# Hunton Distribution

**281-HUNTON-1 | 1-877-HUNTON-1 | www.HuntonDistribution.com**

# 2021

Thermostats • Zoning • Dehumidification • Ventilation

## Contents:

Thermostats • Zoning • Dehumidification • Ventilation

# Home App Connected Thermostats

Connect your smart comfort system to the app so you can adjust your temperature, set your schedule and monitor your HVAC usage from virtually anywhere.

Diagnostics - With homeowner permission, Trane's Wi-Fi-enabled thermostats send real-time data to the dealer for remotely monitoring the air conditioner, furnace and entire HVAC system.
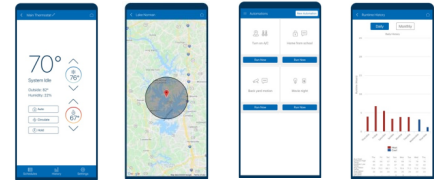
| Model Number | TZON1050AC52ZA | TCONT850AC52UB | TCONT824AS52DB | TCONT724AS42DA |
|---|---|---|---|---|
| Trane connected thermostats can connect to any Z-Wave platform, including the Trane Home App | | | | |
| Trane Home Remote Climate Access | ✓ | ✓ | ✓ | ✓ |
| Trane Home Connectivity | Wi-Fi or Ethernet | Wi-Fi or Ethernet | Wi-Fi or Ethernet | Wi-Fi or Ethernet |
| Bridge for Z-Wave Devices | Built-In | Built-In | Built-In | Purchased Separately |
| Compatible with Communicating and XV Systems | ✓ | ✓ | No | No |
| Conventional 24v Control | Requires relay panel (BAY24VRP52DC) | Requires relay panel (BAY24VRP52DC) | ✓ | ✓ |
| Aux Relays for Ventilation/Dehum | Requires relay panel (BAY24VRP52DC) | Requires relay panel (BAY24VRP52DC) | 2 | 1 |
| Touchscreen | 7" full color | 4.3" full color | 4.3" full color | 4.3" black & white |
| Programmable (days/schedules per day) | 7 / 4 | 7 / 4 | 7 / 4 | 7 / 4 |
| Heat/Cool Stages | 5 / 2 | 5 / 2 | 5 / 2 | 4 / 2 |

### Wired Sensor
**ZSENSAL0400AA**

Remote wired Indoor temp. sensor for TZON1050, TCONT850, TCONT824, and TCONT724.

### Wireless Sensor
**ZSENS930AW00MAA**

Remote wireless Indoor temp. sensor for TZON1050, TCONT850, and TCONT824.
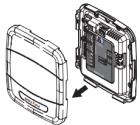
Conventional 24 Volt HVAC System Interface Relay Panel for ComfortLink™ Controls - **BAY24VRPAC52DC**

- Provides communicating systems AUX contacts for dehumidifier control, ventilation control, or humidifier control
- Allows TZON1050AC52ZA and TCONT850AC52UB to control non-communicating indoor or outdoor units
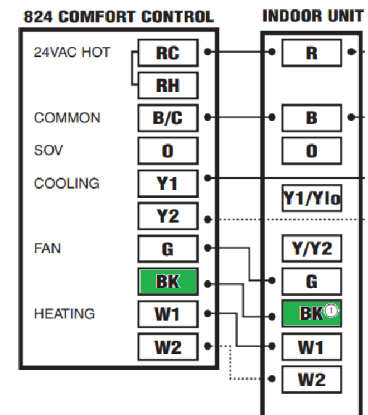
## Controlling a Trane variable speed blower with a 24v thermostat?

Get the most out of your system by using a thermostat with the "BK" terminal for advanced dehumidification functionality. Enjoy the full functionality of Trane variable speed units with the right thermostat!

**TCONT824AS52DB  TCONT724AS42DA Thermostats**

The 824 utilizes air flow reduction (applies only to variable speed blowers) — If BK is connected, the 824 can reduce the system air flow by 30% anytime the indoor RH is higher than the cooling RH target. Air flow reduction is disallowed if the indoor temperature is more than 2°F above the cooling setpoint. Dehumidification is factory enabled in the Installer Settings.

**824 COMFORT CONTROL** | **INDOOR UNIT**

| 24VAC HOT | RC | | R |
| | RH | | B |
| COMMON | B/C | | O |
| SOV | O | | |
| COOLING | Y1 | | Y1/Ylo |
| | Y2 | | Y/Y2 |
| FAN | G | | G |
| | BK | | BK |
| HEATING | W1 | | W1 |
| | W2 | | W2 |

# Honeywell Home Z-Wave Thermostats

A Z-Wave Plus certified thermostat designed to work with any Z-Wave compliant controller or gateway for easy programming and automation. The thermostat can be operated in any Z-Wave network together with other certified devices from other manufacturers. All non-battery operated devices (nodes) within the network will act as repeaters regardless of manufacturer to increase reliability of the network. When integrated with the app that controls your Z-Wave controller, it lets you program and control the home's HVAC system as well as control other Z-Wave devices connected to the same controller.

| Item | Series | Type | Stages | Power Method | Dual Fuel | Display Size |
|---|---|---|---|---|---|---|
| TH6320ZW2003 | T6 Pro Z-Wave | Programmable | 3H/2C | Battery or C Wire | Yes | 5.44 sq. in. |

# Wi-Fi Connected Thermostats

**Honeywell Home**

Furnace/Air Handler to thermostat

With Thermostat Wire

**Wi Fi**

## Control a Wired Thermostat from a Smartphone/Computer

## Two Apps to Choose From:

## Honeywell Home App - For a Smarter Home

- Easily control home comfort, security, and awareness from a single app
- Smart home integration with products from brands like Apple, Google, Amazon, and more
- Geofencing automates home/away HVAC settings

| Series | Item | Type | Stages | Power Method | Dual Fuel | Ventilation Control | Display Size |
|---|---|---|---|---|---|---|---|
| T6 | TH6320WF2003 | Programmable | 3H/2C | C Wire | Yes | Yes | 6.89 sq. in. |
| | TH6220WF2006 | | 2H/2C | | No | No | 6.89 sq. in. |

### T10 Pro Smart Thermostat with RedLINK® Room Sensor

- Graphical LCD color touchscreen with multi-room display
- RedLINK® wireless room sensors detect temperature, humidity & motion
- Up to 20 RedLINK® room sensors can be connected per thermostat
- Prioritize rooms - Define a desired temperatures, select priority rooms, or base priority on motion

| Series | Item | Type | Wireless Sensors | Stages | Dual Fuel | Power Method | Display Size |
|---|---|---|---|---|---|---|---|
| T10 | THX321WFS2001W | Programmable | 1 Included | 3 Heat / 2 Cool | Yes | C wire | 7.27 sq.in. |
| | C7189R2002 | Additional Sensors | 2-Pack | | | | |

**The Honeywell Home App controls the T6 and T10 thermostats above, as well as the WiFi Water Leak & Freeze Detector below**

### WiFi Water Leak & Freeze Detector

- Receive notifications via smart phone
- Reduced risk of water damage with audible alerts
- 5-ft sensing cable that detects water through entire length
- Daisy chain extra cables for up to 500' of coverage

| Item | Description |
|---|---|
| CHW3610W1001 | Wi-Fi Water Leak & Freeze Detector |
| YCHW4000W4004 | Contractor 4-Pack of CHW3610W1001 |
| CHWES41013 | Accessory Cable Sensor (4 ft.) |

## Total Comfort Connect App - Ideal for Residential or Commercial

**72°**

- View & change HVAC system settings
- View & set the temperature
- View & control indoor humidity
- View outdoor temperature and humidity
- Access multiple thermostats if the system is zoned
- Access multiple locations and systems
- Receive temperature and humidity alerts via email
- Access over 90 system alerts via the web

### Total Comfort Connect WiFi

| Item | Series | Type | Stages | Power | IAQ Relay | Display |
|---|---|---|---|---|---|---|
| TH8321WF1001 | VisionPRO® 8000 | Programmable | 3H/2C | C wire | Yes | 10 sq.in. |
| TH9320WF5003 | 9000 Smart Color | | | | No | 8 sq.in. |

**The Total Comfort Connect App (TCC) controls the two thermostats above**
(No internet gateway is required for these two controls above)

**The TCC App also controls the RedLINK® thermostats on pages 4 - 5, and the RedLINK® zoning systems on pages 6 - 7.**
(The THM6000R7001 Gateway is needed for those applications)

TH8321WF1001          TH9320WF5003

# RedLINK® Wireless Technology Platform
## Controls that Serve both Residential and Commercial Applications

During setup select whether the control will be commercial or residential

APPLICATION
residential
Commercial

**Strong Light Commercial Functionality**
- Meets commercial building codes, including Title 24
- Efficient commercial management - Temperature set point limits and keypad lock out lets you manage energy usage for maximum savings
- 365-day scheduling - Program up to 25 custom events
- Remote monitoring - Control multiple buildings from a PC, tablet or phone
- Integrates occupancy sensor, lighting controls & other HVAC/IAQ systems
- Initiate occupancy - Save energy in rooms not frequently used
- Adjustable ramp rates - Initiates early recovery as needed
- Self-monitoring diagnostics with alerts Integrates occupancy sensors, lighting controls and other HVAC/IAQ systems when using an EIM board

**72°** ^∨
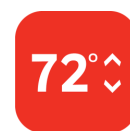
Control with the TCC App!
(requires the internet gateway)

---

## VisionPRO® 8000 Series

**Three Flexible Ways to Install**
- Wired directly to the equipment
- 2-wire or *wireless* with TrueZONE® zoning systems
- 2-wire or *wireless* with Equipment Interface Module

| Item | Type | Stages | Power | IAQ Relay | Display |
|------|------|--------|-------|-----------|---------|
| TH8110R1008 | Programmable | 1H/1C | Battery & Hardwire | No* | 10 sq.in. |
| TH8320R1003 | Programmable | 3H/2C | Battery & Hardwire | No* | 10 sq.in |
| TH8321R1001 | Programmable | 3H/2C | Battery & Hardwire | Yes | 10 sq.in |

\* IAQ control is available when the thermostat is paired with an EIM module below

---

## Add the Equipment Interface Module (EIM) to:

Gain additional IAQ/ventilation control contacts and sensor inputs
Add upstream/downstream temperature sensors to measure Delta T
Place a thermostat on the wall with no wires

- Up to 4H/2C in a heat pump system
- Up to 3H/2C in a conventional system
- Three sets of Universal IAQ contacts to control dehumidification/ventilation
- Four sensor inputs for wired sensors or dry contact devices
- THM4000R1000 can be used to extend the wireless range
- Compatible with all RedLINK® devices

| Item | Description |
|------|-------------|
| THM5421R1021 | Prestige® 2-Wire/VisionPRO EIM Board |
| YTHM5421R1010 | EIM Board w/ 2 Duct Sensors |

**Go Wireless from the Indoor Unit to the Thermostat!**

Air Handler to EIM
Thermostat Wire
Duct sensors for measuring Delta T

---

## RedLINK® Prestige® IAQ

**Robust capabilities — with a smaller, sleeker profile for design-conscious residential and light commercial end users**
- Small sleek design • Full-color display - Customizable and high-definition
- Alerts log - Stores 25 alerts to help technicians easily determine what part of the system needs attention
- System performance log - Min/ max indoor/outdoor temperatures, humidity, run time, and more - organized by hour, day, week or month
- Delta T - Provides alerts and diagnostics when system needs service
- Four assignable inputs - Connect wired sensors, remote setback or dry contacts
- Dealer info - Contractor contact information available with the touch of a button, driving repeat business

EIM to Prestige IAQ Comm Via RedLINK®
2 Wires for Power Required
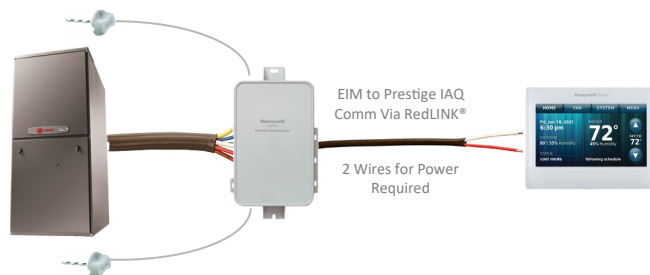
| Prestige® IAQ Kits | Kit Contains | Image |
|--------------------|--------------|-------|
| YTHX9421R5085WW | THX9421R5021WW Prestige® 2-Wire IAQ Thermostat<br>THM5421R1021 Equipment Interface Module<br>2 Duct Sensors | |
| YTHX9421R5127WW | THX9421R5021WW Prestige® 2-Wire IAQ Thermostat<br>THM5421R1021 Equipment Interface Module<br>THM6000R7001 RedLINK® Internet Gateway<br>2 Duct Sensors | |

| Replacement Stat | Notes |
|------------------|-------|
| THX9421R5021WW | Does not work as a stand-alone control. Must be used in conjunction with an EIM or wireless zoning adapter. |

**Go Wireless from the Condenser to the Indoor Unit!**

Condenser to ERM

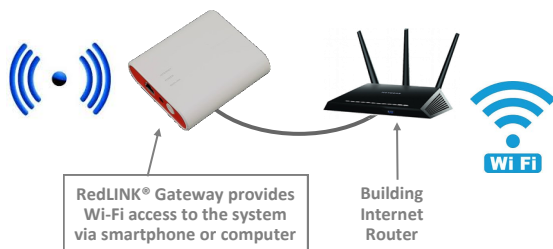Outdoor to Indoor

Thermostat Wire

Via RedLINK® (no wire)
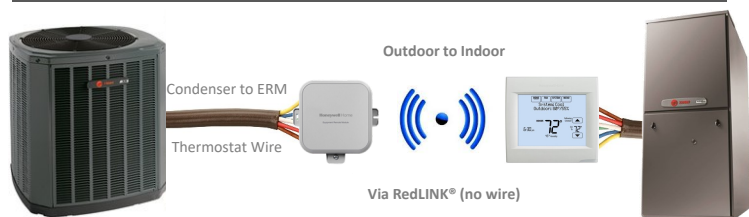
## RedLINK® Equipment Remote Module

The ERM uses reliable RedLINK® technology to let control devices, such as a thermostat, communicate wirelessly with outdoor two-stage air conditioners and heat pumps.

| Item | Kit Contains |
|---|---|
| ERM5220R1018 | RedLINK® Equipment Remote Module |
| YERM5220R8321 | ERM5220R1018 (ERM) & TH8321R1001 (VisionPRO) |
| YERM5220RVPEIM | ERM5220R1018, TH8321R1001, & THM5421R1021 (EIM) |

# RedLINK® Wireless Accessories

**Control the System Online!**

## RedLINK® Internet Gateway

An internet gateway is required to control a RedLINK® system from a Wi-Fi smartphone or computer using the Total Comfort Connect App.



RedLINK® Gateway provides Wi-Fi access to the system via smartphone or computer

Building Internet Router

Total Comfort Connect App

| Item |
|---|
| THM6000R7001 |
| RedLINK® Internet Gateway |

## Wirelessly Connect These Accessories to any RedLINK® control!

**When the RedLINK® Wireless Indoor Air Sensor** is paired with a VisionPRO® or Prestige® 2-wire thermostat the sensor(s) enables changing the sensing location of the thermostat, average temperature in large rooms, or monitoring humidity.
- 2 7/8 in. high x 1 7/8 in. wide x 15/16 in. deep
- Wireless & battery operated (2 AAA)

| Item | Description |
|---|---|
| C7189R1004 | RedLINK® Wireless Indoor Air Sensor |

**The RedLINK® Wireless Outdoor Air Sensor** senses outdoor temperature and humidity to display on RedLINK® enabled thermostats and accessories.
- 5 in. high x 3 1/2 in. wide x 1 11/16 in. deep
- Wireless & battery operated (2 AA)

| Item | Description |
|---|---|
| C7089R1013 | RedLINK® Wireless Outdoor Air Sensor |

**With the RedLINK® Wireless Entry/Exit Remote** you can setback and recover thermostat control from anywhere in the building. Comes with commercial and residential cover plates.
- (1) Entry/Exit Remote can control up to (16) thermostats
- Each stat can be linked to up to (3) Entry/Exit Remotes
- 6 1/4 in. high x 3 1/8 in. wide x 1 5/8 in. deep

| Item | Description |
|---|---|
| REM1000R1003 | Wireless Entry/Exit Remote |

**The RedLINK® Portable Comfort Control** can view and adjust all RedLINK® thermostats from a single control. Goes anywhere in the building to sense/control temperature.
- Controls up to 16 thermostats
- Touchscreen interface with backlit display
- Can display outdoor temperature and humidity

| Item | Description |
|---|---|
| REM5000R1001 | Portable Comfort Control |

## Extend the Range of your RedLINK® Connection with a Wireless Adapter

**Connect the Wireless Adapter to an EIM board to extend the wireless range.** This is especially recommended in commercial rooftop installations. If the EIM is mounted inside the metal cabinet, it is recommended to use a THM4000R1000 Wireless Adapter for extended wireless range. Mount the Wireless Adapter outside the metal cabinet and connect to the ABCD terminals at the EIM.

| Item | Description |
|---|---|
| THM4000R1000 | Wireless Adapter for use with RedLINK® enabled thermostats and TrueZONE® system |

# Honeywell Home Non-Connected Thermostats

| Series | Item | Type | Stages | Dual Fuel | Power Method | Display Size | Image |
|---|---|---|---|---|---|---|---|
| T6 | TH6210U2001 TH6220U2000 TH6320U2008 | 7-Day, 5-2. 5-1-1, or Non-Programmable | 2 Heat / 1 Cool 2 Heat / 2 Cool 3 Heat / 2 Cool | No Yes Yes | Battery or C wire | 5.44 sq. in. | |
| T4 | TH4110U2005 TH4210U2002 | | 1 Heat / 1 Cool 2 Heat / 1 Cool | No No | | 3.93 sq. in. | |

| Series | Item | Type | Stages | Power Method | Display Size | Image |
|---|---|---|---|---|---|---|
| T3 | TH3110U2008 TH3210U2004 | Non-Programmable | 1 Heat / 1 Cool 2 Heat / 1 Cool | Battery or C wire | 3.32 sq. in. | |
| T1 | TH1110D2009 | Non-Programmable | 1 Heat / 1 Cool | Battery or C wire | 2.37 sq.in. | |
| E1 | TH1110E1000 | Non-Programmable | 1 Heat / 1 Cool | Battery or C wire | 2.4 sq.in. | |

## Legacy FocusPRO® Series

| Series | Type | Item | Display Size | Stages | Power Method | Image |
|---|---|---|---|---|---|---|
| 6000 | 5-1-1 Programmable | TH6110D1005 TH6110D1021 | Standard Large | 1 Heat / 1 Cool | Battery or C wire | |
| | | TH6220D1002 TH6220D1028 | Standard Large | 2 Heat / 2 Cool | | |
| 5000 | Non-Programmable | TH5220D1003 TH5220D1029 | Standard Large | 2 Heat / 2 Cool | | |

# PRO Non-Connected Thermostats

| Series | Item | Type | Stages | Power Method | Display Size | Image |
|---|---|---|---|---|---|---|
| 700 | T701 T721 | Non-Programmable | 1 Heat / 1 Cool 2 Heat / 1 Cool | Battery or C wire | 4 sq. in. | |

Simple Private Label Program

Joe's HVAC
303-555-0621

# Honeywell Home Fan Coil / PTAC Thermostats

## MultiPRO™ Thermostat

| Item Number | Applications | Power |
|---|---|---|
| TB7100A1000 | PTAC (2H/1C) - Fan Coil (2 & 4 pipe) - Straight Cool (1H/1C) - Heat Pump (2H/1C) | 24v and/or Battery |

## SuitePRO™ Thermostats

| Item Number | Changeover | Pipes | Voltage |
|---|---|---|---|
| TB6575A1000 | Manual/Automatic | 2 or 4 Pipe | 120/240v |
| TB6575B1000 | Seasonal/Manual | 2 Pipe | 120/240v |
| TB6575C1000 | Manual/Automatic | 2 or 4 Pipe | 120/240/277v |
| TB8575A1000 | Manual/Automatic | 2 or 4 Pipe | 24v |

| Accessories | Description |
|---|---|
| 535-34AB08-203 | Pipe sensor for 2-pipe changeover |
| 50033847-001 | Adapter Plate for Mounting Fan Coil Thermostats to Junction Box |

# Thermostat Accessories

## Cover Plates / "Goof" Plates

**32003796-001**

**BAYCOVR800A**

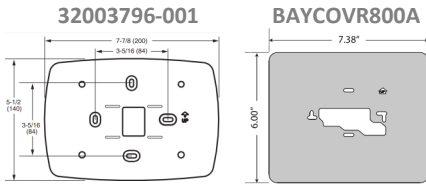| Item # | Brand | Application | Color | Width x Height |
|---|---|---|---|---|
| 32003796-001 | | VisionPRO® TH8000 Series | White | 7.75" x 5.5" |
| 50002883-001 | Honeywell | FocusPRO® 6000 &5000; PRO 4000 & 3000 | White | 8.3" x 6.0" & 6.87" x 5.0" |
| 50022893-001 | Home | TH1100D, TH1210D, TH2110D, TH2210D | White | 5.75" x 7.38" |
| THP2400A1027 | | Prestige® IAQ thermostat | White | 5.5" x 4.33" & 6.87" x 5.0" |
| BAYCOVR800A | Trane | TCONT624, TCONT724, TCONT824, TCONT850 | Silver | 7.38" x 6.0" |

## Honeywell Home Wired Sensors

| Item # | Application |
|---|---|
| C7189U1005 | Wired indoor Sensor |
| C7089U1006 | Wired Outdoor Sensor |

## Thermostat Guards

| Item Number | Type | Exterior WxHxD | Interior W x H |
|---|---|---|---|
| TG510A1001 | Clear Plastic | 5 ⅞ x 5 ⅞ x 2 ½ | 4 ⅜ x 4 ⅜ |
| TG511A1000 | Clear Plastic | 6 ½ x 7 ½ x 2 ⅞ | 5 x 6 |
| TG512A1009 | Clear Plastic | 7 ¼ x 9 ¾ x 3 ⅜ | 5 ⅞ x 8 ⅜ |
| TG511D1004 | Beige Metal | 6 ½ x 7 ⅜ x 2 ⅞ | 5 x 6 |
| TG512D1003 | Beige Metal | 7 ¼ x 9 ⅝ x 3 ¼ | 5 ⅞ x 8 ⅜ |

**TG511D1004**
**TG512D1003**

**TG510A1001**
**TG511A1000**
**TG512A1009**

## Plenum-Rated Thermostat Wire
For code compliance in ductwork & plenum spaces

| Item # | Gauge | # of Wires | Pack Qty. |
|---|---|---|---|
| WIR02593 | 18 | 2 | 500' Spool |
| WIR02594 | 18 | 3 | 500' Spool |
| WIR02595 | 18 | 4 | 250' Spool |
| WIR02596 | 18 | 5 | 250' Spool |
| WIR02597 | 18 | 6 | 250' Spool |
| WIR02598 | 18 | 8 | 250' Spool |

## General Purpose Thermostat Wire

| Item # | Gauge | # of Wires | Pack Qty. |
|---|---|---|---|
| WIR02573 | 18 | 2 | 500' Spool |
| WIR02574 | 18 | 3 | 500' Spool |
| WIR02575 | 18 | 4 | 250' Spool |
| WIR02576 | 18 | 5 | 250' Spool |
| WIR02577 | 18 | 6 | 250' Spool |
| WIR02579 | 18 | 8 | 250' Spool |
| WIR02581 | 18 | 10 | 250' Spool |

## Wire Reduction Solutions

**Wire Saver** - Use for Wi-Fi and other 24v thermostats when a common wire is needed but not present

A wire saver acts as a splitter for applications that do not include a 24-volt C wire. If the system does not include a C wire, install the wire saver in or near the main unit (furnace, air handler) of the system.

Thermostat — C Wire Adapter — HVAC Control Board

| Item Number |
|---|
| THP9045A1098 |
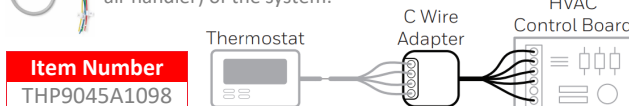
### Universal Smart Wire Module
2 to 5 Wire Adapter

- Reduce installation costs by not having to pull additional wire
- Send up to 5 additional outputs over a single pair of wires
- Supports both heat pump and conventional HVAC systems
- Compatible with virtually all major thermostat brands

| Item Number |
|---|
| UT-SWM |
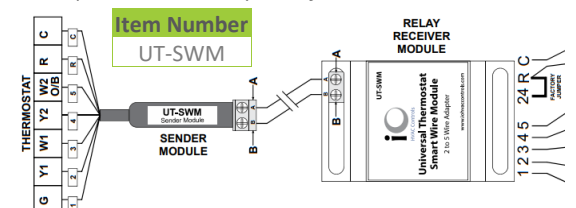
**Customer Demand -** The number one HVAC complaint is uneven temperature. More than 60 percent of homeowners will request individual room temperature control in the next home they build.

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

**72°** Control with the TCC App!
(requires the internet gateway)

## Wireless Zoning Systems - The Game Changer

When used with RedLINK®-enabled TrueZONE® panels, the 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 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 VisionPRO®.

### 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.

| Item | Description |
|---|---|
| THM4000R1000 | Wireless Adapter for use with RedLINK® enabled thermostats and TrueZONE® system |

## Zone Boards

| Item | Zones | Stages | V.S. Fan Control | RedLINK Wireless | Included Accessories |
|---|---|---|---|---|---|
| HZ311K | 3 | 1H / 1C | Yes - BK Terminal | No | (1) transformer and (1) C7735A discharge air temperature sensor |
| HZ322K | 3 | 2H / 2C | Yes - BK Terminal | With THM4000 | (1) transformer and (1) C7735A discharge air temperature sensor |
| HZ432K | 4 | 3H / 2C | Yes - BK Terminal | With THM4000 | (1) transformer and (1) C7735A discharge air temperature sensor |

## Damper Options

### ARD Round Dampers - 2 Wire
- Power close; spring open
- Open and close lights and visual position indicator for quick setup and diagnostics
- Adjustable Range Stops for consistent bleed settings
- Push terminals and easy wiring to Honeywell TrueZONE® Panel

| Item | Size | Replacement Actuator for all 2-Wire Dampers |
|---|---|---|
| ARD5TZ | 5" | M847D-ZONE |
| ARD6TZ | 6" | |
| ARD7TZ | 7" | |
| ARD8TZ | 8" | |
| ARD9TZ | 9" | |
| ARD10TZ | 10" | |
| ARD12TZ | 12" | |
| ARD14TZ | 14" | |
| ARD16TZ | 16" | |
| ARD18TZ | 18" | |
| ARD20TZ | 20" | |

### CPRD Bypass Dampers
- Cuts installation time by replacing the old weight system with a simple handle
- Installs at any orientation at any angle
- Provides constant pressure relief regardless of the blower speed

| Item | Size |
|---|---|
| CPRD8 | 8" |
| CPRD10 | 10" |
| CPRD12 | 12" |
| CPRD14 | 14" |

### MARD Round Dampers - 3 Wire
The MARD series damper is a power opened/power closed zone or bypass damper. It is usually used in light commercial applications on systems larger than 5 tons that do not exceed 2 in. W.C. at the damper, but may be used in any residential system as well.
- Uses 90-second open to closed motor
- Can be used as a zone damper.
- Used with Static Pressure Control (SPC) for bypass applications.

| Item | Size |
|---|---|
| MARD6 | 6" |
| MARD8 | 8" |
| MARD10 | 10" |
| MARD12 | 12" |
| MARD14 | 14" |
| MARD16 | 16" |
| MARD18 | 18" |

| Item | Description |
|---|---|
| SPC | Adjustable DP Switch |

| Replacement MARD Actuator |
|---|
| ML6161B2024 |

### Rectangular Supply Dampers - 2 Wire

| Depth \ Height | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | ZD6X6TZ | ZD6X8TZ | ZD6X10TZ | ZD6X12TZ | ZD6X14TZ | ZD6X16TZ | ZD6X18TZ | ZD6X20TZ | ZD6X22TZ | ZD6X24TZ | ZD6X26TZ | ZD6X28TZ |
| 8 | ZD8X6TZ | ZD8X8TZ | ZD8X10TZ | ZD8X12TZ | ZD8X14TZ | ZD8X16TZ | ZD8X18TZ | ZD8X20TZ | ZD8X22TZ | ZD8X24TZ | ZD8X26TZ | ZD8X28TZ |
| 10 | ZD10X6TZ | ZD10X8TZ | ZD10X10TZ | ZD10X12TZ | ZD10X14TZ | ZD10X16TZ | ZD10X18TZ | ZD10X20TZ | ZD10X22TZ | ZD10X24TZ | ZD10X26TZ | ZD10X28TZ |
| 12 | ZD12X6TZ | ZD12X8TZ | ZD12X10TZ | ZD12X12TZ | ZD12X14TZ | ZD12X16TZ | ZD12X18TZ | ZD12X20TZ | ZD12X22TZ | ZD12X24TZ | ZD12X26TZ | ZD12X28TZ |
| 14 | ZD14X6TZ | ZD14X8TZ | ZD14X10TZ | ZD14X12TZ | ZD14X14TZ | ZD14X16TZ | ZD14X18TZ | ZD14X20TZ | ZD14X22TZ | ZD14X24TZ | ZD14X26TZ | ZD14X28TZ |
| 16 | ZD16X6TZ | ZD16X8TZ | ZD16X10TZ | ZD16X12TZ | ZD16X14TZ | ZD16X16TZ | ZD16X18TZ | ZD16X20TZ | ZD16X22TZ | ZD16X24TZ | ZD16X26TZ | - |
| 18 | ZD18X6TZ | ZD18X8TZ | ZD18X10TZ | ZD18X12TZ | ZD18X14TZ | ZD18X16TZ | ZD18X18TZ | ZD18X20TZ | ZD18X22TZ | ZD18X24TZ | ZD18X26TZ | - |
| 20 | ZD20X6TZ | ZD20X8TZ | ZD20X10TZ | ZD20X12TZ | ZD20X14TZ | ZD20X16TZ | ZD20X18TZ | ZD20X20TZ | ZD20X22TZ | ZD20X24TZ | - | - |
| 22 | ZD22X6TZ | ZD22X8TZ | ZD22X10TZ | ZD22X12TZ | ZD22X14TZ | ZD22X16TZ | ZD22X18TZ | ZD22X20TZ | ZD22X22TZ | ZD22X24TZ | - | - |
| 24 | ZD24X6TZ | ZD24X8TZ | ZD24X10TZ | ZD24X12TZ | ZD24X14TZ | ZD24X16TZ | ZD24X18TZ | ZD24X20TZ | ZD24X22TZ | ZD24X24TZ | - | - |
| 26 | ZD26X6TZ | ZD26X8TZ | ZD26X10TZ | ZD26X12TZ | ZD26X14TZ | ZD26X16TZ | ZD26X18TZ | ZD26X20TZ | - | - | - | - |
| 28 | ZD28X6TZ | ZD28X8TZ | ZD28X10TZ | ZD28X12TZ | ZD28X14TZ | ZD28X16TZ | - | ZD28X20TZ | - | - | - | - |

# Zoning Selection Worksheet

## 1) Are you going wireless? Not pulling wire to any zone thermostats? Adding wireless sensors?

If you are wirelessly connecting to a zone controller or accessory, you must add the THM4000R1000 wireless adapter.
You must also select a HZ322K or HZ432K in step 2.

| Wireless RedLINK® Accessories | Part Number | Qty. |
|---|---|---|
| Wireless Adaptor (To enable RedLINK® thermostats and accessories) | THM4000R1000 | |

## 2) Choose your TrueZONE® panel. For RedLINK® compatibility select either the HZ432K or HZ322K.

| TrueZONE Panel Kits | Part Number | Qty. |
|---|---|---|
| **HZ432K** -4 zone, 3H/2C panel used for conventional, heat pump or dual-fuel systems; **RedLINK® enabled**. Kit incudes (1) HZ432 panel, (1) transformer and (1) C7735A discharge air temperature sensor. | HZ432K | |
| **HZ332K** –3 zone, 3H/2C panel used for conventional or heat pump equipment; **RedLINK® enabled**. Kit incudes (1) HZ432 panel, (1) transformer and (1) C7735A discharge air temperature sensor. | HZ322K | |
| **HZ311K** –3 zone, 1H/1C panel used for conventional systems. Kit incudes (1) HZ432 panel, (1) transformer and (1) C7735A discharge air temperature sensor. | HZ311K | |

## 3) Choose your zone dampers

| Duct Diameter | Standard Round Damper | Qty. |
|---|---|---|
| 5" Round Damper | ARD5TZ | |
| 6" Round Damper | ARD6TZ | |
| 7" Round Damper | ARD7TZ | |
| 8" Round Damper | ARD8TZ | |
| 9" Round Damper | ARD9TZ | |
| 10" Round Damper | ARD10TZ | |
| 12" Round Damper | ARD12TZ | |
| 14" Round Damper | ARD14TZ | |
| 16" Round Damper | ARD16TZ | |
| 18" Round Damper | ARD18TZ | |
| 20" Round Damper | ARD20TZ | |

## 4) Choose your bypass damper

| Calculate Total CFM, then choose Supply-To-Return Bypass | | | | |
|---|---|---|---|---|
| | - | | = | |
| Total CFM of system | minus | CFM of smallest zone | equals | Total CFM to bypass |

| Part # | Description | Qty. |
|---|---|---|
| CPRD8 | Bypass up to 600 CFM (replaces 8" & 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) | |

## 5) Choose a thermostat for each zone

| RedLINK® Enabled Thermostats | | Part Number | Qty. |
|---|---|---|---|
| **Two Wires Required.** | Prestige® 2-Wire IAQ thermostat with RedLINK® technology (white/white). Controls up to 4H/2C heat pump or 3H/2C conventional. Thermostat only.** | THX9421R5021WW | |
| **Wireless Placement Capable!** | VisionPRO® 8000 with RedLINK® Technology. Controls up to 4H/2C heat pump or 3H/2C conventional. Thermostat only.** | TH8320R1003 | |

## 6) Choose additional wireless accessories.

You must have selected a THM4000R1000 in step 1.

**In order to enable IAQ device control, configurable input sensors, wireless indoor air 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.

| Wireless RedLINK® Accessories | Part Number | Qty. |
|---|---|---|
| EIM Board (for use with Prestige® or VisionPRO® to control IAQ Products or advanced RedLINK® features.)** | THM5421R1021 | |
| RedLINK® Internet Gateway | THM6000R1002 | |
| Personal Comfort Control | REM5000R1001 | |
| Wireless Outdoor Air Sensor | C7089R1013 | |

# Energy Recovery Ventilators (ERVs)

## TRANE® Energy Recovery Systems

| Model Number | CFM | Replacement Filter |
|---|---|---|
| EERVR100A1P00B | 120 | FLR08618 |
| EERVR200A1P00B | 200 | FLR08619 |
| EERVR300A1P00B | 300 | FLR08619 |

**Outdoor Air**

**Stale Indoor Air**

**Heat and Moisture Transfer**

**Stale Air Sent Outdoors**

**Fresh Air Sent Indoors**
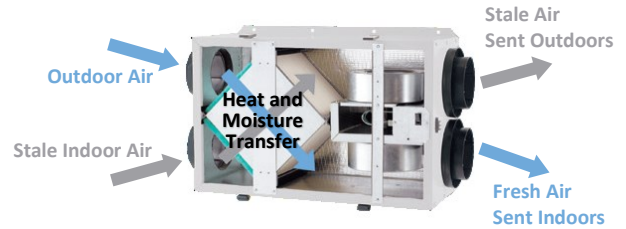
- 6" & 8" double collar duct connections for EERVR100 and 200
- 8" round compatible duct connection for EERVR300
- Closed cell foam gasketing for insulation integrity
- 1" duct board insulation with cleanable foil face
- Passive defrost - condensate drain not required

- Pressure ports are accessible through front panel without door removal
- "Guillotine" type dampers are included to balance for correct airflow
- Percent Timer (PT) control included for simple, automatic operation

---

## Honeywell Home  Balanced Ventilation Systems

| ERV Item Number | Description | Replacement Filter Kit |
|---|---|---|
| VNT5070E1000 | 70 CFM Energy Recovery Ventilator | 50063805-003 |
| VNT5150E1000 | 150 CFM Energy Recovery Ventilator | 50053952-005 |
| VNT5200E1000 | 200 CFM Energy Recovery Ventilator | 50053952-006 |

**Along with the time-saving installation and simplified balancing, Honeywell Home ventilation systems offers an array of other benefits:**
- Removable Duct Collars: Spend less time on the ladder by easily connecting the ductwork to the collars away from the unit before it's hung, and then sliding the collars back into place once ducted.
- Simplified Balancing: Two variable-speed motors — one for each air stream — work with the integrated speed control so installers can adjust the speed of each motor up and down to easily balance the system. This eliminates the need for adjusting dampers.
- Adjustable Hanging Straps: Just like tightening or loosening straps on a backpack, these straps make it easy to raise, lower and level the unit into place.
- Meets ASHRAE 62.2 Standards: Your assurance of meeting code requirements

### Controls

RedLINK® Prestige IAQ®, VisionPRO® TH8321WF1001 / TH8321R1001, or the T10 Pro all provide ventilation control from a single device, effortless programming and a wide range of comfort and energy-saving features.

**ASHRAE Ventilation Sizing Chart Table 4.1a (I-P) Ventilation Air Requirements, cfm**

| Floor Area (ft2) | # of Bedrooms | | | | |
|---|---|---|---|---|---|
| | 0 - 1 | 2 - 3 | 4 - 5 | 6 - 7 | >7 |
| < 1500 | 30 | 45 | 60 | 75 | 90 |
| 1501 – 3000 | 45 | 60 | 75 | 90 | 105 |
| 3001 – 4500 | 60 | 75 | 90 | 105 | 120 |
| 4501 – 6000 | 75 | 90 | 105 | 120 | 135 |
| 6001 – 7500 | 90 | 105 | 120 | 135 | 150 |
| > 7500 | 105 | 120 | 135 | 150 | 165 |

---

# Fresh Air Dampers & Controls

## Honeywell Home

**W8150A1001 Ventilation Control**
The control operates a fresh air intake damper and, when necessary, activates the main HVAC blower to efficiently meet ASHRAE ventilation rates.
- Designed to help meet local ventilation codes and standards, including the ASHRAE 62.2-2010 standard.
- Smart Control optimizes air delivery by syncing ventilation calls with heating/cooling
- Easy-to-use input dials allow customized ventilation for each installation.
- Test mode that includes immediate feedback to installer to confirm that air delivery requirements of selected ventilation standard are being met.
- Economical supply-only ventilation; works with forced air system.
- Can be used with other equipment, such as an HRV/ ERV, for balanced ventilation.

**EARDTZ Dampers**
The EARD is a round damper with a 24v powered-open / spring-closed motor. It is used for fresh air intake for ventilation or for combustion makeup air.
- Front facing display with LED indication light for Open & Close
- Adjustable damper open position range stops
- Shipped as power open/spring return closed (field converts to spring-open/power return)
- Rated to operate up to 1 in. wc
- Simple, easy-to-wire, two-wire installation
- Male (crimped) and female (uncrimped) ends to connect to any rigid or flexible round duct.

| Item | Description | Replacement |
|---|---|---|
| EARD6TZ | 6" Round Fresh Air Damper | M847D-VENT |
| EARD8TZ | 8" Round Fresh Air Damper | |
| W8150A1001 | Fresh Air Ventilation Control | |
| Y8150A1017 | Fresh Air Ventilation Kit - Includes EARD6TZ damper, W8150A1001 control, and a 24v transformer | |

# Honeywell Home Dehumidification Systems

Dehumidification Systems are integrated into your HVAC equipment, which means they're more effective and can be less expensive than putting multiple single-room units in a home. They can also be used as a standalone solution to remove moisture from problem areas, and eliminate the need for maintenance (emptying collection buckets) — all while using less energy compared to most portable dehumidifiers.
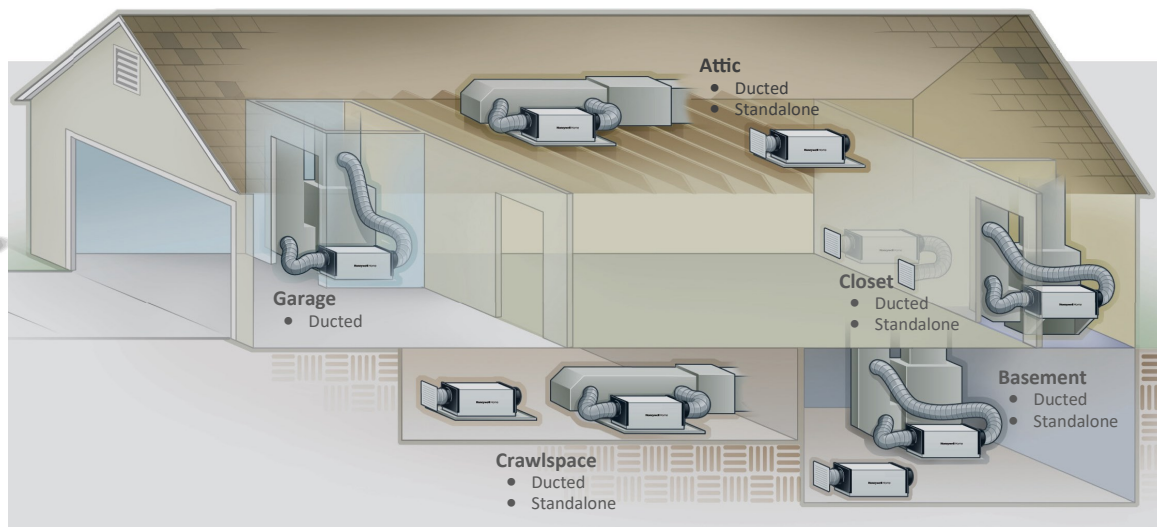


**DR65A3000**

**DR90A3000**

**DR120A3000**

Attic
- Ducted
- Standalone

Closet
- Ducted
- Standalone

Garage
- Ducted

Basement
- Ducted
- Standalone

Crawlspace
- Ducted
- Standalone

| Item | Performance | Energy Star | Application | Voltage | Dimensions W x H x L | Replacement Filter | Drain Pan |
|---|---|---|---|---|---|---|---|
| DR65A3000 | 65 pints/day at 80°F, 60%RH | No | 2-3 Ton or 1800 sq. feet | 120v | 12" x 12" x 28.5" | 50049537-005 | 18" x 44" |
| DR90A3000 | 90 pints/day at 80°F, 60%RH | Yes | 3-4 Ton or 2800 sq. feet | 120v | 14.33" x 19.33" x 32.35" | 50070171-002 | 18" x 44" |
| DR120A3000 | 120 pints/day at 80°F, 60%RH | Yes | 4-5 Ton or 3600 sq. feet | 120v | 14.33" x 21.25" x 32.35" | 50070171-002 | 18" x 44" |

## Use these Honeywell Controls with your Honeywell Whole-Home Dehumidification System

| YTHX9421R5085WW | TH8321R1001 | THX321WFS2001W/U | H6062A1000 |
|---|---|---|---|
| **Prestige IAQ** | **VisionPRO 8000** | **T10 Pro Smart Series** | **HumidiPRO Humidity Control** |
| • High-definition, full-color display<br>• RedLINK® technology and accessories<br>• Sliding scale shows actual and desired humidity levels | • All-in-one control in the living space<br>• RedLINK® technology and accessories<br>• Smart Schedule programs in seconds | • Control humidification, dehumidification, or ventilation from thermostat or app<br>• Energy savings through scheduling and geo-fencing at thermostat or in app<br>• Add RedLINK® Room Sensors to extend reach of thermostat beyond the hallway sensors | • Manages dehumidification / humidification<br>• Simple installation, programming and operation<br>• Wired outdoor sensor included<br>• Automatically adjusts indoor setting based on outdoor conditions |

# Wi-Fi Dehumidifiers with Standalone Controls
## From GeneralAire
*BREATHE HEALTHIER™*



**Features:**
- Wi-Fi and touch screen control for user convenience.
- Fan-only Function. Set for 10, 20, or 30 min. per hour.
- Filter Hour Indicator (replace MERV 11 filter annually)
- Low Temperature Shutoff
- Comfortable handles integrated into both the box and the unit for ease of installation
- Adjustable feet for leveling.
- Safety grates and duct mount collars included

**New APP Features:**
- Humidity sensor offset (+/-5%): changes calibration of the humidity sensor to match another humidity measuring device in the home.
- Low voltage connection for remote dehumidistat or water leak detection device.
- APP attempts to reconnect should Wi-Fi be lost until connection is restored.
- Freezestat and Dewpoint lockout setpoint.

| Item | Performance | Application | Voltage | Dimensions W x H x L | Replacement Filter | Drain Pan |
|---|---|---|---|---|---|---|
| DH75 | 75 pints/day at 80°F, 60%RH | Up to 3,800 sq. ft. | 120v | 12.6" x 12.75" x 21" | 10" x 12" x 1" | 18" x 44" |
| DH100 | 100 pints/day at 80°F, 60%RH | Up to 5,200 sq. ft. | 120v | 12.6" x 15.75" x 21" | 12" x 12" x 1" | 18" x 44" |

## So, why be part of Resideo Pro PERKS?

The Resideo Pro PERKS Loyalty Program offers your company the ability to earn even more with every dollar spent on Resideo products along with a collection of benefits that can help you grow your business.

**Become a member now at Pro.Resideo.com**

# See how P.E.R.K.S. works for you

**PERFORMANCE**
Earn up to 4% back on your Resideo product purchases!
(Tiers: Silver = 2%, Gold = 3%, Platinum = 4%)

**ENABLEMENT**
Take advantage of our cutting-edge digital marketing platform and receive marketing support training. We'll share tips to help you grow your brand, source new leads, and win new business!

**REWARDS**
Redeem your Resideo Pro PERKS points towards Product Certificates, Co-Op marketing activities, promotional merchandise, or employee rewards.

**KNOWLEDGE**
Access Resideo's world-class library of training offerings that includes self-paced, online courses and webinars in addition to live, in-person and virtual classroom training.

**SERVICES**
Receive the Resideo Pro PERKS monthly newsletter with updates on the latest program benefits, product technical tips, training schedule and much more!

resideo pro PERKS

**ENROLL TODAY**

---

## Honeywell Home | PRIVATE LABEL PROGRAM
**ASSOCIATE YOUR COMPANY NAME WITH THE HONEYWELL HOME BRAND**

The Private Label Program gives your customers the best quality thermostat coupled with convenient HVAC service information. They'll know exactly who to call for future HVAC needs — and you'll get their reoccurring business.

The program includes up to three full lines of your personalized information printed onto the thermostat cover, low minimum order quantities, and no annual volume commitment.

To get started go to **customer.resideo.com** and login to your company account.

**Custom** To You

John's HVAC Services
800-468-1502

ProSeries

---

**Hunton** Distribution

**281-HUNTON-1 | 877-HUNTON-1 | www.HuntonDistribution.com**