



## Zoning Made Effortless



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## ZONING SIMPLIFIED TECHNICAL SUPPORT

For Honeywell Zoning and Trol-A-Temp Technical Support:  
call 1-800-TAT-Temp (1-800-828-8367).

For Zoning Information: <http://customer.honeywell.com>

## TrueZONE™ HZ432 Panel



**For conventional, heatpump or dual fuel applications expandable up to 32 zones (3H/2C)**

- Intuitive Installer setup
  - Easy-to-follow, digital display uses real language to guide installer through four easy steps.
- RedLINK enabled with Wireless Adapter, up to 4 zones
- Universal Application
- Standard Checkout Procedure
- Robust Push Terminals
- Clean, Professional Installation
- Variable-Speed Fan Control
- Discharge Air Temperature Staging
- Dual-Fuel using wireless outdoor sensor C7098R or wired sensor C7098U

## TrueZONE™ HZ322 Panel



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

- Intuitive Installer setup
  - Easy-to-follow, digital display uses real language to guide installer through four easy steps.
- RedLINK enabled with Wireless Adapter, up to 3 zones
- Universal Application
- Standard Checkout Procedure
- Robust Push Terminals
- Clean, Professional Installation
- Variable-Speed Fan Control
- Discharge Air Temperature Staging

## 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
- Small Footprint
- Variable-Speed Fan Control

## TrueZONE™ HZ221 Panel



**For single stage heat pump applications with auxiliary heat up to 2 zones (2H/1C)**

- Robust Push Terminals
- Common-Sense LEDs
- Small Footprint
- Variable-Speed Fan control

## TrueZONE Zoning kits

TrueZONE Zoning kits make ordering and stocking easy. All kits include a zone panel, transformer and discharge air temperature sensor. The YHZ kits include everything you need for a two zone wireless zoning system except dampers. Order additional RedLINK thermostats for additional wireless zones, up to 4 wireless zones on HZ432 and up to 3 wireless zones on HZ322.

### HZ432K



Includes one HZ432 panel, one transformer and one C7735A discharge air temperature sensor

### HZ322K



Includes one HZ322 panel, one transformer and one C7735A discharge air temperature sensor

### HZ311K



Includes one HZ311 panel, one transformer and one C7735A discharge air temperature sensor

### HZ221K



Includes one HZ221 panel, one transformer and one C7735A discharge air temperature sensor

## YHZ432R5108



Includes one HZ432 Panel, one Wireless Adapter, one C7735A Discharge Air Temperature Sensor, one Transformer, one Prestige HD Thermostat, one Programmable FocusPRO Thermostat, one Portable Comfort Control and one Wireless Outdoor Sensor

## YHZ432R1108



Includes one HZ432 Panel, one Wireless Adapter, one C7735A Discharge Air Temperature Sensor, one Transformer, two Programmable FocusPRO Thermostats, one Portable Comfort Control and one Wireless Outdoor Sensor

## YHZ322R5108



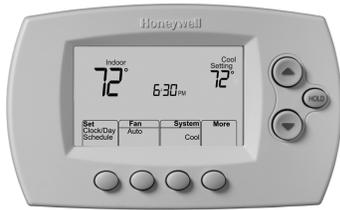
Includes one HZ322 Panel, one Wireless Adapter, one C7735A Discharge Air Temperature Sensor, one Transformer, one Prestige HD Thermostat, one Programmable FocusPRO Thermostat, one Portable Comfort Control and one Wireless Outdoor Sensor

## YHZ322R1108



Includes one HZ322 Panel, one Wireless Adapter, one C7735A Discharge Air Temperature Sensor, one Transformer, two Programmable FocusPRO Thermostats, one Portable Comfort Control and one Wireless Outdoor Sensor

## TH6320R1004 Wireless FocusPRO Thermostat

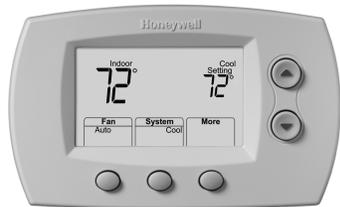


**Programmable wireless FocusPRO thermostat used with HZ432 and HZ322 with THM4000 wireless adapter for wireless zoning**

- Installs with no wires at the thermostat
- Universal with up to 3 stages of heat and 2 stages of cool
- 5-1-1 programmability
- Large backlit display
- Easy-access battery replacement
- Available in kit YTH6320R1023 with wireless adapter module

\*Standard thermostat pricing and warranty apply to this thermostat.

## TH5320R1002 Wireless FocusPRO Thermostat



**Non-programmable wireless FocusPRO thermostat used with HZ432 and HZ322 with THM4000 wireless adapter for wireless zoning**

- Installs with no wires at the thermostat
- Universal with up to 3 stages of heat and 2 stages of cool
- Non-programmable
- Large backlit display
- Easy-access battery replacement
- Available in kit YTH5320R1025 with wireless adapter module

\*Standard thermostat pricing and warranty apply to this thermostat.

## THM4000R1000 Wireless Adapter Module



**Wireless adapter enables wireless thermostats on HZ432 and HZ322 TrueZone panels.**

- Installs easily with only 4 wires to HZ432 or HZ322 zone panel
- Enables up to 3 wireless zones on HZ322 or 4 wireless zones on HZ432
- Easy configuration using TrueZONE's intuitive installer setup
- Compatible with HZ432 and HZ322 series 2 panels with date code of 0840 or greater

## REM5000R1001 Portable Comfort Control



**Conveniently control temperature of any zone from any room**

- RedLINK-enabled to work with the Wireless Outdoor Sensor
- Displays outdoor temperature and humidity
- Can be paged with an audible noise from any RedLINK-enabled thermostat

## C7089R1013 Wireless Outdoor Sensor



**Displays outdoor temperature and humidity on all RedLINK-enabled devices**

- Installs wirelessly with two simple screws and a touch of a button
- Weather-resistant cover and lithium batteries for reliable performance in every climate
- Used by HZ432 for dual fuel operation
- Used by HZ322 for auxiliary heat lockout
- Up to a 5 year battery life

## TotalZone® Add-A-Zone™ (TAZ-4) Zone Control Panel



Zone panel used to add zones to HZ432.

- Used with HZ432 Control Panel to expand number of zones.
- Uses multiple TAZ-4 Control Panels to control up to 32 zones.

**TAZ-4 adds four zones per TAZ Panel to the HZ432 Zone Control Panel.**

## TH8000 Series VisionPRO™ Programmable Thermostat



- Change/check reminders let you know when to service or replace filters, batteries, humidifier pad and UV lamp.
- Five-year warranty.
- Various HOLD options allow you to override the program schedule, as desired.
- Premier White® color.
- TH8110 model for 1 heat and 1 cool systems.
- TH8320 model for up to 3 stages of heat and 2 stages of cool.
- TH8321 model for up to 3 stages of heat and 2 stages of cool with dehumidification.
- Optional accessories:
  - C7089U1006 Outdoor Sensor to display outdoor temperature.
  - 32003796-001 Cover Plate to cover old thermostat marks.

### Menu-driven 7-day touchscreen programming.

- Large, clear touchscreen with backlighting shows the current and set temperatures and time—even in the dark.
- Menu-driven, 7-day programming with auto or manual changeover.
- Real-time clock keeps time during power failures and automatically updates to daylight savings time.

TH8110U1003	1 heat/1 cool
TH8320U1008	3 heat/2 cool
TH8321U1006	3 heat/2 cool, dehumidification

\*Standard thermostat pricing and warranty apply to this thermostat.

## TH6000 FocusPRO™ Programmable Thermostat



### 5-1-1 day or 5-2 day programmable thermostat.

- Large, clear backlit digital display—easy to read in various lighting conditions.

- Weekday/weekend programming—Use as a 5-1-1 day or 5-2 day programmable thermostat.
- Built-in instructions—Simple, pull-out instruction manual.
- Easy-access battery replacement—Flip-out door allows for easy battery replacement without removing or disassembling the thermostat.
- Five-year warranty.
- TH6110 model for 1 heat and 1 cool systems.
- TH6220 model for up to 2 stages of heat and 2 stages of cool.

TH6110D1005	Standard display
TH6110D1021	Large display
TH6220D1002	Standard display
TH6220D1028	Large display

\*Standard thermostat pricing and warranty apply to this thermostat.

## TH5110 FocusPRO™ 5000 Non-programmable Thermostat



Single-stage, nonprogrammable with large backlit display.

- Auto changeover (auto, manual, or auto only).
- Dual powered (hardwired and/or battery).
- Five-year warranty.
- Front wired (two pieces).
- Plain language (no symbols).
- Premier White® color.
- Two backlit display sizes (standard and large).
- Adjustable cycle rates (heat: 1-12 cph; compressor: 1-6 cph).
- Adjustable compressor protection (0 to 5 minutes).
- Optional accessory:
  - 50001137-001 Cover Plate Assembly: small and medium cover plate kit to cover old thermostat marks.

TH5110D1006	Standard Display
TH5110D1022	Large Display

\*Standard thermostat pricing and warranty apply to this thermostat.

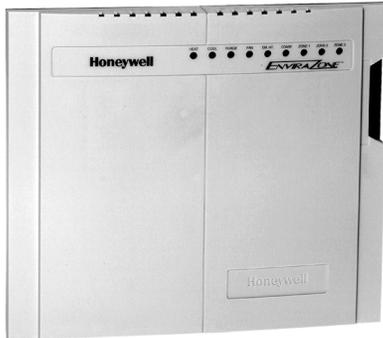
## C7735A1000 Discharge Air Temperature Sensor



**A duct-mounted temperature probe used to provide high and low limit protection of the heating and cooling equipment.**

- Used only with Honeywell zoning solutions including HZ432, HZ322, HZ221, and HZ311 control panels.
- Mounts in the supply air duct to sense the delivered air temperature and cut off the heating or cooling when the delivered air temperature goes above or below normal operating limits.
- Requires only two wires.
  - Uses normal 18 to 22 gauge thermostat wire for shorter runs.
  - Uses shielded cable for longer runs or when wiring near line voltage.

## W8835A1004 EnviraZone™ System (3H/2C)



**Advanced zoning control system using the EnviraCom™ communications protocol. The most advanced and easiest to install zoning system in the industry. Control algorithm reduces and regulates plant cycles, decreases damper cycles, and increases efficiency.**

- Creates a networked zoning system when combined with three Communicating Programmable Thermostats.
- Expandable to nine zones with additional W8703 Damper Interface Modules and Thermostats.
- Compatible with conventional gas, oil, electric or heat pump systems up to 3H/2C.

- Unsurpassed ease-of-wiring with only three wires to connect between devices.
- True communicating system using standard thermostat wire.
- Uses Zone of Greatest Demand Intelligence.
- Networked zoning enables these features:
  - Time synchronization.
  - Shared-filter indication.
  - Outdoor temperature display in all zones with only one C7089U Outdoor Temperature Sensor connected.
  - Check LED in all zones.
  - Auto-changeover by zone.
  - Individual fan control in each zone.
  - Selectable high and low equipment protection settings.
  - Adjustable purge timing and damper positions.
  - Expandable up to nine zones with W8703 Damper Interface Module.
  - Single network can use up to nine thermostats and two W8703 Damper Interface Modules to control nine zones.
  - Telephone access when used with optional W8735D Telephone Access Modules.
  - Optional use of two transformers for power when many dampers are needed.

## Y8835A Networked Zoning Kits



**Networked Zoning kits are one-box solutions that contain a W8835 panel, VisionPRO or FocusPRO thermostats, C7835 Discharge Air Temperature Sensor, AT140 transformer, C7089U outdoor temperature sensor and 50022037-001 outdoor temperature interface module.**

- Y8835A1044 2 zone kit with two VisionPRO IAQ thermostats
- Y8835A1028 3 zone kit with three VisionPRO IAQ thermostats
- Y8835A1036 2 zone kit with one VisionPRO IAQ and one FocusPRO thermostat
- Y8835A1051 3 zone kit with one VisionPRO IAQ and two FocusPRO thermostats

## TH9421C1004 VisionPRO IAQ Thermostat



**Control comfort and Indoor Air Quality (IAQ) throughout your entire home with Honeywell's VisionPRO IAQ Total Home Comfort System. VisionPRO IAQ eliminates the need for multiple controls in your living space, by managing your home's temperature, humidification, dehumidification, ventilation and air filtration - all from a single, effortless touchscreen control.**

- Touchscreen Interaction
- Energy Savings
- Smart Change/Check Reminders
- Precise Comfort Control (+/- 1°F)
- All-in-One Control or Whole-House Zoning System
- Menu-driven 7-day programming

## TH5320C1002 FocusPRO Communicating Thermostat



To be used with up to 3 Heat 2 Cool conventional and heat pump systems with W8835 Zone Panel or THM5241 Equipment Interface Modules (EIM).

- One-touch temperature control.
- Large, clear, backlit display is easy to read—even in the dark.
- Displays both room temperature and temperature setting.
- Non-Programmable

## C7835A1009 Discharge Air Temperature Sensor



A duct-mounted temperature probe used to provide high and low limit protection heating and cooling equipment.

- Used with W8835 EnviraZone™ System.
- Mounts in the supply air duct to sense the delivered air temperature and cuts off the heating or cooling when the delivered air temperature goes above or below normal operating limits.
- Requires three wires. Uses normal 18-22 gauge thermostat wire.
- Issues an alert for a heating or cooling failure.

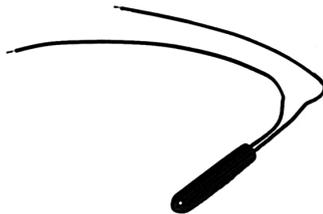
## W8703A1003 Damper Interface Module



Controls up to three additional zones when used with T8635L Microelectronic Communicating Programmable Thermostats and W8835 EnviraZone™ panel.

- Expand W8835A EnviraZone™ panel from three to six or nine zones.

## C7089U1006 Outdoor Temperature Sensor



Used with VisionPRO Thermostats.

- Senses outdoor temperature for outdoor temperature display.
- Order with 50022037-001 for use with network systems such as the YTH9421 and the W8835.
- Also used with HZ432 for dual fuel function.

# ZD Series Dampers



**24-volt, spring return, power closed damper motor used to control circulating air in heating, cooling, and ventilating systems.**

- Long lasting, quiet operating two-piece bearing.
- Kevlar gearing and cup-point set screw reduce wear, more than doubling damper life.
- Adjustable minimum position stops.
- Mechanical visual position indicator for damper status.
- Riveted and screwed corners.
- Extruded blade seal.
- Solid construction using extruded aluminum frame and blades.
- Parallel blade design for low leakage performance.
- Quieter operation with fewer blades.
- Simple, easy-to-wire, two-wire installation.
- Reliable, strong, 24-volt spring-return motor.
- Fail-safe, normally open operation.
- Power closed/spring open.

## Ordering Instructions

- **Order ZD (dimension 1) x (dimension 2). (Motor is always mounted on dimension 2 side.)**
  - For example, ZD10x8 is a 10 in. x 8 in. damper with the motor on the 8 in. side; but a ZD8x10 is a 8 in. x 10 in. damper that has the motor on the 10 in. side.
  - Note that the damper can be installed in any orientation (mounting side can be on either the bottom or the side of the duct).
- **For replacement motor, see Accessories.**

Available Sizes												
	6 in.	8 in.	10 in.	12 in.	14 in.	16 in.	18 in.	20 in.	22 in.	24 in.	26 in.	28 in.
6 in.												
8 in.												
10 in.												
12 in.												
14 in.												
16 in.												
18 in.												
20 in.												
22 in.												
24 in.												
26 in.												
28 in.												

## 32006184-001 Filler Strip Kit

**Used to install dampers in odd-sized ducts.**

- Includes 1-1/8 in. x 3/4 in. adhesive-backed foam strips.
- Adhesive-backed foam strips supplied in 37 in. lengths.

- Example: for an 11x35 size damper requirement, order two kits. Cut the strip sizes to fit and attach to the top and back of the damper.

## Automatic Round Dampers (ARD)



- Shipped as power closed/spring return open damper, for use with Honeywell Zoning Systems.
- Easily field-convertible to power open/spring return closed damper when used as an independent zone or fresh air intake.
- Blade closes tightly against gasket for minimal leakage.
- **For replacement motor, see Accessories.**

**NOTE:** For fresh air applications, use EARD power-open, spring-closed ventilation damper.

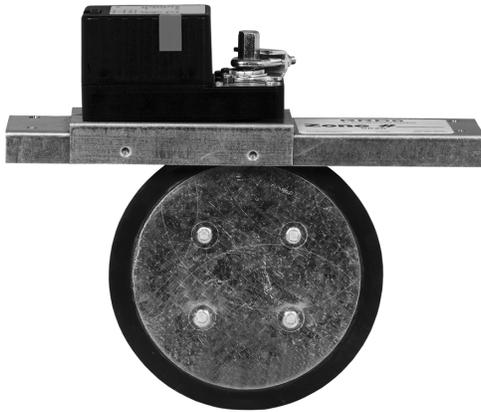
**Round damper with 24-volt, spring-return damper motor, used to control circulating air in heating, cooling, and ventilating systems.**

- Kevlar gearing reduces wear, more than doubling damper life.
- Adjustable minimum position stops.
- Mechanical visual position indicator for damper status.
- Heavier blade construction for longer life.
- A galvanized steel damper in a complete range of sizes.
- Single-blade damper.

EARD Sizes
6 in.
7 in.
8 in.

ARD Sizes
5 in.
6 in.
7 in.
8 in.
9 in.
10 in.
12 in.
14 in.
16 in.
18 in.

## Retrofit Round Damper (RRD)



**Round damper slides into round ductwork. Idea for retrofit zoning.**

- Visual position indicator
- 2.5 VA 90 second actuator
- Range stops
- Compatible with all Honeywell zoning panels
- Durable galvanized steel construction
- Low leakage

RRD Sizes
5 in.
6 in.
7 in.
8 in.

## Modulating Automatic Round Damper (MARD)



**Single-blade modulating round damper.**

- Uses 90-second open to closed motor.
- Can be used as a zone damper. or bypass damper when used with SPC.

MARD Sizes
5 in.
6 in.
8 in.
9 in.
10 in.
12 in.
14 in.
16 in.
18 in.

## Static Pressure Control (SPC)



Used to sense supply air static pressure and control MARD to maintain a set system pressure.

- Operates from 0.1 to 4.0 in. wc with fixed differential.
- On pressure rise, modulates damper open; on pressure fall, modulates damper closed.
- Use with MARD for round ductwork or D2 and D3 Damper and ML6161B2024 Motor Actuator for rectangular ductwork.

## ML6161B2024 MARD Replacement Motor



**Replacement actuator for MARD dampers.**

- Standard zoning multiplier does not apply to this item (standard trade base).

## Static Pressure Regulating Damper (SPRD)



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

- Counter-balanced weighted arm to control bypass air for zoned systems.
- Available in rectangular/square and round sizes.
- Air pressure in duct system increases as zone dampers close, pushing the SPRD open automatically.
- Arm and weight both adjustable to control amount of air bypassed.
- Recommended for residential systems with 2000 CFM or less
- Additional weights can be ordered separately.
- For larger systems and tighter pressure control, use modulating dampers and static pressure controller (SPC).

Rectangular and Square Sizes	cfm
12 in. x 8 in.	1,000
12 in. x 10 in.	1,200
12 in. x 12 in.	1,400
20 in. x 8 in.	1,600
20 in. x 10 in.	2,000
20 in. x 12 in.	3,000
Round Sizes	
7 in.	300
8 in.	400
9 in.	600
10 in.	750
12 in.	1,200
14 in.	1,800
16 in.	2,400

## SPRD Counterweight Assemblies (Includes arm, coupling and weight)

### Accessories and Replacement Parts

Part No.	Description	Used With
32005981-003	SPRD Arm	SPRD8, SPRD9, SPRD12x10, SPRD20x10
32005981-004	SPRD Arm	SPRD10, SPRD12, SPRD14, SPRD16, SPRD12x12, SPRD20x12
32005688-001	SPRD Weight	Weight only for all SPRD Dampers

## Using A By-Pass Damper

In these applications, a damper is used to bypass excess airflow from the supply duct into the return duct or into a dump zone. On systems up to five tons, a Static Pressure Regulating Damper (SPRD) is used; on larger systems, a Modulating Automatic Round Damper (MARD) is used with a Static Pressure Switch (SPC) for static pressure regulation.

Size supply duct systems to handle the total airflow when all zones are open while using a damper to bypass any excess air when only the smallest zone is calling. Bypass the excess air into the return air duct or dump it into a hallway, false ceiling, or basement. Size the bypass by subtracting the cfm of the smallest zone from the total system cfm. For example, on a four-ton (1600 cfm) system, with the smallest zone designed to handle only 300 cfm, the bypass must be designed to handle 1300 cfm airflow.

$$\text{CFM}_{\text{system}} - \text{CFM}_{\text{smallest zone}} = \text{CFM}_{\text{bypass}}$$

As the zone dampers open, the air pressure in the system decreases. This reduction of air pressure automatically closes the SPRD. As zone dampers close, the air pressure increases and the SPRD automatically opens, bypassing the excess airflow from the system.

This method of duct design is also a great way to control excess humidity in the home, especially in Southern climates. Bypassing air from the supply duct into the return duct accelerates the dehumidification ability of the equipment, creating greater homeowner comfort.

## Freeze Protection Control (FPC)



Protects air conditioning coil from freezing due to low airflow or excessive bypass air.

- Breaks Y circuit to compressor below 36°F and remakes it at 46°F.

## AOBD

### Replacement Motor (MSTN)



Replacement actuator used with all AOBD, AOBD-BM, IOBD, SRTD, MVRH, MVRV, ARCD and ASCD models.

### M847D1012 Replacement Damper Motor Actuator



Replacement motor for ZD and ARD series dampers.

- Replaces RDMH, RDMA, RDMZ, and M847D1004 motor actuators.

### Plug-In Replacement Relay (PIRR)



Can be used as spare or replacement for any plug-in relay on any Mini-Zone, older style Masterrol panel or accessory relay control panel.

- Four-pole, double throw, plug-in relay.

## Slave Damper Control Relay (SDCR)

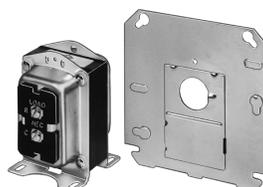


Used when three or more dampers are simultaneously controlled with single switch, thermostat or zone control panel.

- Controls up to four dampers.
- Use multiple relays to control any number of dampers.
- Recommend one AT140 for each relay.

## AT140A1042

### Universal-Mount Transformer 40 VA



24-volt, 40 VA transformer.

- Provides low voltage power source for any Honeywell Zoning control panel or damper.
- Powers up to five ZD or ARD damper motors from one 40 VA transformer.
- Mounting options include plate or foot mounting.
- 120/240 Vac primary.

### AT175A1008 Universal-Mount Transformer 75 VA

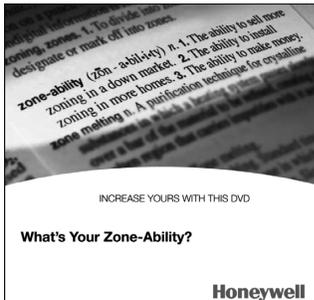


24-volt, 75 VA transformer.

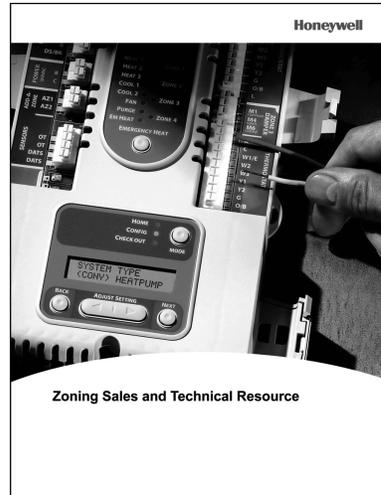
- Provides low voltage power source for any Honeywell Zoning control panel or damper.
- Foot mounted

# Training Materials

Item	Number
Zoning Sales and Technical Resource (Binder)	63-7067
Zoning Training DVD	50-1310
Forced Air Zoning System Design Manual	70-2321
TrueZONE Panel Demo Display	50-9801
HZ432 Countertop Demonstrator	DSP3525-R



**Zoning Training DVD**



**Zoning Sales and Technical Resource**



**TrueZONE Panel Demo Display**



**HZ432 Countertop Demonstrator**

**Order online or through your Customer Care Rep**

# Zoning Control Panel Selection Guides

## CONVENTIONAL ZONE PANEL SELECTION GUIDE

APPLICATION	CONVENTIONAL 1-HEAT/1-COOL	CONVENTIONAL 2-HEAT/2-COOL	HEAT PUMP 2-HEAT/1-COOL	HEAT PUMP/ CONVENTIONAL 3-HEAT/2-COOL OR DUAL FUEL 2 HEAT/2-COOL
2 TO 32 ZONES	HZ432	HZ432	HZ432	HZ432
2 TO 3 ZONE	HZ322 OR HZ311	HZ322	HZ322 OR HZ221 (2 Zone)	
WIRELESS ZONING WITH TH6320R or TH5320R RedLINK WIRELESS THERMOSTATS	HZ322 with THM4000	HZ432 OR HZ322 with THM4000	HZ432 OR HZ322 with THM4000	HZ432 with THM4000

M19800C

## NETWORKED ZONING SELECTION GUIDE

APPLICATION	CONVENTIONAL/ HEAT PUMP OPERATES SINGLE STAGE, MULTISTAGE, AND HEAT PUMP EQUIPMENT UP TO 3-HEAT/2-COOL
THERMOSTAT	TH9421C1004 or TH5320C1002
EQUIPMENT INTERFACE MODULE	W8835A1004
DAMPER INTERFACE MODULE UP TO 9 ZONES TOTAL	NOT NEEDED FOR ZONES 1-3 ONE W8703A FOR EVERY 3 ZONES FROM 4-9
DISCHARGE AIR TEMPERATURE SENSOR DATS	C7835A1009
TELEPHONE ACCESS MODULE	W8635D

M19801A



# Honeywell

## AUTOMATION AND CONTROL PRODUCTS

### WARRANTY POLICY

Honeywell warrants the products in this catalog (except those parts designated on Honeywell's price lists as not covered by this warranty) to be free from defects due to workmanship or materials, under normal use and service, for the following warranty periods. Honeywell VisionPRO®, Commercial VisionPRO™, FocusPRO®, PRO 4000, PRO 3000, LineVolt™ PRO, Digital Round™, and Modern Round™ (T87K, N) Series Thermostats with a date code of 0501 or later: sixty (60) months from date of installation. CommercialPRO, PRO 2000 and PRO 1000 thermostats: twenty-four (24) months from date of installation. AUBE branded thermostats, timers, and switches: thirty-six (36) months from date of installation. All other Honeywell thermostats and thermostats with a date code of 0452 or earlier: twelve (12) months from date of installation, unless specified otherwise. Honeywell Air Cleaners, Humidifiers, Ventilators, Ultraviolet Treatment and Zoning Products with a date code of 0501 or later, excluding replacement maintenance parts: sixty (60) months from date of installation. Indoor air quality parts F50, F52, F300, F200, F150, UV100E, HE225, HE265, HE365, with date codes of 0452 or earlier, excluding replacement maintenance parts: sixty (60) months from date of installation. All other Honeywell indoor air quality and zoning products with a date code of 0452 or earlier: twenty-four (24) months from date of installation, unless specified otherwise. Variable frequency drive devices (VFD) and accessories: new products for thirty-six (36) months and factory refurbished drives for twelve (12) months from date of installation when start-up and commissioning is performed by Honeywell VFD Authorized and trained personnel. All VFD warranty return products must have prior authorization (Form No. 87-0284) and be returned only to the VFD Service Center in Chattanooga, TN. MS, MN and Fact Acting 2-position Direct Coupled Actuators: sixty (60) months from date of installation. The warranty period for all other products is twelve (12) months from date of installation.

If a product is defective due to workmanship or materials, is removed within the applicable warranty period, and is returned to Honeywell in accordance with the procedure described below, Honeywell will, at its option, either repair, replace or credit the customer for the purchase price of the product, in accordance with the procedure described below. This warranty extends only to persons or organizations who purchase products in this catalog for resale.

The expressed warranty above constitutes the entire warranty of Honeywell with respect to the products in this catalog and IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL HONEYWELL BE RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER.

#### INSTRUCTIONS—INSTALLING OR SERVICING CONTRACTOR OR DEALER

When replacing a Honeywell product under warranty, including those products furnished on original heating and/or cooling equipment, you should rely on your local Honeywell Wholesaler or Distributor for prompt and efficient product replacement service.

A Honeywell Returned Goods Identification Tag (form 87-0030) or an electronic data notification system must be completed and approved by the servicing dealer/contractor prior to submitting the product to the Honeywell Wholesaler or Distributor. (Tags may be obtained from the Wholesaler or Distributor in advance.) No warranty claim for product replacement or credit will be honored by the Wholesaler/Distributor without a completed warranty tag attached or electronic notification.

#### INSTRUCTIONS—WHOLESALE OR DISTRIBUTOR

The following will apply to the return of any product to Honeywell under this warranty:

Any products which are not variable frequency drives and are:

- (i) identified with Honeywell's Returned Goods Identification Tag (form 87-0030), or electronic notification system;
- (ii) are listed individually with Returned Goods ID Tag numbers and date codes listed on Honeywell's Returned Goods Order (form 71-96024) or a similar form;

- (iii) packed separately from other returns and protected from shipping damage;
- (iv) have certification by the installer or servicing dealer that the product was removed, due to failure, within the applicable warranty period;
- (v) are received transportation pre-paid at:  
Honeywell Return Goods  
Dock 4 MN10-3860  
1885 Douglas Drive  
Golden Valley, MN 55422
- (vi) and are found by Honeywell's inspection to be defective in workmanship or materials under normal use and service

will be handled in accordance with one of the two following procedures, as specified by the customer making the return:

All VFD warranty return products must have prior authorization (Form No. 87-0284) and be returned only to the VFD Service Center in Chattanooga, TN.

1. **CREDIT PROCEDURE.** Honeywell will issue credit, at Honeywell's lowest wholesaler net price in effect at the time of the return (as set forth on Honeywell's then current price sheet) or at the actual invoice amount if a copy of that invoice is attached to the packing list. (TRADELINE Replacement Exchange Products will be at Honeywell's lowest replacement

exchange net price in effect at the time of such return, as shown on Honeywell's then current price sheet.) Honeywell reserves the right to disallow this credit option in cases of warranty abuse.

2. **REPAIR OR REPLACEMENT PROCEDURE.** Honeywell will, at its option, either repair or replace the product free of charge and return it or its replacement lowest cost transportation prepaid. The replacement will be a functionally equivalent new TRADELINE product. Premium transportation will be used at customer's request and expense.

The warranty will not be honored if:

- (i) product is damaged or missing parts or accessory items including batteries.
- (ii) product exhibits evidence of field misapplications.

Final disposition of any warranty claim will be determined solely by Honeywell. If inspection by Honeywell does not disclose any defect covered by the warranty, the product will be returned or scrapped as instructed by the customer and Honeywell's regular service charges will apply. Products returned to the customer may be sent shipping charges collect.

If you have any questions relative to product returns to Honeywell, contact your Customer Care Representative:

Honeywell International Inc.  
Customer Care MN10-1461  
1985 Douglas Drive  
Golden Valley, MN 55422  
(763) 954-5720

#### SPECIAL MESSAGE TO INDUSTRIAL USERS AND BUILDING OWNERS

Thank you for using Honeywell products. As a user, when you purchase a Honeywell product from this catalog you should expect performance from the product and, if it fails, replacement of the product by the installing dealer.

Typically, you will have purchased a Honeywell product under the following circumstances:

1. To modernize or refurbish your existing commercial and/or process control system.
2. You have purchased new commercial and/or process heating, cooling, air cleaning or humidification equipment that is furnished

with Honeywell controls or components (refer to your owner's manual furnished with the equipment).

3. A control has failed on your existing commercial and/or process heating and/or cooling equipment and is replaced by a Honeywell TRADELINE product.

With few exceptions, you utilize the services of a competent plumbing, heating and/or cooling dealer/contractor for new or replacement work performed.

Although our warranty does not extend to you, Honeywell does extend a warranty to your supplier. Your supplier can rely on its local Honeywell Wholesaler/Distributor or Honeywell for prompt replacement.

If you have any questions, need additional information or would like to comment on Honeywell's products or services, please write or phone:

Honeywell International Inc.  
Customer Care MN10-1461  
1985 Douglas Drive North  
Golden Valley, MN 55422-4386  
(763) 954-5720

or check your telephone directory (white pages) for one of many Honeywell field sales offices.

**Automation and Control Solutions**

Honeywell International Inc.  
1985 Douglas Drive North  
Golden Valley, MN 55422  
customer.honeywell.com

Honeywell Limited-Honeywell Limitée  
35 Dynamic Drive  
Toronto, Ontario M1V 4Z9

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