

February Northeast Ohio Skills Training Opportunities

Who should attend: Contractors, Installers & Service Technicians

Class Fax Instructions: Make a copy and fill out a separate form for EACH student. Find the class(es) you want and check mark the location(s) where you'll attend. Fill in your name and contact information at the bottom and fax it in!

All classes are State License and NATE certified!

FEATURED CLASSES:

ECM MOTOR TECHNOLOGY

This course will help a tech troubleshoot ECM motors accurately and efficiently. It will clear up myths about ECM technology and provide simplified troubleshooting techniques that lead to success. The class will cover: *The benefits of ECM motor technology, Motors – 2.1, 2.3, 2.5, 3.0, & X – 13, module replacement, motor & failure identification, & additional technical tips.*

State license and NATE certified for 3 hours.

Akron.....Shawn Stapinski..... Mon., 2/1, 5:30-8:30pm

Canton.....Jim Price..... Mon., 2/8, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers

NATE A/C & HEAT PUMP TEST PREP CLASS

This class specializes in the basics of air conditioners & heat pumps; focusing on operating sequences, service, and troubleshooting. It will prepare an individual to take the NATE A/C or Heat Pump exams. Topics covered: comfort requirements, thermodynamics, temperature-pressure relationships, system components, defrost cycle, heat pump install, service techniques, common air problems, and controls. Each student will receive a 200-page book entitled "Air Conditioning and Heat Pumps" from the Refrigeration Service Engineer's Society.

State license and NATE certified for 3 hours.

Cleveland.....Dave Cirino..... Mon., 2/1, 5:30-8:30pm

Akron.....Dave Cirino..... Mon., 2/8, 5:30-8:30pm

\$99 ProTecs/ \$109 RSC Customers - includes 200 page reference manual



DIAGNOSING & PREVENTING COMPRESSOR FAILURES

Have you heard "Compressors don't die of old age, they're murdered!"? Well it's true! Don't let that happen to your customer's equipment this cooling season, attend our class so you can properly diagnose & prevent hermetic compressor failures. Course covers: compressor operation-construction-types, troubleshooting to the root cause, starting a stuck compressor, measurements for single and 3-phase units, various electrical tests, and troubleshooting. You'll have a chance to perform an analysis of up to ten real life customer scenarios.

State license and NATE certified for 3 hours.

Cleveland.....Jim Price..... Mon., 2/8, 5:30-8:30pm

Canton.....Keith Nickas..... Mon., 2/22, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers

WIRING DIAGRAMS SIMPLIFIED

Understanding wiring diagrams is critical to good troubleshooting skills. This class builds a heating and cooling ladder diagram, component by component, so the individual can better comprehend how each operates, and how to determine what has happened when a malfunction occurs. Topics include: safety, meter use, circuits, ladder diagrams, sequence of operation, and component failure diagnosis.

State license and NATE certified for 3 hours.

Cleveland.....John Hillery..... Mon., 2/10, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers



COMMERCIAL SPLIT SYSTEMS

This class will cover the installation, operation, and troubleshooting of Carrier Commercial Split System air conditioning equipment. The advantages of this kind of equipment, plus the following will be emphasized: refrigerant piping, including suction line sizing, double suction risers, liquid line sizing, & oil movement, plus expansion valves, capacity control/unloaders, low ambient controls, and hot gas bypass.

State license and NATE certified for 3 hours.

Cleveland.....Vince Rich..... Thurs., 2/11, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers

NATE CORE TEST PREP CLASS

This class is designed to help service technician who will be taking the Nate Core test. We will be using the Core Preparation Guide for NATE that was developed by Carrier, plus an RSC study guide.

State license and NATE certified for 3 hours.

Cleveland.....Dave Cirino..... Mon., 2/15, 5:30-8:30pm

Akron.....Dave Cirino..... Mon., 2/15, 5:30-8:30pm

\$99 ProTecs/ \$109 RSC Customers - includes 218 page reference manual



HEAT EXCHANGER INSPECTION METHODS

Proper & efficient heat exchanger testing can save lives. This class will cover heat exchanger identification; heat exchanger designs; known problem areas; different types of failures and pros and cons of testing methods.

State license and NATE certified for 3 hours.

Youngstown.....Shawn Stapinski..... Mon., 2/15, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers

BRAZING & COIL REPAIR

Would you like to do leak repair right the first time? What about coil repair? This class will enable you to repair even the thin tubing now used on coils... without destroying them. It will cover oxy/acetylene, acetylene only, nitrogen propane, soft solder, and silver solder techniques. In addition, when to use what! This is a hands on course, making it most effective.

State license and NATE certified for 3 hours.

Cleveland.....John Hillery..... Wed., 2/17, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers.

THERMOSTATS: A-T(ROUBLESHOOTING)

Learn how to solve the most common, and uncommon problem with thermostats. Pick up tips that will make service calls go more quickly. Be the thermostat expert at your company. The class will cover installation, wiring, start up procedures, and troubleshooting.

State license and NATE certified for 3 hours.

Cleveland.....Ken Shvorob..... Mon., 2/22, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers

IT'S IN THE CAN (HERMETIC COMPRESSORS)

Do you know what's going on inside that can (compressor)? What should be happening? What are the operating characteristics, safety considerations, and effective troubleshooting techniques? All of these will be covered plus, how to properly condemn a can (compressor), since you can't get in there.

State license and NATE certified for 3 hours.

Akron.....John Hillery..... Mon., 2/24, 5:30-8:30pm

\$79 ProTecs/ \$99 RSC Customers

Yes, sign me up for RSC's skills training opportunities!

REGISTER EARLY, CLASSES FILL UP FAST!

Class Fax Instructions: Make a copy and fill out a separate form for each student.

Find the class(es) you want and check mark the location(s) where you'll attend. Fill in your name and contact information at the bottom and fax it in!

Student Name _____

Company Name: _____

Address: _____

City _____ State _____ Zip _____

Contact Person: _____

Telephone #: _____

Please return this completed registration form along with your check in the appropriate amount.

Note: \$25 no show fee if prior notice is not given before class.

Refrigeration Sales Corp.

9450 Allen Drive, Valley View, OH 44125

Attention: Diane Carlin • Fax: 216-525-8180

Register Today!



Refrigeration Sales Corp.
9450 Allen Drive
Valley View, OH 44125

Special Announcement
January 2010

Presort Std.
U.S. Postage
PAID
Columbus Sta., Ohio
Permit No. 54

Change Service Requested

W W W . R S C 2 G O . C O M

175 East South Street
Akron, Ohio 44311
P: 330.762.9000
F: 330.762.9155

189 Warden Avenue
Elyria, Ohio 44035
P: 440.324.5853
F: 440.324.3739

3904 Tiffin Avenue
Sandusky, Ohio 44870
P: 419.627.0914
F: 419.627.0936

1635 Market Avenue S.W.
Canton, Ohio 44707
P: 330.456.2789
F: 330.456.2612

1468 North Main Street, Suite 102
Mansfield, Ohio 44903
P: 567.247.5994
F: 567.247.2551

9450 Allen Drive
Valley View, Ohio 44125
P: 216.525.8100
F: 216.525.8150

3405 Perkins Avenue
Cleveland, Ohio 44114
P: 216.881.7800
F: 216.881.3350

6539 Weatherfield Ct.
Maumee, OH 43537
P: 419-867-2200
F: 419-867-2201

643 N. Meridian Rd
Youngstown, Ohio 44509
P: 330.788.7084
F: 330.788.7866

2571 Silver Dr
Columbus, Ohio 43211
P: 614.299.2500
F: 614.299.7800

8573 East Avenue
Mentor, Ohio 44060
P: 440.255.1820
F: 440.255.1841

February Northeast Ohio Skills Training Opportunities



Class Locations: Valley View, Akron, Canton and Youngstown

Classes:

- ECM Motor Technology
- NATE A/C Test Prep
- Diag./Prevent Compressor Failures
- Wiring Diagrams Simplified
- NATE Core Test Prep
- Heat Exchanger Inspection Methods
- Commercial Split Systems
- Brazing & Coil Repair
- Thermostats: A-T(ROUBLESHOOTING)
- It's In The Can



Look inside for locations, class dates and times

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All Classes are State License and NATE approved for 3.0 hours!