

AHR Expo 2022 Sessions

Session Title	Date and Time	Location	Type
Professional Development Seminar: Commercial Building Energy Audits (code 60)	01/29/2022 8:00 - 03:00	Caesars Palace	ASHRAE Learning Institute Courses (\$)
Professional Development Seminar: Commissioning Process in New and Existing Buildings (code 61) (CANCELLED)	01/29/2022 8:00 - 03:00	Caesars Palace	ASHRAE Learning Institute Courses (\$)
Professional Development Seminar: Energy Modeling Best Practices and Applications (code 62)	01/29/2022 8:00 - 03:00	Caesars Palace	ASHRAE Learning Institute Courses (\$)
Short Course: Air-to-Air Energy Recovery Applications: Best Practices (code 63)	01/29/2022 12:00 - 03:00	Caesars Palace	ASHRAE Learning Institute Courses (\$)
Short Course: Advanced High-Performance Building Designs: Key Concepts for Lifelong Building Sustainability (code 64)	01/30/2022 3:30 - 06:30	N258	ASHRAE Learning Institute Courses (\$)
Short Course: Variable Refrigerant Flow Systems: Design & Applications (code 66) (CANCELLED)	01/30/2022 3:30 - 06:30	N260	ASHRAE Learning Institute Courses (\$)
Short Course: Laboratory Design: The Basics and Beyond (code 65)	01/30/2022 3:30 - 06:30	N262	ASHRAE Learning Institute Courses (\$)
Short Course: V in HVAC – What, Why, Where, How, and How Much (Includes Basic Requirements of Standard 62.1-2019) (code 67)	01/30/2022 3:30 - 06:30	N264	ASHRAE Learning Institute Courses (\$)
Trends in the Global HVAC Market (CANCELLED)	01/31/2022 8:00 - 10:00	N235/237	Free Industry Sessions
Short Course: Laboratory Exhaust Stacks: Safe and Energy-Efficient Design (code 68)	01/31/2022 8:30 - 11:30	N258	ASHRAE Learning Institute Courses (\$)
Short Course: Best Practices for Installing DDC Systems (code 69)	01/31/2022 8:30 - 11:30	N260	ASHRAE Learning Institute Courses (\$)
Short Course: Solar PV and Thermal Systems Analysis and Design (code 70)	01/31/2022 8:30 - 11:30	N262	ASHRAE Learning Institute Courses (\$)
BACnet Cyber Security Roadmap	01/31/2022 9:00 - 09:40	N235/237	Free Industry Sessions
HVAC Terminal System Selections: A Real-World Project Data Survey	01/31/2022 9:00 - 10:00	N233	Free Industry Sessions
Psychrometrics Without Tears... All You Ever Wanted to Know About Air and More!	01/31/2022 9:00 - 10:00	N234/236	Free Industry Sessions
Solar Thermal Hydronic System Technology	01/31/2022 9:00 - 10:00	N238/240	Free Industry Sessions
The Lead-Gen & Sales Process Shift in the HVAC Industry	01/31/2022 9:00 - 10:00	N242	Free Industry Sessions
Embodied and Whole Life Carbon - The New Metric for HVAC Equipment and Refrigerant	01/31/2022 9:00 - 10:00	N243	Free Industry Sessions
Navigating to Smarter Sustainable BAS	01/31/2022 9:30 - 10:30	N239	Free Industry Sessions

Making BACnet/SC Work for You (CANCELLED)	01/31/2022 10:00 - 10:40	N232	Free Industry Sessions
Surface Calorimeter Using Pumped Refrigerants (CANCELLED)	01/31/2022 10:15 - 10:35		New Product & Technology Presentations
Full Energy Recovery Chillers 4-in-1 Any Source	01/31/2022 10:15 - 10:35	Theater A - Booth N11926	New Product & Technology Presentations
STREAM is a Tiny Valve That Installs in Minutes on Your Main Water Line to Save Money	01/31/2022 10:15 - 10:35	Theater C - Booth N11936	New Product & Technology Presentations
Cooling Tower Fundamentals	01/31/2022 10:30 - 11:30	N232	Free Industry Sessions
Living with a Skill Gap-Designing Higher Efficiency Fans with a Less Experienced Workforce	01/31/2022 10:30 - 11:30	N233	Free Industry Sessions
The Science Behind Energy Consumption, Built Environment Hygiene, and HVAC System Maintenance in the Age of COVID	01/31/2022 10:30 - 11:30	N234/236	Free Industry Sessions
5G Hydronics	01/31/2022 10:30 - 11:30	N238/240	Free Industry Sessions
Counting Cash with Co-Op	01/31/2022 10:30 - 11:30	N241	Free Industry Sessions
Make the Most of Your Marketing Budget to Recruit New Talent and New Leads!	01/31/2022 10:30 - 11:30	N242	Free Industry Sessions
How to Be Human in a Technical World so You Can Be More Productive, Happier and Successful	01/31/2022 10:30 - 11:30	N243	Free Industry Sessions
Connections and Controls that Integrate Seamlessly Into a Building's Climate System (CANCELLED)	01/31/2022 10:45 - 11:05	Theater A - Booth N11926	New Product & Technology Presentations
Firetube and Watertube Systems	01/31/2022 10:45 - 11:05	Theater B	New Product & Technology Presentations
Daikin Fit - Fits Right In!	01/31/2022 10:45 - 11:05	Theater C - Booth N11936	New Product & Technology Presentations
What Comes Next and Managed BACnet (CANCELLED)	01/31/2022 11:00 - 11:40	N232	Free Industry Sessions
BAS Has Gone IP!	01/31/2022 11:00 - 12:00	N239	Free Industry Sessions
Futureproofing Your User Centric Hybrid Flex Space Infrastructure with Self Balancing Smart Air Terminals And ITAC- Intelligent Air Control	01/31/2022 11:15 - 11:35	Theater A - Booth N11926	New Product & Technology Presentations
Johnson Controls "HVAC Designer", Air, Hydronic, Controls All Integrated in One Web Application!	01/31/2022 11:15 - 11:35	Theater B - Booth N11931	New Product & Technology Presentations
The World's First Self-Renewing Air Purification System (CANCELLED)	01/31/2022 11:15 - 11:35	Theater B - Booth N11931	New Product & Technology Presentations

Exploring industry 4.0 with T-Drill's New TD Vault Cloud System	01/31/2022 11:15 - 11:35	Theater C - Booth N11936	New Product & Technology Presentations
Fundamentals of Cooling Tower Water Treatment	01/31/2022 11:30 - 12:30	N232	Free Industry Sessions
Solve the Skilled Trades Gap: Building the Next Generation of Workers with Interplay Learning	01/31/2022 11:45 - 12:05	Theater A - Booth N11926	New Product & Technology Presentations
Implementing BACnet/SC with the New OptiFlex™ Platform	01/31/2022 11:45 - 12:05	Theater B - Booth N11931	New Product & Technology Presentations
Delivery Healthy Indoor Air with the InspirAIR® Fresh High-Efficiency ERV	01/31/2022 11:45 - 12:05	Theater C	New Product & Technology Presentations
Pressure Sensor Accuracy Statements – How Accurate Are They?	01/31/2022 11:45 - 12:05	Theater C - Booth N11936	New Product & Technology Presentations
Air-Cooled vs. Water-Cooled HVAC Systems: Tools for Selecting the Right Cooling System	01/31/2022 12:00 - 01:00	N238/240	Free Industry Sessions
steamOres : Best in Class Residential Steam Humidifier!	01/31/2022 12:15 - 12:35	Theater A - Booth N11926	New Product & Technology Presentations
ABB's FusionAir Smart Sensor	01/31/2022 12:15 - 12:35	Theater B - Booth N11931	New Product & Technology Presentations
Using the Right Tools for A2L System Service	01/31/2022 12:15 - 12:35	Theater C - Booth N11936	New Product & Technology Presentations
The Role of Data in Achieving Smarter Buildings: Making Data Interoperable with Haystack	01/31/2022 12:30 - 01:00	N239	Free Industry Sessions
Basics of Fan Balance and Vibration (CANCELLED)	01/31/2022 12:30 - 01:30		Free Industry Sessions
Minimizing Fan System Effect	01/31/2022 12:30 - 01:30	N233	Free Industry Sessions
Hire + Fire + Retain = Culture	01/31/2022 12:30 - 01:30	N242	Free Industry Sessions
Braze-less, Tool-less HVAC/R Fitting to Connect Swage Valve to Tubes	01/31/2022 12:45 - 01:05	Theater A - Booth N11926	New Product & Technology Presentations
Spiracoustic Plus®: Your Spiral Duct Liner Solution	01/31/2022 12:45 - 01:05	Theater B - Booth N11931	New Product & Technology Presentations
Non-intrusive Digital Flow Solutions for High Performance Buildings	01/31/2022 12:45 - 01:05	Theater C - Booth N11936	New Product & Technology Presentations
Role of Boilers in the Age of Decarbonization	01/31/2022 1:00 - 02:00	N234/236	Free Industry Sessions
How to Win at Buzzword Bingo and to Succeed in the Age of AI within the World of HVACR (CANCELLED)	01/31/2022 1:00 - 02:00	N243	Free Industry Sessions

An Innovative Approach to Multi-circuit Monitoring in Electric Panels (CANCELLED)	01/31/2022 1:15 - 01:35		New Product & Technology Presentations
PV-DEDPV Dryer Exhaust Duct Power Ventilator	01/31/2022 1:15 - 01:35	Theater A - Booth N11926	New Product & Technology Presentations
Monitor and Facilitate Healthier Indoor Air Quality with Senva's TotalSense All-in-One, Indoor Air Quality Sensor	01/31/2022 1:15 - 01:35	Theater B - Booth N11931	New Product & Technology Presentations
Wireless Controls: Simplifying HVAC Systems Integration	01/31/2022 1:15 - 01:35	Theater C - Booth N11936	New Product & Technology Presentations
Recommendations for Periodic Testing, Adjusting and Balancing of Existing Buildings	01/31/2022 1:30 - 02:30	N232	Free Industry Sessions
Low GWP (A2L) Refrigerant Transition	01/31/2022 1:30 - 02:30	N238/240	Free Industry Sessions
Coalition for Smarter Buildings	01/31/2022 1:30 - 03:00	N239	Free Industry Sessions
2021 Innovation IAQ Award Winner	01/31/2022 1:45 - 02:05	Theater A - Booth N11926	New Product & Technology Presentations
BMS Companies and Building Managers Will Improve Productivity and Performance with CUBE BI Box	01/31/2022 1:45 - 02:05	Theater B - Booth N11931	New Product & Technology Presentations
Nonflammable Replacement for R-410A in A/C Applications	01/31/2022 1:45 - 02:05	Theater C - Booth N11936	New Product & Technology Presentations
Acoustical Design for the A/E/C Industry	01/31/2022 2:00 - 03:00	N233	Free Industry Sessions
BACnet 101: An Introduction to BACnet	01/31/2022 2:00 - 03:00	N235/237	Free Industry Sessions
Necessity of Filtration on Open Cooling Systems	01/31/2022 2:00 - 03:00	N241	Free Industry Sessions
Managing Employees to Stay	01/31/2022 2:00 - 03:00	N242	Free Industry Sessions
Compressor Innovation from Danfoss Turbocor®: Low GWP R1233zd w/Patented Hybrid Compression Design	01/31/2022 2:15 - 02:35	Theater A - Booth N11926	New Product & Technology Presentations
Generate More Value by Applying Artificial Intelligence to HVAC Systems with BrainBox AI	01/31/2022 2:15 - 02:35	Theater B - Booth N11931	New Product & Technology Presentations
Active Stairwell Pressurization Control	01/31/2022 2:15 - 02:35	Theater C - Booth N11936	New Product & Technology Presentations
Level Up Your LinkedIn (CANCELLED)	01/31/2022 2:30 - 03:30	N243	Free Industry Sessions

The Lift Dolly Enables a Single Person the Ability to Lift, Load, Transport and Unload! (CANCELLED)	01/31/2022 2:45 - 03:05		New Product & Technology Presentations
The Puzzle: Combining CDC Outside Air Guidelines and Technology for Cleaner Indoor Air	01/31/2022 2:45 - 03:05	Theater A - Booth N11926	New Product & Technology Presentations
75F Portfolio Analytics Manager, a Dynamic Data Analytics Dashboard	01/31/2022 2:45 - 03:05	Theater B - Booth N11931	New Product & Technology Presentations
Intelligent Power Quality Solutions for EC Motors in HVAC Systems	01/31/2022 2:45 - 03:05	Theater C - Booth N11936	New Product & Technology Presentations
Short Course: Latest in High-Performance Dedicated Outdoor Air Systems (DOAS) (code 73)	01/31/2022 2:45 - 05:45	N258	ASHRAE Learning Institute Courses (\$)
Short Course: Principles of Building Commissioning: ASHRAE Guideline 0 and Standard 202 (code 72) (CANCELLED)	01/31/2022 2:45 - 05:45	N260	ASHRAE Learning Institute Courses (\$)
Short Course: Save 40% by Complying with Standard 90.1-2019 (code 71)	01/31/2022 2:45 - 05:45	N262	ASHRAE Learning Institute Courses (\$)
Product Certification Promotes Sustainable Development	01/31/2022 3:00 - 04:00	N232	Free Industry Sessions
2021 Integrated Home Competition Innovation Highlights	01/31/2022 3:15 - 03:35	Theater A - Booth N11926	New Product & Technology Presentations
MCerberus® HVAC Remote Monitoring Case Studies (CANCELLED)	01/31/2022 3:15 - 03:35	Theater A - Booth N11926	New Product & Technology Presentations
New Residential Unitary and Room Air Products from MARS/Heat Controller	01/31/2022 3:15 - 03:35	Theater B - Booth N11931	New Product & Technology Presentations
VIS700/500 Inspection Camera Systems	01/31/2022 3:15 - 03:35	Theater C - Booth N11936	New Product & Technology Presentations
JAG Plate Heat Exchangers – Innovative Design with Enhanced Performance (CANCELLED)	01/31/2022 3:25 - 03:45	Theater C - Booth N11936	New Product & Technology Presentations
High Volume Low Speed (HVLS) Fans: Updates on COVID Guidance and Federal Energy Regulation	01/31/2022 3:30 - 04:30	N233	Free Industry Sessions
Acoustics in HVAC (CANCELLED)	01/31/2022 3:30 - 04:30	N234/236	Free Industry Sessions
How Predictive Maintenance Improves Operational Uptime, Safety, and the Bottom Line (CANCELLED)	01/31/2022 3:30 - 04:30	N234/236	Free Industry Sessions
Chillers and VFDs and BACnet - Oh My!	01/31/2022 3:30 - 04:30	N235/237	Free Industry Sessions
Preparing for the Changing World of HVACR	01/31/2022 3:30 - 04:30	N238/240	Free Industry Sessions
Open Discussion for Open Future	01/31/2022 3:30 - 04:30	N239	Free Industry Sessions

HVAC Duct Construction Standards - Metal & Flexible	01/31/2022 3:30 - 04:30	N241	Free Industry Sessions
Your Employee Experience Creates Your Customer Experience	01/31/2022 3:30 - 04:30	N242	Free Industry Sessions
Jeremias No-Weld Grease Duct Has Cut-to-Fit Lengths and Fastest Installation	01/31/2022 3:45 - 04:05	Theater A - Booth N11926	New Product & Technology Presentations
Make Your Buildings Smarter, Faster with Desigo Optic	01/31/2022 3:45 - 04:05	Theater B - Booth N11931	New Product & Technology Presentations
New IAQ Solutions for HVAC Systems	01/31/2022 3:45 - 04:05	Theater C - Booth N11936	New Product & Technology Presentations
Energy Rating Labels: Resource to Increase the Efficiency of Pumping Systems	01/31/2022 4:00 - 05:00	N243	Free Industry Sessions
Rethinking Sustainability: Creating Business Agility in a Rapidly Evolving Environment	01/31/2022 4:15 - 04:35	Theater A - Booth N11926	New Product & Technology Presentations
Optimizing Indoor Air Quality with Airxchange's Washable Energy Recovery Plate: "Acadia"	01/31/2022 4:15 - 04:35	Theater B - Booth N11931	New Product & Technology Presentations
Hi-Velocity HE-P Fan Coil Delivers Solutions for Indoor Grow Environments	01/31/2022 4:15 - 04:35	Theater C - Booth N11936	New Product & Technology Presentations
Modular Packaged Cooling Tower Start-up	01/31/2022 4:30 - 05:30	N235/237	Free Industry Sessions
Innovation in Automatic Tube Cleaning Systems	01/31/2022 4:45 - 05:05	Theater A - Booth N11926	New Product & Technology Presentations
Considerations in Biodiesel Applications	01/31/2022 4:45 - 05:05	Theater B - Booth N11931	New Product & Technology Presentations
Smart PRO Range: Multifunctional Actuators with Modbus or Wi-Fi Communication	01/31/2022 4:45 - 05:05	Theater C - Booth N11936	New Product & Technology Presentations
The New Era of Integrated Thermal Energy Management (CANCELLED)	01/31/2022 4:45 - 05:05	Theater C - Booth N11936	New Product & Technology Presentations
Solving Skilled Labor Shortages in the Smart Building Industry	01/31/2022 4:45 - 05:45	N239	Free Industry Sessions
BACnet for Smart Building BASs - How to Avoid the Communications Breakdown (CANCELLED)	01/31/2022 5:00 - 06:00	N232	Free Industry Sessions
Air Curtain Technology and the Impact on Building Energy Consumption	01/31/2022 5:00 - 06:00	N233	Free Industry Sessions
The Space Saving Solution to Comfort – Efficiency Made Simple	01/31/2022 5:15 - 05:35	Theater A - Booth N11926	New Product & Technology Presentations

Hybrid IoT Controller For Small and Medium Sized Buildings by iSMA CONTROLLI	01/31/2022 5:15 - 05:35	Theater B - Booth N11931	New Product & Technology Presentations
Air Disinfection with UVC (UVGI): In-Room/In-Duct Solutions Fight Infectious Aerosols	01/31/2022 5:15 - 05:35	Theater C - Booth N11936	New Product & Technology Presentations
Next Generation Combustion Analyzers	01/31/2022 5:45 - 06:05	Theater A - Booth N11926	New Product & Technology Presentations
Operational and Project Efficiency Solutions Utilizing AIM Technology & Services	01/31/2022 5:45 - 06:05	Theater B - Booth N11931	New Product & Technology Presentations
The Future of Steam Heat Exchangers	01/31/2022 5:45 - 06:05	Theater C - Booth N11936	New Product & Technology Presentations
Trends in the Global HVAC Market (CANCELLED)	02/01/2022 8:00 - 10:00	N235/237	Free Industry Sessions
CxA Workshop & Exam (Day 1 of 2)	02/01/2022 8:00 - 05:00	N218	Certification Exams (\$)
Building Automation Adapts to the Smart Grid	02/01/2022 9:00 - 10:00	N232	Free Industry Sessions
Louver Requirements, Codes & Specifications in Hurricane Prone Regions	02/01/2022 9:00 - 10:00	N233	Free Industry Sessions
Safeguarding Against the Dangers of Carbon Monoxide	02/01/2022 9:00 - 10:00	N234/236	Free Industry Sessions
Testing, Tuning, and Tracking for Optimum Building Performance	02/01/2022 9:00 - 10:00	N241	Free Industry Sessions
The AIM Act, Low-GWP Codes & Standards	02/01/2022 9:00 - 10:00	N242	Free Industry Sessions
Day 1 Recap / MSI Best Practices: Platform Wars & Data Dynasties	02/01/2022 9:00 - 10:30	N239	Free Industry Sessions
Short Course: Humidity Control I: Design Tips and Traps (code 75)	02/01/2022 9:00 - 12:00	N258	ASHRAE Learning Institute Courses (\$)
Short Course: Introduction to BACnet® (code 77)	02/01/2022 9:00 - 12:00	N260	ASHRAE Learning Institute Courses (\$)
Short Course: Guideline 36: Best in Class HVAC Control Sequences (code 76)	02/01/2022 9:00 - 12:00	VIRTUAL	ASHRAE Learning Institute Courses (\$)
Professional Development Seminar: Healthcare Facilities: Best Practices for HVAC Design and Operation (code 74)	02/01/2022 9:00 - 04:00	N264	ASHRAE Learning Institute Courses (\$)
Intelligent Buildings and COVID-19: The Emerging Landscape	02/01/2022 9:30 - 10:00	N238/240	Free Industry Sessions
HVACR State of the Industry Leadership Panel Discussion: Today's Market, Challenges, Opportunities and What's Ahead	02/01/2022 10:00 - 11:00	N238/240	Free Industry Sessions
The Future of Electric Motors is Now: IEs PCB-Stator Air-Core Axial Flux Motor & Drive	02/01/2022 10:15 - 10:35	Theater A - Booth N11926	New Product & Technology Presentations

The Heat Pump ERV with No Outdoor Units (CANCELLED)	02/01/2022 10:15 - 10:35	Theater A - Booth N11926	New Product & Technology Presentations
Parking Garage Gas Detector Installations Made Easier with the Conspex Controls "OPTIO PRIMUS V"	02/01/2022 10:15 - 10:35	Theater B - Booth N11931	New Product & Technology Presentations
EdgeCool Transforms Your Server Rack Into a Portable, Energy-Saving Server Room	02/01/2022 10:15 - 10:35	Theater C	New Product & Technology Presentations
Regional Standards: DOE M1 Transition	02/01/2022 10:30 - 11:00	N234/236	Free Industry Sessions
Why Should Smart Cities Demand True Interoperability for Lighting Controls Solutions?	02/01/2022 10:30 - 11:30	N232	Free Industry Sessions
Field Modifications of Fire, Smoke, and Combination Fire/Smoke Dampers	02/01/2022 10:30 - 11:30	N233	Free Industry Sessions
Building and Drinking Water – Managing the Emerging Risks	02/01/2022 10:30 - 11:30	N241	Free Industry Sessions
Pricing, Maintenance, and Financial Review Methodologies in the Changing World of HVACR	02/01/2022 10:30 - 11:30	N242	Free Industry Sessions
Ventilation: What Do We Need Looking Forward Based on Regulatory and Health Needs	02/01/2022 10:30 - 11:30	N243	Free Industry Sessions
Using VFDs to Stage Booster Pumps	02/01/2022 10:45 - 11:05	Theater A - Booth N11926	New Product & Technology Presentations
Using 3M Structural Adhesive to Eliminate Costly Welding in the Manufacture of HVAC Units	02/01/2022 10:45 - 11:05	Theater B - Booth N11931	New Product & Technology Presentations
Simulating Indoor Air Quality Impact on Filter Selections with VisionAir IEQ	02/01/2022 10:45 - 11:05	Theater C - Booth N11936	New Product & Technology Presentations
World Refrigeration Day (WRD) Breaking Down Industry Silos	02/01/2022 11:00 - 12:00	N238/240	Free Industry Sessions
Retrofitting for Net Zero: Decarbonization, Electrification and the Role of Smart Buildings	02/01/2022 11:00 - 12:00	N239	Free Industry Sessions
The Industry Transition To A2L Refrigerants: Where Are We and Where Are We Headed?	02/01/2022 11:00 - 12:30	N235/237	Free ASHRAE Conference Sessions
Airstream UV-C Disinfection to Inactivate SARS-CoV-2	02/01/2022 11:15 - 11:35	Theater A - Booth N11926	New Product & Technology Presentations
Make the Invisible Visible with the Abound Cloud Platform	02/01/2022 11:15 - 11:35	Theater B - Booth N11931	New Product & Technology Presentations
Indirect Adiabatic and Evaporative Data Center Cooling - Is Water Usage Always Bad? A Lifecycle Approach to Water Consumption in Cooling	02/01/2022 11:15 - 11:35	Theater C - Booth N11936	New Product & Technology Presentations
HVAC Duct Production that Lends Itself to Pre-fabrication with Less Opportunity of Leakage	02/01/2022 11:45 - 12:05	Theater A - Booth N11926	New Product & Technology Presentations

Adding Connectivity to Appliances with Fenwal Controls New IoT Platform	02/01/2022 11:45 - 12:05	Theater B - Booth N11931	New Product & Technology Presentations
Provide Best-in-Class Comfort and Lower Operating Cost with Lennox Model L™ Rooftops	02/01/2022 11:45 - 12:05	Theater C - Booth N11936	New Product & Technology Presentations
Monitoring Room Status and Pressure in Healthcare and Critical Manufacturing Spaces	02/01/2022 12:15 - 12:35	Theater A - Booth N11926	New Product & Technology Presentations
Saving Energy for Future Generations	02/01/2022 12:15 - 12:35	Theater B - Booth N11931	New Product & Technology Presentations
The Future of Water Heating: An All-Electric Commercial Water Heating Solution	02/01/2022 12:15 - 12:35	Theater C - Booth N11936	New Product & Technology Presentations
AI and Predictive Maintenance in Intelligent Buildings	02/01/2022 12:30 - 01:00	N233	Free Industry Sessions
NAFA Best Practice Guidelines for Commercial Office Spaces	02/01/2022 12:30 - 01:30	N234/236	Free Industry Sessions
HVAC Electrification Challenges That (Almost) Nobody Thinks About	02/01/2022 12:30 - 01:30	N238/240	Free Industry Sessions
Building Systems Integration 101: Welcome to the Jungle	02/01/2022 12:30 - 01:30	N239	Free Industry Sessions
Buy Now, Pay Later – Understanding How Customers Use Credit	02/01/2022 12:30 - 01:30	N242	Free Industry Sessions
NAFA CAFS Testing and 2-Hour Tutorial; NCT Testing	02/01/2022 12:30 - 04:30	N241	Free Industry Sessions
Wireless Probes for HVAC Technicians	02/01/2022 12:45 - 01:05	Theater A - Booth N11926	New Product & Technology Presentations
Improve Indoor Air Quality with Carbon Dioxide (CO2) Solutions	02/01/2022 12:45 - 01:05	Theater B - Booth N11931	New Product & Technology Presentations
5 Minute Line Repair - No Brazing, Welding, Special Tools, Adhesives or Line Removal	02/01/2022 12:45 - 01:05	Theater C - Booth N11936	New Product & Technology Presentations
Cost Effective IP-Based High-Speed Wireline Communication Technology	02/01/2022 1:00 - 02:00	N232	Free Industry Sessions
Smart Women, Smarter Buildings	02/01/2022 1:00 - 02:00	N239	Free Industry Sessions
Lessons Learned From the Supply Chain Challenges	02/01/2022 1:00 - 02:00	N256	Free Industry Sessions
System Stability and Contaminant Control with Lower GWP Refrigerants	02/01/2022 1:00 - 02:30	N235/237	Free ASHRAE Conference Sessions
Short Course: Health Impacts of Indoor Air Extraction, Ventilation, and Filtration – Same or Different (code 79)	02/01/2022 1:00 - 03:00	N260	ASHRAE Learning Institute Courses (\$)

Short Course: Changing Environments and Loads for Data Centers (High Density, Liquid Cooling, Edge Computing) (code 78)	02/01/2022 1:00 - 04:00	N258	ASHRAE Learning Institute Courses (\$)
HVAC Grundfos Distributed Pumping for Improved Efficiency, Delta T and Automatic Balancing	02/01/2022 1:15 - 01:35	Theater A - Booth N11926	New Product & Technology Presentations
New Residential Steam Technology with the GeneralAire Model 5500	02/01/2022 1:15 - 01:35	Theater B - Booth N11931	New Product & Technology Presentations
Cloud Data for Remote Connectivity, Notification and Visualization	02/01/2022 1:15 - 01:35	Theater C - Booth N11936	New Product & Technology Presentations
AI in the Connected Home	02/01/2022 1:30 - 02:30	N241	Free Industry Sessions
eRep Quoting Software Demo for Manufacturers and Their Reps	02/01/2022 1:45 - 02:05	Theater A - Booth N11926	New Product & Technology Presentations
Daikin Introduces a Mini-Split System Using R-32, a Low-GWP Refrigerant	02/01/2022 1:45 - 02:05	Theater B - Booth N11931	New Product & Technology Presentations
SWEP Presents Hypertwain - a Truly Innovative Concept for the AC Market!	02/01/2022 1:45 - 02:05	Theater C - Booth N11936	New Product & Technology Presentations
Using Technology to Revolutionize the Built Environment (CANCELLED)	02/01/2022 1:45 - 02:05	Theater C - Booth N11936	New Product & Technology Presentations
How to Prevent Callbacks and Warranty Returns	02/01/2022 2:00 - 03:00	N233	Free Industry Sessions
Mejores Prácticas de NAFA para Espacios de Oficinas Comerciales	02/01/2022 2:00 - 03:00	N234/236	Free Industry Sessions
Why Most Retrofit Projects Fail to Meet Ventilation Standards	02/01/2022 2:00 - 03:00	N238/240	Free Industry Sessions
Smart Women, Smarter Buildings	02/01/2022 2:00 - 03:00	N239	Free Industry Sessions
10 Tips for Making New Changes Stick	02/01/2022 2:00 - 03:00	N242	Free Industry Sessions
Intellectual Property Protections for Your Hottest and Coolest HVACR Innovations	02/01/2022 2:00 - 03:00	N243	Free Industry Sessions
Hot Water Recirculation with the Latest SMART Technology for Every Possible Installation	02/01/2022 2:15 - 02:35	Theater A - Booth N11926	New Product & Technology Presentations
Developing a Sustainable Refrigeration Strategy Across Applications & Markets	02/01/2022 2:15 - 02:35	Theater B - Booth N11931	New Product & Technology Presentations
Ultra-low Emissivity Transpired Solar Collector that Reaches up to 90°F Above Ambient	02/01/2022 2:15 - 02:35	Theater C - Booth N11936	New Product & Technology Presentations
Reducing Smart Building Complexity with the Smarter Stack	02/01/2022 2:30 - 03:30	N232	Free Industry Sessions

Westinghouse Definite Purpose Magnetic Contactor	02/01/2022 2:45 - 03:05	Theater A - Booth N11926	New Product & Technology Presentations
Air-Con's SD Premium Series Ducted Air-Conditioning for Residential 24-60K BTU	02/01/2022 2:45 - 03:05	Theater B - Booth N11931	New Product & Technology Presentations
Safeguarding Against the Dangers of Carbon Monoxide with UL1738 Certified Flue Gas Venting	02/01/2022 2:45 - 03:05	Theater C - Booth N11936	New Product & Technology Presentations
Decarbonization as it Applies to Appliance & Equipment Standards	02/01/2022 2:45 - 03:45	N235/237	Free ASHRAE Conference Sessions
Intelligent Buildings Energy Management Systems	02/01/2022 3:00 - 04:00	N241	Free Industry Sessions
Overture - A Fully Automated Whole-Home Fresh Air System	02/01/2022 3:15 - 03:35	Theater A - Booth N11926	New Product & Technology Presentations
Lowest GWP, Non-Flammable Replacement Refrigerants	02/01/2022 3:15 - 03:35	Theater B - Booth N11931	New Product & Technology Presentations
Clean Air, Fast. How a 2hr DOAS Install Enhances Variable Capacity Building Ventilation	02/01/2022 3:15 - 03:35	Theater C - Booth N11936	New Product & Technology Presentations
Empowering Women in the Workforce	02/01/2022 3:30 - 04:30	N233	Free Industry Sessions
Electrification & Decarb, HVAC and Water (Achieving Beneficial Electrification)	02/01/2022 3:30 - 04:30	N234/236	Free Industry Sessions
Why HVAC Companies Are Losing Technicians	02/01/2022 3:30 - 04:30	N238/240	Free Industry Sessions
Insights, Trends, Perspectives: An Open Conversation with Industry Influencers	02/01/2022 3:30 - 04:30	N239	Free Industry Sessions
Today's Customer Demands More	02/01/2022 3:30 - 04:30	N242	Free Industry Sessions
5 Essential Soft Skills for Engineers	02/01/2022 3:30 - 04:30	N243	Free Industry Sessions
#UDFT - Electric/Manual Ratchet & Clutch Flaring Tool	02/01/2022 3:45 - 04:05	Theater A - Booth N11926	New Product & Technology Presentations
Fewer Steps to Field Service Action	02/01/2022 3:45 - 04:05	Theater B - Booth N11931	New Product & Technology Presentations
The Largest Semi-Hermetic CO2 Compressor Available in the Market	02/01/2022 3:45 - 04:05	Theater C - Booth N11936	New Product & Technology Presentations
A New Web Services Standard for Building Controls	02/01/2022 4:00 - 05:00	N232	Free Industry Sessions
Thermal and Hydraulic Performance of Low GWP Refrigerants (CANCELLED)	02/01/2022 4:00 - 05:30	N235/237	Free ASHRAE Conference Sessions

Riello Array SE Condensing Boiler – Compact in Design; Big in Features	02/01/2022 4:15 - 04:35	Theater A - Booth N11926	New Product & Technology Presentations
Intelli-Balance ERV200 Energy Recovery Ventilator, a Whole-House HEALTHY Air Solution	02/01/2022 4:15 - 04:35	Theater B - Booth N11931	New Product & Technology Presentations
DraCool Data Plate Product Release	02/01/2022 4:15 - 04:35	Theater C - Booth N11936	New Product & Technology Presentations
Cloud-Connected BACnet Controllers with Drag/Drop Programming and IoT Capabilities	02/01/2022 4:45 - 05:05	Theater A - Booth N11926	New Product & Technology Presentations
Boiler Room IoT Monitoring and Connection	02/01/2022 4:45 - 05:05	Theater B - Booth N11931	New Product & Technology Presentations
New Generation of Lafert High Performance Integrated Motor Solutions - HPI 2.0	02/01/2022 4:45 - 05:05	Theater C - Booth N11936	New Product & Technology Presentations
With Chilled Beams Safer Air Doesn't Have to Cost You More	02/01/2022 5:00 - 06:00	N234/236	Free Industry Sessions
Interactive Sales Featuring Hands-on Customer Education	02/01/2022 5:00 - 06:00	N238/240	Free Industry Sessions
BAS Technology Trends. (CANCELLED)	02/01/2022 5:00 - 06:00	N239	Free Industry Sessions
C-Tork Compact Electric Actuators by RuB Inc	02/01/2022 5:15 - 05:35	Theater A - Booth N11926	New Product & Technology Presentations
Leveraging Office 365 for HVAC Contractor Management: Examples From FIELDBOSS Customers	02/01/2022 5:15 - 05:35	Theater B - Booth N11931	New Product & Technology Presentations
Sophisticated Solar Thermal Monitoring Ushers in the Next Generation of DHW System Control	02/01/2022 5:15 - 05:35	Theater C - Booth N11936	New Product & Technology Presentations
Advanced Boiler Safety and Control (CANCELLED)	02/01/2022 5:45 - 06:05		New Product & Technology Presentations
How to Protect Mini-Split AC Entry Point (CANCELLED)	02/01/2022 5:45 - 06:05	Theater C - Booth N11936	New Product & Technology Presentations
CxA Workshop & Exam (Day 2 of 2)	02/02/2022 8:00 - 05:00	N218	Certification Exams (\$)
Low Btu Gas Furnace Options to Right-Size All Homes with Proper Heat Loads	02/02/2022 10:15 - 10:35	Theater A - Booth N11926	New Product & Technology Presentations
Selective Catalytic Reduction (SCR) for Boilers	02/02/2022 10:15 - 10:35	Theater B - Booth N11931	New Product & Technology Presentations

World's First Integrated Cellular Pressure & Temperature Sensor for Refrigerant Monitoring	02/02/2022 10:15 - 10:35	Theater C - Booth N11936	New Product & Technology Presentations
Cannabis 2.0- We're Just Getting Started (CANCELLED)	02/02/2022 10:45 - 11:05		New Product & Technology Presentations
FIN microBMS and Edge2Cloud Connectivity	02/02/2022 10:45 - 11:05	Theater A - Booth N11926	New Product & Technology Presentations
GEN5 PLATFORM: Transforming a Sketch into an Awards Finalist	02/02/2022 10:45 - 11:05	Theater C - Booth N11936	New Product & Technology Presentations
Energy Code and FGI Guideline Compliance for Reducing Non-circulating Pipe Lengths	02/02/2022 11:15 - 11:35	Theater A - Booth N11926	New Product & Technology Presentations
SmartD Clean Power Variable Frequency Drive: VFD Without Drawbacks	02/02/2022 11:15 - 11:35	Theater B - Booth N11931	New Product & Technology Presentations
The Day That Turned Their Business Around	02/02/2022 11:15 - 11:35	Theater C - Booth N11936	New Product & Technology Presentations
Reznor® Unit Heaters: Continuously Engineered Improvements	02/02/2022 11:45 - 12:05	Theater A - Booth N11926	New Product & Technology Presentations
Turn JACE Controllers into Powerful Network Monitoring Tools, with Visual BACnet	02/02/2022 11:45 - 12:05	Theater B - Booth N11931	New Product & Technology Presentations
Top 3 Tactics to Grow Your Service Revenue (using just your Service Management Software)	02/02/2022 11:45 - 12:05	Theater C - Booth N11936	New Product & Technology Presentations
Clamp-on Ultrasonic Flow/Energy Meter Enhances the Performance of Your BAS (CANCELLED)	02/02/2022 12:15 - 12:35		New Product & Technology Presentations
IEC improves IAQ with the New Aura40 Fan Powered Terminal Unit with Outdoor Air	02/02/2022 12:15 - 12:35	Theater A - Booth N11926	New Product & Technology Presentations
Improve Efficiency of HVAC Doors with Southco's Modular Latching System	02/02/2022 12:15 - 12:35	Theater C - Booth N11936	New Product & Technology Presentations
Aidoo Pro: Full HVAC Integration Controller for BMS & HA	02/02/2022 12:45 - 01:05	Theater A - Booth N11926	New Product & Technology Presentations
Integrated Water Filtration, Disinfection, Descaling and Conservation in Cooling Towers	02/02/2022 12:45 - 01:05	Theater B - Booth N11931	New Product & Technology Presentations
Introducing HAVEN, Whole-Home HVAC Monitoring & Controls, Built for HVAC Professionals	02/02/2022 12:45 - 01:05	Theater C - Booth N11936	New Product & Technology Presentations

Gas Detection for Harsh Environments	02/02/2022 1:15 - 01:35	Theater A - Booth N11926	New Product & Technology Presentations
HVAKR: A Dot-Com That Makes HVAC Engineering Easy	02/02/2022 1:15 - 01:35	Theater B - Booth N11931	New Product & Technology Presentations
Next Generation Technology From Space to Earth	02/02/2022 1:15 - 01:35	Theater C - Booth N11936	New Product & Technology Presentations
AntrumX™: How Centralized IAQ Sensing Leads to Measurably Healthier, Efficient Buildings	02/02/2022 1:45 - 02:05	Theater A - Booth N11926	New Product & Technology Presentations
New NOVO Combustion Analyzer - Future of Combustion Analysis	02/02/2022 1:45 - 02:05	Theater B - Booth N11931	New Product & Technology Presentations
POLAR AIR Intelligent Fan Coils: Simultaneously Manage Comfort and Efficiency	02/02/2022 1:45 - 02:05	Theater C - Booth N11936	New Product & Technology Presentations