



## Complete Line of Honeywell Zoning Products

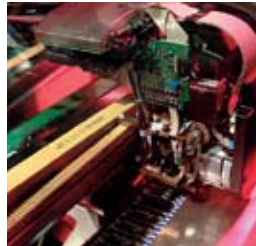


# Why Honeywell?

---

## Products

---



### 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 Zoning

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.

---

## Brand

---

### 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

---

### 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 installation. (HZ432 and HZ322)

**RedLINK Wireless Technology** — Enabled with the first wireless protocol specifically designed for the HVAC industry making installation effortless. RedLINK technology allows for added comfort control with the Portable Comfort Control and Wireless Outdoor Air Sensor. (HZ432 and HZ322 only, Wireless Adapter Required)

1. Portable Comfort Control allows homeowner to centrally control all RedLINK enabled thermostats at their fingertips
2. Wireless Outdoor Air Sensor displays outdoor temperature and humidity on all RedLINK devices while also controlling dual fuel applications (HZ432 only)
3. Eliminate need to pull thermostat wire to the TrueZONE panel

**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 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 back-side 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 only 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 or shuts down.

**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; RedLINK Enabled expand up to 32 zones with TAZ-4
HZ322	3 zone, 2H/2C panel used for conventional or heat pump equipment; RedLINK Enabled
HZ311	3 zone, 1H/1C panel used for conventional equipment
HZ221	2 zone, 2H/1C panel used for heat pumps with auxiliary heat
HZ432K	Includes (1) HZ432 panel, (1) transformer and (1) C7735A discharge air temperature sensor
HZ322K	Includes (1) HZ322 panel, (1) transformer and (1) C7735A discharge air temperature sensor
HZ311K	Includes (1) HZ311 panel, (1) transformer and (1) C7735A discharge air temperature sensor
HZ221K	Includes (1) HZ221 panel, (1) transformer and (1) C7735A discharge air temperature sensor

**Honeywell**

## TrueZONE HZ432 Panel

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

- Intuitive Installer Setup
- RedLINK Enabled with Wireless Adapter (up to 4 zones)
- Universal Application
- Standardized Checkout Procedure
- Robust Push Terminals
- Common-Sense LEDs
- Variable-Speed Fan Control
- Discharge Air Temperature Staging
- Advanced Dual-Fuel Operation
- Expandable up to 32 zones



## TrueZONE HZ322 Panel

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

- Intuitive Installer Setup
- RedLINK Enabled with Wireless Adapter
- Universal Application
- Standardized Checkout Procedure
- Robust Push Terminals
- Common-Sense LEDs
- Variable-Speed Fan Control
- Discharge Air Temperature Staging



## TrueZONE HZ311 Panel

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

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



## TrueZONE HZ221 Panel

For single stage heat pump applications  
with auxiliary heat (2H/1C).

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



# Wireless Zoning Systems

## The Game Changer

When used with our RedLINK-enabled TrueZONE® panels, our Wireless Adapter allows you to easily — and wirelessly — add zoning to a home or add more zones to an existing system. Most zoning jobs can be done in one day and bidding risk is virtually eliminated.



## Add — One Wired, One Wireless

Every home has one room or area that is too hot or cold. Solve that problem today with a RedLINK-enabled TrueZONE panel and Wireless Adapter Kit. TrueZONE panels support both wired and wireless thermostats — the choice is yours. Go one wired and one wireless or upgrade all to the Wireless FocusPRO.

## Four Zones Made Effortless and Wireless

When homeowners want zoning, they typically identify more than two zones. With a TrueZONE HZ432 panel and the Wireless Adapter Kit, add up to four zones (per panel) without running thermostat wires.



## One Control for Every Zone

Add the Portable Comfort Control to give homeowners the control to change the temperature in any zone from anywhere in the house. For example, watch TV downstairs, but warm the upstairs bedroom before going to bed. Name each zone on the Portable Comfort Control with one of 50+ options — upstairs, master bedroom, office — even wine cellar and home theatre.

Homeowners can toggle between zones and adjust the temperature from anywhere in the home.

RedLINK Zoning Kits	
Part Number	Description
YHZ432R5108	Includes (1) HZ432 Panel, (1) Wireless Adapter, (1) C7735A Discharge Air Temperature Sensor, (1) Transformer, (1) Prestige HD Thermostat, (1) Programmable FocusPRO Thermostat, (1) Portable Comfort Control and (1) Wireless Outdoor Sensor
YHZ432R1108	Includes (1) HZ432 Panel, (1) Wireless Adapter, (1) C7735A Discharge Air Temperature Sensor, (1) Transformer, (2) Programmable FocusPRO Thermostats, (1) Portable Comfort Control and (1) Wireless Outdoor Sensor
YHZ432R5108	Includes (1) HZ322 Panel, (1) Wireless Adapter, (1) C7735A Discharge Air Temperature Sensor, (1) Transformer, (1) Prestige HD Thermostat, (1) Programmable FocusPRO Thermostat, (1) Portable Comfort Control and (1) Wireless Outdoor Sensor
YHZ432R1108	Includes (1) HZ322 Panel, (1) Wireless Adapter, (1) C7735A Discharge Air Temperature Sensor, (1) Transformer, (2) Programmable FocusPRO Thermostats, (1) Portable Comfort Control and (1) Wireless Outdoor Sensor
Wireless Thermostats	
Part Number	Description
YTH6320R1023	Programmable FocusPRO and Wireless Adaptor
YTH5320R1025	Non-Programmable FocusPRO and Wireless Adaptor



# Networked Zoning

For high-end homes, use the network zoning system that allows communication between thermostats, intelligent equipment cycling and remote access by phone. 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.

- Zone of greatest demand algorithm reduces cycling by coordinating calls for heat and cool by zone.
- 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 TAM allows users to remotely control the equipment via the telephone



**5-YEAR  
WARRANTY**

Networked Zoning Accessories	
Part Number	Description
W8703A1003	EnviraCOM® damper interface module
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 Kits	
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

\*Kits include:  
 TH9421C1004 or TH5320C1002 Thermostats  
 W8835A1004 Control Panel  
 C7089U1006 Outdoor Temperature Sensor  
 50022037-001 Outdoor Temperature Interface Module  
 AT140A1042 40VA Transformer

# 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	

### SPRD Dampers

SPRD7	12X10
SPRD8	12X12
SPRD9	12X18
SPRD10	20X10
SPRD12	20X12
SPRD14	20X8
SPRD16	

\*\* Damper sizes available in 125 variations.

**Honeywell**



## 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.



**5-YEAR  
WARRANTY**



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 (MARD) available from 6" to 18".
- Fresh air dampers available in power open/spring close orientation (EAR).
- Rugged construction built to last.
- Gears built with Dupont™ Kevlar® fiber.



**5-YEAR  
WARRANTY**

## Round RRD Dampers

Ideal for retrofit applications in rigid duct, Honeywell's complete line of retrofit dampers ensures that you will have the right size for any job.

- 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.



**5-YEAR  
WARRANTY**

## SPRD Bypass Dampers

Single-blade, steel barometric damper used to automatically bypass excess air when majority of zone dampers are closed.

- Counter-balanced weighted arm to control bypass air.
- Available in rectangular/square and round sizes.
- Recommended for low pressure systems with less than .5 in wc.



**5-YEAR  
WARRANTY**

# 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.



# Honeywell Sales and Marketing Support

For great value and support, no one offers more than Honeywell. You can count us for everything from Contractor PRO rewards, to free literature, to detailed training demos and materials, Honeywell has you covered.



## Contractor PRO Rewards

Get rewards back on purchases

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



## FREE Literature

Free sales/installation literature

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



## Zoning Sales and Technical Resource

All Honeywell Zoning sales/technical literature in one book

Product #63-7067

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



## "What's Your Zone-Ability?"

### Training Material Includes Zoning Training DVD

Training presentation, videos, and sales/technical information

Product #50-1034

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



## TrueZONE™ Panel Demo Display

Includes TrueZONE HZ432 Panel

Product #50-9801

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



## RedLINK™ Zoning Demo Display

Includes product for an HZ432 RedLINK Zoning System

Product #DSP3525-R

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

**Order online, through your Honeywell Sales Rep or Honeywell Customer Care Rep**

# 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 Prestige® 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.



## Whole-House Dehumidifiers

Honeywell's Whole-House Dehumidifiers remove the latent heat (moisture) from air to increase comfort and safeguard the home. They also help the home's air conditioner run more efficiently by allowing them to focus on temperature control. With integrated Fresh Air Ventilation options and high-performance air filtration, Honeywell dehumidifiers perform multiple functions in a compact enclosure and are easy to install in ducted or un-ducted applications.



## 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 are 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.

### Automation and Control Solutions

In the U.S.:

Honeywell

1985 Douglas Drive North

Golden Valley, MN 55422-3992

[www.honeywell.com](http://www.honeywell.com)

50-9420 RL

4/2/09

©2009 Honeywell International Inc.

# Honeywell