



SERVICE DEPARTMENT

## Staged Air Volume RTU's with VFD Drives

This course will be covering changes to the new RTU's with 2 stage 2 speed blower motors to meet the current ASHRAE 90.1 2016 requirements. We will discuss the design changes of these RTU's specifically on the indoor blower motor operation and the economizer control. The indoor blower will operate as a 2 speed motor using a VFD to control the different speeds. The economizer control will use the Honeywell 7220 control to maintain proper position to achieve ventilation air requirements in both low and high speed blower CFM's.

NOTICE: St. Louis County and Jefferson County licensed dealers can earn 1.0 Trade Professional Education Units (PEU) credits for a fee of \$30.00 per license. Individuals with ONLY a St. Louis City License will no longer need to sign for PEU credits due to St. Louis City's process of taking certificates only. Please make sure you get a certificate for the class. As a reminder, be sure to bring your current license(s) to obtain these credits, as **you will not** receive any if we are not provided with a current license number.

NOTICE: NATE licensed dealers can earn continuing education accreditation hours. Please be sure to bring your current NATE certification card to obtain these credits.

**REGISTRATION IS REQUIRED, BECAUSE CLASS SIZES ARE LIMITED.  
THE REGISTRATION DEADLINE WILL BE FIRST COME FIRST SERVE.**

**\*\*All the meetings begin at 6:00 PM, EXCEPT Cape Girardeau, MO which starts at 6:30 PM. Please take note of any location changes as well.\*\***

Coffee, snacks and soda will be provided.

See the attached sheets for locations and registration form.

Looking forward to seeing you there,

**Koch Air**  
Service Department

# Staged Air Volume RTU's with VFD Drives

**REGISTRATION DEADLINE: April 12, 2018**

Monday	Tuesday	Wednesday	Thursday
<p><b><u>4/16/18</u></b>  <b><u>Jefferson City, MO</u></b>                      Capital Plaza Hotel                      415 W. McCarthy St.                      Jefferson City, MO 65101                      (573) 635-1234                      *PEU &amp; NATE*  <a href="https://kochair.eventsmart.com/?p=1225">https://kochair.eventsmart.com/?p=1225</a></p> <p>_____ # of Attendees</p>	<p><b><u>4/17/18</u></b>  <b><u>Hannibal, MO</u></b>  <b><i>Comfort Inn</i></b>                      (prev. Holiday Inn)                      4000 Market St.                      Hannibal, MO 63401                      573-406-0300                      *NATE Credits*  <a href="https://kochair.eventsmart.com/?p=1226">https://kochair.eventsmart.com/?p=1226</a></p> <p>_____ # of Attendees</p>	<p><b><u>4/18/18</u></b>  <b><u>Springfield, IL</u></b>                      Hilton Garden Inn                      3100 S. Dirksen Pkwy                      Springfield, IL 62703                      217-529-7171                      *NATE Credits*  <a href="https://kochair.eventsmart.com/?p=1227">https://kochair.eventsmart.com/?p=1227</a></p> <p>_____ # of Attendees</p>	<p><b><u>4/19/18</u></b>  <b><u>St. Louis, MO</u></b>                      Koch Air – St. Louis                      3141 Riverport Tech Center                      St. Louis, MO 63043                      314-595-7600                      *PEU &amp; NATE*  <a href="https://kochair.eventsmart.com/?p=1228">https://kochair.eventsmart.com/?p=1228</a></p> <p>_____ # of Attendees</p>
<p><b><u>4/23/18</u></b>  <b><u>Mount Vernon, IL</u></b>                      Koch Air – Mt. Vernon                      1327 Harlan Road                      Mt. Vernon, IL 62864                      618-731-7078                      *NATE Credits*  <a href="https://kochair.eventsmart.com/?p=1229">https://kochair.eventsmart.com/?p=1229</a></p> <p>_____ # of Attendees</p>		<p><b><u>4/25/18</u></b>  <b><u>St. Louis, MO</u></b>                      Holiday Inn SW                      10709 Watson Road                      St. Louis, MO 63127                      314-821-6600                      *PEU &amp; NATE*  <a href="https://kochair.eventsmart.com/?p=1230">https://kochair.eventsmart.com/?p=1230</a></p> <p>_____ # of Attendees</p>	<p><b><u>4/26/18</u></b>  <b><u>Cape Girardeau, MO</u></b>                      Hampton Inn                      207 S. Mt. Auburn Rd.                      Cape Girardeau, MO 63703                      573-334-4499                      *NATE Credits*  <b>~ CLASS STARTS AT 6:30! ~</b>  <a href="https://kochair.eventsmart.com/?p=1231">https://kochair.eventsmart.com/?p=1231</a></p> <p>_____ # of Attendees</p>

**\*\*\*NEW\*\*\*REGISTER ONLINE by clicking on the link(s) above.**

\_\_\_\_\_  
 Company Name

\_\_\_\_\_  
 Authorized By

\_\_\_\_\_  
 Date

**Please PRINT the names of those that will be attending:**

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**NOTICE:** A \$25 “no show” fee will be charged for each person registered that chooses not to attend that evening without a 24 hour notice. Similarly, the \$25 fee will also apply to those who attend training without prior registration.

1/1/2013

PLEASE SUBMIT TO: Tina Hall

Koch Air – St. Louis ♦ 3141 Riverport Tech Center Dr ♦ Maryland Heights MO

♦ 314-595-7649 (fax) ♦ thall@kochair.com ♦