



# ASHRAE LOUISVILLE CHAPTER NEWS

American Society of Heating, Refrigeration and Air Conditioning Engineers  
Serving the commonwealth for 45 years.

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## Motor/VFD System Issues in HVAC Applications

Speaker: Philip Landman

Monday, September 14, 2009

The University of Louisville Alumni Club from 11:30  
until 1:00 pm

It is extremely important to make your reservation no later than Wednesday, April 1st with Julian Donahue by simply using one of the following two options: 1) Calling (502) 569-3600 x 2422 2) E-mail [jdonahue@lwcky.com](mailto:jdonahue@lwcky.com).

## TOPIC:

Our topic this month is motor/VFD system issues in HVAC applications. Philip Landman will discuss motor basics, PWM VFD basics, power side harmonics (IEEE519), noise, winding failures and bearing failures.

## SPEAKER:

Philip Landman is a manufacturer's representative with Industrial Control Resources. Before that, he served as the VP of Sales and Marketing for Electric Motor Systems/MagneTek, Product Manager at Safetronics and Sales Engineer at Louis Allis/MagneTek. Mr. Landman has a bachelor of engineering from the University of Cincinnati and is a member in many professional societies. These associations include IEEE (Institute of Electrical and Electronics Engineers), AEE (Association of Energy Engineers), MANA (Manufacturer's Agents National Association), MAC (Manufacturer's Agents of Cincinnati) and PTRRA (Power-Motion Technology Representatives Association).

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VISIT THE LOUISVILLE CHAPTER ON THE WEB!

[www.louisville.ashraeregion7.org](http://www.louisville.ashraeregion7.org)

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## **MESSAGE FROM THE CHAPTER PRESIDENT**

By Jeff Murphy

Greetings Everyone,

As we end one of the coolest summers in history for the Kentucky area, we are reminded again how flexible each of us must be as we focus to grow and help our customers in the HVAC and Refrigeration world. It is a crazy and unpredictable world in so many ways. With that said, many people just through in the towel and cry out, "What can we do?" Well, the ASHRAE Louisville chapter believes we can do a lot and we are adopting the mantra, "What we focus on expands!" And, what we need to focus on is our behavior and what we can do to help, no matter how small or large the impact may be. To that end, our focus for the exciting 2009-2010 ASHRAE season is the following:

1. Bring interesting programs and tours
2. Connect with other associations, such as USGBC and AIA
3. Increase focus on the next generation of ASHRAE leadership through building teams and attracting new members
4. Focus on Green subject matter to better support what is going on in our society, cities, and the world

With the recent passing of Mr. Bob Logsdon, one of our great local and society level ASHRAE leaders, we are reminded of the importance of succession plans and how important it is to grow and develop the next generation of leaders to help keep us focused on how ASHRAE can not only remain relevant, but provide impactful guidance and vision for the future of the Refrigeration and HVAC industries.

Please be sure to reach out to your colleagues, customers, and others who may have interest in what is going on in ASHRAE and bring them to our next meeting.

All it takes is just one more and we grow, not only in size, but in focus,

We look forward to your involvement in ASHRAE this year and hope to see you on September 14th.

Regards,

**Jeff Murphy MBA, PE, LEED® AP**  
**President**

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