleshooting the Biases of Women in HVACR Technical Roles	02/07/2023 2:00 - 03:00	B312	Free Industry Sessions
Healthy Buildings and Indoor Environmental Quality	02/07/2023 2:00 - 03:00	B316	Free Industry Sessions
The H20 T1000 Smart Thermostat: Wise Decision in Our Energy Conscious World	02/07/2023 2:15 - 02:35	Theater A	New Product & Technology Presentations

Introduction to the New Runwell™ Exterior Wall-Mount Air Conditioner	02/07/2023 2:15 - 02:35	Theater B	New Product & Technology Presentations
FrostShield: Defrost-Free Heat Pumps	02/07/2023 2:15 - 02:35	Theater C	New Product & Technology Presentations
More Sales Through Analytics	02/07/2023 2:15 - 02:35	Theater D	New Product & Technology Presentations
Plastic Pressure Piping Materials for Mechanical Applications	02/07/2023 2:30 - 03:30	B311	Free Industry Sessions
Estimating Part-Load Performance of Fan Motors and Drives Using AMCA Standard 207	02/07/2023 2:30 - 03:30	B313	Free Industry Sessions
AMCA 270: Laboratory Methods of Aerodynamic Testing Fan Arrays for Rating	02/07/2023 2:30 - 03:30	B313b	Free Industry Sessions
CEE Integrated Home Competition Awards Ceremony	02/07/2023 2:30 - 03:30	B314	Free Industry Sessions
Modular Scalable System Using Sensor-Transmitters Communicating to a Central Panel	02/07/2023 2:45 - 03:05	Theater A	New Product & Technology Presentations
PURO Fighter Flex System. The Customizable, Game-Changing UV-C Kit for HVAC Systems	02/07/2023 2:45 - 03:05	Theater B	New Product & Technology Presentations
Fan System with Biomimetic Principles	02/07/2023 2:45 - 03:05	Theater C	New Product & Technology Presentations
Accommodating for Piping Movement in Thermal Expansion and Contraction with Victaulic Grooved Solutions	02/07/2023 2:45 - 03:05	Theater D	New Product & Technology Presentations
Smart Buildings Academy - IP Networking Fundamentals for Construction Professionals	02/07/2023 3:00 - 04:00	B309	Free Industry Sessions
Regulatory Update: The Latest on Refrigerant Rulemaking and Safety Standards	02/07/2023 3:00 - 04:00	B315	Free Industry Sessions
Duct Saddles, No Kinking, No Sagging, Just Unrestricted Airflow for Maximum Efficiency!	02/07/2023 3:15 - 03:35	Theater A	New Product & Technology Presentations
The Largest Semi-Hermetic CO2 Compressor Available in the Market, UL and cUL Listed	02/07/2023 3:15 - 03:35	Theater B	New Product & Technology Presentations
Advanced Technology and Combustion Controls in PVI Centurion Water Heaters	02/07/2023 3:15 - 03:35	Theater C	New Product & Technology Presentations
IAQ Sensing for Healthy Buildings: Why and How?	02/07/2023 3:15 - 03:35	Theater D	New Product & Technology Presentations
Predictive Maintenance and AI in Intelligent Buildings	02/07/2023 3:30 - 04:30	B316	Free Industry Sessions

Flowt Air Diffusers	02/07/2023 3:45 - 04:05	Theater A	New Product & Technology Presentations
New BACnet/SC Router from Contemporary Controls Along with Other New BACnet Products	02/07/2023 3:45 - 04:05	Theater B	New Product & Technology Presentations
STEP HEAT Low Voltage Radiant Floor Heating	02/07/2023 3:45 - 04:05	Theater C	New Product & Technology Presentations
Futureproofing User Centric Infrastructures with Self-Commissioning Smart Air Terminals	02/07/2023 3:45 - 04:05	Theater D	New Product & Technology Presentations
Resilient HVAC Systems Meet Today's Demands and Tomorrow's Need	02/07/2023 4:00 - 05:00	B311	Free Industry Sessions
Harmonization of Standards In the Industry	02/07/2023 4:00 - 05:00	B313	Free Industry Sessions
Working Back from the Future	02/07/2023 4:00 - 06:00	B312	Free Industry Sessions
Optimize Your System Design with IEC SureFlow and Hydronic Fan Coils	02/07/2023 4:15 - 04:35	Theater A	New Product & Technology Presentations
NEO Net Energy Optimizer® Energy Modeling HVAC Product Catalogs	02/07/2023 4:15 - 04:35	Theater B	New Product & Technology Presentations
Future-Proof Your Structure	02/07/2023 4:15 - 04:35	Theater C	New Product & Technology Presentations
POLAR AIR Intelligent Fan Coils: Simultaneously Manage Comfort and Efficiency	02/07/2023 4:15 - 04:35	Theater D	New Product & Technology Presentations
AEM New & Unique Absorption Humidifier	02/07/2023 4:45 - 05:05	Theater A	New Product & Technology Presentations
The Hidden Cost of Ownership in the HVAC-R Sector	02/07/2023 4:45 - 05:05	Theater B	New Product & Technology Presentations
New ProLon Wireless Adapter	02/07/2023 4:45 - 05:05	Theater C	New Product & Technology Presentations
Ecogren ASHP Heat Pumps High Lift Low GWP Ref	02/07/2023 4:45 - 05:05	Theater D	New Product & Technology Presentations
Oweld Water Gas Generator Obtains Gas From Water Through Electrolysis of Water	02/07/2023 5:15 - 05:35	Theater A	New Product & Technology Presentations
Commercial Hydronic Heating and Cooling System Design: Corrosion & the Need for Protection	02/07/2023 5:15 - 05:35	Theater B	New Product & Technology Presentations

Optimize Geothermal Efficiency with the New iGate2® Smart Thermostat	02/07/2023 5:15 - 05:35	Theater C	New Product & Technology Presentations
Crushing the Labor Shortage with Technology	02/07/2023 5:15 - 05:35	Theater D	New Product & Technology Presentations
Commissioning Authority (CxA) Workshop & Exam, Day 2 of 2	02/08/2023 8:00 - 05:00	B218	Certification Exams (\$)
Energy Management Professional (EMP) Seminar, Day 2 of 2	02/08/2023 8:00 - 05:00	C209	Certification Exams (\$)
Louvers 101: Selection & Application	02/08/2023 9:00 - 10:00	B313	Free Industry Sessions
Dampers: Data Collection on Remote Damper Testing	02/08/2023 9:00 - 10:00	B313b	Free Industry Sessions
Why a Memorable Brand is the Make It or Break It of Your Company	02/08/2023 9:00 - 10:00	B315	Free Industry Sessions
New Market Challenges in Light Commercial TAB	02/08/2023 9:00 - 10:00	B316	Free Industry Sessions
The Distribution Efficiency and the Adaptability of Hydronics	02/08/2023 10:00 - 11:00	B314	Free Industry Sessions
HVAC & Social Media: Strengthening the Trade with a Community Mindset	02/08/2023 10:00 - 11:00	C102 Auditorium	Free Industry Sessions
The NEW "Data Center Cooling" Fan Wheel From punker	02/08/2023 10:15 - 10:35	Theater A	New Product & Technology Presentations
How Acorn's Financing Marketplace Can Grow Your HVACR Business 30-50%	02/08/2023 10:15 - 10:35	Theater B	New Product & Technology Presentations
Learn About the New Addition to MRCOOL's DIY Family of Products	02/08/2023 10:15 - 10:35	Theater C	New Product & Technology Presentations
Industry 4.0 & The Power of Modern AHU Selection Software	02/08/2023 10:15 - 10:35	Theater D	New Product & Technology Presentations
How Women are Impacting the Industry and What You Can Do to Help	02/08/2023 10:30 - 11:30	B313	Free Industry Sessions
Succession Planning: Set Sail Together (CANCELLED)	02/08/2023 10:30 - 11:30	B315	Free Industry Sessions
Using Automation to Build Lasting Relationships with Your Customers at Scale	02/08/2023 10:30 - 11:30	B315	Free Industry Sessions
Women in Cooling: a Worldwide Survey	02/08/2023 10:30 - 11:30	B316	Free Industry Sessions
Instantaneous Condensing Water Heater (CANCELLED)	02/08/2023 10:45 - 11:05	Theater A	New Product & Technology Presentations
Bringing Automation and Energy Savings to Multi-Site Retail with Small Building Footprints (CANCELLED)	02/08/2023 10:45 - 11:05	Theater B	New Product & Technology Presentations

Widest Range of Oil Separators	02/08/2023 10:45 - 11:05	Theater B	New Product & Technology Presentations
Bending Toward the Future: Introducing the NTB7L Battery-Operated Tubing Bender	02/08/2023 10:45 - 11:05	Theater C	New Product & Technology Presentations
Revolutionary AI Tool for Autocommissioning and Fault Detection for BMS Projects	02/08/2023 10:45 - 11:05	Theater D	New Product & Technology Presentations
A Secure Energy Future Starts with SunEarth	02/08/2023 11:15 - 11:35	Theater A	New Product & Technology Presentations
A Ventilation Solution for the Speculative Construction Marketplace	02/08/2023 11:15 - 11:35	Theater B	New Product & Technology Presentations
Eliminating the Problems of Standard Air Purification Equipment	02/08/2023 11:15 - 11:35	Theater C	New Product & Technology Presentations
MAX Twintiers	02/08/2023 11:15 - 11:35	Theater D	New Product & Technology Presentations
AI, Machine Learning, and Technology - What You Need to Know for Your Business!	02/08/2023 11:30 - 12:30	B314	Free Industry Sessions
HVAC Customers For Life: How to Turn \$25 Leads Into \$25,000 Raving Fans	02/08/2023 11:45 - 12:05	Theater A	New Product & Technology Presentations
ACES - Advanced Overspray Collection Technology	02/08/2023 11:45 - 12:05	Theater B	New Product & Technology Presentations
Work Smarter with Takeoffs	02/08/2023 11:45 - 12:05	Theater C	New Product & Technology Presentations
Sharp's New Heat Pump Series & "AIREST", a Heat Pump with Built-In Air Purifier	02/08/2023 11:45 - 12:05	Theater D	New Product & Technology Presentations
Financing Your Succession Plan: Seller and Buyer Options	02/08/2023 12:00 - 01:00	B316	Free Industry Sessions
Intelligent Power Quality Solutions for EC Motors in HVAC Systems	02/08/2023 12:15 - 12:35	Theater A	New Product & Technology Presentations
Essency, The World's First On-Demand Tank Water Heater	02/08/2023 12:15 - 12:35	Theater B	New Product & Technology Presentations
New Applications and Treatments for Copper and Aluminum Coils	02/08/2023 12:15 - 12:35	Theater C	New Product & Technology Presentations
Is the Value of Your Business In Line With Your Personal Goals?	02/08/2023 12:15 - 12:35	Theater D	New Product & Technology Presentations

Edge Computing- New Container DC	02/08/2023 12:45 - 01:05	Theater A	New Product & Technology Presentations
Pricing: From Pain to Paradise	02/08/2023 12:45 - 01:05	Theater B	New Product & Technology Presentations
Next Generation Air Core Technology	02/08/2023 12:45 - 01:05	Theater C	New Product & Technology Presentations
SpacePak's New Cold Climate Air-to-Water Heat Pump and High Performance Hydronic Solutions	02/08/2023 12:45 - 01:05	Theater D	New Product & Technology Presentations
Fan and System Curves with Fan Energy Index	02/08/2023 1:00 - 02:00	B313	Free Industry Sessions
The 5 HVAC Financing Solutions Every Contractor Should Understand	02/08/2023 1:00 - 02:00	B314	Free Industry Sessions
Benefits of Proactive Refrigeration Maintenance to Your Bottom Line and Workforce	02/08/2023 1:15 - 01:35	Theater A	New Product & Technology Presentations
LabSys Lab Data Management System	02/08/2023 1:15 - 01:35	Theater C	New Product & Technology Presentations
Pyure Insite™ - Indoor Air Quality Visibility and Control at Your Fingertips	02/08/2023 1:15 - 01:35	Theater D	New Product & Technology Presentations
MinebeaMistumi Leverages Two Distinct Technologies for Differential Pressure Sensing	02/08/2023 1:45 - 02:05	Theater A	New Product & Technology Presentations
How to Reduce Capital & Energy Costs for HVAC Systems	02/08/2023 1:45 - 02:05	Theater B	New Product & Technology Presentations
Earthquake? Viega MegaPress® Fittings Pass the Test	02/08/2023 1:45 - 02:05	Theater C	New Product & Technology Presentations
Reliable A2L Gas Sensor Compliant with UL60335-2-40	02/08/2023 1:45 - 02:05	Theater D	New Product & Technology Presentations
Pressures in a Ventilation and Fan System	02/08/2023 2:30 - 03:30	B313	Free Industry Sessions