

Technical Training - *Virtual Sessions*



Infinity/Evolution Series B including 2nd Generation 26/24SEER Inverter HP and AC, Greenspeed/Extreme and 5-stage Inverter Equipment Installation, Service & Troubleshooting



Content includes:

- In-depth training on the new GEN II Inverter system, including using the branded Service Tech smart phone app to commission, update software and troubleshoot the system using Bluetooth technology without connecting service gauges
- Infinity/Evolution Series B controller installation, configuration and troubleshooting
- Greenspeed/Extreme inverter Heat Pump and Air Conditioner troubleshooting
- 5-stage inverter troubleshooting
- Service tips, service bulletins and known issues

Target Audience: Freshman to Senior HVAC servicing technicians and installers

Fad Distributor Hours: 4 hours credit

Nate CEH's: 4 hours credit (Nate class id 8584-0002) Nate ID must be provided once virtual event is complete.

Investment: \$50.00 per person

Note: attendees must complete a brief post-class knowledge test to receive credit hours.

MLC Event ID	Date/Time
30163	10/15 & 16, 2020
30164	11/16 & 17, 2020
30165	12/01 & 02, 2020
2, 2-hour sessions/ 8:30AM ET Start Time	

Zoom Meeting application will be utilized to conduct these training sessions (Zoom is a free download).

Participants can join the sessions using any PC, Laptop, Tablet or Smart Phone with internet access. Zoom Meeting allows two-way communication, just as if you were in the classroom.

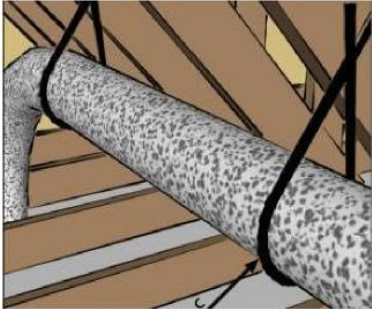
Zoom Meeting invite link with additional information will be emailed to registered attendees 48-72 hours prior to event.

Register via HVACPartners >from DASHBOARD click MY LEARNING in Graphical Quick Links box or via MLCtraining.com, click **HVACP Login**.

From MLC home page, click **Events** insert Event ID in search box and click magnifier, click down arrow to far right of class, select Register Myself or Register Others > Add to que, add que to roster, confirm registration. Clicking Details will provide class details.

Technical Training- *Virtual Sessions cont'd*

Airflow Diagnostics



Content includes:

- Learning to use superheat and subcooling to diagnose many sealed system issues
- Techniques to troubleshoot reversing valve and compressor issues
- How to identify refrigerant restrictions
- How to measure BTU capacity on Heat Pumps and Air Conditioners
- Learning to quickly diagnose non-communicating control boards

Target Audience: Freshman to Senior HVAC servicing technicians and installers

Fad Distributor Hours: 4 hours credit

Nate CEH's: 4 hours credit (Nate class id 8584-0017) Nate ID must be provided once virtual event is complete.

Investment: \$50.00 per person

MLC Event ID	Date/Time
30157	11/02 & 03, 2020
30158	11/23 & 24, 2020
2, 2-hour sessions/ 8:30AM ET Start time	

Zoom Meeting application will be utilized to conduct these training sessions (Zoom is a free download).

Participants can join the sessions using any PC, Laptop, Tablet or Smart Phone with internet access. Zoom Meeting allows two-way communication, just as if you were in the classroom.

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Technical Training- *Virtual Sessions cont'd*



ecoblue™ technology

Light Commercial RTU and Splits with VFD fan control

This class will cover VFD and Ecoblue fan setup plus troubleshooting. The Jade Economizer setup programming and servicing will also be covered.

Target Audience: Freshman to Senior HVAC servicing technicians and installers

Fad Distributor Hours: 4 hours credit

Nate CEH's: 4 hours credit (Nate class id 8584-0011) Nate ID must be provided once virtual event is complete.

Investment: \$50.00 per person

MLC Event ID	Date/Time
30159	12/08 & 09, 2020
30160	12/17 & 18, 2020
2, 2-hour sessions/ 8:30AM ET Start time	

Zoom Meeting application will be utilized to conduct these training sessions (Zoom is a free download).

Participants can join the sessions using any PC, Laptop, Tablet or Smart Phone with internet access. Zoom Meeting allows two-way communication, just as if you were in the classroom.

Zoom Meeting invite link with additional information will be emailed to registered attendees 48-72 hours prior to event.

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Technical Training- *Virtual Sessions cont'd*

Ductless Install and Service



Attendees will learn:

- System Operations
- DC Inverter Principles
- Proper sizing and application practices
- Refrigerant piping procedures
- Wiring and communications instructions and considerations
- Installation and Service troubleshooting

Instruction will be related to Carrier & Bryant Ductless heat pump systems.

Target Audience: Freshman to Senior HVAC servicing technicians and installers

Fad Distributor Hours: 4 hours credit

Nate CEH's: 4 hours credit (Nate class id 8584-0018) Nate ID must be provided once virtual event is complete.

Investment: \$50.00 per person

MLC Event ID	Date/Time
30161	10/13/2020
30168	10/20/2020
1, 4-hr session/8:30AM ET Start Time	

Zoom Meeting application will be utilized to conduct these training sessions (Zoom is a free download).

Participants can join the sessions using any PC, Laptop, Tablet or Smart Phone with internet access. Zoom Meeting allows two-way communication, just as if you were in the classroom.

Zoom Meeting invite link with additional information will be emailed to registered attendees 48-72 hours prior to event.

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Technical Training- *Virtual Sessions cont'd*

Residential Furnace and Heat Pump Troubleshooting



This class will focus on control boards and electrical circuits in residential furnaces and heat pumps. Circuit boards are often misdiagnosed causing wasted time and additional trips. This class will prepare attendees to quickly diagnose and locate the root cause of common heating product issues.



Target Audience: Freshman to Senior HVAC servicing technicians and installers

Fad Distributor Hours: 4 hours credit

Nate CEH's: 4 hours credit (Nate class id 8584-0013) Nate ID must be provided once virtual event is complete.

Investment: \$50.00 per person

MLC Event ID	Date/Time
30169	10/26 & 10/27, 2020
30170	11/09 & 11/10, 2020
2, 2-hr sessions/8:30AM ET Start Time	

Zoom Meeting application will be utilized to conduct these training sessions (Zoom is a free download).

Participants can join the sessions using any PC, Laptop, Tablet or Smart Phone with internet access. Zoom Meeting allows two-way communication, just as if you were in the classroom.

Zoom Meeting invite link with additional information will be emailed to registered attendees 48-72 hours prior to event.

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Nate Certification

Study Materials & Testing

Technicians with two or more years of experience can earn installation, service or senior certification in one or more of the installation or service specialty areas outlined by Nate. A technician must pass both the core and a specialty exam to be NATE-certified.

CE Southeast is not currently offering Nate Review or Testing sessions. Below are resources for your use in obtaining Nate Certification. The online proctoring for testing offered by Nate has been utilized by a number of customers and the comments have been very positive regarding their experiences.

Nate Certification *STUDY RESOURCES*

- Nate study guides (Core and all Specialties) can be purchased online from Nate at a cost of \$20ea. Each guide contains practice test questions.

<https://store.natex.org/training>

Nate Certification *TESTING*

- NATE now offers remote Live Online Proctored Exams for the EPA 608 Exams, HVAC Support Technician Certificate exam, and the NATE Certification exams. Live Online Proctored Exams give you the opportunity to take your exam from the comfort of your own home or office, at a time that fits your schedule.

<https://www.natex.org/site/527/Technicians/Live-Online-Proctoring>