

C7660 Dry Bulb Temperature Sensors

Honeywell



Greater Accuracy For Greater Energy Savings with selectable changeover and minimal temperature variance, Honeywell C7660 sensors for economizers deliver energy savings and occupant comfort in one sensor.



Tighter Control For Improved Comfort And Energy Savings

Using Honeywell economizers is already one of the best energy-saving choices you can make. Adding a C7660 dry bulb temperature sensor fine-tunes the energy savings even more through several features that improve efficiency and control. Used in arid climates, the C7660 is a smart choice for maximizing economizer energy savings.

HIGHLY ACCURATE

- The C7660 features a tight deadband of just 2° F, providing greater accuracy for when and when not to use outdoor air for cooling.
- Because the C7660 isn't dependent on A, B, C or D settings on the economizer logic module, you'll have more control of changeover temperatures.
- The operating ambient temperature range of -40° to 149° F lets the sensor operate in a wide band of temperatures.

EASY SETUP

- Eight selectable changeover temperatures — 48, 53, 55, 58, 63, 68, 73 and 78° F — are in the sensor, so there's no need to set the potentiometer on the economizer logic module.
- The temperature setpoint can be set or adjusted without resetting power to the sensor or economizer.
- Because the C7660 is compatible with all legacy Honeywell economizer logic modules, you can offer customers tighter control without the need to replace the economizer.
- The C7660 mounts in the same orientation with the same mounting holes as the C7650, so installation time is reduced in replacement applications.

BETTER BOTTOM LINE

The ultimate goal of economizer use is energy savings with reduced environmental impact. Using the C7660 dry bulb temperature sensor is a great way to save even more.

MODEL NUMBER	DESCRIPTION	REPLACES
C7660A1000	Selectable Temperature Sensor for Economizers	C7650A1001 and C7650A1027

Learn More

For more information on Honeywell C7660 Dry Bulb Temperature Sensors, call **1-800-466-3993** or visit **customer.honeywell.com**.

Automation and Control Solutions

Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422-3992
800-468-1502
1-800-466-3993
www.honeywell.com

67-7089 PM
November 2008
© 2008 Honeywell International Inc.

CALCULATE THE SAVINGS WITH THE ECONOMIZER SAVINGS ESTIMATOR

Free, up to date and easy to use — three features of the Honeywell Economizer Savings Estimator.

PERFECT "WHAT IF" TOOL

The Economizer Savings Estimator provides the estimated energy savings for using various control products for rooftop units. It's current with the latest ASHRAE energy and buildings standards, and you'll find a wide range of building types and ventilation solutions for ease of use.

- Provides global information, so you can adjust it for your region.
- Wide range of variables — occupancy, setpoints, utility rates and much more — lets you fine-tune the tool for your building type.
- Calculates the building's HVAC carbon site footprint for a greater understanding of the environmental impact.

PERFECT SALES TOOL

Because the Economizer Savings Estimator can quickly show the estimated energy savings for various control scenarios, you'll be able to estimate the payback period based on your recommendations. When customers see the savings and payback along with the increased occupant comfort, your sales will increase. And since the tool is easily downloaded to your computer, you can sit with the customer and plug in different options to make your sale.

- Use your customers' utility rates to show the true impact of the energy savings.
- Test different control strategies within your building without actually having to do the installation.
- Calculate compressor run time vs. economizer run time, so your customers will see how much longer the compressor will last if they use improved demand control ventilation with an economizer.
- Show your customer the estimate immediately with just a few clicks of the mouse.
- Go to **customer.honeywell.com/economizertools** to download. With this tool, there's no need to take anything more than your laptop on the sales call.

Honeywell