



# Education Program

# 2010

## COURSE DATE

# AUGUST 26

## 9:00 a.m. - 4:00 p.m.



## LOCATION

**THE INN at  
CHESTER SPRINGS**  
PA Turnpike,  
Exit 312  
814 N. Pottstown Pike  
Exton, PA  
(610) 363-1100



USED IN CONJUNCTION WITH  
OIL-FIRED HEATING UNIT

# HEAT PUMP SERVICE SEMINAR

Steve Mohr from A/C Concepts will conduct a one-day Heat Pump Service Seminar designed for technicians. This service seminar is designed to teach the new or experienced service technician the operation and troubleshooting of air source heat pumps.

Topics that will be covered include basic theory of operation on the mechanical side as well as the electrical side. Modern defrost control operation, and their diagnostics is also part of the program. A discussion on efficiency, finding thermal balance points and dual fuel applications will also be included. While people are exploring different options on energy consumption, dual fuel heat pumps are gaining more popularity. Theory and troubleshooting manuals for heat pumps (Trane product) will be included with this seminar.

Don't miss this great opportunity to attend this information-packed seminar



Limited to 25 Registrants  
For Each Program

**SIGN UP NOW!!!**

**HEAT PUMP SERVICE SEMINAR**

**PENNSYLVANIA PETROLEUM MARKETERS & CONVENIENCE STORE ASSOCIATION**

P.O. Box 68  
Highspire, PA 17034-0068

Please enroll the following in your **HEAT PUMP SERVICE SEMINAR, August 26:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**COMPANY** \_\_\_\_\_

If subsidiary or branch of member, print parent company below:

**MAILING ADDRESS** \_\_\_\_\_

**CITY** \_\_\_\_\_ **STATE** \_\_\_\_\_ **ZIP** \_\_\_\_\_

**PHONE** (\_\_\_\_) \_\_\_\_\_ **FAX** (\_\_\_\_) \_\_\_\_\_

**AUTHORIZED BY** \_\_\_\_\_

**TITLE** \_\_\_\_\_

**Authorized E-Mail** \_\_\_\_\_  Check Enclosed \$ \_\_\_\_\_

Charge my:  MasterCard  Visa  Discover Account Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Cardholder's Name (Please Print) \_\_\_\_\_ Signature \_\_\_\_\_

**NO REGISTRATION WILL BE ACCEPTED  
UNLESS ACCOMPANIED BY PAYMENT IN FULL**

**REGISTRATION FEE  
\$195.00 Per Person**  
**CONFIRMATION WILL BE SENT THREE  
WEEKS PRIOR TO THE PROGRAM.**  
**Seminar will start promptly on time.**  
**Please allow ample time for road  
conditions.**

*Detach here and mail today!*

**OUR INSTRUCTOR:** Steve Mohr began his HVAC career in 1978 and became a trainer in 1992. The students' participation and response to his hands-on training has been fantastic and adds to Steve's excitement as he pushes forward to offer training second to none.

**THE 1-DAY HEAT PUMP SERVICE SEMINAR WILL COVER:**

- \* Thermodynamics of Heat Pump Systems
- \* Electrical and Mechanical Controls
- \* Typical Defrost Systems
- \* Application and Thermal Balance Point Determination
- \* Checking Performance
- \* Charging Procedures
- \* R410A
- \* Electrical and Mechanical Diagnostic

**PAYMENT POLICY:** Payment can be made by check or credit card. Visa, MasterCard or Discover information may be faxed to PPMCSA at (717) 902-0290.

**CANCELLATION POLICY:** Cancellations will be accepted up to 3 days prior to the program date. No refund will be made unless the cancellation is **received more than 3 days prior to the scheduled program.**

**CERTIFICATE OF TRAINING:** Will be awarded to each student who completes the course and passes the examination. A passing grade is also worth **8 CEUs** toward NORA re-certification.

**OVERNIGHT ACCOMMODATIONS:** Lodging, transportation and meals (other than lunch) are the responsibility of the student.