



Application Selection and Cross-Reference Guide



Why Honeywell?

Products



Exclusive Features and Warranties

Honeywell products feature exclusives you won't find with other brands, like RedLINK™ Wireless Technology as well as the industry's best warranties — up to 5 years.

Brand

Complete Portfolio

From wireless comfort systems to thermostats and indoor air quality, water to combustion controls, only Honeywell provides you with the leading portfolio of residential control products to meet your needs for every application, budget and customer.



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.



Recognition

Honeywell has been recognized by Frost & Sullivan as offering the Overall Best Programmable Thermostats in the United States.

Support



Free Sales Literature

Customize and order product literature, build direct mail campaigns, download AD slicks and take advantage of cost-savings for your business by leveraging Honeywell's free sales literature program at www.literature.honeywell.com



Customer Service

Honeywell provides toll-free access to product application, installation and support experts.
Customer Service: 1-800-468-1502
TrueSTEAM Hotline: 1-800-814-9452
Zoning Hotline: 1-800-828-8367
Aquatrol Hydronic Hotline: 1-800-318-0815
RedLINK Hotline: 1-855-RED-LINK (1-855-733-5465)



Training

From in the classroom to over the web, Honeywell offers a host of world-class training solutions. Visit www.forwardthinking.honeywell.com/training to learn more



Online Tools

Find everything you need to be successful in selling Honeywell products online. Product information, cross-references, demos and more are available at customer.honeywell.com.



Rewards

Honeywell's Contractor PRO™ Rewards program gives contractors reward points (\$) back on all Honeywell purchases year round at contractorpro.com.



RedLINK™ Wireless Systems



Honeywell's RedLINK Technology Makes It Possible

Honeywell engineers built upon their already proven wireless security system technology to create RedLINK – wireless technology designed specifically for HVAC applications.

Now, Honeywell's exclusive RedLINK Wireless Technology – and our full-suite of wireless-enabled comfort systems – help you better meet your customer's comfort needs and connect you to expanded business opportunities.

- Connects to the Internet
- Eliminates the need to run wires in many applications
- Helps end users stay connected to their home or business whether they're across the street or half way around the world
- Works every time – signal is tested and proven to work through all building materials up to 6500 square feet
- Zero interference with other wireless devices
- Internal safeguards continuously self-check the signal so it's never lost

RedLINK™ is Reliability.



Total Connect Comfort Services

Honeywell's RedLINK Internet Gateway connects any RedLINK Comfort System to the Internet to provide your customers with Total Connect Comfort Services.

Total Connect Comfort Services provides access to remotely monitor and manage heating and cooling systems - at anytime, from anywhere - through a PC, smart phone or tablet device. And, Total Connect is supported by the exclusive RedLINK™ wireless technology from Honeywell.



RedLINK Internet Gateway with Total Connect Comfort Services

- Connects any RedLINK™ Comfort System to the Internet to provide your customers with remote access from their PC, smart phone or tablet*
- Works with any Prestige IAQ, Prestige, Wireless FocusPRO and EConnect
- Allows users to remotely monitor and control their heating and cooling systems
- No monthly fee, free app download
- View/change system settings and access multiple systems/zones
- Provides alerts via email when temperature or humidity limits are surpassed
- Upgrades automatically as new features become available



Total Connect Comfort Services

Every time your customer visits the Total Connect Comfort web portal, or accesses the app on a mobile device, they can:

- View and change your HVAC system settings
- View and set the temperature
- View indoor humidity
- View outdoor temperature and humidity
- Access multiple thermostats if your system is zoned
- Access multiple locations if more than one system is registered

*Free apps are available for Apple iPhone, iPad and iPod touch devices at time of release. Check www.mytotalconnectcomfort.com for more mobile applications coming soon



Prestige® IAQ 2.0

- Delta T Alerts and Diagnostics informs customers when their system is not operating as expected
- Selectable for Residential or Light Commercial applications
- Diagnostics that work on every brand, and every efficiency of equipment
- User Interaction Log provides a searchable history of setting changes
- Two assignable inputs, three assignable outputs
- Configurable staging options
- Complete dual-fuel and IAQ control with only two wires
- Customizable service reminders on screen
- RedLINK-enabled to work with: RedLINK Internet Gateway / Total Connect Comfort Services, Portable Comfort Control, Wireless Outdoor Air Sensor, Wireless Indoor Air Sensor, TrueSTEAM and TrueZONE Panels
- Up to 4H/2C Heat Pump & 3H/2C Conventional
- 5 year limited warranty



Prestige® 2.0

- Selectable for Residential or Light Commercial applications
- User Interaction Log provides a searchable history of setting changes
- Assignable output relays for Indoor Air Quality and staging control
- Configurable staging options
- Patented, interview-based programming and installer set-up
- USB port for installer setup options and dealer information transfer
- Customizable service reminders on screen
- Up to 3H/2C Heat Pump & 2H/2C Conventional
- 5 year limited warranty



EConnect Wireless Comfort Control System

- RedLINK™-enabled wireless thermostat for electric heat
- Brings control from the floor to the wall for optimal sensing and comfort
- Compatible with baseboards, convectors, and fan-forced heaters
- Equipment interface module powered with existing wires at the heating device
- One thermostat controls up to eight baseboards in a single room
- Works with Portable Comfort Control
- 3 year limited warranty



Wireless FocusPRO® Systems

- Connects to the Internet when used with RedLINK™ Internet Gateway
- Wireless communication to equipment with Equipment Interface Module
- Relocate a thermostat or upgrade equipment without running new wires
- RedLINK-enabled to work with the Portable Comfort Control and Wireless Outdoor Sensor
- Displays outdoor temperature and humidity
- Up to 3H/2C heat pump or up to 2H/2C conventional
- Return Air Sensor for backup protection
- 5 year limited warranty



Wireless TrueSTEAM

- Honeywell's innovative TrueSTEAM™ humidifiers are now RedLINK-enabled
- Add a Wireless Adapter to TrueSTEAM to communicate and control humidity from Prestige without running wires to the living space or Equipment Interface Module
- Communicates with the Wireless Outdoor Sensor to automatically control humidity to proper levels
- 5 year limited warranty



Wireless Zoning Systems

- TrueZONE® HZ432 or HZ322 panels are RedLINK-enabled
- Add a Wireless Adapter to communicate to a Wireless FocusPRO without running wires
- Works with the Portable Comfort Control to conveniently control every zone from one device
- Works with the Wireless Outdoor Sensor to display outdoor temperature and humidity on all RedLINK-enabled devices
- 5 year warranty



Portable Comfort Control

- Sense and control temperature from any room
- With zoning, change the temperature in any zone from one device
- Works with the Wireless Outdoor Sensor to display outdoor temperature and humidity
- Can be paged with an audible noise from any RedLINK-enabled thermostat



Wireless Outdoor Sensor

- Installs with two simple mounting screws and a touch of a button
- Includes 2 lithium batteries for reliable performance in any climate
- Wirelessly sends signal to display outdoor temperature and humidity on all RedLINK-enabled devices



Wireless Indoor Air Sensor

- Manages temperature and humidity separately
- Changes the sensing location of the thermostat
- Averages temperature for more even comfort control
- Humidifies and dehumidifies separate spaces
- Use up to six sensors per application
- Works with Prestige IAQ 2.0 and Prestige 2.0 Comfort Systems only



Prestige 2.0 Comfort Systems Selection Guide

	Model Number	Kit Includes	Stages (Dedicated Terminals)	Common Features	Wiring Terminals					
Prestige IAQ 2.0 Kits	YTHX9421R5051	Prestige IAQ 2.0 System Kit Including: Prestige IAQ 2.0 HD Thermostat, Equipment Interface Module (EIM) and two duct sensors for alerts and diagnostics.	Up to 4H/2C Heat Pump & 3H/2C Conventional (Up to 4 Cool Conventional using the universal outputs [commercial only]. Up to 2 stages of Geothermal Radiant Heat using the universal outputs).	Equipment <ul style="list-style-type: none"> Heat Pump (Geothermal & Air to Air) Forced Warm Air Hot Water Steam/Gravity Commercial <ul style="list-style-type: none"> Only allows temporary setpoint adjustments to conserve energy Initiate occupancy Display thermostat name on home screen Remote setback using an occupancy sensor Pre-occupancy purge Economizer/Time of Day 6 - Commercial Dehumidification Options 365 day Holiday Calendar (Preloaded and up to 25 custom events) Power Supply 24 VAC	RedLINK Accessories <ul style="list-style-type: none"> Displays Outdoor Temperature and Humidity <ul style="list-style-type: none"> Wireless Outdoor Air Sensor (C7089R1013) Required Temperature Control on Demand <ul style="list-style-type: none"> Portable Comfort Control (REM5000R1001) Required Remote Indoor Temperature and Humidity Sensing <ul style="list-style-type: none"> Wireless Indoor Air Sensor (C7189R1004) Required Connect to the Internet <ul style="list-style-type: none"> RedLINK Internet Gateway (THM6000R1002) Required Programming <ul style="list-style-type: none"> 7-Day, or Non-Programmable Residential Commercial Programmable Fan Vacation Hold 	Display <ul style="list-style-type: none"> HD Color Touchscreen User Interface 8 sq. in. Display Size (Viewable) On-Screen Help Backlighting - Continuous or On-Demand Simultaneous Display of Room and Set Temperatures Real-Time Clock Language Options Interview-Based Programming and Installer Setup USB Port for Uploading Logo and Preset Installer Setup 	Alerts and Diagnostics <ul style="list-style-type: none"> Universal Predictive Delta T Alerts and Diagnostics - Requires EIM Alerts Using Dry Contact Input(s) - Requires EIM Customizable Reminders (Calendar and Temperature Based) Filter, Humidifier Pad and UV Lamp Replacement Reminder User Interactions Log Alerts Log Dealer Logo On-Screen 	Control <ul style="list-style-type: none"> Fan Circulation Configurable Staging IAQ Control & Selectable Outputs Wired Sensor Inputs Permanent Memory Retention Auto or Manual Changeover Adaptive Intelligent Recovery™ Temperature Setpoint Limits Keypad Lockout Advanced Dual-Fuel Heat Pump Operation Limited Warranty 5 years	Prestige IAQ – R, C Equipment Interface Module – R, C, W-0/B, W2/AUX1, W3/AUX2, Y, Y2, G, A-L/A, U1, U1, U2, U2, U3, U3, RH, RC, R, C, S1, S1, S2, S2	
	YTHX9421R5069	Prestige IAQ 2.0 System Kit Including: Prestige IAQ 2.0 HD Thermostat, Equipment Interface Module (EIM), Wireless Outdoor Temperature Sensor and two duct sensors for alerts and diagnostics.								
	YTHX9421R5077	Prestige IAQ 2.0 System Kit Including: Prestige IAQ 2.0 HD Thermostat, Equipment Interface Module (EIM), Portable Comfort Control, Wireless Outdoor Temperature Sensor and two duct sensors for alerts and diagnostics.								
Prestige 2.0 Thermostat and Kits	THX9321R5030	Prestige 2.0 HD Thermostat.	Up to 3H/2C Heat Pump & 2H/2C Conventional (Up to 4 Cool Conventional using the universal outputs [commercial only]. Up to 3 Heat Conventional using the universal outputs. Up to 4 Heat/2 Cool Heat Pump using the universal outputs. Up to 2 stages of Geothermal Radiant Heat using the universal outputs).	Power Supply 24 VAC	Application <ul style="list-style-type: none"> Stages <ul style="list-style-type: none"> Up to 3H/2C Heat Pump or 2H/2C Conventional Gas, Oil or Electric Heat Pump Forced Warm Air Hot Water Steam/Gravity Power Method <ul style="list-style-type: none"> Equipment Interface Module - 24 VAC FocusPRO - Battery 	Solutions <ul style="list-style-type: none"> Relocate Thermostat Without Running New Wires Upgrade to Multi-stage or Add Cooling Without Running New Thermostat Wires Displays Outdoor Temperature and Humidity <ul style="list-style-type: none"> Wireless Outdoor Air Sensor (C7089R1013) Required Temperature Control on Demand <ul style="list-style-type: none"> Portable Comfort Control (REM5000R1001) Required Adjust All RedLINK Enabled Thermostats from a Single Control 	Features and Functions <ul style="list-style-type: none"> Permanent Memory Retention Selectable Auto or Manual Changeover Remote Locator Advanced Dual-Fuel Heat Pump Operation Backup Control Private Labeling Available Adaptive Intelligent Recovery Temperature Setpoint Limits 	Display Information <ul style="list-style-type: none"> 5.09 sq. in. Display Size (Viewable) On-Demand Backlighting Simultaneous Display of Room and Set Temperatures 	User Interface <ul style="list-style-type: none"> Soft Keys Limited Warranty 5 years	C, R, Rc, W-0/B, W2-Aux/E, Y, Y2, G, A-L/A, K, U1, U1, U2, U2
	YTHX9321R5079	Prestige 2.0 System Kit Including: Prestige 2.0 HD Thermostat and Wireless Outdoor Sensor.								
	YTHX9321R5061	Prestige 2.0 System Kit Including: Prestige 2.0 HD Thermostat, Portable Comfort Control and Wireless Outdoor Sensor.								

Wireless FocusPRO Systems (Non-Zoned)

Model Number	Kit Includes	Schedule Options	Common Features	Wiring Terminals									
YTH6320R1001	Programmable FocusPRO, Equipment Interface Module and Return Air Sensor	<table border="1"> <tr> <th>Program Options</th> <th>Temporary Override</th> <th>Permanent Hold</th> </tr> <tr> <td>5-1-1 / 5-2 Day</td> <td>Yes</td> <td>Yes</td> </tr> </table>	Program Options	Temporary Override	Permanent Hold	5-1-1 / 5-2 Day	Yes	Yes	Application <ul style="list-style-type: none"> Stages <ul style="list-style-type: none"> Up to 3H/2C Heat Pump or 2H/2C Conventional Gas, Oil or Electric Heat Pump Forced Warm Air Hot Water Steam/Gravity Power Method <ul style="list-style-type: none"> Equipment Interface Module - 24 VAC FocusPRO - Battery 	Features and Functions <ul style="list-style-type: none"> Permanent Memory Retention Selectable Auto or Manual Changeover Remote Locator Advanced Dual-Fuel Heat Pump Operation Backup Control Private Labeling Available Adaptive Intelligent Recovery Temperature Setpoint Limits 	Display Information <ul style="list-style-type: none"> 5.09 sq. in. Display Size (Viewable) On-Demand Backlighting Simultaneous Display of Room and Set Temperatures 	User Interface <ul style="list-style-type: none"> Soft Keys Limited Warranty 5 years	Equipment Interface Module - C, R, Rc, Rh, W-0/B, W2-Aux/E, Y, Y2, G, L, RAS, RAS
Program Options	Temporary Override	Permanent Hold											
5-1-1 / 5-2 Day	Yes	Yes											
YTH5320R1000	Non-Programmable FocusPRO, Equipment Interface Module and Return Air Sensor	N/A											

EConnect Wireless Thermostats for Electric Heat

Model Number	Common Features	Wiring Terminals
YTL9160AR1000	RedLINK Accessories <ul style="list-style-type: none"> Displays Outdoor Temperature only <ul style="list-style-type: none"> Wireless Outdoor Air Sensor (C7089R1013) Required Temperature Control on Demand <ul style="list-style-type: none"> Portable Comfort Control (REM5000R1001) Required Connect to the Internet <ul style="list-style-type: none"> RedLINK Internet Gateway (THM6000R1002) Required 	Equipment Interface Module - 3 Wire
YTA7210-AR-SPK		

Accessories

THM6000R1002 RedLINK Enabled Internet Gateway	C7189R1004 Wireless Indoor Sensor	C7089R1013 Wireless Outdoor Sensor	REM5000R1001 Portable Comfort Control	C7735A1000 Return/Discharge Air Temperature Sensor	THM5421R1013 Prestige IAQ Equipment Interface Module	YTHM5421R1002 Prestige IAQ EIM with Return/Discharge Air Temperature Sensors	THM5320R1000 Equipment Interface Module	TLM1110R1000 Honeywell Wireless Line Volt Equipment Interface Module	THM4000R1000 Wireless Adapter (for TrueZONE and TrueSTEAM)	THP045A1023 Prestige WireSaver Module

Programmable Thermostats

Honeywell programmable thermostats are the #1 choice of end users. End users appreciate the ease-of-use, accurate temperature control, energy savings and the ability to remotely monitor and control their system settings over the Internet. Contractors appreciate the reliability, easy installation and universal compatibility that lets them meet every need with just a few thermostats on the truck. And they all trust the Honeywell name, the most recognized thermostat brand in the world.

When selecting a programmable thermostat for your next job, look for these Honeywell features:

- Universal Application
- Large, Backlit, Digital Displays
- Easy-Access Battery Replacement*
- Built-In Instructions
- Real-Time Clock
- Free Private Labeling*
- Precise Temperature Control (+/- 1° F)
- Adaptive Intelligent Recovery™
- RedLINK™ Wireless Technology*
- Connects to the Internet*

* Select thermostat models only



Honeywell

Prestige® IAQ 2.0 /Prestige® 2.0 Comfort Systems

- Connects to the Internet when used with RedLINK Internet Gateway
- Delta T** Alerts and Diagnostics - Prestige IAQ 2.0
- Selectable for Residential or Light Commercial applications
- User Interaction Log provides a searchable history of setting changes
- Assignable outputs and inputs***
- Configurable staging options
- Up to 4H/2C Heat Pump & 3H/2C Conventional - Prestige IAQ 2.0
- Up to 3H/2C Heat Pump & 2H/2C Conventional - Prestige 2.0
- 5 Year Limited Warranty



EConnect Wireless Comfort Control System

- RedLINK™-enabled wireless thermostat for electric heat
- Connects to the Internet when used with RedLINK Internet Gateway
- Brings control from the floor to the wall for optimal sensing and comfort
- Compatible with baseboards, convectors, and fan-forced heaters
- EIM powered with existing wires at the heating device
- One thermostat controls up to eight baseboards in a single room
- 3 Year Limited Warranty



VisionPRO® IAQ

Total Home Comfort System

- Easy to upgrade to Multistage Equipment with only three wires
- Add Indoor Air Quality enhancements without the wall clutter

- Advanced dual fuel built-in
- Up to 4H/2C heat pump and up to 3H/2C conventional
- Smart change/check reminders
- 5 Year Limited Warranty



VisionPRO® 8000

Touchscreen 7-Day Programmable

- Effortless, menu-driven programming
- Up to 3H/2C heat pump and up to 2H/2C conventional

- Real-time clock – automatically updates for daylight savings
- Large 10-square-inch touchscreen display
- 5 Year Limited Warranty



FocusPRO® 6000

5-1-1 Day Programmable

- Wireless option connects to the Internet when used with RedLINK Internet Gateway
- Simplified programming and operation with built-in instructions
- Easy-access battery replacement
- Largest backlit display in its class

- Up to 3H/2C heat pump and up to 2H/2C conventional
- Dual-powered (battery and hardware)
- 5 Year Limited Warranty



PRO 4000

5-2 Day Programmable

- Built-in instructions
- Easy-to-read backlit, digital display

- Models available for 2H/1C heat pumps and 1H/1C applications
- Dual-powered (battery and hardware)
- 5 Year Limited Warranty



PRO 2000

5-2 Day Programmable

- Horizontal and vertical options available
- Budget price
- Basic operation

- Private-label eligible
- Models available for 2H/1C heat pumps and 1H/1C applications
- Heat Only model available
- 2 Year Limited Warranty



**All Prestige IAQ 2.0 systems come standard with a return and a discharge air temperature sensor to measure Delta T.
***Inputs available on Prestige IAQ 2.0

Programmable Thermostats



Model	Schedule Options		User Interface	Application				Power Method	On Screen Help	Interview-Based Installer and User Programming	Customizable Service Reminders	USB Port for Uploading Logo and Preset Installer Setup
	Program Options	Temporary Override	Permanent Hold	Vacation Hold	Stages	Gas, Oil or Electric	Heat Pump	Millivolt				
Prestige® IAQ 2.0 Home Comfort System*	YTHX9421R5051	7-Day	Fixed and Adjustable	• •	Touchscreen	Up to 4 Heat/ 2 Cool – Heat Pump Up to 3 Heat/2 Cool – Conventional	• • •	•	•	Hardwire 2-Wire	• • • •	
Prestige® 2.0	THX9321R5030	7-Day	Fixed and Adjustable	• •	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• • •	•	•	Hardwire	• • • •	
EConnect Wireless Comfort System	YTL9160AR1000	7-Day	Fixed and Adjustable	•	Soft Keys	1 Heat		•		100-240V		
VisionPRO® IAQ Total Home Comfort System	YTH9421C1010	7-Day	Fixed and Adjustable	• •	Touchscreen	Up to 4 Heat/ 2 Cool – Heat Pump Up to 3 Heat/2 Cool – Conventional	• •			Communicating		
VisionPRO® 8000 Touchscreen Programmable	TH8110U1003	7-Day	Fixed and Adjustable	• •	Touchscreen	1 Heat/1 Cool	• • •			Dual Powered (Battery and Hardwire)		
	TH8320U1008	7-Day	Fixed and Adjustable	• •	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• • •			Dual Powered (Battery and Hardwire)		
	TH8321U1006 with dehumidification	7-Day	Fixed and Adjustable	• •	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• • •			Dual Powered (Battery and Hardwire)		
	TH8321U1097 with dehumidification, humidification or ventilation	7-Day	Fixed and Adjustable	• •	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• • •			Dual Powered (Battery and Hardwire)		
Wireless FocusPRO® 6000 Programmable Kit*	YTH6320R1001	5-1-1/5-2	• •	•	Soft Keys	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• •			Battery		
FocusPRO® 6000 Programmable	TH6110D1005	5-1-1/5-2	• •	•	Soft Keys	1 Heat/1 Cool	• • •			Dual Powered (Battery and Hardwire)		
	TH6110D1021	5-1-1/5-2	• •	•	Soft Keys	1 Heat/1 Cool	• • •			Dual Powered (Battery and Hardwire)		
	TH6220D1002	5-1-1/5-2	• •	•	Soft Keys	Up to 2 Heat/ 1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• • •			Dual Powered (Battery and Hardwire)		
	TH6220D1028	5-1-1/5-2	• •	•	Soft Keys	Up to 2 Heat/ 1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• • •			Dual Powered (Battery and Hardwire)		
	TH6320U1000	5-1-1/5-2	• •	•	Soft Keys	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	• • •			Dual Powered (Battery and Hardwire)		
PRO 4000 Programmable	TH4110D1007	5-2	• •	•	Slide Switches	1 Heat/1 Cool	• • •			Dual Powered (Battery and Hardwire)		
	TH4210D1005	5-2	• •	•	Slide Switches	2 Heat/1 Cool – Heat Pump	•			Dual Powered (Battery and Hardwire)		
PRO 2000 Programmable	TH2110D1009 Vertical	5-2	• •	•	Slide Switches	1 Heat/1 Cool	• • •			Dual Powered (Battery and Hardwire)		
	TH2110DH1002 Horizontal	5-2	• •	•	Slide Switches	1 Heat/1 Cool	• • •			Dual Powered (Battery and Hardwire)		
	TH2210D1007 Vertical	5-2	• •	•	Slide Switches	2 Heat/1 Cool – Heat Pump	•			Dual Powered (Battery and Hardwire)		
	TH2210DH1000 Horizontal	5-2	• •	•	Slide Switches	2 Heat/1 Cool – Heat Pump	•			Dual Powered (Battery and Hardwire)		
TL8230	TL8230A1003	7-Day	• • •	•	Soft Keys	1 Heat		•		208/240V		
TL8100A1008	TL8100A1008	7-Day	• • •	•	Soft Keys	1 Heat		•		Battery		

Features and Functions																	Display Information	Service Reminders	Limited Warranty	Wiring Terminals							
Real-Time Clock (Automatically Updates Daylight Savings)	Time-of-Use Program Scheduling	Permanent Memory Retention	Selectable Auto or Manual Changerover	Adaptive Intelligent Recovery/Early Recovery	Temperature Setpoint Limits	Keypad Lockout	Programmable & Circulation Fan	Humidification Control	Dehumidification Control	Ventilation Control	Dual-Fuel Heat Pump Operation	Remote Locator	Advanced Dual-Fuel Heat-Pump Operation	Tri-Lingual Language Options	Wireless Outdoor Sensor	Wired Outdoor Sensor	Wired Indoor Sensor	Wireless Indoor Sensor	Dealer Logo On Screen	Display Size (Viewable)	On-Demand Backlighting	Continuous Backlighting	Simultaneous Display of Room and Set temperatures	Filter, Humidifier Pac, UV Lamp Replacement Reminders			
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	8 sq. in.	•	•	•	•	5 Year		Prestige IAQ – R, C Equipment Interface Module – R, C, W-0/B, W2/AUX1, W3/AUX2, Y, Y2, G, A-L/A, U1, U2, U2, U3, U3, RH, RC, R, C, S1, S1, S2, S2
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	8 sq. in.	•	•	•	•	5 Year		C, R, Rc, W-0/B, W2-Aux/E, Y, Y2, G, A-L/A, K, U1, U1, U2, U2
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	4.53 sq. in.	•	•	•	•	3 Year		L1/L, L2/N & Load, Load
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	10 sq. in.	•	•	•	•	5 Year		1, 2, 3, C, R, Rc, Rh, W1-0/B, W2-AUX, W3-AUX2, Y, Y2, G, L, HUM 1, HUM 2, DHM 1, DHM 2, VNT 1, VNT 2, OUT 1, OUT 2, IN 1, IN 2, DATS 1, DATS 2
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	10 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, Y, G, C, S1, S2
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	10 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, W2-AUX, Y, Y2, L, E, G, C, S1, S2
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	10 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, W2-AUX, Y, Y2, L, E, G, C, S1, S2
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	10 sq. in.	•	•	•	•	5 Year		R, W-0/B, W2-AUX/E, Y, Y2, L, G, C, U1, U1, S1, S2
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5.09 sq. in.	•	•	•	•	5 Year		C, R, Rc, Rh, W-0/B, W2-Aux/E, Y, Y2, G, L, RAS, RAS
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	3.75 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, Y, G, C
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5.09 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, Y, G, C
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	3.75 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, W2-AUX, Y, Y2-E, L, G, C
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5.09 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, W2-AUX, Y, Y2-E, L, G, C
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5.09 sq. in.	•	•	•	•	5 Year		R, Rc, W-0/B, W2-AUX/E, Y, Y2, G, L, C
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.73 sq. in.	•	•	•	•	5 Year		R, Rc, C, W, O, B, Y, G
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.73 sq. in.	•	•	•	•	5 Year		R, C, Y, Aux, O, B, E, G, L
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.73 sq. in.	•	•	•	•	2 Year		R, C, W, O/B, Y, G
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.73 sq. in.	•	•	•	•	2 Year		R, Rc, C, W, O, B, Y, G
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.73 sq. in.	•	•	•	•	2 Year		R, C, AUX/E, O/B, Y, G
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.73 sq. in.	•	•	•	•	2 Year		R, C, AUX/E, O, B, Y, G
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.67 sq. in.	•	•	•	•	5 Year		4-wire DPST
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.67 sq. in.	•	•	•	•	5 Year		R, W SPDT

*REM5000R1001 required **Controls dehumidification, humidification or ventilation

Non-Programmable Thermostats

Honeywell thermostats give you one brand for every application, every budget and every customer. For customers who prefer manually-controlled settings, Honeywell's full-line of non-programmable thermostats are not only easy to use, but also deliver the reliable, consistent comfort control that is synonymous with the Honeywell name.

When selecting a non-programmable thermostat for your next job, look for these Honeywell features:

- Universal Application
- Large, Backlit, Digital Displays
- Easy-Access Battery Replacement*
- FREE Private Labeling*
- Precise Temperature Control (+/- 1° F)
- RedLINK™ Wireless Technology*
- Connect to the Internet*

* Select thermostat models



Honeywell

FocusPRO® 5000

- Wireless option connects to the Internet when used with RedLINK Internet Gateway
- Easy-access battery replacement
- Largest display in its class
- Up to 3H/2C heat pump and up to 2H/2C conventional
- Dual-powered (battery and/or hardwire)
- RedLINK™ wireless enabled model available
- 5 Year Limited Warranty



PRO 3000

- Easy-to-read backlit, digital display
- Models available for 2H/1C heat pumps and 1H/1C applications
- Dual-powered (battery and /or hardwire)
- 5 Year Limited Warranty



PRO 1000

- Horizontal and vertical options available
- Budget price
- Basic operation
- Models available for 2H/1C heat pumps and 1H/1C applications
- Heat Only model available
- Private-label eligible
- 2 Year Limited Warranty



The Digital Round™

- Digital display
- One-touch backlight
- Familiar twist-to-set operation
- Available in Heat/Cool and Heat Only models
- 5 Year Limited Warranty



The Round™

- World's most-popular thermostat
- Available in Heat/Cool and Heat Only models
- Now mercury-free
- 5 Year Limited Warranty



Linevolt and Electromechanical

- Full line of non-programmable Linevolt and electromechanical thermostats



Non-Programmable Thermostat Selection Guide

	Model	Schedule Option	User Interface	Application				
				Stages	Gas, Oil or Electric	Heat Pump	Millivolt	Linevolt
Wireless FocusPRO® 5000 Non-Programmable	YTH5320R1000	Non-Prog	Soft Keys	Up to 3 Heat/2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•		
FocusPRO® 5000 Digital Non-Programmable	TH5110D1006	Non-Prog	Soft Keys	1 Heat/1 Cool	•	•	•	
	TH5110D1022	Non-Prog	Soft Keys	1 Heat/1 Cool	•	•	•	
	TH5220D1003	Non-Prog	Soft Keys	Up to 2 Heat/1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•	
	TH5220D1029	Non-Prog	Soft Keys	Up to 2 Heat/1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•	
	TH5320U1001	Non-Prog	Soft Keys	Up to 3 Heat/2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•	
PRO 3000 Non-Programmable	TH3110D1008	Non-Prog	Slide Switches	1 Heat/1 Cool	•	•	•	
	TH3210D1004	Non-Prog	Slide Switches	2Heat/1 Cool Heat Pump		•		
PRO 1000 Non-Programmable	TH1110D1000 Vertical	Non-Prog	Slide Switches	1 Heat/1 Cool	•	•	•	
	TH1110DH1003 Horizontal	Non-Prog	Slide Switches	1 Heat/1 Cool	•	•	•	
	TH1100D1001 Vertical	Non-Prog	Slide Switches	1 Heat	•		•	
	TH1100DH1004 Horizontal	Non-Prog	Slide Switches	1 Heat	•		•	
	TH1210D1008 Vertical	Non-Prog	Slide Switches	2 Heat/1 Cool Heat Pump			•	
	TH1210DH1001 Horizontal	Non-Prog	Slide Switches	2 Heat/1 Cool Heat Pump			•	
The Digital Round™	T8775A1009	Non-Prog	Dial	1 Heat	•*			
	T8775C1005	Non-Prog	Dial	1 Heat/1 Cool	•	•		
The Round™	T87K1007	Non-Prog	Dial	1 Heat	•*			
	T87N1000	Non-Prog	Dial	1 Heat/1 Cool	•	•		
	T87N1026	Non-Prog	Easy-To-See™	1 Heat/1 Cool	•	•		
T834N1002 Vertical	T834N1002 Vertical	Non-Prog	Slide Switches and Lever	1 Heat/1 Cool	•	•		
	T8034N1007 Horizontal	Non-Prog	Slide Switches and Lever	1 Heat/1 Cool	•	•		
T822K1000	T822K1000	Non-Prog	Slide Switches and Lever	1 Heat	•*			
	T822K1018	Non-Prog	Slide Switches and Lever	1 Heat	•*			
	T827K1009	Non-Prog	Slide Switches and Lever	1 Heat			•	
TL7235A1003	TL7235A1003	Non-Prog	Horizontal Lays	1 Heat				•
TL7230A1004	TL7230A1004	Non-Prog	Dial	1 Heat				•
T410/ T4398	T410/ T4398	Non-Prog	Dial	1 Heat				•

*Gas or Oil heat only **With C7089R1013 Wireless Outdoor Sensor ***REM5000R1001 Required

Power Method	Features and Functions							Display Information			Limited Warranty	Wiring Terminals
	Permanent Memory Retention	Selectable Auto or Manual Changeover	Advanced Dual Fuel Heat Pump operation	Comfort/Economy Mode	Temperature Setpoint Limits	Low Temperature Range	Remote Locator	Display Size (Viewable)	On-Demand Backlighting	Simultaneous Display of Room and Set Temperatures		
Battery	•	•	•**	•	•		•***	5.09 sq. in.	•	•	5 Year	C, R, Rc, Rh, W-O/B, W2-AUX/E, Y, Y2, G, L, RAS, RAS
Dual Powered (Battery and Hardwire)	•	•			•			1.95 sq. in.	•	•	5 Year	R, Rc, W-O/B, Y, G, C
Dual Powered (Battery and Hardwire)	•	•			•			2.98 sq. in.	•	•	5 Year	R, Rc, W-O/B, Y, G, C
Dual Powered (Battery and Hardwire)	•	•		•	•			3.75 sq. in.	•	•	5 Year	R, Rc, W-O/B, AUX-W2, Y, Y2-E, L, G, C
Dual Powered (Battery and Hardwire)	•	•		•	•			5.09 sq. in.	•	•	5 Year	R, Rc, W-O/B, AUX-W2, Y, Y2-E, L, G, C
Dual Powered (Battery and Hardwire)	•	•		•	•			5.09 sq. in.	•	•	5 Year	R, Rc, W-O/B, W2-AUX/E, Y, Y2, G, L, C
Dual Powered (Battery and Hardwire)	•	Manual						1.32 sq. in.	•	•	5 Year	R, Rc, C, W, O, B, Y, G
Dual Powered (Battery and Hardwire)	•	Manual						1.32 sq. in.	•	•	5 Year	R, C, Y, Aux, O, B, E, G, L
Dual Powered (Battery and Hardwire)	•	Manual						1.0 sq. in.	•		2 Year	R, C, W, O/B, Y, G
Dual Powered (Battery and Hardwire)	•	Manual						1.0 sq. in.	•		2 Year	R, Rc, C, W, Y, G, O, B
Dual Powered (Battery and Hardwire)	•	Manual				•		1.0 sq. in.	•		2 Year	R, C, W
Dual Powered (Battery and Hardwire)	•	Manual				•		1.0 sq. in.	•		2 Year	R, C, W
Dual Powered (Battery and Hardwire)	•	Manual						1.0 sq. in.	•		2 Year	R, C, AUX/E, O/B, Y, G
Dual Powered (Battery and Hardwire)	•	Manual						1.0 sq. in.	•		2 Year	R, C, AUX/E, O, B, Y, G
Power Stealing	•							.75 sq. in.	•		5 Year	R, W
Power Stealing	•	Manual						.75 sq. in.	•		5 Year	R, Rc, W, O, B, Y, G
Battery Assisted Power Stealing						50010944-001		N/A		•	5 Year	R, W
Battery Assisted Power Stealing		Manual				50010944-001		N/A		•	5 Year	R, Rc, W, Y, G, O, B
Battery Assisted Power Stealing		Manual				50010944-001		N/A		•	5 Year	R, Rc, W, Y, G, O, B
Mechanical		Manual				50019661-001		N/A			5 Year	R, Rc, W, Y, G, O, B
Mechanical		Manual				50019661-001		N/A			5 Year	R, Rc, W, Y, G, O, B
Mechanical		Positive Off				50019661-001		N/A			5 Year	R, W
Mechanical		Positive Off				50019661-001		N/A			5 Year	R, W
208/240 V								2.67 sq. in.	•		5 Year	4 wire DPST
208/240 V								N/A			5 Year	DPST
120/208/240/277 V								N/A				SPST or DPST

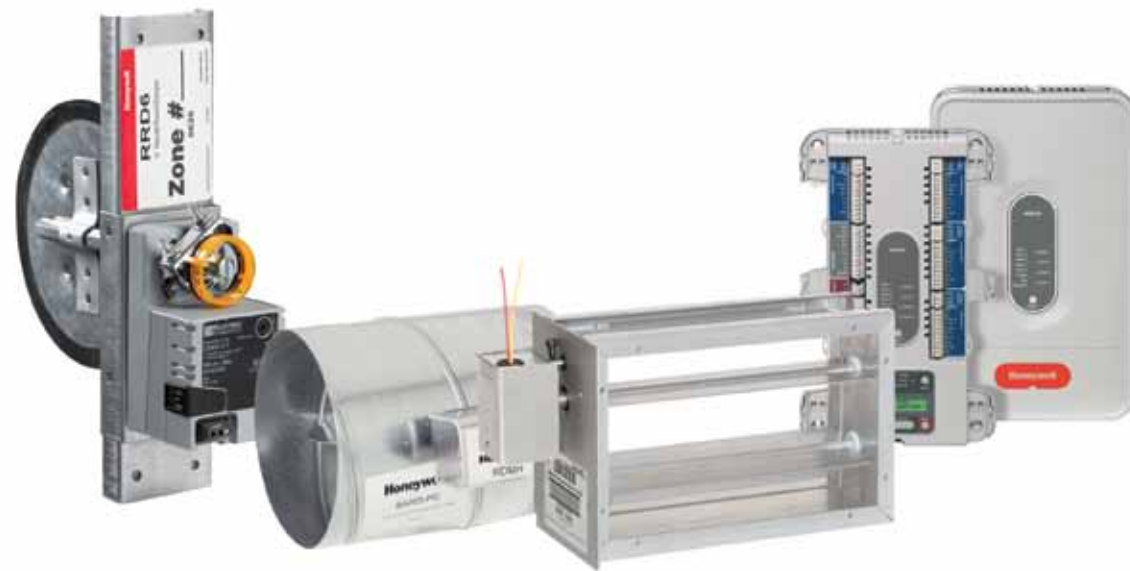
* Gas or oil heat only.

Zoning Systems

Honeywell developed its first residential temperature zoning systems in 1945. Since then, the market for individual room temperature control has continued to grow, and so has Honeywell's leadership position in the category. For applications from 2 zones to 32 zones, and for products from panels and dampers to complete system kits, Honeywell is your single-source solution for zoning.

When selecting a Zoning System for your next job, look for these Honeywell features:

- Standardized Checkout Procedure
- Robust Push Terminals
- Common-Sense LEDs
- Universal Application
- Clean, Professional Installation
- Smaller Footprint
- Variable-Speed Fan Control
- Discharge Temperature (DATS) Staging
- Advanced Dual-Fuel Operation
- Select Models Enabled with RedLINK™ Wireless Technology



Honeywell

HZ432

TrueZONE® Panel

- Works with virtually any equipment brand of conventional, heat pump or dual fuel up to 3H/2C
- Up to 4 zones wired or wireless (expandable up to 32 zones wired with addition of TAZ-4 panels)
- Push-in terminal blocks, color-coded labels and flexible wire routing can cut installation time in half
- Illuminated LEDs visually verify heat/cool and stage of equipment
- Easy-to-read digital display guides installer through patented system setup and checkout program
- RedLINK™ wireless-enabled
- 5 Year Warranty



HZ322

TrueZONE® Panel

- Controls conventional equipment up to 2H/2C and heat pumps up to 2H/1C
- Controls up to three zones
- Intuitive installer setup — easy-to-follow, digital display uses real language to guide installer through four easy steps
- Robust push terminals
- Common-sense LEDs
- RedLINK™ wireless-enabled
- 5 Year Warranty



HZ311

TrueZONE® Panel

- Controls single-stage, conventional equipment
- Controls up to three zones
- Use virtually any four-wire thermostat
- Easy to wire with push-in terminals with easy to read, color-coded labels
- 5 Year Warranty



HZ221 Panel

TrueZONE® Panel

- Controls heat pumps with auxiliary back up heat
- Controls two zones
- Use with heat pump thermostats
- Robust Push Terminals
- Common-Sense LEDs
- Variable-Speed Fan Control
- 5 Year Warranty



ZD, ARD, RRD, SPRD and Bypass Dampers

- Wide variety of round and rectangular sizes
- Rugged gear construction and riveted for extra strength
- Built with a gasket to ensure a proper damper seal
- Adjustable minimum and maximum position stops
- Built with gears containing DuPont® Kevlar™ fiber, doubling actuator wear life
- 5 Year Warranty



Wireless Zoning Systems Selection Guide

Kit Includes:	Solutions					Schedule Options			User Interface	Application	Power Method	Features and Functions				Display Information			Limited Warranty	Wiring Terminals			
	Relocate Thermostat Without Running New Wires	Upgrade to Multi-stage or Add Cooling Without Running New Thermostat Wires	Add to a TrueZONE System Without Running New Thermostat Wires	Displays Outdoor Temperature and Humidity	Add Dual Fuel Control Without Running Wires To Outdoor Sensor	Program Options	ENERGY STAR*	Temporary Override	Permanent Hold	Stages	Gas, Oil or Electric	Heat Pump	Forecast Warm Air	Permanent Memory Retention	Selectable Auto or Manual Changeover	Adaptive Intelligent Recovery "Early Start"	Temperature Setpoint Limits	Remote Locator	Display Size (Viewable sq. in.)	On-Demand Backlighting	Simultaneous Display of Room and Set Temperatures	Private Labeling Available	
Programmable FocusPRO and Wireless Adapter	•	•	•	•*	•**	5-1-1/ 5-2/Day	•	•	•	Soft Keys	Up to 3H/2C Heat Pump or 2H/2C Conventional	•	•	•	•	•	•	5.09	•	•	•	5 years	Wireless Adapter - A, B, C, D
Non-Programmable FocusPRO and Wireless Adapter	•	•	•	•*	•**					Soft Keys	Up to 3H/2C Heat Pump or 2H/2C Conventional	•	•	•	•	•	•	5.09	•	•	•	5 years	Wireless Adapter - A, B, C, D

Conventional and Networked Zoning System Selection Guide

Zone Control Panels and Kits	Model	Application		Installation						Function			Cross-Reference						Zone Dampers																						
	System Type	Number of Zones	Expansion Capacity	Includes	Terminals	Installer Setup	Standardized Menu Driven Checkout Procedure	Operating Temperatures	Wire Channels	Color Coded Labeling	Zip Tie Anchor Mounts	24V Power	SP Dual Fuel	Variable Speed Fan Control	Communicating	Zone of Greatest Demand Intelligence	Stage Control	Auto Re-Setting Circuit Breaker	Discharge Temperature Displayed	Compatible with RedLINK™ Wireless Controls	Footprint	Covered Electronics	Limited Warranty	ECW	ZoneFirst	APM Aire	Aze1	Application	Actuation	Number of Wires	Range Stops	Voltage	VA	Motor Timing	Sizes	Limited Warranty	EMC	ZoneFirst	April Aire		
	HZ432	3 Heat / 2 Cool Conventional 3 Heat / 2 Cool Heat Pump 2 Heat / 2 Cool Dual Fuel	4	Up to 32 Zones	HZ432 TrueZONE Panel	Push Terminals, 2 Wires Per Terminal	Digital Menu	•	-40 - 165 F	•	•	•	•	•	•	•	Thermostat, Timer, or % of zones calling	Per Zone	•	•	8" X 13.5"	Yes	5 Year	ST-2, ST-3, UZC, BMPlus, NCM-300	MMZ3, MMH3, MZS4	6202, 6203, 6302, 6303, 6404	200 Series, Heat PumPRO, AirBoss	ARD	Supply Damper	Spring Return Open (Reversible)	2	Yes	24 V	6 VA	30 seconds closed / 10 seconds spring return open	5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20	5 years	RSD	RDS	6500 Series, 6600 Series	
	HZ432K	3 Heat / 2 Cool Conventional 3 Heat / 2 Cool Heat Pump 2 Heat / 2 Cool Dual Fuel	4	Up to 32 Zones	HZ432 TrueZONE Panel, C7735 Discharge Air Temperature Sensor (DATS), AT140 Transformer	Push Terminals, 2 Wires Per Terminal	Digital Menu	•	-40 - 165 F	•	•	•	•	•	•	•	Thermostat, Timer, or % of zones calling	Per Zone	•	•	8" X 13.5"	Yes	5 Year	ST-2, ST-3, UZC, BMPlus, NCM-300	MMZ3, MMH3, MZS4	6202, 6203, 6302, 6303, 6404	200 Series, Heat PumPRO, AirBoss	EARD	Supply / Ventilation Damper	Spring Return Closed (Reversible)	2	Yes	24 V	6 VA	30 seconds open / 10 seconds spring return closed	5, 6, 7, 8	5 years	RSD	RDS	6500 Series, 6600 Series	
	HZ322	2 Heat / 2 Cool Conventional 2 Heat / 1 Cool Heat Pump	3	No	HZ322 TrueZONE Panel	Push Terminals, 2 Wires Per Terminal	Digital Menu	•	-40 - 165 F	•	•	•	•	•	•	Thermostat, Timer, or % of zones calling	Per Zone	•	•	8" X 11.5"	•	5 Year	ST-2, ST-3, BMPlus	MMZ3, MMH3	6202, 6203, 6302, 6303	200 Series, Heat PumPro	ZD	Supply Damper	Spring Return Open	2	Yes	24 V	6 VA	30 seconds closed / 10 seconds spring return open	6X6 to 28X20	5 years	ND-RSD	ZD	6700 Series, 6800 Series		
	HZ322K	2 Heat / 2 Cool Conventional 2 Heat / 1 Cool Heat Pump	3	No	HZ322 TrueZONE Panel, C7735 Discharge Air Temperature Sensor (DATS), AT140 Transformer	Push Terminals, 2 Wires Per Terminal	Digital Menu	•	-40 - 165 F	•	•	•	•	•	•	Thermostat, Timer, or % of zones calling	Per Zone	•	•	8" X 11.5"	•	5 Year	ST-2, ST-3, BMPlus	MMZ3, MMH3	6202, 6203, 6302, 6303	200 Series, Heat PumPro	RRD	Supply Damper	Power Open / Power Closed	3	Yes	24 V	2.5 VA	90 seconds	5, 6, 7, 8	5 years	SID		6706		
	HZ311	1 Heat/1 Cool Conventional	3	No	HZ311 TrueZONE Panel	Push Terminals, 2 Wires Per Terminal	None	•	-40 - 165 F	•	•	•	•	•	•	NA	Per Zone	•	•	8" X 8.25"	•	5 Year	ST-2, ST-3	MMZ3	6202, 6203		MARD	Supply / Bypass Damper	Power Open / Power Closed	3	Yes	24 V	2.1 VA	90 seconds	6, 8, 10, 12, 14, 16, 18	5 years	URD	RDM	6200 Series		
	HZ311K	1 Heat/1 Cool Conventional	3	No	HZ311 TrueZONE Panel, C7735 Discharge Air Temperature Sensor (DATS), AT140 Transformer	Push Terminals, 2 Wires Per Terminal	None	•	-40 - 165 F	•	•	•	•	•	•	NA	Per Zone	•	•	8" X 8.25"	•	5 Year	ST-2, ST-3	MMZ3	6202, 6203			Bypass Damper	Weighted Arm	0	No	NA	NA	NA	7, 8, 10, 12, 14, 16	5 years	PRD, PRD-RD	SPRD	6900 Series		
	HZ221	2 Heat/1 Cool Heat Pump with Auxiliary	2	No	HZ221 TrueZONE Panel	Push Terminals, 2 Wires Per Terminal	None	•	-40 - 165 F	•	•	•	•	•	•	NA	Per Zone	•	•	8" X 8.25"	•	5 Year																			
	HZ221K	2 Heat/1 Cool Heat Pump with Auxiliary	2	No	HZ221 TrueZONE Panel, C7735 Discharge Air Temperature Sensor (DATS), AT140 Transformer	Push Terminals, 2 Wires Per Terminal	None	•	-40 - 165 F	•	•	•	•	•	•	NA	Per Zone	•	•	8" X 8.25"	•	5 Year																			

* C7089R1013 Required ** REM5000R1001 Required

Whole-House Air Cleaners

Honeywell introduced its first Electronic Air Cleaner 50 years ago — and our history of performance and reliability have made us the preferred consumer brand ever since. Our complete portfolio of product solutions includes Electronically-Enhanced Media Air Cleaners, High-Efficiency Electronic Air Cleaners, Media Air Cleaners, Return Grille Media and Media Replacement Filters. Honeywell's complete line of Filtration Solutions allows you to customize your offering to meet your customer's needs.

When selecting an Air Cleaning solution for your next job, look for these Honeywell features:

- Advanced 3-Step Filtration Technology*
- Easy to Maintain
- Universal Application
- Both Washable and Replaceable Filtration Solutions
- Sizes Designed to Fit Any Application
- Customizable Labels
- Quiet Operation
- 5-Year Limited Warranty

* Select models only.



Honeywell

TrueCLEAN™

Enhanced Whole-House Air Cleaners

- Best of media and electronic
- Advanced 3-step filtration technology that charges, captures and destroys particles
- MERV 15 efficiency rating
- Easy maintenance and quiet operation for reduced callbacks
- Trade-only replacement filters for recurring replacement revenue
- 5 Year Warranty



F300

Whole-House Electronic Air Cleaner

- Self-regulating power supply maintains high efficiency as the air cleaner loads
- Washable filter for the lowest annual cost of operation.
- MERV equivalent 12 to 15* efficiency rating
- Optional anti-microbial postfilter to increase efficiency and provide replacement opportunity
- Also available in a Return Grille Model (F52)
- 5 Year Warranty



F200

Whole-House Media Air Cleaner

- Captures up to two times more of the smallest airborne particles passing through the filter than the F100 Media Air Cleaner
- Pressure sensor in door indicates pressure drop and transmits to wireless receiver
- MERV 13 efficiency rating
- 5 Year Warranty



F100

Whole-House Media Air Cleaner

- Up to 14 times more effective than a standard one-inch filter, capturing up to 96% of airborne particles*
- Lasts up to four times longer than a standard one-inch furnace filter. Replace every 6-12 months versus monthly or quarterly changes.
- Six space-saving sizes to fit any application
- Merv 11 efficiency rating
- 5 Year Warranty



FC40R and FC20R

Return Grille Media Air Filters

- MERV 8 (FC20R) and MERV 10 (FC40R) efficiency ratings
- Captures up to 37 times more airborne particles passing through the filter than a standard 1" filter
- 18 sizes to fit most return grille applications
- Provides four inches of filtration in a one-inch grille, with three times the life of a standard one-inch filter
- Limited Warranty



Replacement Filters

- Both cartridge and PopUP™ collapsible models
- High-efficiency and low pressure drop solutions
- Sizes that fit Honeywell and competitive units
- MERV 11 (PopUP filter) efficiency rating



* Based on a third-party testing.

Image	Model	Type	OS#	Size	Application	Features and Functions					Warranty									
						Rated Airflow	Electric Rating	Efficiency (MERV not applicable to electronic air cleaners)	Initial Pressure Drop at Rated airflow	Replacement Filter/Postfilter		Maintenance Cycle								
	FH8000	Enhanced	FH8000F1625	16x25	Inline Air Filtration	1600 CFM	120V	MERV 15 at 492 FPM 0.3 to 1.0 microns=90% 1.0 to 3.0 microns=96% 3.0 to 10.0 microns=98%	0.22 - 0.25 in. w.c..	FR8000F1625	Replace filter = up to 1 year	5 Year								
			FH8000F2025	20 x 25		2000 CFM				FR8000F2025										
			FH8000A1620	16x20		1350 CFM				FR8000A1620										
			FH8000A2020	20x20		1800 CFM				FR8000A2020										
			FH8000A2520	25x20		2000 CFM				FR8000A2520										
	F300E	Electronic	F300E1001	16X20	Inline air filtration	1200 CFM	120V	Initial efficiency at 295 FPM 0.3 to 1.0 microns=91% 1.0 to 3.0 microns=98% 3.0 to 10.0 microns=100%	0.05 in. w.c. at 295 FPM	50000293-001	Vacuum prefilter = up to 6 months Wash cells = up to 1 year Replace postfilter = 6 months	5 Year								
			F300E1019	16X25		1400 CFM				50000293-002										
			F300E1027	20X20		1400 CFM				50000293-003										
			F300E1035	20X25		2000 CFM				50000293-004										
	F300A,B	Electronic	Inline air filtration	F300A1620	16X20	1200 CFM	120V	Initial efficiency at 492 FPM 0.3 to 1.0 microns=78% 1.0 to 3.0 microns=92% 3.0 to 10.0 microns=97%	0.15 in. w.c. at 492 FPM	50000293-001	Vacuum prefilter = up to 6 months Wash cells = up to 1 year	5 Year								
				F300A1625	16X25	1400 CFM				50000293-002										
				F300A2020	20X20	1400 CFM				50000293-003										
				F300A2025	20X25	2000 CFM				50000293-004										
				F300A2012	20X12.5	1000 CFM				50000293-004										
				F300B2012	20X12.5	1000 CFM				50000293-004										
				F52F	Electronic Return Grille	Central return grille				F52F1048			20X12.5	1000 CFM	120V	0.3 to 1.0 microns=73% 1.0 to 3.0 microns=88% 3.0 to 10.0 microns=95%	0.2 in. w.c.	50000293-001	Vacuum prefilter = up to 6 months Wash cells = up to 1 year	5 Year
										F52F1055			20X25	2000 CFM				50000293-004		
	F200E	Media	F200E1003	16X20	Inline air filtration	1200 CFM	120V	MERV 13 at 492 FPM 0.3 to 1.0 microns=63% 1.0 to 3.0 microns=90% 3.0 to 10.0 microns=97%	0.3 in. w.c.	FC200E1003	Replace filter = up to 1 year	5 Year								
			F200E1011	16X25		1400 CFM				FC200E1011										
			F200E1029	20X20		1400 CFM				FC200E1029										
			F200E1037	20X25		2000 CFM				FC200E1037										
	F100F	Media	F100F2028	16X20	Inline air filtration	1200 CFM	120V	MERV 11 at 492 FPM 0.3 to 1.0 microns=32% 1.0 to 3.0 microns=72% 3.0 to 10.0 microns=96%	0.23 in. w.c.	FC100A1003	Replace filter = up to 1 year	5 Year								
			F100F2002	16X25		1400 CFM				FC100A1029										
			F100F2036	20X20		1400 CFM				FC100A1011										
			F100F2010	20X25		2000 CFM				FC100A1037										
			F100F2044	25X20		2000 CFM				FC100A1037										
			F100F2051	25X22		2000 CFM				FC100A1037										

Here's How They Work:

TrueCLEAN Enhanced Air Cleaners use an advanced 3-step filtration technology to deliver cleaner air by taking a high-airflow media filter and enhancing it with electronic technology. The result is a MERV 15* efficiency that actually improves over time.

Charge. Capture. Destroy. That's the basis of the three-step process that TrueCLEAN uses to capture and deactivate up to 99%** of airborne particles and contaminants passing through the system. Here's how it works.

Step 1: Charge

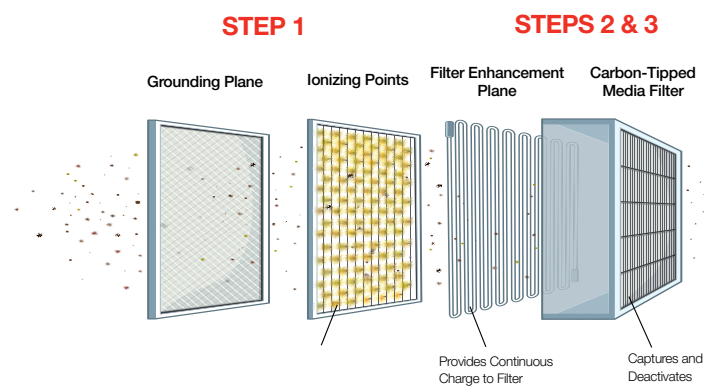
Particles enter the TrueCLEAN system through an array of ionizing points, where they become electrically charged. The unique design charges all particles evenly.

Step 2: Capture

Next, particles travel into the media filter, where they're captured in the media fibers. A continuous charge ensures dirt is loaded 360 degrees around the filter fibers — not just on the face of the filter. This process captures more particles than a standard media filter and helps the filter last longer.

Step 3: Destroy

Once particles are captured, the charging strips on opposite sides of the carbon-tipped media filter continue to charge and deactivate particles. Particles are trapped and destroyed inside the filter, with deactivation rates of captured particles exceeding 99%**.

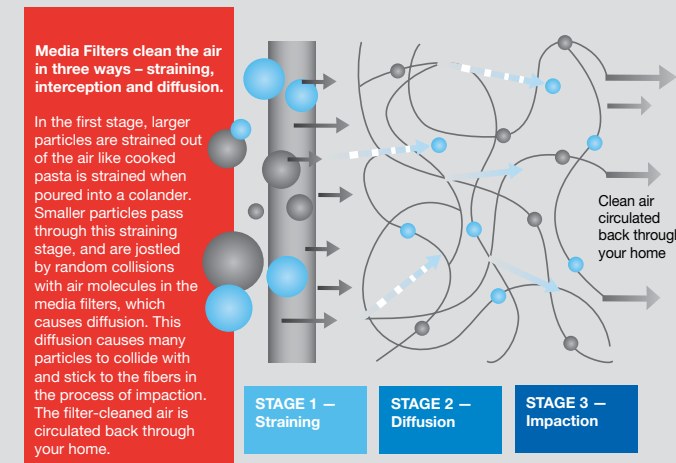


*ASHRAE 52.2 test of 0.3 to 10.0 micron particles performed at 492 FPM.

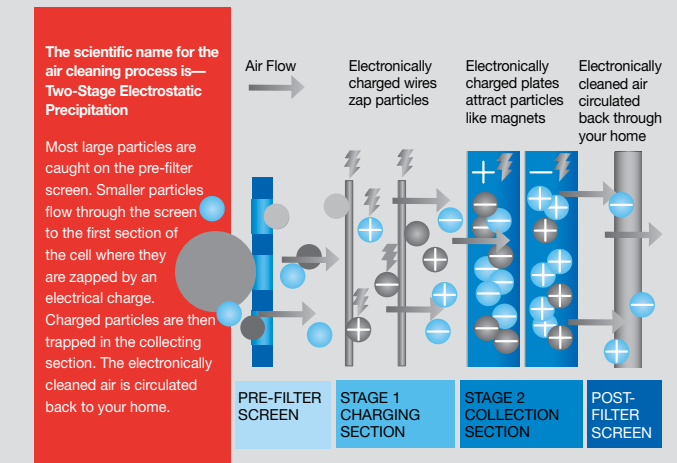
**99% deactivation rate of captured particles passing through the system only when air cleaner is powered and system fan is running. Testing performed at third party labs on certain virus and bacteria applied to filter disks and then exposed to an electric field. Tested virus show a reduction of virus numbers of greater than 99% by 8 hours of exposure. Tested bacteria show a reduction of bacteria numbers of greater than 99% by 24 hours. Organisms tested: human and avian influenza virus, human cold virus surrogate, and others.

***ASHRAE 52.2 test of 3.0 to 10.0 micron particles performed at 295 FPM.

Media Filters, which filter the air using webs of polypropylene fibers. Honeywell offers several media air cleaners and replacement filters, including space and time saving products like the PopUP™ media replacement filter.



Electronic Air Cleaners, which electrically charge and collect airborne particles on a collection grid. The Honeywell F300 EAC captures up to 98%*** of airborne particles passing through the product. The design of the F300's collection grid section offers the most surface area available for collecting these charged particles. The F300 power supply also increases voltage based on the amount of particles collected on these plates, so that efficiency over time stays high; an important aspect in EAC selection.



Replacement Filter Selection Guide

Honeywell replacement filters come in a wide variety of sizes and styles to fit nearly every application. For long-lasting, high-efficiency performance that doesn't compromise airflow, advise your customers to stick with quality Honeywell filters.








What is MERV?

At its most basic, MERV (Minimum Efficiency Reporting Value) is a measure of filter efficiency. The MERV value takes information on the efficiency of the filter against a range of particles from coarse (such as pollens) to fine (such as smoke), then boils it down into one easy-to-understand number. The MERV number can be used to compare filters made by different manufacturers as long as testing conditions, such as air speed, are the same.

Filter Category	Airborne Contaminants Targeted*	Equipment Protection	Air Treatment Level
MERV 1 to 4 Coarse fiber filter	Pollen Airborne dust mite debris Carpet and clothing fibers	Minimal	-
MERV 5 to 8 Standard household filter	The above plus: Mold Plant Spores	Basic	Basic
MERV 9 to 12 Premiere household filter	The above plus: Auto emissions Airborne lead dust Airborne coal dust	Better	Improved
MERV 13 to 16 Hospital grade	The above plus: Certain bacteria Tobacco smoke Sneeze particles Cooking oil	Varies**	Superior

* From Cross-Reference and Application Guidelines (Table E-1, ASHRAE Standard 52.2).

**Higher efficiency filters can restrict airflow more than basic filters. Honeywell TrueCLEAN offers superior air treatment with good air flow.

	Model	OS#	Size	Fits					Features and Functions			
				FH8000	F100	F200	Aprilaire®	Perfect Fit™	Rated Airflow	Efficiency	Initial Pressure Drop at Rated Airflow	Maintenance Cycle
Cartridge												
	FR8000	FR8000F1625	16x25	•					1600 CFM	MERV 15	0.25 in w.c.	Replace Filter every 6 to 12 months
		FR8000F2025	20x25	•				2000 CFM	0.25 in w.c.			
		FR8000A1620	16x20	•				1350 CFM	0.22 in w.c.			
		FR8000A2020	20x20	•				1800 CFM	0.25 in w.c.			
		FR8000A2520	25x20	•				2000 CFM	0.22 in w.c.			
	FC200	FC200E1003	16x20x4		•	•			1200 CFM	MERV 13	0.31 in. wc	Replace filter every 6 to 12 months
		FC200E1029	16x25x4		•	•		1400 CFM				
		FC200E1011	20x20x4		•	•		1400 CFM				
		FC200E1037	20x25x4		•	•	•	2000 CFM				
	FC100	FC100A1003	16x20x4		•	•			1200 CFM	MERV 11	0.24 in.wc	Replace filter every 6 to 12 months
		FC100A1029	16x25x4		•	•		1400 CFM				
		FC100A1011	20x20x4		•	•		1400 CFM				
		FC100A1037	20x25x4		•	•	•	2000 CFM				
		FC100A1052	20x12.5x4					1000 CFM				
		FC100A1045	21.5x27.5x4				F27F1032 F27F1057	2000 CFM				
PopUP™												
	POPUP	POPUP1620	16x20x5		•	•			1200 CFM	MERV 11	0.24 in. wc	Replace filter every 6 to 12 months
		POPUP1625	16x25x5		•	•		1400 CFM				
		POPUP2020	20x20x5		•	•		1400 CFM				
		POPUP2025	20x25x5		•	•		2000 CFM				
		POPUP2200	20x25x5				•	2000 CFM				
		POPUP2400	16x28x5				•	2000 CFM				
Perfect Fit™												
	TRN	TRN1427T1	14.5x27x5					•	1400 CFM	MERV 10	0.17 in. wc	Replace filter every 6 to 12 months
		TRN1727T1	17.5x27x5					•	1600 CFM			
		TRN2121T1	21.5x21x5					•	1600 CFM			
		TRN2127 T1	21x27x5					•	2000 CFM			
		TRN2321T1	23.5x21.5					•	1800 CFM			
		TRN2427T1	24x27x5					•	2500 CFM			
		TRN2621T1	26x21x5					•	2000 CFM			
Return Grille												
	FC40	FC40R1094	12x12x4	Replaces 1 inch filters in filter grilles					500 CFM	MERV 10	0.12 in. wc at 2 cfm per sq. in.	Replace filter every 6 to 12 months
		FC40R1037	12x24x4						1000 CFM			
		FC40R1102	14x14x4						680 CFM			
		FC40R1110	14x20x4						972 CFM			
		FC40R1128	14x24x4						1167 CFM			
		FC40R1045	14x25x4						1215 CFM			
		FC40R1169	14x30x4						1458 CFM			
		FC40R1052	16x20x4						1111 CFM			
		FC40R1060	16x25x4						1389 CFM			
		FC40R1136	18x24x4						1500 CFM			
		FC40R1185	18x18x4						1125 CFM			
		FC40R1830	18x30x4						1875 CFM			
		FC40R1003	20x20x4						1389 CFM			
		FC40R1144	20x24x4						1667 CFM			
		FC40R1011	20x25x4						1736 CFM			
		FC40R1029	20x30x4						2083 CFM			
		FC40R1078	24x24x4						2000 CFM			
		FC40R1177	24x30x4						2500 CFM			
	FC20	FC20R1625	16x25x2	Replaces 1 inch filters in filter grilles					1389 CFM	MERV 8	0.18 in. wc at 2 cfm per sq. in.	Replace filter every 3 to 6 months
		FC20R2020	20x20x2						1389 CFM			
		FC20R2025	20x25x2						1736 CFM			
		FC20R2030	20x30x2						2083 CFM			

Aprilaire® is a registered trademark of Research Product Corporation and Perfect Fit™ is a registered trademark of Trane and American Standard Companies. Honeywell is not affiliated in any way with Research Product Corporation or Trane and American Standard Companies.

Whole-House Humidifiers

Honeywell offers an extensive line of Whole-House Humidifiers, including steam, fan-powered and evaporative pad models, as well as quality service replacement parts and replacement pads.

When selecting a Whole-House Humidifier for your next job, look for these Honeywell features:

- Clean, Professional Installation
- Water and Energy Savings*
- Quiet Operation
- Simplified Wiring*
- Common-Sense User Interface*
- Easy Maintenance
- Enabled with RedLINK Wireless technology*
- Algon™ Anti-Microbial Pads*
- Private Labeling
- Quick-Connect Plumbing*
- PerfectFLO™ Water Distribution*
- 5-Year Warranty



* Select models only.

Replacement Parts

- In-line scale and sediment water filter — requires no compression fittings to plumb inline
- AgION™ anti-microbial pads — prohibits growth of mold, bacteria and algae
 - Sizes that fit both Honeywell and competitive models
- Reverse Osmosis Filtration System — removes dissolved minerals in an advanced staged filtration process resulting in softened water.



Honeywell

TrueSTEAM™ Humidification System

- Highest ratio of humidity output to water efficiency
- Available in three sizes to fit nearly every application
- 1:1 humidification delivery rate — operates independent of HVAC equipment
- Mounts in minutes — requires minimal cutting and mounts on separate light weight bracket
- Application flexibility — can be remotely mounted up to 20 feet from system
- Eco-friendly — uses up to 70% less water than flow-through designs
- RedLINK™-enabled for wireless control via Prestige®
- 5 Year Warranty



HE300

TrueEASE™ Advanced Fan-Powered Humidifier

- Up to 50% water savings (up to 10,000 gallons per year saved)
- Quietest residential fan humidifier on the market (more than 20 dB quieter than competitive residential fan humidifiers)
- Fast installation for labor and time savings
- Up to 18 gallons per day
- Common sense interface
- User-friendly pad access from the front of the unit
- Quick connect plumbing
- 5 Year Warranty



HE100 and HE200 Series

TrueEASE™ Basic Bypass Humidifiers

- Fast installation via external mounting screws and interchangeable bypass for labor and time savings
- User Friendly Pad Access
- 12 or 17 gallons per day
- Familiar footprint
- Quick connect plumbing
- PerfectFLO Water Distribution tray
- 5 Year Warranty



HE150 and HE250 Series

TrueEASE™ Advanced Bypass Humidifiers

- Same features as HE100/HE200 plus,
- Up to 30% water savings (up to 5,500 gallons per year saved)
- Powered damper that opens and close on call for humidity for energy savings
- Common sense LED based user interface
- 5 Year Warranty



TrueIAQ®





Indoor Air Quality Control

- Intuitive digital display
- Integrated IAQ equipment control that manages humidification, dehumidification, ventilation and bathroom fans from a central point in your home
- Advanced temperature and humidity sensing — simultaneously displays both indoor and outdoor temperature and humidity levels on-screen; automatically adjusts indoor comfort based on outdoor conditions
- Part number: DG115EZIAQ
- 5 Year Warranty



Whole-House Humidifier Selection Guide



	Model	Type	Features and Functions																			Cross Reference						
			Gallons Per Day (GPD) Liters Per Day (LPD)	GDP Requires Plenum Air Temperature Of 120° F	Gallons Humidity Delivered: Gallons Water Wasted	Square Footage Covered (up to)	Warranty (years)	User Friendly Pad Access	Interchangeable Bypass	User Friendly Mounting	PerfectFLO Distribution Tray	Quick Connect plumbing	Integrated Damper	Automatic Damper (Energy Savings)	LED User Interface	Humidity on Demand	RedLINK™ Enabled	Remote Mount Capability	Humidity When Furnace is On	Frost Protection	UV Corrosion Protection	AgION Anti-Microbial Pads	Reverse Osmosis (RO) Filtration Kit	VisionPRO IAQ Total Comfort System	H8908 Manual Control	Apriliaire®	GeneralAire®	
Steam Humidification																												
 <p>TrueSTEAM™</p>	HM512VPIAQ	Steam	12GPD	NO	1:1	3,000	5				•	•		•	•	•	•	•	•*	•			•			Model 1150/800	DS15 Elite Steam	
	HM512H8908	Steam	12GPD	NO	1:1	3,000	5				•	•		•	•	•	•	•	•	•	•			•		Model 1150/800	DS15 Elite Steam	
	HM509H8908	Steam	9GPD	NO	1:1	2,500	5				•	•		•	•	•	•	•	•	•	•			•		Model 1150/800	DS15 Elite Steam	
	HM506H8908	Steam	6GPD	NO	1:1	2,000	5				•	•		•	•	•	•	•	•	•	•			•		Model 1150/800	DS15 Elite Steam	
	YHM512VR01	Steam and RO Filtration	12GPD	NO	****	3,000	5				•	•		•	•	•	•	•	•*	•	•		•	•			Model 1150/800	DS15 Elite Steam
	YHM512HR01	Steam and RO Filtration	12GPD	NO	****	3,000	5				•	•		•	•	•	•	•	•	•	•		•	•			Model 1150/800	DS15 Elite Steam
	YHM509HR01	Steam and RO Filtration	9GPD	NO	****	2,500	5				•	•		•	•	•	•	•	•	•	•		•	•			Model 1150/800	DS15 Elite Steam
	YHM506HR01	Steam and RO Filtration	6GPD	NO	****	2,000	5				•	•		•	•	•	•	•	•	•	•		•	•			Model 1150/800	DS15 Elite Steam
Fan Powered Humidification																												
 <p>TrueEASE™</p>	HE300A1005	Evaporative Pad/Fan	18GPD	YES	1:2	3,000	5	•		•	•	•	•		•	•										Model 700/760	Model 1000	
Evaporative Humidification																												
 <p>TrueEASE™</p>	HE100A1000	Evaporative Pad	12GPD	YES	1:4	2,000	5	•	•	•	•	•							•	•	•					Model 550	Model 570	
	HE100C1001**	Evaporative Pad	45L (12G)	YES	1:4	2,000	5	•	•	•	•	•							•	•	•					Model 550	Model 570	
	HE150A1005	Evaporative Pad	12GPD	YES	1:2.8	2,000	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•					Model 550	Model 570	
	HE150C1014**	Evaporative Pad	45L (12G)	YES	1:2.8	2,000	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•					Model 550	Model 570	
	HE200A1000	Evaporative Pad	17GPD	YES	1:4	2,500	5	•	•	•	•	•	•							•	•	•				Model 560/600	Model 900	
	HE200C1001**	Evaporative Pad	64L (17G)	YES	1:4	2,500	5	•	•	•	•	•	•							•	•	•				Model 560/600	Model 900	
	HE250A1005	Evaporative Pad	17GPD	YES	1:2.8	2,500	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•					Model 560/600	Model 900	
	HE250C1014**	Evaporative Pad	64L (17G)	YES	1:2.8	2,500	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•					Model 560/600	Model 900	
 <p>HE225 & HE265</p>	HE225H8908	Evaporative Pad	12GPD	YES	1:4	2,000	5				•	•							•	•	•			•	Model 550	Model 570		
	HE225A1014**	Evaporative Pad	45L (12G)	YES	1:4	2,000	5				•	•							•	•	•			•	Model 550	Model 570		
	HE265H8908	Evaporative Pad	17GPD	YES	1:4	2,500	5				•	•							•	•	•			•	Model 560/600	Model 900		
	HE265A1234**	Evaporative Pad	64L (17G)	YES	1:4	2,500	5				•	•							•	•	•			•	Model 560/600	Model 900		

*Requires outdoor sensor for automatic Frost Protection. **Canadian models ***Outdoor sensor has 1 year warranty
 ****Water waste with RO kit varies depending on factors such as age of sediment and RO canisters as well as factors specific to the home

Whole-House Dehumidifiers

Honeywell's TrueDRY™ 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. 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.

When selecting a Whole-House Dehumidifier for your next job, look for these Honeywell features:

- R-410A Refrigerant
- Energy Efficient High-Capacity Moisture Removal
- Built-in Ventilation Port
- MERV 11 Air Filtration
- Internal Humidity/Ventilation Control
- 5-Year Warranty






Energy Savings

Humidity can cause the air temperature inside the home to feel warmer than the actual temperature. If the relative humidity within the home is 70% and the actual temperature is 75° F, the air will feel like 77°. With a whole-house dehumidifier, you can lower the indoor relative humidity to 40% to 60% where the indoor temperature will be 75° and feel like 75°. The home will feel cooler but there is no need to lower the actual temperature within the home.



Dehumidifier Selection Guide

	OS#	Specifications					Control Options	Features			Service-Contract Parts			Cross-Reference	
		Pints per Day	Energy Usage	Energy Star Rated	Nominal Airflow	Refrigerant	Controls	Filter Efficiency	Upflow Conversion	Dual Filter Access	Integrated Supply Vent	Filter	Backdraft Damper	Optional Damper	Aprilaire®
	DR65VPIAQ	65	6.2 A	Yes	160 CFM	R-410A	VisionPRO IAQ, Onboard manual dehumidistat	MERV 11	•	•	50033205-009	50018995-001	EARD 6	Model 1700	DVA400H
	DR65A1000						Onboard manual dehumidistat								
	DR90VPIAQ	90	6.7A	Yes	235 CFM	R-410A	VisionPRO IAQ	MERV 11			50049536-003	50018995-001	EARD 6	Model 1700	DVA400H
	DR90A1000														
	DH150A105	150	6.9A	Yes	415 CFM	R-410A	VisionPRO IAQ	MERV 11	•	•	50035445-020	50018995-001	EARD 6	N/A	N/A
	DH150A100														

Ultraviolet Treatment Systems

Mold and bacteria can thrive in a variety of conditions and be spread throughout a home by the heating and cooling system. Just as homeowners understand washing before eating, they'll understand UV lights offer another line of defense that helps "wash" the air before breathing. After all, UV irradiation has been used by hospitals and restaurants for years to help disinfect and prevent the spread of germs. Honeywell helps you serve the growing homeowner market with easy-to-install, long-lasting ultraviolet Air (return) and Surface (coil) treatment systems.

When choosing a UV Treatment System for your next job, look for these Honeywell features:

- Fastest Installation and Replacement Time Available
- Patented SmartLamp™ Technology
- Built-in Brownout Protection
- Extended Lamp Life
- Safety Sealed Design With Multiple Interlocks
- SnapLamp™ Low-Cost Replacement Bulbs
- 5-Year Warranty



Ultraviolet Air (Return) Treatment Systems

- Kill up to 87% of certain airborne bacteria* passing by the system
- Available in single-and dual-lamp models
- Optional SmartLamp™ Technology extends bulb run time and offers LED indication for bulb replacement
- VisionPRO IAQ integrates SmartLamp units into the system, sending messages to the homeowner on the screen of their thermostat
- 5 Year Warranty



Ultraviolet Surface (Coil) Treatment Systems

- Eliminate up to 99.9%** of mold spores on cooling coils
- Optional SmartLamp™ Technology extends bulb run time and offers LED indication for bulb replacement
- Sealed design with safety interlocks
- VisionPRO IAQ integrates SmartLamp units into the system, sending messages to the homeowner on the screen of their thermostat
- 5 Year Warranty



SnapLamp™ Replacement Bulb

- Economic lamp replacement solution with separate bulb/handle assembly
- Easiest replacement in the industry



* Test performed shows a single pass kill rate of *Serratia marcescens* bacteria in a clean metal 12" x 25" duct at an airflow of 2,000 CFM using new lamps. Higher kill rates expected in smaller, lower speed models.

** Test performed in a test duct showed a 3-log (99.9%) reduction in colony-forming *Aspergillus niger* mold spores when surface was irradiated at a distance of 18" for three hours in still air using new lamps.

Ultraviolet Treatment System Selection Guide

	Model	Application		Quick and Easy Install and Maintenance	Safety is Built Into Sealed Design With Interlocks	Check Operation Safely With Light Pipe in Handle	SnapLamp™ Replacement Bulb Provides Quick and Easy Replacement at Lower Cost	SmartLamp™ Technology					Kill Rate*
		Air Treatment	Surface Treatment					Air Flow Sensor Extends Bulb Life	Bulb Cycles to Extend Bulb Life	Protection From Harsh Conditions	Bulb Life Indicator	EnviroCOM™ Communications	
	UV100E2009	•		•	•	•	•	•	•	•	•	•	87% Air Treatment
	UV100E3007		•	•	•	•	•		•	•	•	•	99.9% Surface Treatment
	UV100E1043	•		•	•	•	•	•	•	•	•	•	70% Air Treatment
	UV100A1059	•	•	•	•	•	•						75% Air Treatment or 99.9% Surface Treatment
	UV100A2008	•	•	•	•	•	•						75% Air Treatment or 99.9% Surface Treatment
	Replacement Bulbs	•	•	•	•	•	•						

* Air treatment test performed shows a single pass kill rate of Serratia marcescens bacteria in a clean metal 12" x 25" duct at an airflow of 2,000 CFM using new lamps. Surface treatment test performed in a test duct showed a 3-log (99.9%) reduction in colony-forming Aspergillus niger mold spores when surface was irradiated at a distance of 18" for three hours in still air using new lamps.

Recommended Application	Voltage	Warranty	Upgrade Cross-Reference						
			Ultravation	AprilAire	Field Controls	Sanuvox	Second Wind	Dust Free	Eclipse
Up to 2,000 CFM	120 V	5 Year	UVE-1000, UVE-1036, UVE-2000, UVE-2036, UVS-1200 T, UVS-900T	1910, 1930	UV-18X	UV Bio-Wall Quattro R40006X R35006X	2181	Nomad, Nomad 2	
Any Residential System	120 V	5 Year	UVE-1000, UVE-1036, UVE-2000, UVE-2036, UVS-1200 T, UVS-900T	1910, 1930	UV-12, UV-18, UV-28	Saber APR		Triad FlexMount	
Up to 1,600 CFM	120 V	5 Year	UVE-1000, UVE-1036, UVE-2000, UVE-2036, UVS-1200 T, UVS-900T	1910, 1930	UV-12, UV-18, UV-28	R17006X R1500X	2000, 2018	Triad HO, VersaLight	UV Cleanser
Up to 1,725 CFM Air Treatment Surface Treatment – Any Residential System	120 V	5 Year	UVE-1000, UVE-1036, UVE-2000, UVE-2036, UVS-1200 T, UVS-900T	1910, 1930	UV-12, UV-18, UV-28	Saber APR		Triad FlexMount	
Up to 1,725 CFM Air Treatment Surface Treatment – Any Residential System	240 V	5 Year	UVE-1000, UVE-1036, UVE-2000, UVE-2036, UVS-1200 T, UVS-900T	1910, 1930	UV-12, UV-18, UV-28	Saber APR		Triad FlexMount	
		Limited		#90			1068, 1068A, 1076		

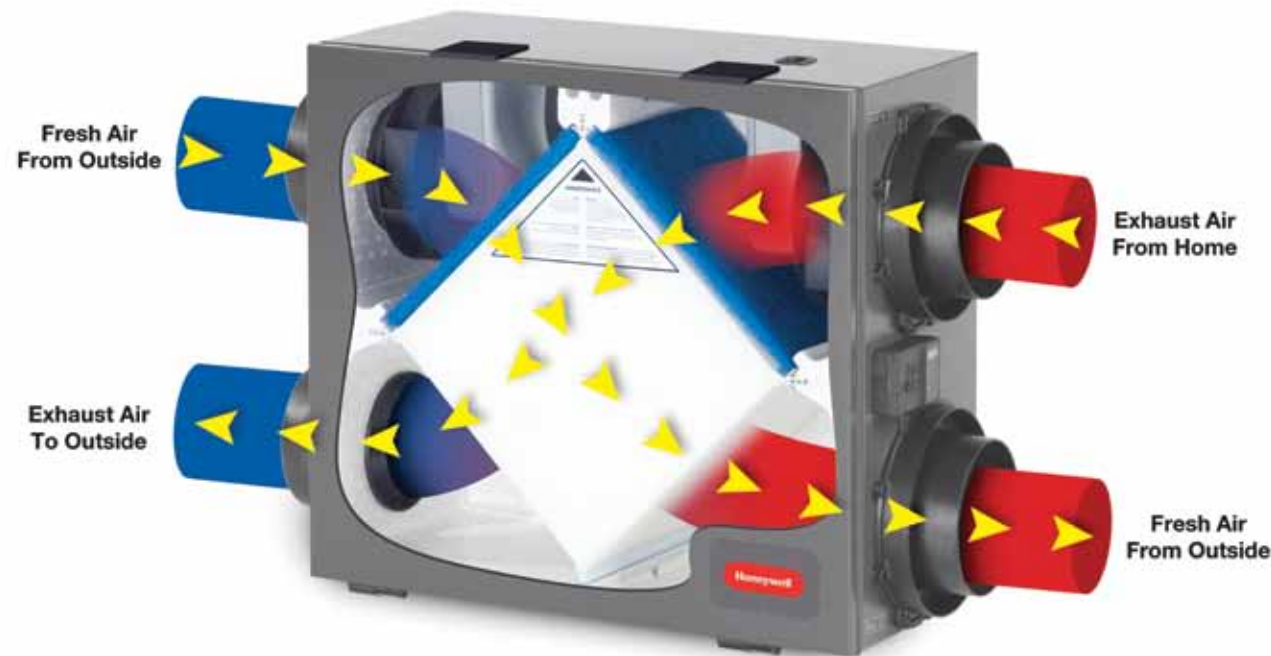
Whole-House Ventilation Systems

Honeywell offers a variety of energy-efficient Whole-House Ventilation System solutions for both new construction and retrofit applications. From Heat and Energy Recovery Ventilation to Fresh Air Supply Ventilation — meet all of your ventilation needs with Honeywell.

When choosing a Ventilation System for your next job, look for these Honeywell features:

- Removeable Duct Collars, Simplified Balancing and Adjustable Hanging Straps Ease Installation*
- Intuitive Balancing for HRVs and ERVs
- Simple Setup to Meet ASHRAE Ventilation Standards 62.2
- Can be Controlled with Prestige® IAQ Total Home Comfort System
- Streamlined, Lightweight Design
- Private Labeling
- 5-Year Warranty

* Select models only.



Honeywell

TrueFRESH™ Balanced Ventilation Systems Energy Recovery Ventilators (ERV)

- Balanced ventilation with sensible and latent heat recovery
- Removable duct collars for simplified ducting
- Intuitive balancing via two variable speed motors and an integrated speed control
- Simplified hanging via adjustable straps
- Compact and light weight design
- Washable ERV core
- Tested for cold weather (down to 5°F/-15°C)
- Automatic defrost
- 5 Year Warranty



TrueFRESH™ Balanced Ventilation Systems Heat Recovery Ventilators (HRV)

- An Energy Star** product
- Balanced ventilation with sensible heat recovery
- Removable duct collars for simplified ducting
- Intuitive balancing via two variable speed motors and an integrated speed control
- Simplified hanging via adjustable straps
- Compact and light weight design
- Great for extreme cold weather
- Automatic defrost
- 5 Year Warranty



Fresh Air Ventilation System

- Economical approach to fresh air ventilation
- Simple, flexible control helps meet local ventilation codes and ASHRAE standards
- Easy to wire and troubleshoot
- Customize ventilation rates for every home environment
- 5 Year Warranty



Digital Bath Fan Control

- An easy and inexpensive way to meet ASHRAE 62.2 standards
- Backlit clock display
- Comes in two colors, Empire White and Bisuit
- Easy-to-install
- Simple programming
- Convenient display
- 5 Year Warranty



** Meets Energy Star requirements only when used in Canada

Help homeowners understand their options for the best balance of energy savings and ventilation control.



Honeywell TrueFRESH Energy Recovery Ventilators (ERV) and Heat Recovery Ventilators (HRV) provide fresh replacement air while recovering up to 70% of the exhausted air's sensible heat, as well as some of the latent heat, by transferring moisture from one air stream to the other. The system draws fresh outdoor air through the ventilator for distribution throughout the house. Stale air is exhausted outside through the ventilator. Heat is transferred from one air stream to the other as the air passes through the opposite sides of the heat transfer core. ERV systems provide the added benefit of reducing the amount of humidity from the incoming air making ERVs a great choice for humid southern climates. HRV and ERV models also offer automatic defrost for colder climates.



Y8150 Fresh Air Ventilation Systems provide an economical way to work with the existing system fan to deliver outside air to the home, meeting the ASHRAE 62 standard. Intuitive, 'set it and forget it' programming keeps your customers from adjusting the controls, helping to reduce callbacks. With an overall low total installed cost, it is easy to wire in any orientation, requiring only the included damper, transformer and control.

Honeywell Ventilation Controls



Prestige 2.0 Comfort Systems Provide ventilation control from a single device, effortless programming and a wide range of comfort and energy saving features.



Digital Bath Fan Control
An economical — and aesthetically pleasing — way to meet ASHRAE Standard 62.2 with any single-speed bath fan, the control has four program setups and comes in both Empire White and Biscuit.



VisionPRO® IAQ
One convenient programmable control does it all: temperature, humidification, dehumidification and ventilation.



TrueIAQ®
Manage whole-house humidifiers, dehumidifiers, ventilators and bathroom fans from a single control. Plus, TrueIAQ delivers automatic humidity control based on both inside and outside temperatures to maximize efficiency.






W8150 Ventilation Control
Easily control fresh air according to ASHRAE ventilation standards. Intuitive "set it and forget it" programming reduces call backs.



Push Button Control
Boost control for ERV/HRV. Run high speed ventilation for 20-40-60 minutes as needed.

Ventilation System Selection Guide

	Model	Type	Application			Performance				Features and Functions					Warranty
			Heat Transfer	Moisture Transfer	Automatic Defrost	Net Supply Airflow @ 0.2 in. wg	Sensible Recovery Efficiency	Total Recovery Efficiency	Input Current (amps)	Fan Speeds	Furnace Fan Interlock	HVI Certified	Insulated Cabinet	Washable Core	
Balanced Ventilation															
 TrueFRESH™	VNT5150E1000	Energy Recovery Ventilator	•	•	•	185 CFM	67%	49%	1.5A	2	•	•	•	Yes	5 year
	VNT5200E1000	Energy Recovery Ventilator	•	•	•	200 CFM	69%	53%	1.5A	2	•	•	•	Yes	5 year
	VNT5150H1000	Heat Recovery Ventilator	•		•	192 CFM	78%		1.5A	2	•	•	•	Yes	5 year
	VNT5200H1000	Heat Recovery Ventilator	•		•	229 CFM	71%		1.5A	2	•	•	•	Yes	5 year
Supply Ventilation															
 Y8150	Y8150A1009	Economy Ventilation							0.25		•				5 year
	W8150A1001	Economy Ventilation							0.25		•				5 year
Exhaust Ventilation															
 Digital Bath Fan Control	HVC0001	Exhaust Ventilation Control, White												Max Load 2.5A	5 year
	HVC0002	Exhaust Ventilation Control, Biscuit												Max Load 2.5A	5 year

Water Solutions

From our popular zone valves, Aquastats, and the energy-saving Aquatrol™ you can meet just about every boiler room need with just one brand. AquaPUMP is the latest in Honeywell's complete lineup of hydronic heating solutions.

AquaPUMP eliminates the guesswork in the boiler room. With three sizes, multiple speeds for each size and the unique Twist-To-Fit flange, AquaPUMP has you covered for every application. And because a single AquaPUMP can replace a wide range of competitive models, you can handle nearly all retrofits with just one brand.

- Twist-To-Fit Universal Flange rotates 90° to fit every application
- Threaded conduit connection
- Stainless steel plate and can
- Impeller engineered for a quieter, more efficient operation
- Ceramic bearings and shaft
- Check valve available for all pumps separately
- 5-year warranty



Honeywell

Use this cross-reference tool to meet your installation needs. Each Honeywell circulator replaces both regular and rotated flange models.

Honeywell			Grundfos		Taco		Bell & Gossett	Armstrong	Wilo	
Model	Pump Length	Speed	Single Speed	3-Speed	Single Speed	3-Speed			Single Speed	3-Speed
PC3F1558IUF00	6.5"	High	UP-42F UP-42F-FC	UPS15-58 High UPS15-58-FC High	005F 007F 008F 008F-IFC	00R High 00R Med	NRF-22 LR-20WR	Astro 30 Astro 30-3 Astro 50-3 Astro 230C1	Star 16	Star S16 High
		Medium	UP15-42FC	UPS15-58 Low UPS15-58-FC Low	005F-IFC 006F 006F-IFC 007F-IFC	00R Low	NRF9F/LW NRF-25 Med			Star S16 Med
		Low	UP15-18F UP15-18F-FC							
PC3F2699IUF00	6.5"	High	UP26-96F UP26-96F-FC UP26-116F UP26-116F-FC	UPS26-99 High UPS26-99-FC High	0011F 0011F-IFC 0013F 0013F-IFC		NRF-36 Med NRF-45 Med H-41	E7 Astro 50 Astro 50-3	Star 30F Star 32F	S21 High
		Medium	UP26-64F UP26-99FC	UPS26-99 Low UPS26-99-FC Low	0014F 0014F-IFC				Star 17 FX	S21 Med
		Low					NRF-33			Star S21 Low
PC3F4344IUF00	8.5"	High	UP43-44F UP43-44F-FC	UPS43-44 High UPS43-44-FC High			HV H-32	E16		
		Medium		UPS43-44 Med UPS43-44-FC Med	0010F 0012F-IFC	0010 Med	NRF-33	H32		
		Low		UPS43-44 Low UPS43-44-FC Low	0010F-IFC	0010 Low				

The information in this table is based on publicly available information as of the date of this publication. Honeywell is not liable if information is found to be incorrect. If the cross referenced model uses a flow check valve, then use a flow check with the Honeywell model as well.

For all your hydronic heating needs, the name to know is Honeywell.

From our popular zone valves, Aquastats, and the energy-saving Aquatrol™ you can meet just about every boiler room need with just one brand. AquaPUMP is the latest in Honeywell's complete lineup of hydronic heating solutions.



Water Solutions

When selecting a potable or hydronic heating product for your next job, look for these Honeywell features:

- Application Flexibility
- ASSE Certified Thermostatic Mixing Valves
- Teflon™ Coated Thermostatic Elements
- Industry Leading Zone Valve Technology
- “In-Pipe” Serviceability
- Customizable Boiler Trim Kits

Hydronic Solutions

Aquatrol® Hydronic Boiler & Zoning Controls

- Easy to select, install, set-up and troubleshoot
- Available with or without Outdoor Reset capability
- Modular design allows for future enhancements
- Easy-to-read backlit screen makes programming simple
- Pump and zone valve versatile
- Pre-programmed with most popular settings



- Compatible with most digital thermostats*
- Dedicated 2-wire polarity insensitive thermostat allows for maximum efficiency

*Thermostats must have dry contact terminals

Boiler Trim Kits

- All boiler accessories in one convenient kit
- Includes SuperVent®, expansion tank and boiler fill valve/back flow preventer
- Tanks for potable water applications also available



V8043 1000 and 5000 Series Zone Valve

- Innovative soft close motor technology reduces callbacks*
- Patented ball seal design provides a quality seal
- “Quick Fit” pushbutton actuator reduces service time*



*Available on 5000 series model only

AMX300 Series Thermostatic Mixing Valve Kit

- Engineered for decreased installation time and increased profits
- Kit includes mixing device, cold water tee, and flexible 8" and 11" connectors
- Integrated recirculation and hot water ports (for optional use)



Potable Water Solutions

AMX Series Thermostatic Mixing Valve

- Patent-pending DirectConnect™ design for fast installation
- Integrated recirculation port allows for optional recirculation
- Available in multiple connection types
- Low Lead options available*



AM-1 Series Thermostatic Mixing Valve

- Available in multiple connection types
- Teflon® coating increases product life and reduces callbacks
- ASSE 1017 approved
- Lockable hand wheel prevents tampering
- Low Lead options available*



AM-1 1070 Series UnderSink Thermostatic Mixing Valve

- Available in multiple connection types
- Teflon® coating increases product life and reduces callbacks
- ASSE 1070 approved
- Lockable hand wheel prevents tampering
- Models for hydronic heating also available
- Low Lead options available*



UMV Series UnderSink Thermostatic Mixing Valve

- Universal compatibility for easy installation in both 3- and 4-port applications
- Designed to prevent scalding at individual faucets
- Retaining screw provides tamper resistant settings



SuperVent® Air Eliminator

- Efficiently removes air from hydronic heating systems
- Easy “in-pipe” serviceability and maintenance
- Available in both sweat and NPT connections; sizes 1/2"-2"



SuperVent® Top Air Vent

- Efficient high-point air vent for both heating and cooling systems
- Service check valve makes maintenance simple and easy
- Debris baffle controls dirt fouling and helps to prevent failure



* Low lead Content <.25% by weighted average. For this option add “LF” directly behind existing part number.







Ventilation and Zone Valve Selection Guide

Picture	Model	Specifications							Features & Functions					Upgrade Cross-Reference			
		Connection Type	Connection Size	Cv	Max GPM	Max Operating Temp	Max Pressure (psi)	Materials	90 Degree Rotation Vent	360 Degree Rotating Vent Collar	Stainless Steel Concentrator	Dirt Baffle	Removable Vent Assembly	Spirotherm	Taco	Danfoss	B&G
<p>PV Series SuperVent®</p>	PV075/U	NPT	3/4"	13	10	240° F (110° C)	125	Bronze	•	•	•	•	•	VJR075FT	49-075	551045DNF	EASB-3/4 JR
	PV075S/U	Sweat	3/4"	13	10	240° F (110° C)	125	Bronze	•	•	•	•	•	VJS075FT			EASB-3/4S JR
	PV100/U	NPT	1"	22	16	240° F (110° C)	125	Bronze	•	•	•	•	•	VJR100TM	49-100	551046DNF	EASB-1 JR
	PV100S/U	Sweat	1"	22	16	240° F (110° C)	125	Bronze	•	•	•	•	•	VJS100TM			EASB-1S JR
	PV125/U	NPT	1 1/4"	38	28	240° F (110° C)	125	Bronze	•	•	•	•	•	VJR125TM	49-125	551047DNF	EASB-1-1/4 JR
	PV125S/U	Sweat	1 1/4"	38	28	240° F (110° C)	125	Bronze	•	•	•	•	•	VJS125TM			EASB-1-1/4S JR
	PV150/U	NPT	1 1/2"	53	38	240° F (110° C)	125	Bronze	•	•	•	•	•	VJR150TM	49-150	551048DNF	EASB-1-1/2 JR
	PV200/U	NPT	2"	95	62	240° F (110° C)	125	Bronze	•	•	•	•	•	VJR200TM		551049DNF	
	PVU075/U	Universal	3/4"	3.6	10	240° F (110° C)	125	Bronze	•	•	•	•	•	VJV075FT			
	PVU100/U	Universal	1"	6.2	16	240° F (110° C)	125	Bronze	•	•	•	•	•	VJV100FT			
PVU125/U	Universal	1 1/4"	10.5	28	240° F (110° C)	125	Bronze	•	•	•	•	•	VJV125FT				
PVU150/U	Universal	1 1/2"	14.3	38	240° F (110° C)	125	Bronze	•	•	•	•	•					
<p>SuperVent® Top</p> <p>*Includes check valve</p>	SV173	NPT	3/8"	N/A	N/A	240° F (115° C)	150	Brass						VTP050FT	409		
	SV175	NPT	1/2"	N/A	N/A	240° F (115° C)	150	Brass						VTP050FT	409		
<p>FV Series GoldTop™</p>	FV180	NPT	1/8"	N/A	N/A	240° F (115° C)	150	Brass							400	FV-4M1 0590715	97
	FV180A	NPT	1/4"	N/A	N/A	240° F (115° C)	150	Brass							426	FV-4M1 0590716	
	FV183	NPT	3/4"	N/A	N/A	240° F (115° C)	150	Brass							418	FV-4M1 0590723	86

Zone Valve Selection Guide

Picture	Model	Specifications							Features & Functions						Upgrade Cross-Reference		
		Connection Type	Connection Size	Connectability	Cv	Max Close-off Pressure (psi)	Max Fluid Temperature	Soft Close Technology	Silent Actuator Operation	Valve In-the-Pipe Serviceable	Push-Button Quick Fit	Metal Selector Gear	Actuator Backward Compatible	Spring Return Swing Type Rotating Ball Plug	Erie	White-Rodgers	Caleffi
<p>5000 Series</p>	V8043A5011/U	Sweat	1/2"	Lead Wires	3.5	20	200° F (93° C)	•	•	•	•	•	•	•	VT2213G13A020		Z421433
	V8043A5029/U	Sweat	3/4"	Lead Wires	3.5	20	200° F (93° C)	•	•	•	•	•	•	•	VT2313G13A020		Z421533
	V8043E5004/U	Sweat	1/2"	End Switch, Lead Wires	3.5	20	200° F (93° C)	•	•	•	•	•	•	•	VT2213G13A02A	13S16-101	Z411433
	V8043E5012/U	Sweat	3/4"	End Switch, Lead Wires	3.5	20	200° F (93° C)	•	•	•	•	•	•	•	VT2313G13A02A	13S16-102	Z411533
	V8043E5020/U	Sweat	1"	End Switch, Lead Wires	3.5	20	200° F (93° C)	•	•	•	•	•	•	•	VT2413G13A02A	13S16-103	Z411633
	V8043E5061/U	Sweat	3/4"	End Switch, Lead Wires	8	8	200° F (93° C)	•	•	•	•	•	•	•	VT2317G13A02A		Z411537
	V8043E5079/U	Sweat	1"	End Switch, Lead Wires	8	8	200° F (93° C)	•	•	•	•	•	•	•	VT2417G13A02A	13SH16-103	Z411637
	V8043F5036/U	Sweat	3/4"	End Switch, Screw Term.	3.5	20	200° F (93° C)	•	•	•	•	•	•	•	VT2313G13A01A		Z451533
	V8043F5051/U	Sweat	1"	End Switch, Screw Term.	3.5	20	200° F (93° C)	•	•	•	•	•	•	•	VT2413G13A01A		Z451633
	V8043F5093/U	Sweat	3/4"	End Switch, Screw Term.	8	8	200° F (93° C)	•	•	•	•	•	•	•	VT2317G13A01A		Z451537
<p>1000 Series</p>	V8043A1011/U	Sweat	1/2"	Lead Wires	3.5	20	200° F (93° C)			•				•	VT2213G13A020		
	V8043A1029/U	Sweat	3/4"	Lead Wires	3.5	20	200° F (93° C)			•				•	VT2213G13A020		
	V8043B1027/U[1]	Sweat	3/4"	Lead Wires	3.5	20	200° F (93° C)			•				•	VT2313G23A020	13S05-102	
	V8043E1004/U	Sweat	1/2"	End Switch, Lead Wires	3.5	20	200° F (93° C)			•				•	VT2213G13A02A	13S16-101	Z44
	V8043E1012/U	Sweat	3/4"	End Switch, Lead Wires	3.5	20	200° F (93° C)			•				•	VT2213G13A02A	13S16-102	Z45
	V8043E1020/U	Sweat	1"	End Switch, Lead Wires	3.5	20	200° F (93° C)			•				•	VT2415G13A02A	13S16-103	
	V8043E1061/U	Sweat	3/4"	End Switch, Lead Wires	8	8	200° F (93° C)			•				•	VT2317G13A02A	13SH16-102	
	V8043E1079/U	Sweat	1"	End Switch, Lead Wires	8	8	200° F (93° C)			•				•	VT2417G13A0SA	13SH16-103	Z46
	V8043F1036/U	Sweat	3/4"	End Switch, Screw Terminals	3.5	20	200° F (93° C)			•				•	VT2413G13A01A		
	V8043F1051/U	Sweat	1"	End Switch, Screw Terminals	3.5	20	200° F (93° C)			•				•	VT2413G13A01A		
	V8043F1093/U	Sweat	3/4"	End Switch, Screw Terminals	8	8	200° F (93° C)			•				•	VT2317G13A01A		Z55
	V8043F1101/U	Sweat	1"	End Switch, Screw Terminals	8	8	200° F (93° C)			•				•	VT2417G13A01A		Z56
	V8043F1135/U[2]	Sweat	3/4"	End Switch, Screw Terminals	3.5	20	200° F (93° C)			•				•	VT2413G13A01A		
	V8044A1010/U[3]	Sweat	1/2"	Lead Wires	4	20	200° F (93° C)			•				•	VT3213G13A020		
	V8044A1044/U[3]	Sweat	3/4"	Lead Wires	7	10	200° F (93° C)			•				•	VT3317G13A020		
V8044E1011/U[3]	Sweat	3/4"	End Switch, Lead Wires	7	10	200° F (93° C)			•				•	VT3317G13A02A			

Mixing Valve Selection Guide

Picture	Model	Temp Range	Certification		Application			Features and Functions								Competitive Cross-Reference							
			Low Lead Option Available*	Point-of-Use	Point-of-Source	Heating Only (High Temp Range)	Connection Type	Connection Size	Max Flow GPM	Min Flow Rate	CV	Teflon Coating	Internal Check Valve	Includes Thermo-temp Strip	Lead Free Version Available	Cash Acme	Conbraco	Danfoss	Powers	Taco	Watts	Wilkins	
Point-of-Source																							
	AMX300T (8" Model)	100-145° F (38-62° C)	ASSE 1017			•		NPT	3/4"	19	0.25	2.1*	•	•	•	•							
	<small>*CV Rating varies with mixed water temperature. See installation manual for details.</small>	AMX302T (11" Model)	100-145° F (38-62° C)			•		NPT	3/4"	19	0.25	2.1*	•	•	•	•							
	AMX100-US-1	90-130° F (32-54° C)	ASSE1017	•		•		US	1/2"	8	0.5	4.0	•	•	•	•	HONEYWELL PROPRIETARY DESIGN – PATENT PENDING						
	AMX101-US-1	90-130° F (32-54° C)	ASSE1017	•		•		US	3/4"	14	0.5	4.0	•	•	•	•							
	AMX102-US-1	90-130° F (32-54° C)	ASSE1017	•		•		US	1"	20	0.5	4.0	•	•	•	•							
	AMX100-UT-1	90-130° F (32-54° C)	ASSE1017	•		•		UT	1/2"	8	0.5	4.0	•	•	•	•							
	AMX101-UT-1	90-130° F (32-54° C)	ASSE1017	•		•		UT	3/4"	14	0.5	4.0	•	•	•	•							
	AMX102-UT-1	90-130° F (32-54° C)	ASSE1017	•		•		UT	1"	20	0.5	4.0	•	•	•	•							
	AM100-1	100-145° F (38-62° C)	ASSE 1017	•		•		NPT	1/2"	8	0.5	3.2	•	•	•	•		TV-T 1/2"	30 MR				
	AM100C-1	80-120° F (27-49° C)	ASSE 1017	•		•		NPT	1/2"	8	0.5	3.2	•	•	•	•	110-D 1/2", 160 1/2"		30 HR 1/2" NPT, 30 HV 1/2" NPT	E480		ZW1070	
	AM101-1	100-145° F (38-62° C)	ASSE 1017	•		•		NPT	3/4"	12	0.5	3.8	•	•	•	•	115-H 3/4"	TV-T 3/4"					
	AM101C-1	80-120° F (27-49° C)	ASSE 1017	•		•		NPT	3/4"	12	0.5	3.8	•	•	•	•	110-D 3/4", 160 3/4"		30 HR 3/4" NPT, 30 HV 3/4" NPT			ZW1017MM, ZW1070	
	AM102-1	100-145° F (38-62° C)	ASSE 1017	•		•		NPT	1"	16	0.5	4.3	•	•	•	•	115-H 1"						
	AM102C-1	80-120° F (27-49° C)	ASSE 1017	•		•		NPT	1"	16	0.5	4.3	•	•	•	•	110-D 3/4", 160 3/4"		30 HR 3/4" NPT, 30 HV 3/4" NPT			ZW1017MM, ZW1070	
	AM100-US-1	100-145° F (38-62° C)	ASSE 1017	•		•		US	1/2"	8	0.5	3.9	•	•	•	•	110-H 1/2"	34A 1/2", TV-S 1/2"			5002-C1		
	AM100C-US-1	80-120° F (27-49° C)	ASSE 1017	•		•		US	1/2"	8	0.5	3.9	•	•	•	•	110-D 1/2", 160 1/2"	34B 1/2"	30 HR 1/2" US, 30 HV 1/2" US	E490-2		MMV US 1/2", 1170 US 1/2"	ZW1070
	AM101-US-1	100-145° F (38-62° C)	ASSE 1017	•		•		US	3/4"	12	0.5	3.9	•	•	•	•	110-H 3/4"	34A 3/4", TV-S 3/4"			5003-C1		
	AM101C-US-1	80-120° F (27-49° C)	ASSE 1017	•		•		US	3/4"	12	0.5	3.9	•	•	•	•	110-D 3/4", 160 3/4"	34B 3/4"	30 HR 3/4" US, 30 HV 3/4" US	E491-2		MMV US 3/4", 1170 US 3/4"	ZW1017MM, ZW1070
	AM102-US-1	100-145° F (38-62° C)	ASSE 1017	•		•		US	1"	16	0.5	3.9	•	•	•	•	110-H 1"	34A 1"					
	AM102C-US-1	80-120° F (27-49° C)	ASSE 1017	•		•		US	1"	16	0.5	3.9	•	•	•	•	110-D 1", 160 1"	34B 1"		E492-2		MMV US 1", 1170 US 1"	ZW1017MM, ZW1070
	AM100-UT-1	100-145° F (38-62° C)	ASSE 1017	•		•		UT	1/2"	8	0.5	3.9	•	•	•	•							
	AM100C-UT-1	80-120° F (27-49° C)	ASSE 1017	•		•		UT	1/2"	8	0.5	3.9	•	•	•	•	110-D 1/2", 160 1/2"	34B 1/2"		E490-1		MMV UT 1/2", 1170 UT 1/2"	
	AM101-UT-1	100-145° F (38-62° C)	ASSE 1017	•		•		UT	3/4"	12	0.5	3.9	•	•	•	•		34A 3/4"					
	AM101C-UT-1	80-120° F (27-49° C)	ASSE 1017	•		•		UT	3/4"	12	0.5	3.9	•	•	•	•	110-D 3/4", 160 3/4"	34B 3/4"		E491-1		MMV UT 3/4", 1170 UT 3/4"	
AM102-UT-1	100-145° F (38-62° C)	ASSE 1017	•		•		UT	1"	16	0.5	3.9	•	•	•	•		34A 1"						
AM102C-UT-1	80-120° F (27-49° C)	ASSE 1017	•		•		UT	1"	16	0.5	3.9	•	•	•	•	110-D 1", 160 1"	34B 1"		E492-1		MMV UT 1", 1170 UT 1"		
Point-of-Use																							
	AM100C1070-US-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017			•	•	US	1/2"		0.5	1.8	•	•	•	•							
	AM101C1070-US-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017			•	•	US	3/4"		0.5	1.8	•	•	•	•							
	AM102C1070-US-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017			•	•	US	1"		0.5	1.8	•	•	•	•							
	AM100C1070-UT-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017			•	•	UT	1/2"		0.5	1.8	•	•	•	•							
	AM101C1070-UT-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017			•	•	UT	3/4"		0.5	1.8	•	•	•	•							
	<small>*Union CPVC & PEX connections available</small>	AM102C1070-UT-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017			•	•	UT	1"		0.5	1.8	•	•	•	•						
	UMV-304U (Universal 3 or 4 Port)	80-120° F (27-49° C) 5000 Series	ASSE1016 & 1070			•		Comp.	3/8"	3	0.5	0.55						34D-1, 34D-2				USG-B	
Heating ONLY - Not for Potable Usage																							
	AM100R-US-1	70-180° F (21-82° C)				•		US	1/2"	8	0.5	3.9	•		•			34H 1/2"				L1170 US 1/2"	
	AM101R-US-1	70-180° F (21-82° C)				•		US	3/4"	12	0.5	3.9	•		•			34H 3/4"				L1170 US 3/4"	
	AM102R-US-1	70-180° F (21-82° C)				•		US	1"	16	0.5	3.9	•		•			34H 1"				L1170 US 1"	
	AM100R-UT-1	70-180° F (21-82° C)				•		UT	1/2"	8	0.5	3.9	•		•			34H 1/2"				L1170 UT 1/2"	
	AM101R-UT-1	70-180° F (21-82° C)				•		UT	3/4"	12	0.5	3.9	•		•			34H, 34C 3/4"				L1170 UT 3/4"	
	AM102R-UT-1	70-180° F (21-82° C)				•		UT	1"	16	0.5	3.9	•		•			34H / 34C 1"				L1170 UT 1"	

Residential Combustion/Gas Controls

The only thing we can't replace is you! In the HVAC industry today time is money, particularly in the service department, and time lost is money lost. With a part strategy that includes Honeywell's Universal products, you'll have the right party nearly every time.

Glowfly® Universal Hot Surface Igniter

- The toughest technology: next generation OEM silicon nitride
- Available in single units or convenient 6-packs
- Custom designed bracketing
- Heats up faster than silicon carbide igniters for optimum light off
- Replaces over 110 OEM igniters



ST9120U1011 Universal Electric Fan Timer Board

- Integrates control of all combustion blower and circulating fan operations in a gas warm-air appliance
- Universal platform that will replace existing Honeywell ST9120's, ST9101's, ST9141's, and ST9160's
- DIP switch selectable heat and cool delay on and off times.
- Diagnostic LED and replaceable fuse for diagnostics and board protection
- EAC and HUM convenience terminal connections and continuous low speed indoor air circulation are provided



S9200U1000 Universal Hot Surface Ignition Integrated Furnace Control

- Replaces over 140 competitive models
- Complete set of wiring harnesses included for universal compatibility and simplified wiring
- LED indicators provide system status, performance and diagnostic information
- EnviraCOM™-enabled for easy set-up or remote monitoring and diagnostics
- Board is mounted in plastic tray to help protect dust and flexing of the board



VR8345M/VR8345Q/VR8345H/VR8245M Universal Electronic Ignition Gas Valve

- Wide-capacity control for almost any IP, HSI or DSI gas-fired appliances
- Compact fit simplifies field replacement
- Use with 24 VAC heating appliances, using natural, manufactured or LP gas
- Capacities from 20 to 200 (VR8245) or 30 to 415 (VR8345) CFH



VR8200/VR8300 Universal Standing Pilot Gas Valve

- Combination gas controls for use in 24 VAC, gas fired, standing pilot appliances with capacities from 20 to 200k Btu/h natural gas, 40 to 200K Btu/h LP gas
- Includes safety shutoff (VR8300), manual valve, two automatic operators, pressure regulator and pilot adjustment
- Universal replacement for virtually all Honeywell and competitive valve models



S8610U Universal Intermittent Pilot Ignition Module

- Direct pilot flame current readout with standard micro-ammeter
- Works in both single-rod or dual-rod applications
- Field selectable pre-purge and ignition trial timings
- Single LED provides status and diagnostic information
- Integral damper connections
- Replaces over 400 Honeywell and competitive models



S8910U Universal Hot Surface Ignition Module

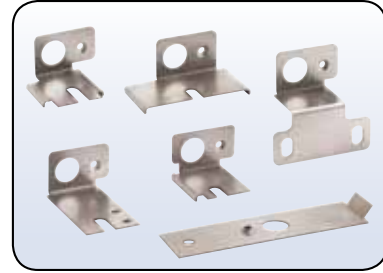
- Easy field replacement for most hot surface ignition modules
- Single-rod or dual-rod application
- LED diagnostics and field-adjustable ignition timings
- Replaces over 650 Honeywell and competitive products



SmartValve™

- Family covers the full range of opening characteristics (slow, normal, fast) and ignition systems
- Universal kits include natural to LP conversion and 3/4" to 1/2" bushings
- Universal family increases service efficiency and reduces truck and warehouse inventory
- Input Voltage test harness: Order part #396085
- Flame Current Test kit: Order part #395466






Match and mount simplicity.
Simply remove the old igniter and compare it with the diagrams on Glowfly's unique packaging guide to determine the correct mounting bracket for the job.

Six brackets. 110+ possibilities.
Every Glowfly comes fully equipped with six custom mounting brackets that are optimized to replace over 110 igniter applications from nearly every furnace manufacturer without modification.

ST9120U Universal Electronic Fan Timer


ST9120U replaces over 44 existing models					
	ST9101A1006	ST9120C2028	ST9120D3009	ST9150A1003	ST9160B1027
	ST9101A1014	ST9120C3000	ST9120G2024	ST9150B2000	ST9160B1035
	ST9120C1012	ST9120C3018	ST9120G2032	ST9150B2018	ST9160B1043
	ST9120C1020	ST9120C4008	ST9120G4004	ST9150B2026	ST9160B1050
	ST9101A1022	ST9120C4016	ST9120G4038	ST9150B2034	ST9160B1068
	ST9120A2005	ST9120C4040	ST9120U1003	ST9150C4057	ST9160B1076
	ST9120B1004	ST9120C4057	ST9141A1002	ST9160A1002	ST9160B1084
	ST9120C2002	ST9120C5005	ST9141A1028	ST9160B1001	ST9160C1000
	ST9120C2010	ST9120C5013	ST9141B1001	ST9160B1019	ST9160C1018

MANUFACTURER	OEM #	Q3200U BRACKET ^a
American Road Equip.	201W	A
Arco Air	1096048	D
	1380680	D
Armstrong Air	38322B001	A
Carrier/ Bryant/ Payne	LH33ZS001	B or E ^c
	LH33ZS001A	
	LH33ZS002	
	LH33ZS002A	
	LH33ZS003	
	LH33ZS003A	
LH33ZS004		
Claire Bros.	C-238	A
	C242	A
Coleman	1474-051	A
	1474-052	A
Comfort Maker	1096048	D
Detroit Radiant	201D	A
DMO Ind.	20834	A
Dornback Furnace	271W	A
Ducane	20015201	B
Enero Tech	10399	A
Evcon	1474-051	A
	1474-052	A
Evcon Coleman	025-32625-000	B
Goodman	B1401009	D
	B1401018	C
	B1401018S	D
HB Smith	50018	A
Heil	1096048	D
Hupp Industries	09050	A
Intercity	1009604	D
	1096048	D
Majestic	75-92-104	A
	75-92-105	A
Metzger	201N	A
	201W	A

MANUFACTURER	OEM #	Q3200U BRACKET ^a	
Modine	5H76032A	C	
Mor-Flo	3200618	A	
	511-330-193	B	
Nordyne	105141000	A	
	632-0770		
	632-0880		
	201		
Norton/St Gobain	271	B	
	201D	A	
	201K		
	201L		
	201N		
	201R		
	201W		
271N			
Raypak	600915	B	
	62-22441-01	A	
Rheem	90434300	B	
	90436600	A	
Robertshaw	41-402	A	
	41-403	B	
	41-404	B	
	41-405	A	
	41-407	B	
	41-408	A	
	41-409	B	
	41-410	A	
	41-412	D	
	41-418	C	
	Snyder General	1380654	B
		1380672	
1380680			
Superior Fireplace	94851	A	

MANUFACTURER	OEM #	Q3200U BRACKET ^a	
Tempstar	1096048	D	
Trane	340039P01	A	
	B138196P01	B	
	B144676P01	A	
	B144676P02	B	
	B340039P01	A	
	IGN23	A	
Viessman	IGN26	B	
	IGN30	B	
	IGN34	A	
	9302-094	A	
Wayne Home Equip.	62821-001	A	
	62821-002	A	
Weil McLain	511-330-139	B	
	511-330-190		
	511-330-193		
White LB	120-07549	A	
	767A-301	A	
White-Rodgers	767A-303	F	
	767A-306	A	
	767A-311		
	767A-350		
	767A-353		F
	767A-354		A
	767A-357		F
	767A-361		A
	767A-364		
	767A-366		
	767A-370		B
	767A-371		A
	767A-372		A
	767A-373		D
	767A-376		B
767A-377	A		
767A-382	B		
Williamson	9050	A	
York	025-27766-000	A	
	025-27774-000		
	025-29043-000		
	025-29050-000		

S9200U Universal Integrated Furnace Control

S9200U1000 Replaces These Integrated Furnace Controls		
	OEM Brand	SKU
	Amana	10207701, 10207702, 10207703, 10207710
	Goodman	1809913, 18099-13S, B180996, B1809906, B18099-6, B18099-06, B1809908, B18099-08, B1809910, B18099-10, B18009910, B180099-10, B1809913, B18099-13, B1809913S, B18099-13S, B18009913, B180099-13, CARB1809913S
	ICM	ICM280
	ICP	1010806, 1380-686, 1380-699
	Lennox	1214201
	Nordyne	624557, 6245570, 624557-0, 624564, 6245640, 624591, 624591A, 624591-B, 624591-C, 624591-D, 624628, 624628-0, 6246310, 624631-0, 624631A, 624631-A, 624631-B, 710128A, 902378, 902696, 903106, CAR903106
	Rheem/ Robert Shaw	62-24268-01, 62-24268-02, 695-200, 62-24268-03
	Texas Instruments	6DT-1, 6DT-2, 61F3, 41F-5
	United Technologies	1012-925A, 1012-925B, 1012-925C, 1012-955A, 1012955A, 1012-83-9651B, 1012-930, 1012933D, 1012-933D, 1012-83-9336AHSC1, 1012-83-9337A
	White-Rodgers	50A50-209, 50A50-230, 50T35730, 50T35-730, 50T35743, 50T35-743, 50A55-120, 50A55-286, 50A55-843, 50A50-143, 50A50-286, 50A50-438, 50A50-205, 50A50-206, 50A50-207, 50A50-142, 50A50-110, 50A50-111, 50A50-112, 50A50-113, 50A50-296, 50A55-143, 50A55-288, 50A50-285, 50A55-285, 50A50-288, 50A50-408, 50A50-241, 50A55-241
York	03100662000, 031-00662-000, 031-00662-700, 031-01140-000, 031-01140-001, 03101140002, 031-01140-002, 031-01140-701, 031-01140-702, 031-01234-000, 031-01235-000, 031-01234-700, 031-01235-700, 031-01250-000, 031-01266-000, 31-01267-00, 031-01267-000, 031-01267-001, 031-01267-001A, 031-01284-000, 031-01933-000, 031-01972-000, 031-01973-000, 031-02166-000, 031-09166-000, 031-09167-000, 331-01933-000, 331-01972-200, 331-09167-000, 43101972100, 431-01972-100, P03101267001, P031-01267-001, PTH031011400-00, CAR33101972200, CAR03101973000, CAR50A55843, G951ADB1401, G951ADB1401C, G951ADB-1401C, G951ADB1402, G951ADB-1402, G951AEB-1403, 031-00662, 031-01266-000	
Trane	D330927P01, D330930P01, D330934P01, D340035P01, D340354P01, D340774P01, D341235P01, 50A50-571, 50A55-571, 50A50-473, 50A50-474, 50A50-405, 50A50-406, 50A50-471	

* For wiring harness and timing specifications see installation guide.

^a Table data is correct to the best of Honeywell's knowledge as of this publication's date. However, some appliances may have igniter applications that are beyond the capabilities of this kit.

^b For igniters that require bracket A, use the template to determine the tab to be removed.

^c For Carrier sealed combustion furnaces, you must use bracket E and retain the existing orange gasket for use with bracket E.


Universal Gas Valve Selection Guide

	Trade Replacements (Double-check specifications before replacement)		Specifications				Accessories						Competitive Replacement (double-check specifications before replacement)		
	Universal Service Part	Direct Service Part Replacement	Opening Characteristics (standard, step)	Inlet/Outlet Size (in.)	Pressure Regulator Setting (psi)	Temperature Range	Includes						Honeywell	White-Rodgers	Robertshaw
							Q340 Thermocouple	3/4" x 1/2" Reducer Bushing	Natural to LP Conversion Kit	3/4" Straight Flange	1/2" x 3/8" Reducer Bushing	Remote Rod Adapter			
	VR8300A4516	VR8300A4508	Standard	3/4" x 3/4"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	Two	One	None	None	None	VR8300A4003, VR8300A4011, VR8300A4037, VR8300A4045, VR8300A4557, VR8300A4565	36C01-405,	720-406 (7200ER) 700-4000
		VR8300A3500	Standard	1/2" x 3/4"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	One	One	None	None	None	VR8300A3104, VR8300A3120, VR8300A3153, VR8300A3161, VR8300A3203, VR8300A3500, VR8300A3559, VR8300A3567, VR8300A3575	36C03-300, 36C03-400, 36C03-433, 36C03-258	720-404 (7200ER) 720-403 720-400 720-402
		VR8300A4516	Standard	3/4" x 3/4"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	One	Two	One	None	None	None	VR8300A4003, VR8300A4011, VR8300A4037, VR8300A4045, VR8300A4557, VR8300A4565		700-400
	VR8245M2530	VR8204A2076	Standard	1/2" x 1/2"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One	One	One	None	VR8204A1201, VR8204A1219, VR8204A2001, VR8204A2175, VR8204A2803, VR8204A2225		
		VR8204M1091	Standard	1/2" x 1/2"	3.5" wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	None	One	One	One	None	VR8204M1075	36E01-204, 36E01-205, 36E01-206, 36E01-305, 36E93-304	722-079 (2000IPERHC)
		VR8205A2024	Standard	1/2" x 1/2"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One	One	One	None	VR8205A2008	36G22-214, 36J22-214	722-051 (2000DERHC), 720-051
VR8345H4555	VR8245M2530	Standard	1/2" x 1/2"	3.5" wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	None	One	None	One	None	VR8205M1106, VR8205M2310, VR8205M2443, VR8205M2450, VR8205M2476	36E36-304, 36E22-214	720-079 (7200IPER), 720-080 (7200IPER-LP)	
	VR8205H1003	Slow	1/2" x 1/2"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	None	None	None	None	VR8305H4013, VR8305H4039, VR8205H2605			
	VR8304H4503	Slow	3/4" x 3/4"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One	None	None	None	VR8204H100		720-070 (7200IPER-S7C), 720-071 (7200IPER-S7C), 720-072 (7200IPER-S7C), 720-073 (7200IPER-LP-S7C)	
VR8345M4302	VR8345H4555	Slow	3/4" x 3/4"	3.5" wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	Two	One	None	None	None		36E98-304, 36E24-214, 36E52-214	700-052	
	VR8304M3509	Standard	1/2" x 3/4"	3.5" wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	One	One	None	None	None	VR8304M4002			
	VR8304M4507	Standard	3/4" x 3/4"	3.5" wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	Two	One	None	None	None				
	VR8305M3506	Standard	1/2" x 3/4"	3.5" wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	One	One	One	None	None	VR8305M4066, VR8305M4165, VR8305M4231	36G22-214, 36C68-423	720-051 (7200DER)	
VR8345Q4563	VR8345M4302	Standard	3/4" x 3/4"	3.5" wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	Two	One	None	None	None		36E36-304, 36C68-423		
	VR8205Q2555	2-Stage	1/2" x 1/2"	1.7" wc Low Fire; 3.5" wc High Fire	-40° to 175° F (-40° to 79° C)	None	None	One	None	One	None	VR8205Q2662, VR8205Q2746, VR8205Q2787, VR8205Q2381	36E54-214		
	VR8304Q4511	2-Stage	3/4" x 3/4"	1.7" wc Low Fire; 3.5" wc High Fire	-40° to 175° F (-40° to 79° C)	None	Two	One	None	None	None	VR8304Q4453	36C76-406, 36C76-420, 36C76-463		
	VR8305Q4500	2-Stage	3/4" x 3/4"	1.7" wc Low Fire; 3.5" wc High Fire	-40° to 175° F (-40° to 79° C)	None	One	One	None	None	None	VR8305Q4146, VR8305Q4138	36D13-208, 36D13-405, 36G54-214		
VR8200A2744	VR8345Q4563	2-Stage	3/4" x 3/4"	1.7" wc Low Fire; 3.5" wc High Fire	-40° to 175° F (-40° to 79° C)	None	Two	One	None	None	None		36E96-314, 36D13-405	720-082 (7200IPER2-4)	
	VR8200A2124	Standard	1/2" x 1/2"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	One	None	One	One	One	None	VR8200A2116, VR8200A2264, VR8200a2322		720-400 (7200ER), 720-402 (7200ER)	
	VR8200A2132	Standard	1/2" x 1/2"	3.5" wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One	One	One	None			720-400 (7200ER), 720-402 (7200ER)	
VS820A1088	VR8200A2744	Standard	1/2" x 1/2"	3.5" wc (0.87 kPa)	1° to 175° F (-18° to 79° C)	None	None	One	One + One Elbow	One	None	VR8200a2322			
	VS820A1054	Standard	3/4" x 3/4"	3.5" wc (0.87 kPa)	32° to 175° F (0° to 79° C)	None	Two	None	None	One	None	VS820A1005, VS820A1013, VS820A1047, VS820A1278, VS820A5204, VS820A1922	36C03U-300, 36C03U-333, 36C03U-400, 36C03U-433		
	VS820A1336	Standard	3/4" x 3/4"	10.0" wc (2.49 kPa)	32° to 175° F (0° to 79° C)	None	Two	None	None	One	None	VS820A1211, VS820A1740, VS820A1120, VS820A1898, VS820A1872, VS820A1906			
	VS820A1088	Standard	3/4" x 3/4"	3.5" wc (0.87 kPa)	32° to 175° F (0° to 79° C)	None	Two	One	None	One	Yes	VS820A1807, VS820A2003, VS820A1815, VS820A1039, VS820A2011			

The VS820A1054 is for natural gas. The VS820A1336 is for LP gas.
All the VR valves have inlet and outlet pressure taps. The VS820 valves have just an outlet pressure tap.

* For a complete cross reference visit www.customer.honeywell.com.

Universal Ignition Module Selection Guide

Product Number	Applications				Timings					Features and Functions				Cross-Reference			
	Ignition System	Flame Sensor	Ignition Sequence (Note 1)	Ignition Trials To Lockout (Note 1)	Ignition Trial Time	Between Trial Time	Pre-Purge	Flame Failure Response Time	Type of Gas	Ignition Source	Typical Ignition Hardware	Includes	Honeywell	White-Rodgers	Robert-Shaw	Johnson Controls	
	S8910U1000	Line Volt Hot Surface Ignition	1 or 2 Rods	P	1 or 3 Field Selectable	4 or 7 Sec. Field Selectable	96 Sec. - 3 Trial Mode Only	32 Sec.	1.5 sec.	Nat or LP	Switched Line Voltage	Norton 201, Norton 271, Hot surface elements, Q354 flame rod	S89C1004, S89C1012, S89C1046, S89C1087, S89C1103, S89D1002, S89G1005, S89G1013, S89G1021, S89G1047, S89H1003, S89H1011, S89H1029, S89J1008, S89C1007, S89D1006, S89G1003, S89G1011, S89G1029, S89G1037, S89H1002, S89H1010, S89H1028	50E47-1 thru 50E47-79, 50E47-101 thru 50E47-179, 50E47-201 thru 50E47-279, 50E47-301 thru 50E47-379, 50F47-1 thru 50F47-79, 50F47-101 thru 50F47-179, 50F47-201 thru 50F47-279, 50F47-301 thru 50F47-379	HS780-17NL-104A, HS780-17NL-108A, HS780-17NL-304A, HS780-17NL-308A, HS780-17NR-104A, HS780-17NR-306A, HS780-17NR-308A, HS780-34NL-108A, HS780-34NL-304A, HS780-34NL-306A, HS780-34NL-308A, HS780-34NL-312A, HS780-34NR-104A, HS780-34NR-306A, HS780-34NR-308A, HS780-34NR-312A, HS780-34PL-308A, 780-910		
	S8610U3009	Intermittent Pilot	1 or 2 Rods	C	C	15 Sec. or 90 Sec. Field Selectable	5-minute Delay After Failed Trial for Ignition	0 sec. or 30 sec. Field Selectable	2.0 Sec. Max	Nat or LP	Internal	Q345, Q3451, Q3452	Integral Damper Connector	S86 Series, S90 Series, S8600 Series, S8610 Series, S8620 Series, S8660 Series, S8670 Series, S8680 Series	50D49-350, 50D49-360, 50D49-361, 50D50-843, 50D-401	710-713, 715, 735-737, 780-002, 780-003, 780-701, 780-715, 780-735, 780-736, 780-737, 780-845, SP710, SP715, SP720, SP730, SP735, SP750 Series	CSA42, 43, 44, 45, 46, 48, 49, G60, G65, G67, G770 Series

Notes: 1. Ignition Sequence
 C Continuous retry.
 P The number of trials for ignition and trial time is determined by the selection tab. If a selection tab is not installed, the module will operate at four seconds trial time and one ignition trial.

* For a complete cross reference visit www.customer.honeywell.com.

SmartValve™ Selection Guide

Ignition/ Application	Universal Service Part	Opening Characteristics	Ambient Temperature Range	Includes			OEM Brands	Cross-Reference Replaces				
				Natural to LP Conversion Kit	3/4" x 1/2" Reducer Bushings	Extension Harness						
				HSI/Water Heater	SV9570A2518 SV9570A2526 (LP)	Standard Opening			0° to 150° F	No	None	No
Intermittent HSI Pilot with Combustion Air Control and Limit Monitoring/ Forced Air Furnace	SV9541Q2561	2-Stage	-40° to 175° F (-40° to 79° C)	Yes	None	No	ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite	SV9540Q2464, SV9541Q3098				
	SV9641M4510	Standard Opening		Yes	Two		ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite, Mestek, SlantFin	SV9541M2094, SV9540M2229, SV9540M2260, SV9640M4116, SV9640M4124, SV9540M2278, SV9540M2245, SV9640M3126, SV9640M4132				
Direct Ignition/ General Application	SV9510M2511	Standard Opening	-40° F to +175° F (-40° C to +79° C)	Yes	None	No	Modine	SV9510M2347, SV9510M2362, SV9410M2902, SV9510M2412, SV9510M2354, SV9410M2910, SV9510M2388, SV9510M2420				
	SV9520M2536	Slow Opening					Roberts Gordon	SV9520M2331, SV9520M2403, SV9420M2323				
	SV9510K2539	Fast-Slow Opening					Armstrong, Concord, AireEase	SV9510H2228, SV9510K2133, SV9510K2158, SV9510K2141, SV9510K2166				
	SV9520H8513	Standard Opening						SV9520H8042, SV9520H8034, SV9520H8067, SV9520H8026				
Intermittent HSI Pilot/ General Application	SV9601M4571	Standard Opening	-40° to 175° F (-40° to 79° C)	Yes	None	No	ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite	SV9601M4167, SV9601M3003, SV9601M4225				
	SV9501M2528						SV9501M2056, SV9501M2718, SV9501M2726, SV9501M2031, SV9501M2049, SV9501M2080, SV9501M2239, SV9501M2700, SV9501M2734, SV9501M2742, SV9501M2064					
	SV9501M8129	Fast-Fast						SV9501M8103				
	SV9502H2522	Slow Opening					Laars, Utica, Armstrong, Concord, AireEase	SV9501H3415, SV9501H2417, SV9501H2409, SV9502H1706, SV9502H2704, SV9501H3423, SV9501H2425				
	SV9602P4816	Step Opening					-40° to 175° F (-40° to 79° C)	None	Two	Yes	Burnham, ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite	SV9501P2004, SV9601P4107, SV9501P2053, SV9502P2101, SV9602P4105
	SV9602P4824										Burnham	SV9501P2087, SV9601P4172, SV9502P2127, SV9602P4121
	SV9602P4832										Burnham	SV9501P2020, SV9501P2046, SV9601P4149, SV9601P4164, SV9502P2119, SV9502P2135, SV9602P4113, SV9602P4139
	SV9602P4840											

Residential Combustion/Oil Burner/Boiler Controls

When it comes to burner and boiler controls, Honeywell has set the standard for oil-fired furnaces, boilers and water heaters. With a proven track record and a large installed base, there is a service part for nearly any application.

Honeywell AquaReset® Outdoor Reset Control

- Combines universal electronic oil Aquastat® with a simple to install energy saving outdoor reset solution
- System set-up through multi-function Aquastat display
- Available as a complete system or outdoor reset ready Aquastat add on kit
- Designed to improve boiler efficiency



R7284U1004 Universal Digital Oil Primary

- Field adjustable safety, valve-on delay and burner motor-off delay for universal application
- 16 character two line trilingual display provides simple programming and easy to read diagnostics
- Advanced diagnostics that direct the technician to the likely cause of ignition failure



L7224U Universal Oil Electronic Aquastat®

- Outdoor reset functionality when connected to W8735S1000
- Diagnostic LED, +/- 2° F accuracy and faster response times
- Easy installation with multiple knockouts, multizone control
- Adjustable high and low limit differential, high limit only or high plus low limit all in one



Honeywell AquaReset®

Product Selection									
Product Name	Part Number	Includes				Typical Applications			
Honeywell AquaReset System	L7224R1000	L7224U Aquastat, Honeywell AquaReset Module and Wired Sensor				Install as a replacement when an existing boiler needs a new control. ²			
Honeywell AquaReset Kit	W8735S1000	Honeywell AquaReset Module and Wired Sensor				Upsell as an add-on when installing a new boiler that comes from the OEM with an enabled L7224U or L7248 Aquastat. ²			
Honeywell Domestic Hot Water Kit	W8735S1008	DHW Module and Wired Pipe Temperature Sensor				Required to enable domestic hot water override on some applications. ³			
Selection Guide									
Product Number	Fuel		Low Limit		High Limit		Features and Functions		
	Gas	Oil	Operating Range, Low Limit	Differential Temperature, Low Limit	Operating Range, High Limit	Differential Temperature, High Limit	Switching Action	Anticipator Setting	Mounting
L7224R1000 and L7224U1002		•	110° to 220°F	10° to 25°F adj.	130° to 240°F	5° to 20°F adj.	3 SPST: High and Low Limit, Circulator	0.1 A	V/H/F
Cross-Reference Guide									
OS Number	Replaces	Mounting Orientation	High Limit	High Limit Difference	Low Limit	Low Limit Difference			
L7224R1000 and L7224U1002	L7124A1017, L7124A1025, L7224A1008, L7224A1016, L8124A1007, L8124A1015, L8124A1049, L8124A1098, L8124A1106, L8124A1114, L8124A1122, L8124A1130, L8124A1155	Well Mounted – Vertical	130° to 240° F	10° F	110° to 220° F	10° to 25° F			
	L7124C1005, L7224C1004, L8124C1003, L8124C1011, L8124C1029, L8124C1094, L8124C1102	Well Mounted – Horizontal	130° to 240° F	10° F	110° to 220° F	10° to 25° F			
	L7148A1019, L7248C1014, L8148A1009, L8148A1025, L8148A1033, L8148A1058, L8148A1066, L8148A1074, L8148A1082, L8148A1090, L8148A1116, L8148A1157	Well Mounted – Horizontal	180° to 220° F	15° F					
	L7148A1035, L7248C1006, L8148A1017, L8148A1065, L8148A1124, L8148A1140	Well Mounted – Horizontal	140° to 240° F	15° F					
	L7148A1050, L7248A1000, L8148A1157	Well Mounted – Vertical	180° to 220° F	15° F					
	L7248C1022	Flush Mounted – Vertical	140° to 240° F	15° F					

R7284U Universal Electronic Oil Primary Selection Guide

OIL PRIMARIES															
Ignition Type	Universal Service Part	R7184U Service Part	Specifications			Specifications		Cross-Reference							
			Lockout Time (sec.)	Valve On Delay (sec.)	Blower Off Delay (min.)	Alarm Contacts	Manual Trip Lever w/ LED Indicator	Honeywell	Beckett	Carlin	White-Rodgers				
Interrupted	R7284U1004	R7184U1004	15	0/15	0/2/4/6	Yes*	Yes	R7184U1004, R7184P1031, R7184P1049, R7184P1056, R7184P1064, R7184P1072	7505P125M	50200-02S, 602000-02S, 6020002S015120, 6020002S030015, 6020002S030015, 6020002S030030, 6020002S030120, 6020002S030300, 6020002S030010					
				15											
				15	0.25										
		R7184U1012	30	0/15	0/2/4/6		No					R7184A1026, R7184A1075, R7184A1000	7505A0000	40200-02S	669-640, 669-670
												R7184B 1024, R7184B1032, R7184B1016	7505B1500		
		R7184U1020	45	0/15	0/2/4/6	Yes*	No					R7184P1080, R7184P1098	7505P1515		
												R7184U1012			
												R7184A1018, R7184A1034		42230-02S	669-440, 669-445, 669-470, 669-540
												R7184U1020			
												R7184A1042			
Intermittent	R7284U1004	R7184U1004	15			Yes*		R8184G1294, R8184G1302, R8184G4066, R8184G4074, R8184G4033, R8184G4090, R8184G1427, R8184G4058	7505A0000		668-601, 668-670				
		R7184U1012	30					R8184G1393, R8184G1302, R8184G4074, R8184G4033		668-501					
		R7184U1020	45				Yes	R8184G1286, R8184G1427, R8184G1458, R8184G4009, R184G4025, R8184G4082, R8184G4108	48245-S	668-401, 668-0415, 668-430, 668-515					
							Yes*			668-430					
	R8184M1051	45						R8184M1002		668-441, 668-451, 668-454					



* W8735S3000 EnviraCOM alarm accessory module required

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Automation and Control Solutions

In the U.S.:
Honeywell
1985 Douglas Drive North
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In Canada:
Honeywell Limited
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Toronto, Ontario M1V 4Z9
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