



AIR TEMP
HEATING & AIR CONDITIONING, INC.

HOT TOPICS & COOL SOLUTIONS

IMPORTANT INFORMATION FROM YOUR LINC SERVICE™ CONTRACTOR

March 2015

In This Issue

DOE Raises HVAC Energy-Efficiency Standards

Improve your IAQ

DID YOU KNOW?



Personal Air-Quality Monitors, which give users real-time data about the air they breathe, are becoming popular consumer items. Learn more about this trend [here](#).

MARKET TRENDS



HVAC Integration

HVAC INTEGRATION WITH BUILDING SYSTEMS



HVAC + BUILDING AUTOMATION SYSTEMS

Alerts facility managers of problems as soon as they happen and efficiently manages HVAC function based on multiple data sources



HVAC + TEMPERATURE, HUMIDITY, CO AND CO₂ SENSORS

Provides proper zone ventilation, heating and air conditioning and can provide smoke control during fire evacuations



HVAC + ACCESS CONTROL TECHNOLOGY

Optimizes energy efficiency by implementing power-saving mode when building is unoccupied

View a larger version of this image, [here](#).

As technology advances, there are more options for disparate systems to communicate with one another and improve a facility's overall energy efficiency. Click the image above to learn innovative ways that HVAC integration can make facilities more efficient.

Greetings,

March 20th is the official first day of Spring, have you planned a spring cleaning of your company's HVAC equipment yet? To prevent possible equipment failure, a proactive and preventive maintenance program that ensures your HVAC equipment is clean and functions at top capacity is essential.

Learn more about the role a well-maintained HVAC system plays in your facility's air quality and more in the educational articles below and don't forget to call [Air Temp Heating & Air Conditioning, Inc.](#) today to schedule an appointment to prepare your building for Spring!

DOE Raises HVAC Energy-Efficiency Standards

For the first time, the Department of Energy (DOE) has proposed HVAC equipment levels of efficiency that are higher than those of ASHRAE. For years the DOE has followed ASHRAE 90.1, which establishes minimum energy-efficiency standards for commercial heat and cooling equipment. Preliminary estimates show that more than 90% of equipment in use or currently being manufactured does not meet the aggressive levels being proposed by the DOE.

While the DOE projects the improved energy efficiency of new equipment will give owners a payback of 3-7 years on the added expense, it is probable that these aggressive energy standards will make replacement equipment more expensive. As replacement equipment becomes more expensive, it is important to invest in a proactive preventive maintenance program that ensures your HVAC systems' minor problems do not become critical failures that cost major money. Take action today by calling [Air Temp Heating & Air Conditioning, Inc.](#) to create a preventive maintenance plan to gain the most out of your HVAC system.

Improve your IAQ

Q & A



QUESTION: Why is it important to change air filters on a regular basis?

ANSWER: Changing air filters frequently and using a quality filter can extend the life of your HVAC equipment, as air filters protect HVAC equipment from the buildup of unwanted materials. Air filters are also an important component of ensuring workers' health and comfort, as they help remove airborne particles, including dust, pollen and mold, from circulating within buildings.

CONTACT US



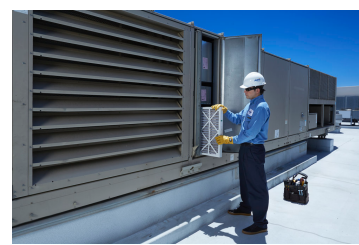
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According to the EPA, indoor air pollution is one of the top five environmental health risks. In fact, poor Indoor Air Quality (IAQ) can have immediate effects



on building occupants including irritation of eyes, nose and throat; headaches; dizziness and fatigue. Particularly hazardous air pollutants can have even worse, long-term effects that can lead to respiratory diseases, heart disease and cancer.

What can you do to ensure a healthy work environment for employees? Here are a few extra points to help raise your office's IAQ:

- Make sure your building is well ventilated with clean outdoor air
- Keep indoor environments dry, with indoor humidity levels between 30 - 60%, to prevent mold growth and musty odors
- Keep significant emission sources, such as large copy machines, separate from occupied spaces and air intakes
- Clean occupied areas regularly and maintain a sanitary office environment
- Keep HVAC systems well maintained and change air filters on a regular basis

GREEN INITIATIVES

ENERGY SMART

COMFORT ZONES