



## Honeywell Zoning Products: More Choices, More Solutions



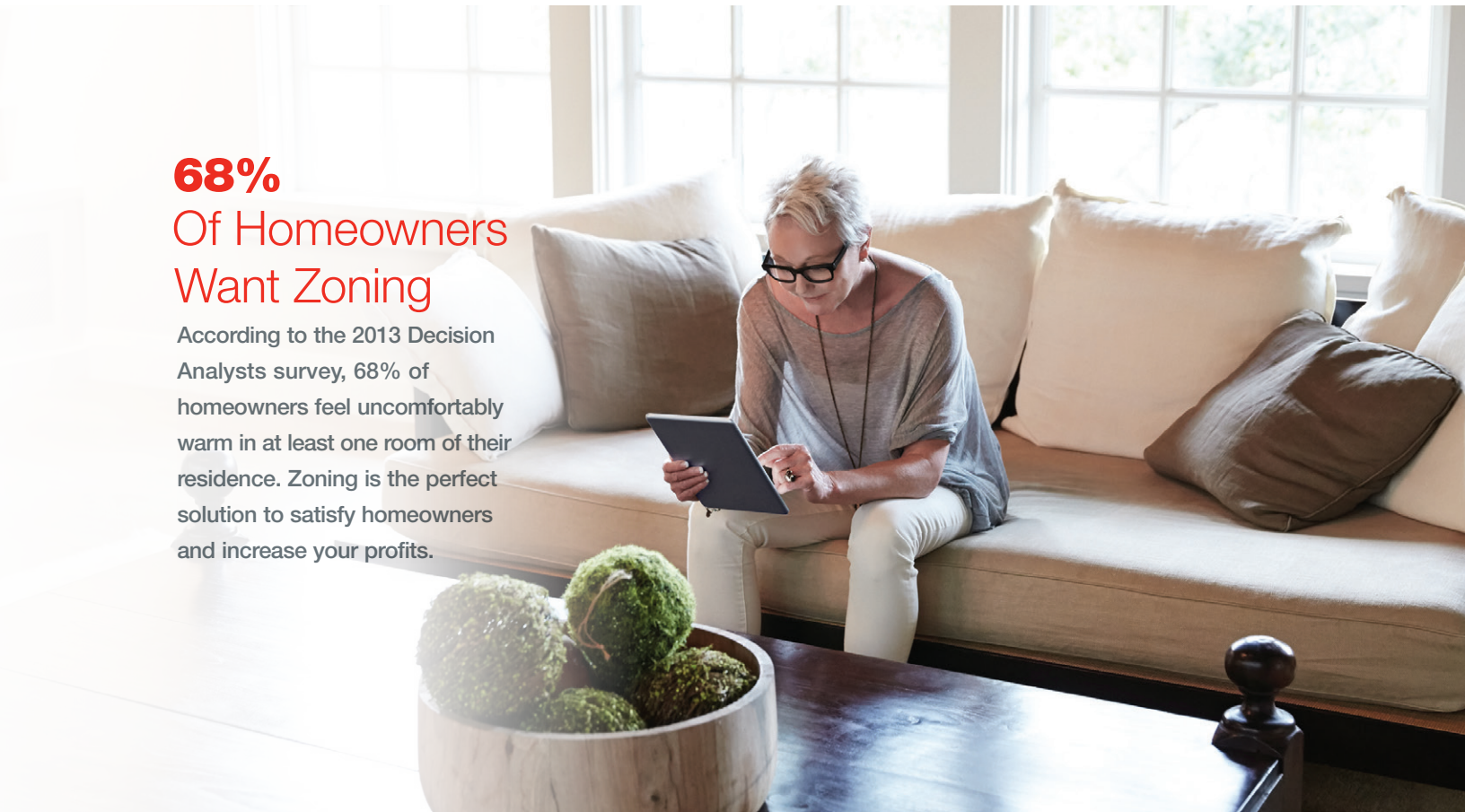
# The Smart Zoning Choice is Honeywell TrueZONE<sup>®</sup>

## Complete Product Line

For complete zoning solutions for nearly any application, the only name you need to know is Honeywell. Updates to the line, like the TrueZONE<sup>®</sup> Damper, make zoning easier and more efficient than ever. You can count on the most extensive and innovative product line available, including conventional and wireless solutions. All are designed for installation ease, and in many cases pre-packaged kits simplify ordering and make installation even easier. With the innovative TrueZONE Panel and new TrueZONE Dampers, giving your customers the many benefits of zoning has never been simpler.

## 68% Of Homeowners Want Zoning

According to the 2013 Decision Analysts survey, 68% of homeowners feel uncomfortably warm in at least one room of their residence. Zoning is the perfect solution to satisfy homeowners and increase your profits.



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## Proven Performance

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Honeywell has been manufacturing the highest-quality, most-used residential zoning products since 1948, and the Honeywell brand is preferred by millions of professional contractors and the customers they serve.

And no wonder. In addition to a toll-free zoning hotline and a powerful five-year warranty, Honeywell also supports contractors with marketing materials and training services to help increase sales and profits.

## Support

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### Technical Support

Use the dedicated toll-free zoning hotline — **1-800-TAT-TEMP** (1-800-828-8367) — for all technical questions ranging from system design to troubleshooting. You can also access the local technical expertise of Honeywell Contractor Development Specialists (CDS), 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. With every zoning purchase, you'll earn Contractor PRO™ points you can use 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.



# TrueZONE® Panels

When Honeywell re-invented zoning panels with TrueZONE®, it said goodbye dip switches and hello simplicity. Installation is fast and easy, and because TrueZONE ensures that the system is operating properly before the installer leaves the jobsite, callbacks are virtually eliminated.



## Honeywell delivers ease and simplicity with TrueZONE panels:

**Intuitive Installer Setup** — Easy-to-follow, digital display guides you through the installation. (HZ432 and HZ322)

**RedLINK™ Wireless Technology** — Eliminates pulling thermostat wires to the TrueZONE panel and allows for added comfort control with the Portable Comfort Control and Wireless Outdoor Air Sensor. (HZ432 and HZ322 only, Wireless Adapter Required)

**Standardized Checkout Procedure** — Ensures that every installer checks out in the same way every time and that all zones are operating correctly before leaving the jobsite. Only one installer needed for checkout. (HZ432 and HZ322)

**Robust Push Terminals** — Cut wiring time in half 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** — All panels are only eight inches wide and can be mounted anywhere — on the return duct, studs or wall next to the system.

**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)

## TrueZONE® Panels

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

\*Kit includes discharge air temperature sensor and 40 VA Transformer

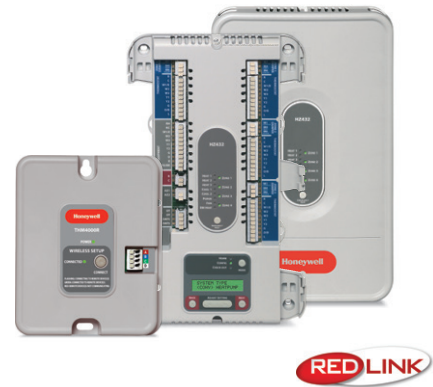
# Options for Every Application

All Honeywell TrueZONE panels feature Robust Push Terminals, Common-Sense LEDs, Universal Application, Variable-Speed Fan Control, Discharge Air Temperature Staging and a 5-Year Warranty.

## TrueZONE® HZ432 Panel

For conventional, heat pump or dual-fuel applications.  
4-zone panel, expandable up to 32 zones.

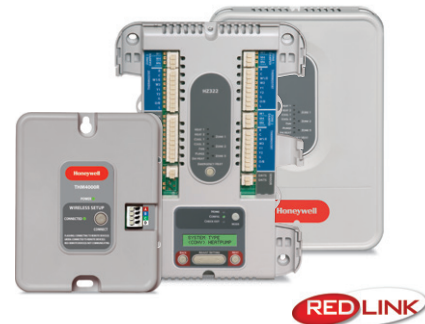
- Up to 3H/2C Conventional or Heat Pump
  - Intuitive Installer Setup
- RedLINK Enabled with Wireless Adapter (up to 4 zones)
- Standardized Checkout Procedure
- Advanced Dual-Fuel Operation, up to 2 Compressor and 2 Fossil Fuel Stages



## TrueZONE HZ322 Panel

For conventional and heat pump applications.  
Up to 3 zones.

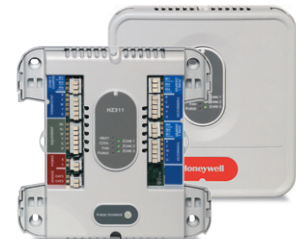
- Up to 2H/2C Conventional or 2H/1C Heat Pump
- Intuitive Installer Setup
- RedLINK Enabled with Wireless Adapter
- Standardized Checkout Procedure



## TrueZONE HZ311 Panel

For conventional, single-stage applications.  
Up to 3 zones.

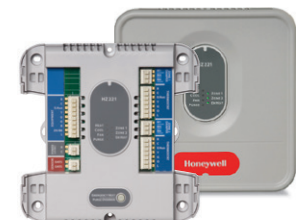
- 1H/1C Conventional
- Clean, Professional Installation
- Smaller Footprint
- Great for New Construction



## TrueZONE HZ221 Panel

For single-stage heat pump applications  
with auxiliary heat.

- 2H/1C Heat Pump
- Clean, Professional Installation
- Smaller Footprint
- Great for New Construction



# Wireless Zoning Systems

With Honeywell's exclusive RedLINK™ Wireless Technology, our full suite of wireless-enabled comfort solutions let you easily – and wirelessly – add zoning to a home or building; or, add more zones to an existing system. Accessory add-ons offer comfort, convenience and remote connectivity for your customers.



Control and monitor home comfort anywhere, anytime.

## Add — One Wired, One Wireless

When one room or area is too hot or cold, the perfect solution is a RedLINK-enabled TrueZONE panel and Wireless Adapter Kit. Because TrueZONE panels support both wired and wireless thermostats, you can keep a wired model and simply add a RedLINK-enabled thermostat like the Prestige IAQ or the VisionPRO® 8000.

## Four Zones Made Effortless and Wireless

Often homeowners want more than two zones. With a TrueZONE HZ432 panel and the Wireless Adapter Kit, you can add up to four zones (per panel) without running thermostat wires. The Wireless Outdoor Sensor offers more control possibilities. The remote temperature sensing ensures better overall comfort, plus the sensors provide the homeowner with temperature and humidity information.

## RedLINK Accessories Give Homeowners More Control Options

In today's world where nearly everything is a click or two away, homeowners expect innovative control choices for their HVAC systems. Honeywell lets you offer a range of solutions that add control from anywhere in the home and around the world.



### Wireless Adapter

Enables RedLINK capabilities on the HZ432 and HZ322 Zone Panels.



### RedLINK Enabled Internet Gateway

Connects to any RedLINK-enabled thermostat to access Honeywell's Total Connect Comfort Services; a system to remotely monitor and manage your heating and cooling system through your PC, smart phone or tablet device.



### Portable Comfort Control

Allows you to sense and control the temperature from any room in the house.



### Wireless Outdoor Air Sensor

Wirelessly sends signals to display outdoor temperature and humidity on all of your RedLINK-enabled thermostats as well as the Portable Comfort Control.

# RedLINK Thermostats and Accessories

RedLINK-Enabled Thermostats	
Part Number	Description
THX9421R5021WW	Prestige® color touchscreen thermostat with RedLINK technology (white/white). Controls up to 4H/2C heat pump or 3H/2C conventional. Thermostat Only*
TH8110R1008	VisionPRO® 8000 with RedLINK Technology. Controls up to 4H/2C heat pump or 3H/2C conventional. Thermostat only.*
TH6320R1004	RedLINK Wireless FocusPRO® 6000 5-1-1 Day Programmable Thermostat, up to 3H/2C. Thermostat only.

RedLINK Accessories	
Part Number	Description
THM4000R1000	Wireless Adapter
THM5421R1021	Equipment Interface Module (for use with Prestige or VisionPRO to control IAQ Products or advanced RedLINK features.)*
C7089R1013	Wireless Outdoor Air Sensor
THM6000R1002	RedLINK Internet Gateway
REM5000R1001	Portable Comfort Control

\*In order to enable IAQ device control, configure input sensors, and other advanced RedLINK functionality, enroll the thermostat into a supported equipment interface module, and wire the equipment interface module into the TrueZONE panel.

## Honeywell Zoning vs. Two Systems

With the ease, efficiency and cost savings of Honeywell zoning solutions, there's no longer a need to zone using two separate systems. The advantages of a one-piece Honeywell zoning system add up year after year.



### Lower Installed Cost

Installing a zoning system instead of two pieces of equipment can lower the total installed cost as much as 25 percent. You'll be able to deliver a more complete system at an affordable price, plus you'll be able to add profitable system enhancements that increase homeowner comfort and control.

### Energy Savings

Heating and cooling a home requires the same level of BTUs regardless of the number of pieces of equipment. A Honeywell zoning system reduces operating costs and energy use through a lower amp draw and reduced cycle time.

### 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.

# TrueZONE<sup>®</sup> Dampers

Honeywell's popular damper lineup is now even better with the addition of TrueZONE Dampers. A direct replacement for today's legacy dampers, TrueZONE Dampers are built for installation ease and flexibility, reliability, and reduced callbacks.

## TrueZONE Makes Installation Truly Easy

For fast, accurate installation with no callbacks, the TrueZONE Damper has you covered with a range of features that simplify installation in every application:

- **Adjustable Range Stops** — Easy to understand and set by utilizing a push-in lever. They're used to bleed air into the zones which helps lower pressure and reduce noise.
- **Mechanical Position Indicator** — Easy viewing through a clear window.
- **Push-In Terminals** — The same easy wiring design used on TrueZONE Panels. No tools needed, has space for two wires.
- **LED Indicator Lights** — Red indicates the damper is closed and green indicates open (used in 3-wire applications)
- **Taping Flange** — Lets you position insulation under it before sealing with foil tape.



## TrueZONE Dampers

### Round Supply Dampers — common sizes

ARD6TZ	ARD8TZ	ARD10TZ	ARD12TZ
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### Rectangular Supply Dampers — common sizes

Motor is mounted on second dimension.  
For bottom-mounted motor, reverse the dimensions.

ZD10x8TZ	ZD12x8TZ	ZD14x8TZ	ZD16x8TZ
ZD18x8TZ	ZD20x8TZ	ZD20x10TZ	ZD24x8TZ

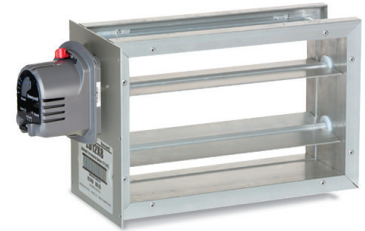
More than 120 variations are available.  
The most common are listed above.



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## 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.



Two-piece bearing for long life and quiet operation.



Parallel blade with extruded lip for low leakage.



Durable construction — riveted and screwed corners.

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## 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.

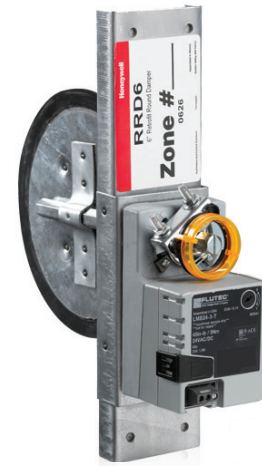
- Outstanding seal — Built with gasket to ensure low leakage of less than 1 percent
- Sizes available from 5" to 20"
- Modulating round dampers (MARD) available from 6" to 18"
- Fresh air dampers available in power open/spring close orientation (EARD)
- Rugged construction built to last
- 5-Year Warranty



# 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



**Retrofit Round Dampers** Easily slides into rigid round duct.

RRD5TZ	RRD6TZ	RRD7TZ	RRD8TZ
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# Bypass Dampers

Bypass dampers are required in nearly all zoning installations to relieve pressure. The latest addition to Honeywell's lineup is the timesaving TrueZONE® Bypass Damper that truly simplifies installation.

**TrueZONE Bypass Dampers**

By replacing the old weight system with a simple crank, Honeywell has created one of the most game changing bypass damper innovations to come along in years. Installation that used to take one to two hours now takes just 15 minutes.

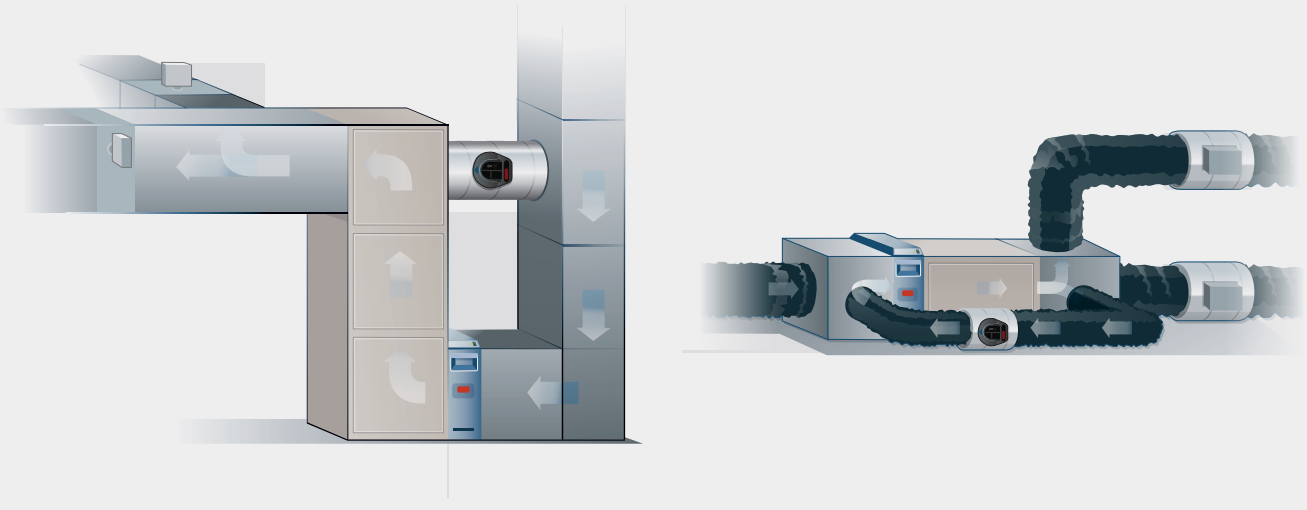
- No weights to balance
- Can be installed in any orientation, including angles
- Designed to provide constant pressure relief regardless of blower speed
- Quiet, efficient and reliable
- 5-Year Warranty

## TrueZONE Bypass Dampers

CPRD8	Bypass up to 600 CFM (replaces 8" and 10" weighted round barometric damper)
CPRD10	Bypass up to 1000 CFM (replaces 12" weighted round barometric damper)
CPRD12	Bypass up to 1400 CFM (replaces 14" weighted round barometric damper)
CPRD14	Bypass over 1400 CFM (replaces 16" weighted round barometric damper)

# Simple and Smart

Honeywell zoning solutions save you time on every project with easy installation of components and living-space controls along with the famous Honeywell reliability that reduces callbacks. Add in the high level of homeowner satisfaction with the improved comfort control and energy savings, and it's easy to see how Honeywell zoning solutions help you gain long-term customers.



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## 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.

### Whole-House Humidifiers

Steam. Powered. Bypass. Honeywell whole-house humidifiers come in a variety of styles, so you can meet any situation.

### Whole-House Dehumidifiers

Honeywell's Whole-House Dehumidifiers remove the latent heat (moisture) from air to increase comfort and safeguard the home.

### UV Treatment Systems

Choose from a complete array of single- and dual-lamp systems with built-in safety features, lamps that install without tools and SmartLamp™ Technology that extends lamp life.

### Whole-House Ventilation

Honeywell offers a variety of energy-efficient ventilation systems for both new construction and retrofit applications.

### Water Solutions

From hydronic heating controls to mixing valves, Honeywell helps you grow your business by adding Honeywell water solutions products to your portfolio.

### Whole-House Air Cleaners

Honeywell whole-house air cleaners and replacement filters come with exclusive industry features like filter composition, roll-formed steel cabinets and five-year warranties.