



**How Can You Help Your  
Customers Save Energy?**

# Honeywell Economizers — Saving



*Honeywell makes a wide range of energy-saving commercial products, but there's nothing you can offer your customers that saves energy like a Honeywell economizer. Honeywell economizers don't heat or cool anything — they simply bring in cool, fresh, outdoor air to help cool a building naturally. When outdoor conditions are favorable during a cooling request, the economizer brings in fresh cool outside air. If the conditions aren't favorable, the economizer directs the request to the mechanical cooling system.*

*In short, Honeywell economizers truly live up to their name.*

## Smart Choice

Along with energy savings, Honeywell economizers help ensure that you're meeting the latest ventilation codes. Callbacks are reduced by eliminating the often-heard "it's too stuffy" or "it's too cold" complaints.

- They're easy to install.
- They're built to last — averaging 15 years of reliable performance with minimal service required only for CO<sub>2</sub> sensor calibration approximately every five years.
- Add it all up — you'll see that Honeywell economizers are a great choice for you and your customers.

## Simplified Installation Provides Options

Honeywell economizers mount directly on economizer actuator motors, simplifying installation because wiring to the motor is eliminated. You can showcase the energy savings to building owners by starting with a basic solution — single enthalpy or single dry bulb — then move them up to a more sophisticated solution — differential enthalpy and demand control ventilation (DCV). Using the same logic module, just add the sensors that will provide the additional options and savings.

## Proper Ventilation Control

### • Maximize Energy Savings

Building owners want to save energy, but **YOU** have to show them how. Help them understand how they can save energy by bringing in less outside air during periods of low occupancy and using DCV during high occupancy. Only Honeywell economizers with DCV give you this option.

Use the Honeywell Savings Estimator to show the customer their potential savings. Download this free application at **[customer.honeywell.com/economizertools](http://customer.honeywell.com/economizertools)**.

### • Ensure Customer Comfort

Honeywell economizers improve occupant comfort. When a space is over-ventilated, people complain that it's too drafty; with under-ventilation, the complaint is that it's too stuffy.

Honeywell economizers close the damper when the space is unoccupied and automatically change the damper position to provide occupant comfort. Energy savings are attained without sacrificing comfort.

## Extend Equipment Life

Demand control ventilation saves compressor run-time and energy costs. Because you won't be bringing in hot, humid air; less mechanical cooling is required. Energy is saved, equipment life is extended and premature replacement costs avoided.

# Energy Is Natural



## Ensure New Ventilation Codes Are Met and Upgrade Opportunities for Your Business

For local, national and even international ventilation codes, Honeywell economizers have you covered. Just a few of the codes include:

- International Building Code — Updated in May 2007, this code will require economizers on all mechanical cooling units in 80 percent of the climate zones in the United States
- California Title 24
- Seattle Energy Code section 1413

## Built-In Freeze Protection

When the mixed air or discharged air temperature goes below 45° F, the economizer closes the outdoor dampers to protect the coils from freezing and possible equipment damage.

## Heat Pump Applications

Several Honeywell economizer models can be used for heat pump applications, so you're not limited to economizer rooftop units only.

## Helping Your Installers Get Up To Speed

Because Honeywell economizers feature consistent wiring and terminal designations, installation is always simple and easy. For installers who need training, Honeywell offers a simulator program and optional online training for the W7212 economizer and a comprehensive training package on the full line of economizers at [customer.honeywell.com/training](http://customer.honeywell.com/training).

## Additional W7215 Features

The Honeywell W7215 economizer comes with additional options:

- **Purge Option** — Allows evacuation of smoke with one relay contact closure.
- **Shutdown Option** — Allows shutdown of the entire system, including the unit controller.
- **Air Change Option** — Allows total change of air in the space during periods of high occupancy.
- **Outdoor Air Quality Option** — Prevents bad air, such as exhaust from idling busses or trucks, from entering the building.
- **Power Exhaust Fan Relative to Outdoor Damper Position** — Eliminates the need for an extra damper position sensor and relay by powering the exhaust fan in relation to the outdoor damper positions.

## Environmentally Friendly

Honeywell economizers will have your customers feeling good about reducing their energy and helping the environment. Mechanical equipment run-time is reduced, fewer resources are used and fewer emissions are released into the air. With Honeywell economizers, the world of savings makes a world of difference.

## AVAILABLE MODELS

- W7212, W7213, W7214, W7215 economizers
- CO<sub>2</sub> sensor
- TB7220, TB8220, T7350 thermostats

**Learn more**

For more information on Honeywell economizers, call **1-800-466-3993** or visit **customer.honeywell.com**.

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