



Xcel Energy, Great River Energy, and the Minnesota Heating & Cooling Association present...

Residential Cooling Quality Installation Training

Four Sessions to Choose From

<p>April 8 Great River Energy 12300 Elm Creek Blvd Maple Grove SOLD OUT</p>	<p>April 9 Great River Energy 12300 Elm Creek Blvd Maple Grove SOLD OUT</p>	<p>April 10 Courtyard by Marriott 901 Raintree Rd Mankato 40 SEATS LEFT</p>	<p>April 11 Sheraton-Bloomington 5601 W 78th Street Bloomington 70 SEATS LEFT</p>
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7:30 a.m. - 8:00 a.m.
8:00 a.m. - 3:00 p.m.

**Registration
Program
(Lunch, Breaks, and Handouts Included.)**

About the Program and Its Importance

This course includes an overview of sizing and selecting the proper equipment, Installation considerations, charging methods and air flow. Upon completion of the class, attendees will have a better understanding of the principles of installing residential central air-conditioners to operate as designed, and to meet utility requirements for installation.

Learning Objectives include instruction on:

- Manuals J, S and D
- Principles of heat transfer
- Terminology for calculating heating and cooling loads
- Locating equipment
- The refrigeration cycle, explaining Superheat and Subcooling
- Duct system types and calculating requirements
- Air flow
- Diagnostics and the proper use of tools to accomplish this

This program has been submitted for approval for 6.0 hours of NATE credit.

About the Instructors

Jack Rise, CMS, of Jack Rise HVAC Technical Training, is a Certificate Member Specialist of the Refrigeration Service Engineers Society. He has extensive industry experience having worked as a contractor for 18 years, as a distributor of HVAC products for 13 years, and for a major HVAC manufacturer for 5 years.



Jack is an ACCA/EPIC certified instructor for all of the ACCA residential and commercial design manuals and travels extensively around the country conducting seminars on residential and commercial load calculations, system design and on the use of HVAC computer-based software. He was an RSES instructor for 10 years, currently runs training sessions for NATE and EPA/CFC Section 608 Certifications and ACCA/ANSI Standard 5 (HVAC Quality Installation Standard).

Great value! Just \$20.00 per person.
Space is limited so be sure to register today!

For additional information about this program, contact MHCA at (888) 782-6815.



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Registration Form

ATTENDEE INFORMATION (Copy Form For Additional Registrants)

		Please check session for each attendee			
First Name	Last Name	8th	9th	10th	11th
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

REGISTRATION FEE

\$20.00 per person x # Attendees _____ Total \$ _____

PAYMENT INFO

Credit Card: VISA MasterCard Discover AmEx

Name on credit card: _____

Billing Address: _____

CC Number: _____ Exp Date: _____ CVC Code: _____

Check: Payable to "MHCA"

Mail, fax, or email completed registration form to:
 Minnesota Heating and Cooling Association
 6066 Shingle Creek Parkway, Suite 167
 Brooklyn Center, MN 55430

Phone: 888-782-6815
 Fax: 888-287-4116
 Email: jane@assocmgmtservices.com