



## Zoning Made Effortless

# Why Honeywell?

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## Products

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### Complete Product Line

With Honeywell, you'll have access to the most extensive, leading-edge zoning product line available, including conventional, communicating and wireless zone systems and dampers. Many products are available as kits to make ordering and installation even simpler.

### In Demand

According to a Decision Analysts survey of over 25,000 homeowners, 61 percent say they're dissatisfied with their home comfort system, and the number one complaint is uneven temperature. Zoning is the perfect solution to satisfy homeowners and increase your profits.



### Homeowners Want It Also

The Decision Analysts survey indicates that more than 60 percent of homeowners will request individual room temperature control in the next home they build. If a contractor offers a zoning system, 50 percent of homeowners are likely to make a purchase.

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## Brand

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### History

Honeywell has been manufacturing the highest-quality, most-used residential zoning products since 1956.



### Preference

The Honeywell brand is known, trusted and preferred by millions of professional contractors and the customers they serve. Honeywell is the #1 choice of homeowners and has strong brand recognition.

## Support

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### Technical Support

Honeywell offers you a dedicated toll-free zoning hotline — 1-800-TAT-TEMP (1-800-828-8367) — to answer all technical questions ranging from system design to troubleshooting. You'll also have the local technical expertise of Honeywell Contractor Development Specialists (CDS) available to you, including diagnostics, on-site training and more.

### Marketing And Training Support

Honeywell backs your zoning efforts with training and demonstrations, free homeowner literature and a personal use program. You'll also earn Contractor PRO™ points with every zoning purchase. You can use those points for additional products and marketing materials, helping to add even more profit to your bottom line.



### Warranty

Honeywell zoning panels and dampers feature a 5-year warranty. An optimal extended parts and labor coverage up to 10 years is available.

# Honeywell

# TrueZONE™ Panels

Honeywell took its more than 50 years experience and leadership in the zoning business and combined it with feedback from hundreds of contractors like you. Together, we've re-invented zoning panels and made zoning truly effortless.



If you've ever installed a zoning system by setting manual dip switches, you'll appreciate the simplicity, convenience and time savings that TrueZONE™ offers. TrueZONE helps eliminate callbacks by ensuring that the system is operating properly before the installer leaves the jobsite. It all adds up to true comfort for your customers and true profit for your bottom line.

When looking for a zoning system for your next job, look for these exclusive Honeywell TrueZONE features:

- **Intuitive Installer Setup** — Easy-to-follow, digital display uses real language to guide installer through four simple steps. (HZ432 and HZ322)
  - 1) Select equipment type
  - 2) Select heat/cool stages
  - 3) Select number of zones
  - 4) Select stage control
- **Standardized Checkout Procedure** — Standardizes the checkout process so that every installer checks out in the same way every time and ensures that all zones are operating correctly before leaving the jobsite. Only one installer needed for checkout. (HZ432 and HZ322)
- **Robust Push Terminals** — Push-in terminal blocks wire in literally half the time compared to screw terminals — with no screwdriver required. Plus, wires lock in to the terminals for a tight fit.
- **Common-Sense LEDs** — Indicate which zones are calling, what stage they are calling for (heat/cool) and when the emergency heat is on.
- **Universal Application** — Works with virtually any brand equipment for zone control of conventional, heat pump or dual fuel systems.
- **Clean, Professional Installation** — Patented wire channel allows installer to run wires on the side, top, bottom or backside of the panel and wire anchors help hold wires in place.
- **Smaller Footprint** — Gives installer the ability to mount TrueZONE panels anywhere — on the return duct, studs or wall next to the system. All panels are eight inches wide.
- **Variable-Speed Fan Control** — Reduces blower speed in cooling when one zone is calling.
- **Discharge Temperature (DATS) Staging** — Downstages equipment when discharge air temperature is near the limit. (HZ432 and HZ322)
- **Advanced Dual-Fuel Operation** — Offers dual-fuel changeover based on outdoor temperature and/or thermostat staging. (HZ432 only)

Part Number	Description
HZ432	4 zone, 3H/2C panel used for conventional, heat pump or dual fuel systems; expand up to 32 zones with TAZ-4
HZ322	3 zone, 2H/2C panel used for conventional or heat pump equipment
HZ311	3 zone, 1H/1C panel used for conventional equipment
HZ432K	Includes (1) HZ432 panel, (1) transformer and (1) C7735A discharge air temperature sensor
HZ322K	Includes (1) HZ332 panel, (1) transformer and (1) C7735A discharge air temperature sensor
HZ311K	Includes (1) HZ311 panel, (1) transformer and (1) C7735A discharge air temperature sensor

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## TrueZONE HZ432 Panel

For conventional, heat pump or dual fuel applications. 4-zone panel, expandable up to 32 zones (3H/2C).

- **Intuitive Installer Setup**
- **Universal Application**
- **Standardized Checkout Procedure**
- **Robust Push Terminals**
- **Common-Sense LEDs**
- **Clean, Professional Installation**
- **Smaller Footprint**
- **Variable-Speed Fan Control**
- **Discharge Air Temperature Staging**
- **Advanced Dual-Fuel Operation**



**5-YEAR**  
WARRANTY

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## TrueZONE HZ322 Panel

For conventional and heat pump applications. Up to 3 zones (2H/2C).

- **Intuitive Installer Setup**
- **Universal Application**
- **Standardized Checkout Procedure**
- **Robust Push Terminals**
- **Common-Sense LEDs**
- **Clean, Professional Installation**
- **Smaller Footprint**
- **Variable-Speed Fan Control**
- **Discharge Air Temperature Staging**



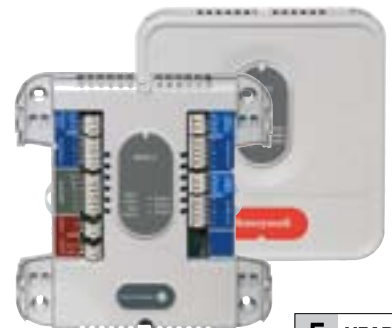
**5-YEAR**  
WARRANTY

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## TrueZONE HZ311 Panel

For conventional, single stage applications. Up to 3 zones (1H/1C).

- **Universal Application**
- **Robust Push Terminals**
- **Common-Sense LEDs**
- **Clean, Professional Installation**
- **Smaller Footprint**
- **Variable-Speed Fan Control**



**5-YEAR**  
WARRANTY

# Wireless And Networked Zoning

For difficult retrofit jobs, Honeywell provides an option that saves considerable installation and setup time. When you wonder how you're going to run all the wiring, don't worry about it — use Honeywell wireless zoning systems. You'll be able to provide homeowners the comfort and energy efficiency they're looking for, even in tough-to-zone homes. Plus, when you offer wireless zoning, you'll have more opportunities to sell it to homeowners you may not otherwise have approached. More opportunities means more business.

For high-end installations, Honeywell networked zoning solutions take efficiency to a new level. Rather than working individually, networked thermostats talk to each other and work as a team to maximize both comfort and energy savings. You can even set up the networked zoning system for integration with home automation control systems that are becoming increasingly popular.



Networked Zoning Accessories	
Part Number	Description
W8703A1003	EnviraCOM™ damper interface module (expands W8835A1004 up to 9 zones)
C7835A1009	EnviraCOM discharge air temperature sensor
C7089U1006	Outdoor sensor (50022037 required for use with W8835 panel)
50022037	Outdoor sensor interface module (required when using C7089 temperature sensor with W8835 panel)

Networked Zoning Systems with VisionPRO® IAQ	
Part Number	Description
Y8835A1044	2-zone networked zoning kit: zone panel and 2 VisionPRO® IAQ thermostats
Y8835A1028	3-zone networked zoning kit: zone panel and 3 VisionPRO IAQ thermostats
Y8835A1036	2-zone networked zoning kit: zone panel, 1 VisionPRO IAQ thermostat and 1 FocusPRO® communicating thermostat
Y8835A1051	3-zone networked zoning kit: zone panel, 1 VisionPRO IAQ thermostat and 2 FocusPRO communicating thermostats
W8835A1004	EnviraZone™ (3H/2C) networked zone panel
TH9421C1004	VisionPRO IAQ (3H/2C) thermostat
TH5320C1002	FocusPRO (3H/2C) communicating thermostat

## Wireless RF Zoning

Don't let the need for added wiring get in the way of providing zoning for your customers. Go wireless with the T8665A Chronotherm® IV. For difficult or impossible applications to wire, the RF system allows you to retrofit up to three zones per panel. It works with both TotalZone panels and Electronic MiniZone panels. It's a terrific way to meet customer demand for room-by-room comfort.

- Within a 200-ft. range of interference-free transmission.
- Use a W8665E receiver for applications up to three zones.



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## Networked Zoning

For high-end homes, use the network zoning system that allows communication between thermostats, intelligent equipment cycling and remote access by phone, Internet or home automation systems. Allowing thermostats to talk to each other helps improve system efficiency, and Honeywell makes it easy with EnviraZone™ Networked Zoning. EnviraZone uses the exclusive EnviraCOM™ communications protocol to connect thermostats for the most efficient regulation of panel and damper cycles.

- Simple three-wire connection between devices.
- One thermostat model covers all applications.
- Available in two-zone and three-zone system kits.
- Expandable up to nine zones with additional W8703 damper interface modules and thermostats.
- Optional Serial Adapter allows user to control system using many popular RS-232-compatible home automation control systems. Allows easy integration to host controller, gateways and computers.
- Zone of greatest demand algorithm reduces cycling by coordinating calls for heat and cool by zone.



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*Proud Partner*  
**AMERICAN  
LUNG  
ASSOCIATION  
HEALTH HOUSE**  
Setting the Standards for Healthier Indoor Environments.  
The American Lung Association and its  
Health House program do not endorse products.

# Dampers

Honeywell dampers offer the highest quality workmanship and unparalleled performance. Every Honeywell damper is built for installation flexibility, reliability and reduced callbacks.

### 5 Reasons To Choose Honeywell Dampers:

1. **Quick** — With a wide variety of available sizes in both round and rectangular versions, it's easy to find exactly what you need. And the mechanical visual position indicators make installation and operation easier. Universal application means you can stock fewer parts.
2. **Durable** — Riveted for extra strength and long-term use. Rugged gear construction, two-piece blade bearing and reinforced blade construction add to the long product life.
3. **Adjustable** — The adjustable minimum and maximum position stops allow you to fine-tune the dampers to your customer's individual needs.
4. **Non-polarized, two-wire actuator** — Makes installation simple and foolproof.
5. **DuPont® Kevlar™ gears** — Built with gears containing DuPont Kevlar fiber, doubling the actuator wear life. Kevlar is five times stronger than steel on an equal weight basis, yet lightweight and flexible, giving Honeywell damper gears twice the life of other gears.\*



\*Based on side-by-side comparison testing of dampers using metallic gear construction. Kevlar is a registered trademark of E.I. du Pont de Nemours and Company.

Rectangular Supply Dampers — common sizes**	
ZD10x8	Motor is mounted on second dimension. For bottom-mounted motor, reverse the dimensions.
ZD12x8	
ZD14x8	
ZD16x8	
ZD18x8	
ZD20x8	
ZD20x10	
ZD24x8	
Round Supply Dampers — common sizes	
ARD6	
ARD8	
ARD10	
ARD12	
Retrofit Round Dampers	
RRD5	Easily slides into rigid round duct.
RRD6	
RRD7	
RRD8	

\*\* Damper sizes available in 125 variations.

## Rectangular ZD Dampers

Honeywell ZD dampers are available in both side-mount and bottom-mount models. A power close, spring open damper, the ZD operates quietly and features a parallel blade design for low-leakage performance. Available in over 125 sizes.



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Two-piece bearing for long life and quiet operation.



Parallel blade with extruded lip for low leakage.



Durable construction — riveted and screwed corners.

## Round ARD Dampers

Honeywell Automatic Round Dampers (ARD) are single-blade models that close tightly to minimize leakage and feature a position indicator for damper status.

- Outstanding seal— Built with gasket to ensure low leakage of less than 1 percent.
- Sizes available from 5" to 20".
- Modulating round dampers available from 6" to 22".
- Fresh air dampers available in power open/spring close orientation.
- Rugged construction built to last.
- Gears built with Dupont™ Kevlar® fiber.



**5-YEAR  
WARRANTY**

## Round RRD Dampers

Ideal for retrofit applications, Honeywell's complete line of retrofit dampers ensures that you will have the right size for any job. And, with a 2.5 VA actuator, you can connect up to 12 dampers on any of the Honeywell zone panels without a damper expansion module.

- Sizes available from 5" to 8".
- Cycle tested to 100,000 cycles with less than 5 percent leakage at .5 wc.
- Visual position indicator, range stops and manual position adjustment.
- Features a 2.5 VA actuator, enabling the connection of up to 12 dampers on any of the Honeywell zone panels without a damper expansion module.



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# Honeywell Zoning vs. Two Systems

In many cases, Honeywell zoning is a superior solution to using two pieces of equipment. With savings in total installed cost, energy consumption and maintenance costs, the advantages of a one-piece Honeywell zoning system add up year after year.

## Lower Installed Cost

The total installed cost of a zoning system compared to installing two pieces of equipment ranges from nine to 25 percent while providing the same level of comfort. You'll also have more flexibility for upgrades. Because zoning costs less, you'll be able to add system enhancements that optimize the homeowner's budget. You'll be able to deliver a more complete system at an affordable price.

## Energy Savings

Heating and cooling a home requires the same level of BTUs regardless of the number of pieces of equipment. Due to lower amp draw and reduced cycle time, the efficiencies favor a Honeywell zoning system over two pieces of equipment.

## Less Maintenance

With a Honeywell zoning system, the average maintenance costs can be 50 to 75 percent less over time compared to servicing two pieces of equipment. Plus, adding indoor air quality products requires adding only one of each item instead of two, reducing future maintenance costs even more.



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## Additional Honeywell Value

For great value and support, no one gives you more than Honeywell. You can count on Honeywell for everything from Rewards Back, to free marketing literature, to detailed training to, of course, the top zoning systems in the industry.



Rewards Back:  
[www.contractorpro.com](http://www.contractorpro.com)



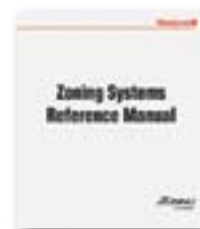
Free contractor literature:  
[www.customer.honeywell.com](http://www.customer.honeywell.com)



Zoning demonstrator board for training purposes:  
[www.displayarts.com/honeywell](http://www.displayarts.com/honeywell)



Training CD:  
Form #63-E7120



Zoning systems reference manual:  
Form #63-7067

# The Home Comfort And Energy Efficiency Leader

In addition to zoning systems, only Honeywell provides you with the leading portfolio of residential control products to meet your needs for every application, budget and customer.



## Thermostats

Honeywell thermostats are the #1 choice of both homeowners and contractors. From the effortless programming of the VisionPRO® to the popular design of The Round™, Honeywell helps you meet the needs of every application, customer and budget with just one brand.



## Whole-House Air Cleaners

Honeywell whole-house air cleaners and replacement filters have a long history of quality performance and reliability. They also come with exclusive industry features like filter composition, roll-formed steel cabinets and five-year warranties.



## Whole-House Humidifiers

Steam. Powered. Bypass. Honeywell whole-house humidifiers come in a variety of styles, so you can meet any situation. Honeywell humidifiers come with a variety of exclusive features, and the new, easy-to-install TrueSTEAM™ humidifier works independent of the heating and cooling system, so you can make sure your customers' homes have the moisture they need right when they need it.



## UV Treatment Systems

With built-in safety features, lamps that install without tools and SmartLamp™ Technology that extends lamp life, Honeywell ultraviolet air and surface treatment systems are a great choice. A complete array of single- and dual-lamp systems is available.



## Whole-House Ventilation

Honeywell offers a variety of energy efficient ventilation systems for both new construction and retrofit applications — ERV/HRV for balanced ventilation and Y8150 for supply ventilation.



## Water Solutions

Grow your business by adding Honeywell water solutions products to your portfolio. From hydronic heating controls to mixing valves, Honeywell water solutions are built with both customer and contractor satisfaction in mind.

## Honeywell Zoning Commitment

Honeywell zoning systems are built with you, the contractor, in mind. Honeywell understands that customer satisfaction and profit are important to your business. That's why Honeywell zoning systems are built for installation simplicity and reduced callbacks. Honeywell is committed to delivering the most reliable zone panels and dampers in the industry to help keep your customers — and your bottom line — in the comfort zone.

### **Learn More About**

#### **Honeywell Zoning Solutions**

For more information about Honeywell Zoning Systems, contact your Honeywell dealer or visit [customer.honeywell.com](http://customer.honeywell.com).

#### **Automation and Control Solutions**

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1985 Douglas Drive North  
Golden Valley, MN 55422-3992

In Canada:

Honeywell Limited

35 Dynamic Drive  
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