

**Making The Stimulus Work Harder – For You**



**How Honeywell Helps  
Make Homes and Buildings  
More Energy Efficient**

**Honeywell**

# Honeywell

Expansive Resources.  
Innovative Solutions.

From cars to airplanes and homes to skyscrapers, we're making the world more energy efficient, innovative and productive.

Honeywell is one of only four members of the Fortune 1000 to have its own energy services company, and nearly 50 percent of our product portfolio is linked to energy efficiency. The result? Millions of pounds of carbon dioxide emissions savings each year.

Honeywell technologies are found in more than 150 million homes, 10 million buildings and a multitude of manufacturing plants around the world. Over the past 30 years we have installed more than one million load management devices and delivered in excess of 800MW of load reduction – equivalent to the annual output of three nuclear power plants.

Honeywell has been committed to sustainability and energy conservation as real-world goals for more than 100 years – long before “green” issues became so popular. It is this historic perspective that helps make Honeywell so able to help lead forward-thinking companies, organizations and homeowners around the world toward the most energy-efficient and environmentally-responsible solutions available today.

With a comprehensive portfolio of commercial and residential products and an unparalleled record of success, Honeywell is uniquely qualified to help you use American Recovery and Reinvestment funding wisely and effectively.

**Energy Savings Performance Contracts (ESPCs)** are consistent with Department of Energy financing preferences and deliver guaranteed energy savings over a specified time period.

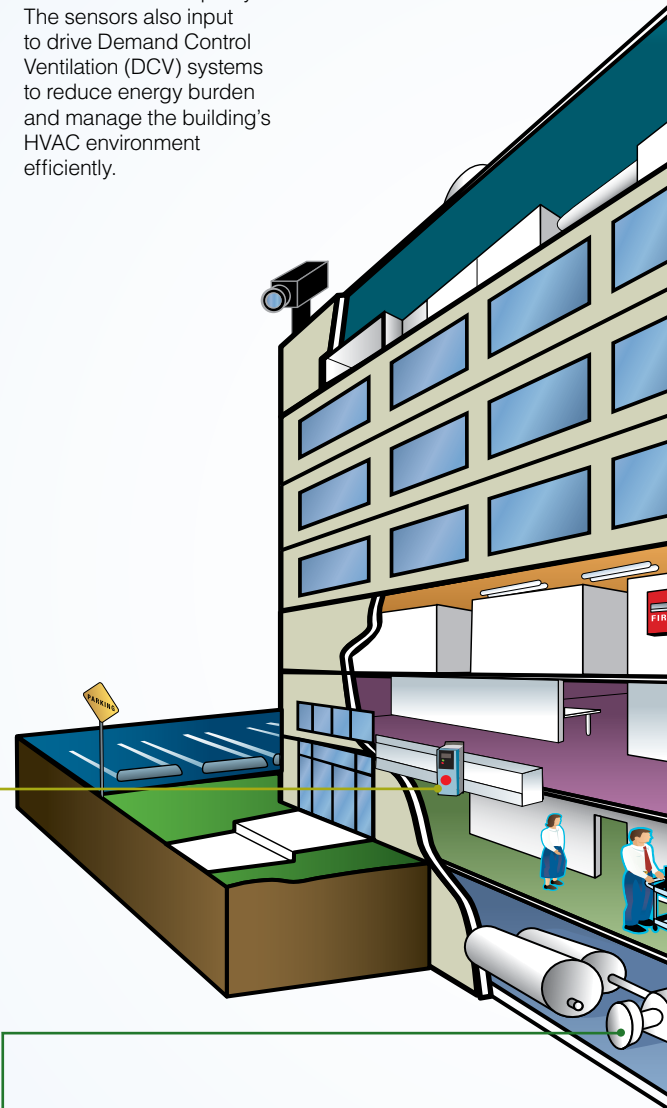
The **Honeywell Renewable Energy Scorecard™** is an easy-to-understand tool that demonstrates the return on investment of various types of renewable energy technologies, and can help you select the best one for your location and situation.

**Variable Frequency Drives (VFDs)** can reduce the electricity a motor consumes by 30 to 60 percent. In ventilation systems for large buildings, VFDs save energy by allowing the volume of air moved to match the system demand.

**Flame safeguard controls** reduce natural gas emissions and fuel costs from leaky, normally open valves. The energy-saving purge models save electrical energy by delaying the combustion blower motor until the high-fire switch activates.

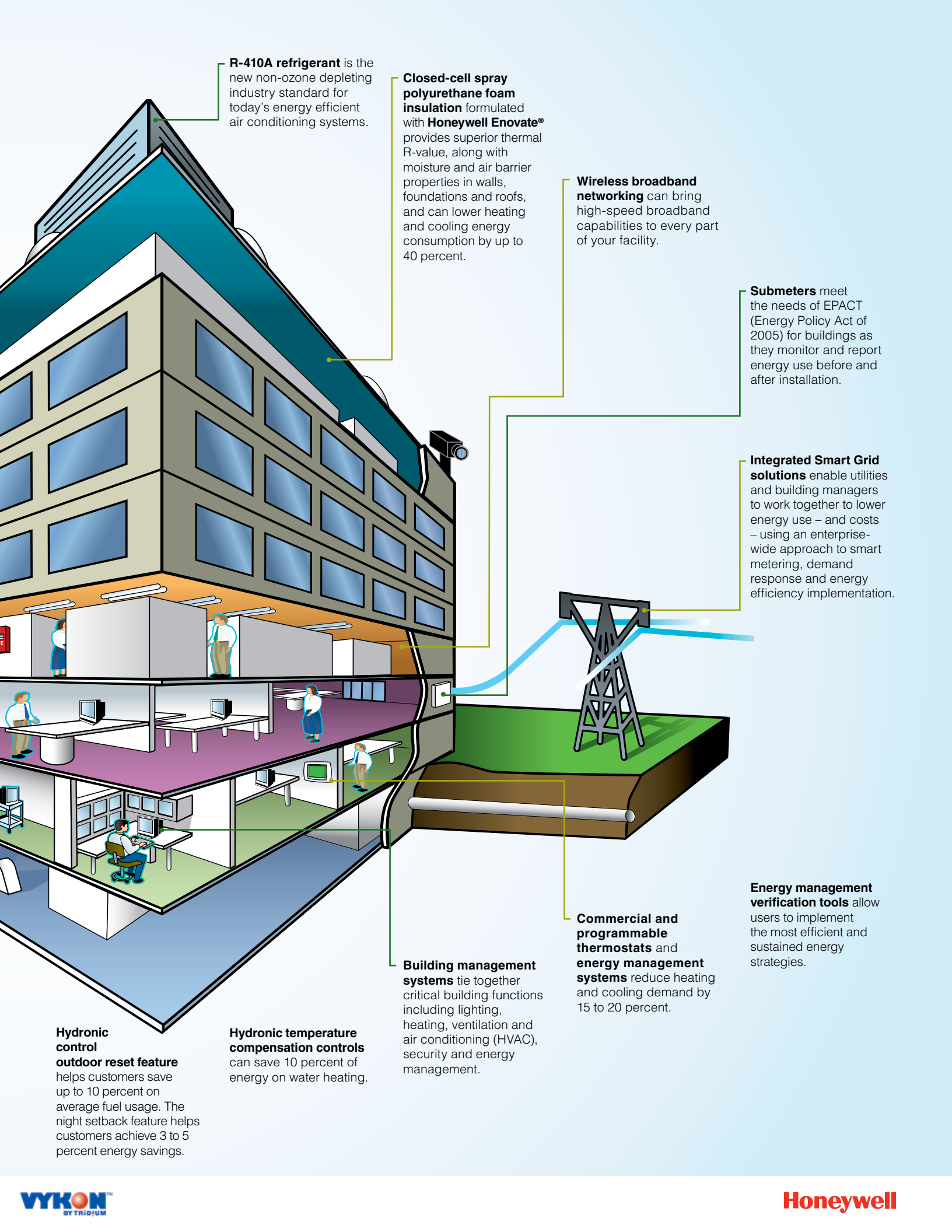
**Commercial Building Sensors** connect to Building Automation Systems (BAS) to indicate unsafe levels of CO<sub>2</sub> and monitor indoor air quality. The sensors also input to drive Demand Control Ventilation (DCV) systems to reduce energy burden and manage the building's HVAC environment efficiently.

**Economizers** cut energy costs and extend the life of mechanical equipment, and our **economizer savings estimator** helps contractors show customers how making improvements to their buildings can save money.



**Commercial combustion controls** increase burner efficiency and reduce fuel-generated greenhouse gas emissions.

**Fuel air ratio control systems** reduce fuel usage from 2 to 6 percent and beyond.



**R-410A refrigerant** is the new non-ozone depleting industry standard for today's energy efficient air conditioning systems.

**Closed-cell spray polyurethane foam insulation** formulated with **Honeywell Enovate®** provides superior thermal R-value, along with moisture and air barrier properties in walls, foundations and roofs, and can lower heating and cooling energy consumption by up to 40 percent.

**Wireless broadband networking** can bring high-speed broadband capabilities to every part of your facility.

**Submeters** meet the needs of EPACT (Energy Policy Act of 2005) for buildings as they monitor and report energy use before and after installation.

**Integrated Smart Grid solutions** enable utilities and building managers to work together to lower energy use – and costs – using an enterprise-wide approach to smart metering, demand response and energy efficiency implementation.

**Hydronic control outdoor reset feature** helps customers save up to 10 percent on average fuel usage. The night setback feature helps customers achieve 3 to 5 percent energy savings.

**Hydronic temperature compensation controls** can save 10 percent of energy on water heating.

**Building management systems** tie together critical building functions including lighting, heating, ventilation and air conditioning (HVAC), security and energy management.

**Commercial and programmable thermostats and energy management systems** reduce heating and cooling demand by 15 to 20 percent.

**Energy management verification tools** allow users to implement the most efficient and sustained energy strategies.

# Honeywell is at Home with Saving Energy.

**Honeywell UtilityPRO™ demand response thermostat** increases consumer satisfaction and lowers energy usage through state-of-the-art demand response and Smart Grid implementation.

**Programmable thermostats** can save homeowners up to 33 percent on annual heating and cooling costs.

**Enovate® blowing agent, developed for closed-cell spray polyurethane foam insulation**, offers superior thermal protection, drastically reduces air leakage and enhances building sustainability.

**Automated meter reading** for gas, electric and water utilities can include full program installation and startup, ongoing management and administration, and even financing and performance guarantees.

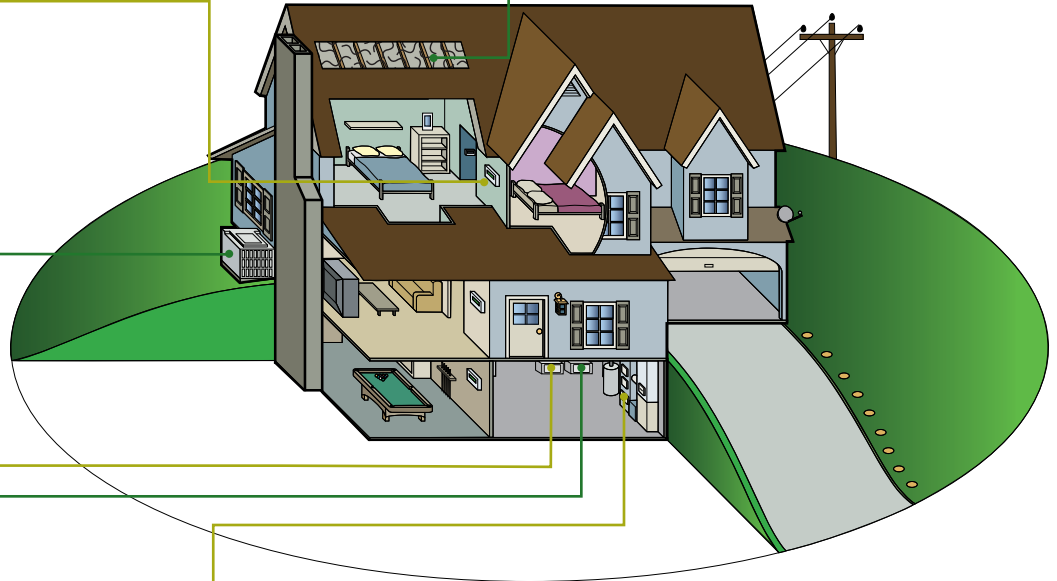
**R-410A refrigerant** is the new non-ozone depleting industry standard for today's energy efficient air conditioning systems.

**Whole-house humidification systems** are the most eco-friendly way to humidify a home, using up to 70 percent less water while delivering more moisture than traditional whole-house humidifiers.

**Whole-house dehumidification systems** improve comfort while saving energy by reducing the load on air conditioners.

**Zone controls** can help save homeowners an additional 5 to 10 percent above the savings achieved with a programmable thermostat.

\*If used as directed. Numbers based on average annual utility costs of \$1,500 with 50 percent going toward heating and cooling costs and 33 percent savings.



## Find Out More

Let us show you a variety of highly effective service, product and retrofit solutions that can help you achieve your energy efficiency goals while giving you the biggest impact for your Stimulus dollar. Visit [www.honeywell.com](http://www.honeywell.com)

## Honeywell

1985 Douglas Drive North  
Golden Valley, MN 55422-3992  
[www.honeywell.com](http://www.honeywell.com)

Enovate® is a registered trademark of Honeywell International, Inc. UtilityPRO™ and Renewable Energy Scorecard™ are trademarks of Honeywell International, Inc.

SL-53-2196  
May 2009  
© 2009 Honeywell International Inc. 



Honeywell is proud to support the Clinton Climate Initiative, USGBC, ACUPCC and other groups that encourage the responsible use of our natural resources.

# Honeywell