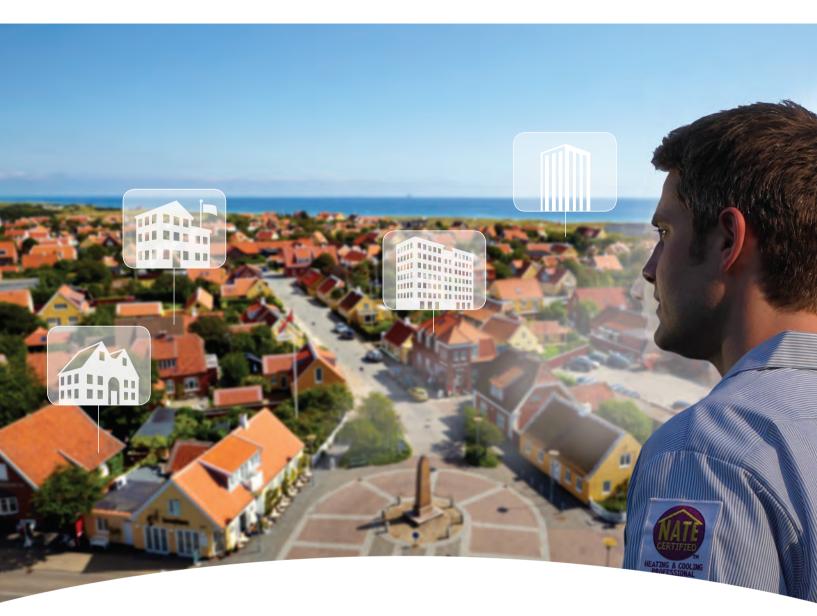
Residential and Light Commercial Products

Honeywell



Application Selection and Cross-Reference Guide

This is a legacy product document supported by Resideo. It is no longer manufactured.

Why Honeywell?

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 Wi-Fi/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.

Table of Contents

RESIDENTIAL HOMES

TOTAL CONNECT COMFORT	
Wi-Fi and RedLINK Systems Overview	4
RedLINK Accessories	8
HOME COMFORT SOLUTIONS	
Wireless Product Selection Guide	10
Programmable Thermostats	14
Non-Programmable Thermostats	16
Light Commercial	18
Zoning	20
Air Cleaners	24
Replacement Filters	28
Humidifiers	30
Dehumidifiers	34
Ultraviolet	36
Programmable/Non-Programmable Thermostat Selection Guide	37
Ventilation	40

WATER SOLUTIONS	44
Hydronic Controls	46
Potable Water Solutions	48
Zone Valves	50
Mixing Valves	52
RESIDENTIAL COMBUSTION	
RESIDENTIAL COMBUSTION Residential Combustion Overview	
	54
Residential Combustion Overview	54 66

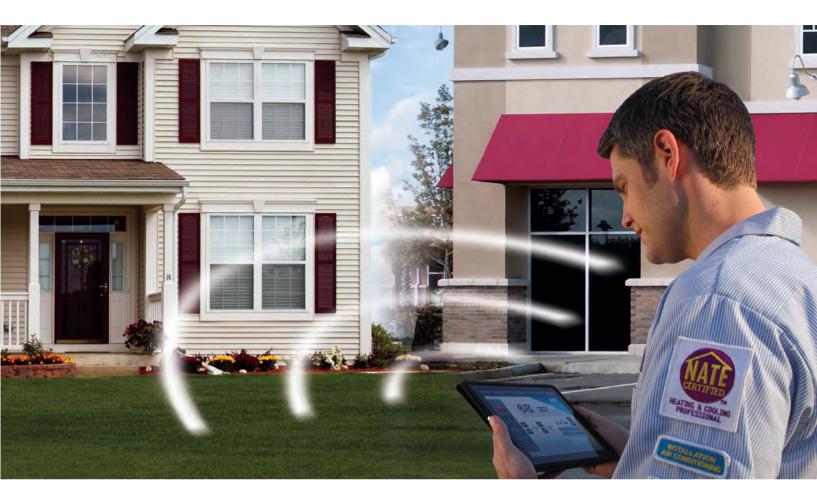
Products



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.

Get Totally Connected



Total Connect Comfort Services

Total Connect Comfort services provides access to remotely monitor and manage residential or light commercial heating and cooling systems - at anytime, from anywhere - through a PC, smart phone or tablet device. And, Total Connect is supported by both Wi-Fi and the exclusive RedLINK[™] wireless technology from Honeywell.



Wireless Technology



*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 Every time your customer visits the Total Connect Comfort web portal, or accesses the app 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





RedLINK[™] Wireless Systems

Wireless Technology

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 residential and light commercial 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, making it an excellent solution for light commercial jobs
- Zero interference with other wireless devices
- Internal safeguards continuously self-check the signal so it's never lost

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, All New VisionPRO, 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
- 5-Year Warranty on RedLINK Internet Gateway

RedLINK[™] is Reliability.

RedLINK[™] Wireless Products

Redesigned Prestige[®] IAQ

- 7-day programmable
- RedLINK technology
- 60% smaller than Prestige 2.0 and available in 4 colors
- Delta T Alerts and Diagnostics inform customers when their system is not operating as expected
- Residential or Light Commercial use
- User Interaction Log provides a searchable history of setting changes
- Assignable outputs for Indoor Air Quality and staging control
- Selectable staging options
- Customizable service reminders
- Up to 4H/2C Heat Pump or 3H/2C Conventional Systems
- Smart Schedule programs in seconds for any lifestyle
- Works with RedLINK accessories
- 5-Year Limited Warranty



Prestige[®] 2.0 Comfort Systems

- Residential or Light Commercial use
- User Interaction Log provides a searchable history of setting changes
- Assignable outputs for Indoor Air Quality and staging control
- Selectable staging options
- Customizable service reminders
- Up to 3H/2C Heat Pump or 2H/2C Conventional Systems
- Smart Schedule programs in seconds for any lifestyle
- Works with RedLINK accessories
- 5-Year Limited Warranty

The All-New VisionPRO® 8000

- Works with RedLINK accessories
- Residential or Light Commercial use
- Micro SD port for quick installer setup
- Plain language setup, no manual needed
- On screen dealer information
- Smart Schedule programs in seconds for any lifestyle
- Dual powered battery or hard wired
- Up to 3 Heat/2 Cool Heat Pump* or Up to 2 Heat/2 Cool Conventional*
- Up to 4 Heat/2 Cool Heat Pump or Up to 3 Heat/ 2 Cool Conventional when used with the Equipment Interface Module
- 5-Year Limited Warranty





Wireless FocusPRO[®] Systems

- Connects to the Internet when used with RedLINK Internet Gateway
- Wireless communication with to 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

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 and Wireless Outdoor Air Sensor
- 3-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 the Redesigned Prestige IAQ, Prestige 2.0 or All-New VisionPRO without running wires to the living space
- 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 Prestige IAQ, Prestige 2.0 or All-New VisionPRO without running wires
- Works with the Portable Comfort Control to conveniently control every zone from one device
- Works with the Wireless Outdoor Air Sensor to display outdoor temperature and humidity on all RedLINK-enabled devices
- 5-Year Limited Warranty







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RedLINK[™] Accessories

Connect to more sales with accessories. RedLINK accessories give homeowners the option of customizing their RedLINK Wireless Comfort System to achieve their control, comfort and convenience needs. With installation that requires no more than a few minutes and the touch of a button, RedLINK offers you the opportunity to increase profitability through add-on sales.

RedLINK Internet Gateway

THM6000R1002

- Connects any RedLINK[™] Comfort System to the Internet to provide your customers with remote access from their PC, smart phone or tablet
- No monthly fee, free app download
- Works with any Prestige IAQ /Prestige, All-New VisionPRO, Wireless FocusPRO and EConnect™
- · View/change system settings and access multiple systems/zones
- Allows users to remotely monitor and control their heating and cooling systems, including humidification and dehumidification - at anytime, from anywhere
- · Provides over 90 alerts through the Total Connect Comfort website
- · Upgrades automatically as new features become available

Wireless Indoor Air Sensor C7189R1004

- Works with the Redesigned Prestige IAQ, Prestige 2.0 and All-New VisionPRO
- 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 thermostat

Wireless Outdoor Air Sensor C7089R1013

- · Installs wirelessly with two simple screws and a touch of a button
- · Displays outdoor temperature and humidity on all RedLINK-enabled devices
- Weather-resistant cover and lithium batteries for reliable performance in every climate
- Up to a 5 year battery life

Portable Comfort Control REM5000R1001

- · Conveniently control temperature from any room
- Works with all RedLINK thermostats
- · Displays outdoor temperature and humidity when used with a Wireless Outdoor Air Sensor
- With zoning change the temperature in any zone from one device
- Can be paged with an audible noise from any RedLINK-enabled thermostat

Return/Discharge Air Temperature Sensor C7735A1000

- Works with Redesigned Prestige IAQ, All-New VisionPRO and Wireless FocusPRO
- · Provides Delta T alerts and diagnostics when used with Redesigned Prestige IAQ
- Return Air Sensor and Equipment Interface Module provides backup control of non-zoned RedLINK wireless systems
- Prevents icing on the air conditioning A-coil by burning off the compressor when the A-Coil low cutoff limit is reached on the Redesigned Prestige IAQ and All-New VisionPRO
- · Allows the Redesigned Prestige IAQ and All-New VisionPRO to control humidification in the cool mode for desert climates













Equipment Interface Module THM5421R1021

- Control heating, cooling and IAQ equipment with only 2 wires at the thermostat
- Heating, cooling and IAQ equipment wires to the Equipment Interface Module
- Used with the Redesigned Prestige IAQ and the All-New VisionPRO
- Vertical mounting
- · Hardwired with screw terminals
- Up to 4H/2C Heat Pump or up to 3H/2C Conventional

EIM with Return/Discharge Air Temperature Sensors YTHM5421B1010

- Control heating, cooling and IAQ equipment with only 2 wires at the thermostat. Heating, cooling and IAQ equipment wires to the Equipment Interface Module
- Includes THM5421R1021 Equipment Interface Module and two C7735A1000 Duct Sensors
- Used with the Redesigned Prestige IAQ
- Hardwired with screw terminals
- Up to 4H/2C Heat Pump or up to 3H/2C Conventional

Equipment Interface Module THM5320R1000

- Easily relocate thermostat or upgrade equipment without running new wires using this module and a wireless FocusPRO® thermostat
- Powered by RedLINK[™] reliability
- No interference with other wireless devices in the home
- Works with TH6320R1004 or TH5320R1002 Wireless FocusPRO® thermostats
- Up to 3 Heat/2 Cool Heat Pump or Up to 2 Heat/2 Cool Conventional
- Input for Return Air Sensor
- Quick-connect terminal blocks

Wireless Adapter

THM4000R1000

- Wireless Adapters allows easy addition of RedLINK[™] enabled thermostats to TrueZONE[™] systems.
- Add wireless humidity control with RedLINK-enabled TrueSTEAM. Works with Redesigned Prestige IAQ, Prestige 2.0 and the All-New VisionPRO

Wireless Entry/Exit Remote

REM1000R1003

- Works with the Redesigned Prestige IAQ, Prestige 2.0 and All-New VisionPRO
- Easily setback and recover thermostat control from anywhere in the home or building
- Ideal for managing your comfort and energy consumption especially with inconsistent schedules
- Interchangeable commercial / residential cover plates included
- One (1) Entry/Exit Remote can control up to sixteen (16) thermostats
- Each Redesigned Prestige IAQ, Prestige 2.0 or All-New VisionPRO thermostat can be linked to up to three (3) Entry/Exit Remotes

Wireless Vent and Filter Remote

HVC20A1000

- Works with the Redesigned Prestige IAQ, Prestige 2.0 and All-New VisionPRO
- Locate wireless boost remotes anywhere in the home where added ventilation is needed such as bathrooms, kitchens, basements or laundry rooms
- One-touch 20-40-60 minute ventilation and filtration boosts
- Up to six (6) Vent and Filter Boost Remotes can be connected to each RedLINK system
- · Use as a clean air filter boost with or without a ventilator









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Prestige and All-New VisionPRO Comfort Systems Selection G

	Model	Kit Includes	Stages (Dedicated Terminals)		Common Features	
Redesigned Prestige	AIAQ					
	YTHX9421R5085	Prestige IAQ System Kit Includes: Prestige IAQ HD Thermostat, Equipment Interface Module (EIM) and two duct sensors for alerts and diagnostics.	Up to 4H/2C Heat Pump	Equipment	Commercial	Power Supply
	YTHX9421R5101	Prestige IAQ System Kit Includes: Prestige IAQ HD Thermostat, Equipment Interface Module (EIM),Wireless Outdoor Temperature Sensor and two duct sensors for alerts and diagnostics.	& 3H/2C Conventional		Only allows temporary setpoint adjustments to conserve energy Keypad Lockout Initiate Occupancy Connect to the internet (THM6000R1002 required)	
Prestige 2.0				Uppt Dump	Remote setback using	
	THX9321R5030	Prestige 2.0 HD Thermostat.		Heat Pump (Geothermal & Air to Air) Forced Warm Air Hot Water	an occupancy sensor (THM5421R1021 Equipment Interface Module required)	24 VAC
	YTHX9321R5079	Prestige 2.0 System Kit Including: Prestige 2.0 HD Thermostat and Wireless Outdoor Sensor.	Up to 3H/2C Heat Pump & 2H/2C Conventional	Steam/Gravity	Pre-occupancy purge Economizer / Time of Day Commercial Dehumidification Options 365 day Holiday Schedule	
	YTHX9321R5061	Prestige 2.0 System Kit Including: Prestige 2.0 HD Thermostat, Portable Comfort Controland Wireless Outdoor Sensor.			(Preloaded and up to 25 customer events) Programmable fan Holiday Mode	
All New VisionPRO 8	000					
	TH8110R1008	RedLINK VisionPRO	1 Heat/1 Cool	Equipment	Commercial	Power Supply
The second se	TH8320R1003	RedLINK VisionPRO	Up to 3 Heat/2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	Heat Pump (Geothermal & Air to Air)	Only allows temporary setpoint adjustments to conserve energy Keypad Lockout Initiate Occupancy Connect to the internet (THM6000R1002 required) Remote setback using an occupancy sensor (THM5421R1021 Equipment	Hard Wired
	TH8321R1001	RedLINK VisionPRO	Up to 3 Heat/2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	Forced Warm Air Hot Water Steam/Gravity	Interface Module required) Pre-occupancy purge Economizer/ Time of Day Commercial Dehumidification Options 365 day Holiday Schedule (Preloaded and up to 25 customer events) Programmable fan Vacation Hold	or Battery

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					Wiring Terminals
RedLINK Accessories	Programming	Display	Alerts and Diagnostics	Limited Warranty	Prestige IAQ – R, C Equipment Interface Module – R, C
Displays Outdoor Temperature and Humidity (C7089R1013 Wireless Outdoor Air Sensor Required) Remote Indoor Temperature and Humidity Sensing (C7189R1004 Wireless remote indoor air sensor required)	7 Day	Touchscreen user interface 8 sq. in. display size (viewable) Customizable reminders (calendar and temperature based)	Alerts using dry contact inputs (THM5421R1021		W-O/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, S3, S3, S4, S4
Control indoor temperature and humidity from the internet (THM6000R1002 RedLINK Internet Gateway required) Remote Ventilation and Air Filtration Boost (HVC20A1000 Vent Boost Remote Required) Remote Setback and Comfort control at point of entry/exit (REM1000R1003 Entry/Exit Remote required)	programmable or Non- Programmable Residential or Commercial	Simultaneous display of room and set temperature Real time clock Interview based programming and installer set up USB port for uploading Dealer information and preset installer set up	Equipment Interface Module required) Filter, humidifier pad, and UV lamp replacement reminder User interaction log Alerts log	5-Year	C, R, Rc, W-0/B, W2-Aux/E, Y, Y2, G A-L/A, K, U1, U1, U2, U2
RedLINK Accessories	Programming	Display	Alerts and Diagnostics	Limited Warranty	R, Rc, W-0/B, Y, G, C, S1, S1, K
Displays Outdoor Temperature and Humidity (C7089R1013 Wireless Outdoor Air Sensor Required) Temperature control on demand (REM5000R1001 Portable Comfort Control Required) Remote Indoor Temperature and Humidity Sensing (C7189R1004 Wireless remote indoor air sensor required)	7 Day programmable or Non-	Touchscreen user interface 10 sq. in. display size (viewable) Customizable reminders (calendar and temperature based) Simultaneous display of room and set temperature	Alerts using dry contact inputs (THM5421R1021 Equipment Interface Module required) Filter, humidifier pad, and		R, Rc, W-O/B, W2-AUX/E, Y, Y2, A-L/A, G, C, S1, S1, K
Control indoor temperature and humidity from the internet (THM6000R1002 RedLINK Internet Gateway required) Remote Ventilation and Air Filtration Boost (HVC20A1000 Vent Boost Remote Required) Remote Setback and Comfort control at point of entry/exit (REM1000R1003 Entry/Exit Remote required)	Programmable Residential or Commercial	Real time clock Interview based programming and installer set up Micro SD port for uploading Dealer information and preset installer set up	UV lamp replacement reminder User interaction log Alerts log	5-Year	R, Rc, W-0/B, W2-AUX/E, Y, Y2, A-L/A, G, C, S1, S1, U1, U1, K

Wireless FocusPRO Systems (Non-Zoned)

	Model Kit Includes		Stages (Dedicated Terminals)	
Wireless Focu	ISPRO 6000			
	YTH6320R1122	Wireless FocusPRO System Kit Including: Wireless FocusPRO Thermostat, Equipment Interface Module (EIM), RedLINK Internet Gateway, Wireless Outdoor Sensor and Return Air Sensor		Equipment
	YTH6320R1114	Wireless FocusPRO System Kit Including: Wireless FocusPRO Thermostat, Equipment Interface Module (EIM), RedLINK Internet Gateway and Return Air Sensor	0 Thermostat, Equipment Interface LINK Internet Gateway and Return 2H/2C Conventional	
	YTH6320R1001	Wireless FocusPRO System Kit Including: Wireless FocusPRO Thermostat, Equipment Interface Module (EIM), and Return Air Sensor		 Steam/Gravity EIM Power Supply 24 VAC Thermostat Powered by Battery
Wireless Focu	ISPR0 5000			
	YTH5320R1116	Wireless FocusPRO System Kit Including: Wireless FocusPRO Thermostat, Equipment Interface Module (EIM) RedLINK Internet Gateway, Return Air Sensor	Up to 3H/2C Heat Pump & 2H/2C Conventional	 Heat Pump (Geothermal & Air to Air) Forced Warm Air Hot Water Steam/Gravity
	YTH5320R1000	Wireless FocusPRO System Kit Including: Wireless FocusPRO Thermostat, Equipment Interface Module (EIM), and Return Air Sensor	2H/2C COnventional	ElM Power Supply 24 VAC Thermostat Powered by Battery

EConnect Wireless Thermostats for Electric Heat

Model Number			
YTL9160AR1000	Equipment • Baseboard • Convector • Fan Forced Heater	 Specifications Color - Thermostat: White EIM: comes with White and Light Almond covers Switching - SPST Switching method - Relay 	Programming Options • 7-Day/5-2 Day • Energy Aware • Temporary Override • Permanent Hold
YTA7210-AR-SPK	Power Supply • Thermostat: 2 AA batteries, EIM: Hardwire	 Maximum Load - 1500 W @ 120 V, 3000 W @ 240 V Minimum Load - 50 W @ 120 V, 100 W @ 240 V 	Limited Warranty • 3-Year

	Common Features			Wiring Terminals	
Programming	Display	RedLINK Accessories	Limited Warranty		
5-1-1/5-2	 5.09 sq in Simultaneous Display of Room and Set Temperatures Real Time Clock Auto or Manual Changeover Filter, Humidifier Pad and UV Lamp Replacement Reminders Advanced Dual Fuel Heat Pump Operation 	 Portable Comfort Control (REM5000R1001) Wireless Outdoor Air Sensor (C7089R1013) Displays Outdoor Temperature and Humidity RedLINK Internet Gateway (THM6000R1002) 	5-Year	C,R,Rc,Rh,W-O/B, W2-Aux/E, Y, Y2, G, L, RAS, RAS	
Non-Programmable	 5.09 sq in Simultaneous Display of Room and Set Temperatures Auto or Manual Changeover Filter, Humidifier Pad and UV Lamp Replacement Reminders Advanced Dual Fuel Heat Pump Operation 	 Wireless Outdoor Air Sensor (C7089R1013) Displays Outdoor Temperature and Humidity Portable Comfort Control (REM5000R1001) Remote Indoor Temperature and Humidity Sensing RedLINK Internet Gateway (THM6000R1002) 	5-Year	C,R,Rc,Rh,W-O/B, W2-Aux/E, Y, Y2, G, L, RAS, RAS	

		Wiring Terminals
Display	Control	

• Temperature Control on Demand

- Portable Comfort Control (REM5000R1001) Required
- Connect to the Internet

- RedLINK Internet Gateway (THM6000R1002) Required
- 4.53 sq. in. Display Size (Viewable)
- On Demand Backlighting
- Temperature Limits
- Unoccupied input (Req. CT240 or CT241)
- 15' Floor Temperature Sensor

Equipment Interface Module - 3 Wire

Programmable Thermostats

Honeywell programmable thermostats are the #1 choice of consumers. Consumers appreciate the ease-of-use, 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.

Redesigned Prestige[®] IAQ

- 60% smaller than the original Prestige and available in 4 colors
- · Connects to the internet when used with RedLINK Internet Gateway
- Selectable for Residential or Light Commercial applications
- Delta T Alerts and Diagnostics
- Performance log keeps a history of Delta T and Runtime to indicate heating and cooling performance
- User Interaction Log provides a searchable history of setting changes
- Assignable outputs and inputs
- Smart Schedule-programs in seconds for any lifestyle
- Up to 4 Heat/2 Cool Heat Pump or Up to 3 Heat/2 Cool Conventional
- 5-Year Limited Warranty

Prestige[®] 2.0

- · Connects to the internet when used with RedLINK Internet Gateway
- Selectable for Residential or Light Commercial applications
- User Interaction Log provides a searchable history of setting changes
- Assignable outputs
- Smart Schedule-programs in seconds for any lifestyle
- Up to 3 heat/2 cool heat pump or 2H/2c conventional
- 5-Year Limited Warranty

All-New VisionPRO® 8000

Touchscreen 7-Day Programmable Thermostat with Message Center

- Works with RedLINK accessories
- Residential or Light Commercial use
- Micro SD port for quick installer setup
- Plain language setup, no manual needed
- On screen dealer information
- Smart Schedule programs in seconds for any lifestyle
- Dual powered battery or hard wired
- Up to 3 Heat/2 Cool Heat Pump* or Up to 2 Heat/2 Cool Conventional*
- Up to 4 Heat/2 Cool Heat Pump or Up to 3 Heat/ 2 Cool Conventional when used with the Equipment Interface Module
- 5-Year Limited Warranty

Wi-Fi VisionPRO®

7-day Programmable

- Remote access to the thermostat through a smart phone, tablet or computer
- Up to 3 Heat/2 Cool Heat Pump or 2 Heat/2 Cool Conventional
- Dual Fuel Control wth wired Outdoor Air Sensor
- Large 10-square-inch touchscreen display
- Requires common (C) wire
- 5-Year Limited Warranty



REDLINK Wireless Technology





Wireless Technology





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

VisionPRO[®] 8000 Touchscreen 7-Day Programmable

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

Wi-Fi FocusPRO[®]

7-day Programmable

- · Remote access to the thermostat through a smart phone, tablet or computer
- Up to 3 Heat/2 Cool Heat Pump and 2 Heat/2 Cool Conventional
- Large, clear backlit digital display
- 5-Year Limited Warranty

FocusPRO® 6000

5-1-1 Day Programmable

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

- 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



- Large 10-square-inch touchscreen displav
- 5-Year Limited Warranty







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

Connect[™] Wireless Comfort Control System

- RedLINK[™]-enabled wireless thermostat for electric heat
- Connects to the Internet
- · 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

PRO 4000 5-2 Day Programmable

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

PRO 2000 5-2 Day Programmable

- Horizontal and vertical options available
- Budget price

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





- Models available for 2H/1C heat pumps and 1H/1C applications
- 2-Year Limited Warranty



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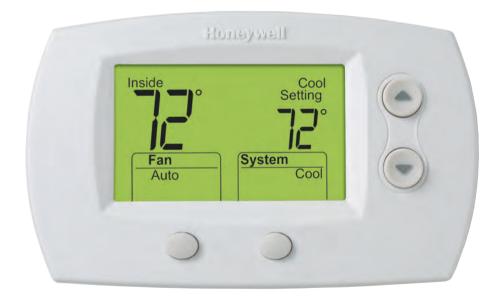


Non-Programmable Thermostats

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*
- * Internet compatibility





FocusPRO[®] 5000

- 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
- 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

















Light Commercial

Programmable Thermostats For Light Commercial Applications

Many of the features that make Honeywell thermostats popular with residential customers — easy-to-understand programming, precision control, attractive style and more — are also key elements in Honeywell light commercial thermostats. Honeywell then adds in energy-saving features designed exclusively for commercial applications and to meet commercial building codes. For a wide range of commercial markets, the ideal thermostat choice is Honeywell.



After-Hours Control In Office Buildings

- The Override button can be configured for 1, 2, 3 or 4 hours and for an exact override setpoint using the lockout level and temperature range stop setups. A user may override to an exact setpoint or be given a setpoint range to choose from.
- Provides comfort during after-hours occupancy while maintaining energy savings after the tenant leaves the building.



Schools – Individual Zone Control

- Cancel Period button allows thermostat to remain in permanent unoccupied mode to provide energy savings for school classrooms not being used.
- Teachers wanting to use a classroom press the Override button and the thermostat enters the occupied period to provide the necessary comfort.
- The Override button can be configured for 1, 2, 3 or 4 hours and for an exact override setpoint using the lockout level and temperature range stop setups. A user may override to an exact setpoint or be given a setpoint range to choose from.
- During long holidays or summer vacation, programming using the Holiday button provides the greatest amount of energy savings.

Product	OS Number
Redesigned Prestige IAQ	YTHX9421R5085 or YTHX9421R5101
All-New VisionPRO 8000	TH8110R1008, TH8320R1003 or TH8321R1001
Commercial VisionPRO 8000	TB8220U1003
CommercialPR0 7000	TB7220U1012
MultiPRO 7000	TB7100A1000



Restaurant/Food Service Control

- Honeywell's Commercial Algorithm provides the best comfort control to react to the challenging environments of food service and restaurant environments. The commercial algorithm is tuned to provide the tightest comfort control and react quickly to changing load demands via fast-sensing time constants.
- Economizer function allows restaurants to meet the appropriate ventilation requirements and is also important to balance the air intake of the restaurant. Restaurants that are not properly balanced do not achieve good comfort control as they draw in unconditioned air.
- Remote sensing configuration options allow the use of commercial 10K ohm and 20K ohm sensors to provide any remote sensing combination (1 to 9+ sensors) to create an averaging network.

Condominiums/Hotels

- Honeywell's MultiPRO[™] thermostat uses the patent pending VersaSpeed[™] fan ramping algorithm to give multiunit facilities such as hotels, condos, dorms and retirement facilities more control and additional savings through the elimination of unnecessary energy use.
- The fan coil and PTAC applications on the MultiPRO[™] make it a perfect thermostat for hotels or condominiums. (See our SuitePRO[™] thermostat, too.)

Redesigned Prestige IAQ[®] Programmable Touchscreen Thermostat with RedLINK™



- 60% smaller than the original Prestige and available in 4 colors
- Connects to the internet when used with RedLINK Internet Gateway
- Selectable for Residential or Light Commercial applications
- Delta T Alerts and Diagnostics
- Assignable outputs and inputs

- Performance log keeps a history of Delta T and Runtime to indicate heating and cooling performance
- User Interaction Log provides a searchable history of setting changes
- User Interaction Log provides a searchable history of setting changes
- Smart Schedule-programs in seconds for any lifestyle
- Up to 4 Heat/2 Cool Heat Pump or Up to 3 Heat/2 Cool Conventional
- 5-Year Limited Warranty

for any lifestyle

conventional

5-Year Limited Warranty

• Smart Schedule-programs in seconds

• Up to 3 heat/2 cool heat pump or 2H/2C

· Easy-to-use, menu-driven programming

Holiday setback and temporary overrideUp to 2H/2C Conventional or 3H/2C Heat Pump

· Commercial algorithms and configurable

All New VisionPRO[®] Programmable Touchscreen Thermostat with RedLINK

- Connects to the internet when used with RedLINK Internet Gateway
- Selectable for Residential or Light Commercial applications
- User Interaction Log provides a searchable
 history of setting changes
- Assignable outputs

Commercial VisionPRO 8000

Programmable Touchscreen Thermostat

- 7-day programmable or non-programmable
- Controls conventional or heat pump systems
- Title 24 compliant
- Economizer/time of day relay
- Multiple-screen lockout levels

CommercialPRO[®] 7000 Programmable Thermostat

- 7-day programmable or non-programmable
- Large easy-to-read display
- Controls conventional or heat pump systems
- Title 24 compliant
- Economizer/time of day relay

Multiple-screen lockout levels

recovery ramps

- Easy-to-use, menu-driven programming
- Holiday setback and temporary override
 - Up to 2H/2C Conventional or 3H/2C
- ConventionalCommercial algorithms and configurable recovery ramps

MultiPRO[™] 7000 Multi-Speed And Multipurpose Thermostat

- 7-day programmable or non-programmable
- Large easy-to-read display
- Controls conventional, heat pump systems, fan coil and PTAC systems
- Multiple fan speeds for fan coil and PTAC systems
- VeraSpeed ™ fan ramp algorithm for fan control
- Auto fan rest
- 1H/1C Conventional, 2H/1C Heat Pump or 2H/1C PTAC Systems and 2 or 4-pipe Fan Coil
- Remote setback inputss



REDLINK

Wireless Technology

72



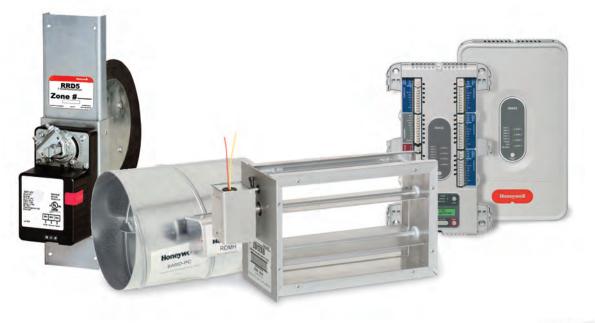


Zoning Systems

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
- 5-Year Limited Warranty





TrueZONE[®] Panel

HZ432

- 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)
- 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

HZ322

TrueZONE[®] Panel

- Controls single-stage, multi-stage conventional and heat pump equipment up to 2H/2C.
- Controls up to three zones
- Intuitive installer setup easy-to-follow, digital display uses real language to guide installer through four easy steps
- Common-sense LEDs
- RedLINK[™] wireless-enabled

HZ311 TrueZONE® Panel

- · Controls single-stage, conventional equipment
- Controls up to three zones
- Use virtually any four-wire thermostat

H7221 Panel

TrueZONE[®] Panel

- · Controls heat pumps with auxiliary back up heat
- Controls two zones
- Use with heat pump thermostats
- Common-Sense LEDs
- Variable-Speed Fan Control

ZD, ARD, RRD - Zone 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

CPRD TrueZONE Bypass Damper

- Innovative Dial Set Pressure Control
- Installs any orientation
- · Provides consistent pressure control regardless of blower speed
- Designed for easy installation with no external moving part





Home Comfort Solutions















Wireless Zoning Systems Selection Guide

		Solutions					
	Kit Includes:	Relocate Thermostat Without Running New Wires	Upgrade to Multi-stage or Add Cooling Without Ruming New Thermostat Wires	Add to a TrueZONE® System Without Running New Thermostat Wires	Add Duel Fuel Control Without Running Wires To Outdoor Sensor	Program Options	
Programmable Wireless Zoning Adapter Kit YTH6320R1023	Programmable FocusPRO and Wireless Adapter	•	•	•	•**	5-1-1/ 5-2/Day With Temporary and Permanent Hold	
Non-Programmable Wireless Zoning Adapter Kit YTH5320R1025	Non-Programmable FocusPRO and Wireless Adapter	•	•	•	•**		

Conventional and Networked Zoning System Selection Guide

	Model		Applic	ation			Installation		Function				Ci	ross-Refere	ence
Zone Control Panels and Kits		System Type	Number of Zones	Expansion Capacity	Includes	Terminals	Standardized Menu Driven Checkout Procedure	24V Power	Stage Control	Compatible with RedLINK™ Wireless Controls	Footprint	Limited Warranty	ECW	ZoneFirst	AprilAire
1 	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	•	•	Thermostat, Timer, or % of zones calling	•	8" X 13.5"	5-Year	ST-2, ST- 3, UZC, BMPlus, NCM- 300	MMZ3, MMH3, MZS4	6202, 6203, 6302, 6303, 6404
	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	•	•	Thermostat, Timer, or % of zones calling	•	8" X 13.5"	5-Year	ST-2, ST- 3, UZC, BMPlus, NCM- 300	MMZ3, MMH3, MZS4	6202, 6203, 6302, 6303, 6404
	HZ322	2 Heat / 2 Cool Conventional 2 Heat / 1 Cool Heat Pump	3	No	HZ322 TrueZONE Panel	Push Terminals. 2 Wires Per Terminal	•	•	Thermostat, Timer, or % of zones calling	•	8" X 11.5"	5-Year	ST-2, ST-3, BMPlus	MMZ3, MMH3	6202, 6203, 6302, 6303
	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	•	•	Thermostat, Timer, or % of zones calling		8" X 11.5"	5-Year	ST-2, ST-3, BMPlus	MMZ3, MMH3	6202, 6203, 6302, 6303
	HZ311	1 Heat/1 Cool Conventional	3	No	HZ311 TrueZONE Panel	Push Terminals. 2 Wires Per Terminal		•	NA		8" X 8.25"	5-Year	ST-2, ST-3	MMZ3	6202, 6203
	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		•	NA		8" X 8.25"	5-Year	ST-2, ST-3	MMZ3	6202, 6203
	HZ221	2 Heat/1 Cool Heat Pump with Auxiliary	2	No	HZ221 TrueZONE Panel	Push Terminals. 2 Wires Per Terminal		•	NA		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		•	NA		8" X 8.25"	5-Year			

Application	Power Method		Features an	d Functions		Limited Warranty
Stages		Permanent Memory Retention	Selectable Auto or Manual Changeover	Adaptive intelligent Recovery"/Early Start"	Temperature Setpoint Limits	
Up to 3H/2C Heat Pump or 2H/2C Conventional	FocusPR0 — Battery Wireless Adapter - Hardwired	•	•	•	•	5-Year
Up to 3H/2C Heat Pump or 2H/2C Conventional	FocusPR0 — Battery Wireless Adapter - Hardwired	•	•		•	5-Year

	Model	Applicatio	n			Insta	llation		Featur	es		Cross-Refere	nce
Dampers		Application	Actuation	Number of Wires	Range Stops	Voltage	VA	Motor Timing	Sizes	Limited Warranty	EWC	Zone First	April Aire
	ARD	Zone Damper For Flex or Rigid Round Ductwork	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-Year	RSD	RDS	6500 Series, 6600 Series
	EARD	Zone or Ventilation Damper for Flex or Rigid Round Ductwork	Spring Return Closed (Reversible)	2	Yes	24 V	6 VA	30 seconds open / 10 seconds spring return closed	5, 6, 7, 8	5-Year	RSD	RDS	6500 Series, 6600 Series
	ZD	Zone Damper for Rectangular Ductwork	Spring Return Open	2	Yes	24 V	6 VA	30 seconds closed / 10 seconds spring return open	6X6 to 28X20	5-Year	ND-RSD	ZD	6700 Series, 6800 Series
	RRD	Retrofit Zone Damper For Rigid Round Ductwork	Power Open / Power Closed	3	Yes	24 V	2.5 VA	90 seconds	5, 6, 7, 8	5-Year	SID		6706
	MARD	Zone or Motorized Bypass Damper For Flex or Rigid Round Ductwork	Power Open / Power Closed	3	Yes	24 V	2.1 VA	90 seconds	6, 8, 10, 12, 14, 16, 18	5-Year	URD	RDM	6200 Series
	TrueZONE Bypass CPRD	Constant Pressure Bypass damper for Flex or Rigid round Ductwork	Dial Set Pressure Control	0	No	NA	NA	NA	8, 10, 12, 14	5-Year	PRD, PRD-RD	SPRD	6900 Series
	SPRD	Barometric Bypass Damper for Flex or Rigid round Ductwork	Weighted Arm	0	No	NA	NA	NA	8, 10, 12, 14, 16	5-Year	PRD, PRD-RD	SPRD	6900 Series

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 air cleaning 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.

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 guiet operation for reduced callbacks
- Trade-only replacement filters for recurring replacement revenue
- 5-Year Limited 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 Limited Warrantv

F200

Whole-House Media Air Cleaner

- Captures up 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 Limited 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 Limited 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

















Air Cleaner Selection Guide

	Model	Туре	OS#	Size	Application		
						Rated Airflow	
and the			FH8000F1625	16x25		1600 CFM	
-			FH8000F2025	20 x 25		2000 CFM	1
	FH8000	Enhanced	FH8000A1620	16x20	Inline Air Filtration	1350 CFM	
TrueCLEAN™ Enhanced			FH8000A2020	20x20		1800 CFM	1
Whole-House Air Cleaners		-	FH8000A2520	25x20		2000 CFM	1
			F300E1001	16X20		1200 CFM	1
			F300E1019	16X25	Inline air	1400 CFM	1
	F300E		F300E1027	20X20	filtration	1400 CFM	1
			F300E1035	20X25		2000 CFM	1
			F300A1620	16X20		1200 CFM	-
and and a second se		Electronic	F300A1625	16X25		1400 CFM	1
F300 Whole-House			F300A2020	20X20	Inline air	1400 CFM	1
Electronic Air Cleaner	F300A,B		F300A2025	20X25	filtration	2000 CFM	1
			F300A2012	20X12.5		1000 CFM	
			F300B2012	20X12.5		1000 CFM	
F52F Return Grille	FFOF		F52F1048	20X12.5	Overlagt and over all the	1000 CFM	
Cleaner	F52F	Electronic Return Grille	F52F1055	20X25	Central return grille	2000 CFM	1
			F200E1003	16X20		1200 CFM	
	50005	Marke (F200E1011	16X25	Inline air	1400 CFM	
	F200E	Media	F200E1029	20X20	filtration	1400 CFM	1
F200 Whole-House Media Air Cleaner			F200E1037	20X25		2000 CFM	
			F100F2028	16X20		1200 CFM	
			F100F2002	16X25		1400 CFM	1
-	FIDDE		F100F2036	20X20	Inline air	1400 CFM	1
	F100F	Media	F100F2010	20X25	filtration	2000 CFM	1
F100 Whele Haves Ms #-			F100F2044	25X20		2000 CFM	1
F100 Whole-House Media Air Cleaner			F100F2051	25X22		2000 CFM	1

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.

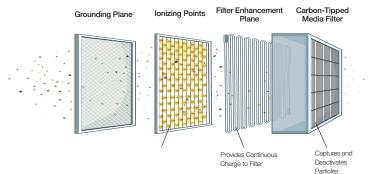
Step 2: Capture

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.

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

STEP 1

STEPS 2 & 3



Step 3: Destroy

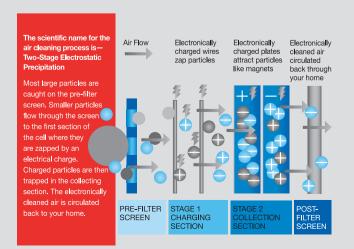
Once particles are captured, the charging strips on opposite sides of the carbon-tipped media filter continue to charge and deactivate particles. Particles are trapped and destroyed inside the filter, with deactivation rates of captured particles exceeding 99%.**

^{*}Full ASHRAE testing performed at 492 FPM. ASHRAE 52.2 test of 3.0 to 10.0 micron particles performed at 492 FPM.

	Features a	nd Functions			Warranty					
Electric Rating	Efficiency (MERV not applicable to electronic air cleaners)	Initial Pressure Drop at Arted airflow	Replacement Filter/ Postfilter	Maintenance Cycle						
			FR8000F1625							
120V	MERV 15 at 492 FPM			FR8000F2025						
	0.3 to 1.0 microns=90% 1.0 to 3.0 microns=96%	0.22 - 0.25 in w.c	FR8000A1620	Replace filter = up to 1 year	5-Year					
208-230 VAC	3.0 to 10.0 microns=98%		FR8000A2020							
			FR8000A2520							
	Initial efficiency at 295 FPM		50000293-001							
	0.3 to 1.0 microns=91%		50000293-002	Vacuum prefilter $=$ up to 6 months						
120V	1.0 to 3.0 microns=98%	0.05 in. w.c. at 295 FPM	50000293-003	Wash cells = up to 1 year Replace posfilter = 6 months	5-Year					
	3.0 to 10.0 microns=100%		50000293-004	neplace positiver = o monuls						
120V			50000293-001							
120V			50000293-002							
120V	Initial efficiency at 492 FPM 0.3 to 1.0 microns=78%	0.15 in. w.c. at 295 FPM						50000293-003 Vacuum n	Vacuum prefilter = up to 3 months	
120V	1.0 to 3.0 microns=92%		50000293-004	Wash cells = up to 1 year	5-Year					
120V	3.0 to 10.0 microns=97%		50000293-004							
240V			50000293-004							
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.		Vacuum prefilter = up to 3 months Wash cells = up to 1 year	5-Year					
			FC200E1003							
	MERV 13 at 492 FPM 0.3 to 1.0 microns=63%	0.01	FC200E1011	Destas (line and states)	5 March					
	1.0 to 3.0 microns=90% 3.0 to 10.0 microns=97%	0.3 in. w.c.	FC200E1029	Replace filter = up to 1 year	5-Year					
	0.0 to 10.0 microno=0770		FC200E1037							
			FC100A1003							
	MERV 11 at 492 FPM		FC100A1029]						
	0.3 to 1.0 microns = 32%	0.22 in wo	FC100A1011	Poplage filter – up to 1 vac-	5-Year					
	1.0 to 3.0 microns=72%	0.23 in. w.c.	FC100A1037	Replace filter = up to 1 year	o-rear					
	3.0 to 10.0 microns=96%		FC100A1037]						
			FC100A1037							

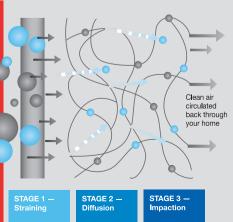
Media Filters, which filter the air using webs of polypropylene fibers. Honeywell offers several media air cleaners and replacement filters, including space and time saving products like the PopUP™ media replacement filter.

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.



Media Filters clean the air in three ways – straining, interception and diffusion.

In the first stage, larger particles are strained out of the air like cooked pasta is strained when poured into a colander. Smaller particles pass through this straining stage, and are jostled by random collisions with air molecules in the media filters, which causes diffusion. This diffusion causes many particles to collide with and stick to the fibers in the process of impaction. The filter-cleaned air is circulated back through your home.



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.

	Madal	00#	
	Model	OS#	
- Ooutuiduo			
Cartridge		FR8000F1625	
and the second se		FR8000F2025	_
	FR8000	FR8000A1620	
-		FR8000A2020	
I		FR8000A2520	
Site		FC200E1003	
	50000	FC200E1029	
	FC200	FC200E1011	
and a second sec		FC200E1037	
		FC100A1003	
		FC100A1029	
A COLORED OF COLORED	FC100	FC100A1011	
		FC100A1037	
		FC100A1052	
PopUP™		FC100A1045	
		POPUP1620	
		POPUP1625	
and the second second	POPUP	POPUP2020	
		POPUP2025	
and the second se		POPUP2200	_
Perfect Fit™		POPUP2400	
		TRN1427T1	
		TRN1727T1	
	-	TRN2121T1	_
	TDN		_
	TRN	TRN2127 T1	
		TRN2321T1	
		TRN2427T1	
		TRN2621T1	
Return Grille		FC40D1004	
	-	FC40R1094 FC40R1037	_
	-	FC40R1102	
		FC40R1110	
		FC40R1128	
	-		
THE DECK	-	FC40R1128 FC40R1045 FC40R1169	
20.20		FC40R1128 FC40R1045 FC40R1169 FC40R1052	
20,20	FC40 -	FC40R1128 FC40R1045 FC40R1169 FC40R1052 FC40R1050	
20.30	FC40	FC40R1128 FC40R1045 FC40R1059 FC40R1052 FC40R1060 FC40R1136	
	FC40	FC40R1128 FC40R1045 FC40R1169 FC40R1052 FC40R1060 FC40R1136 FC40R1185	
20.20	FC40	FC40R1128 FC40R1045 FC40R1169 FC40R1052 FC40R1060 FC40R1136 FC40R1185 FC40R1830	
20.20	FC40	FC40R1128 FC40R1045 FC40R1169 FC40R1052 FC40R1060 FC40R1136 FC40R1185	
20.30 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	FC40	FC40R1128 FC40R1045 FC40R1169 FC40R1052 FC40R1160 FC40R1136 FC40R1185 FC40R1830 FC40R1003	
20.30	FC40	FC40R1128 FC40R1045 FC40R1052 FC40R1052 FC40R1136 FC40R1185 FC40R1830 FC40R1003 FC40R1144	
20.20	FC40	FC40R1128 FC40R1045 FC40R1052 FC40R1052 FC40R1136 FC40R1185 FC40R1830 FC40R1003 FC40R1144 FC40R1011	
20.20	FC40	FC40R1128 FC40R1045 FC40R1052 FC40R1050 FC40R1060 FC40R1136 FC40R1185 FC40R1830 FC40R1103 FC40R1103 FC40R1103 FC40R1114 FC40R1011 FC40R1029	
	FC40	FC40R1128 FC40R1045 FC40R1052 FC40R1050 FC40R1060 FC40R1136 FC40R1185 FC40R1003 FC40R1011 FC40R10178	
	FC40	FC40R1128 FC40R1145 FC40R1045 FC40R1052 FC40R1052 FC40R1060 FC40R1136 FC40R1185 FC40R103 FC40R1011 FC40R1011 FC40R1029 FC40R1078 FC40R1177 FC20R1625	
	FC40	FC40R1128 FC40R1045 FC40R1052 FC40R1050 FC40R1060 FC40R1136 FC40R1185 FC40R1003 FC40R1011 FC40R1029 FC40R1078 FC40R1177 FC20R1625 FC20R2020	
		FC40R1128 FC40R1145 FC40R1045 FC40R1052 FC40R1052 FC40R1060 FC40R1136 FC40R1185 FC40R103 FC40R1011 FC40R1011 FC40R1029 FC40R1078 FC40R1177 FC20R1625	

Size			Fi	ts				Features and	Functions
					ž				
	FH8000	F100	F200	Aprilaire®	Perfect Fit"	Rated Airflow	Efficiency	Initial Pressure Drop at Rated Airflow	Maintenance Cycle
					i				
16x25	•	•	•	•	•	1600 CFM		0.25 in w.c.	
20x25	•	•	•	•	•	2000 CFM		0.25 in w.c.	
16x20 20x20	•	•	•	•	•	1350 CFM	MERV 15	0.22 in w.c.	Replace Filter every 6 to 12 months
20x20	•	•	•	•	•	1800 CFM 2000 CFM		0.25 in w.c. 0.22 in w.c.	
16x20x4		•	•			1200 CFM		0.22 11 11.0.	
16x25x4		•	•			1400 CFM			
20x20x4		•	•			1400 CFM	MERV 13	0.31 in. wc	Replace filter every 6 to 12 months
20x25x4		•	•	•		2000 CFM			
16x20x4		•	•			1200 CFM			
16x25x4		•	•			1400 CFM			
20x20x4		•	•			1400 CFM	MERV 11	0.24 in.wc	Replace filter every 6 to 12 months
20x25x4		•	•	•		2000 CFM			
20x12.5x4 21.5x27.5x4	-		F27F1032 F27F1057			1000 CFM 2000 CFM			
ETTOKETTOKT						2000 0111			
16x20x5		•	•			1200 CFM			
16x25x5		•	•			1400 CFM]		
20x20x5		•	•			1400 CFM	MERV 11	0.24 in. wc	Replace filter every 6 to 12 months
20x25x5		•	•			2000 CFM			
20x25x5 16x28x5				•		2000 CFM 2000 CFM			
10,20,3						2000 01 1			
14.5x27x5						1400 CFM			
17.5x27x5						1600 CFM			
21.5x21x5						1600 CFM			
21x27x5						2000 CFM	MERV 10	0.17 in. wc	Replace filter every 6 to 12 months
23.5x21.5						1800 CFM		0.17 11. 00	
24x27x5						2500 CFM			
26x21x5						2000 CFM			
12x12x4						500 CFM			
12x24x4						1000 CFM			
14x14x4						680 CFM			
14x20x4	_					972 CFM			
14x24x4	-					1167 CFM			
14x25x4 14x30x4	-					1215 CFM 1458 CFM			
16x20x4	-					1111 CFM			
16x25x4						1389 CFM		0.12 in. wc	
18x24x4						1500 CFM	MERV 10	at 2 cfm per sq. in.	Replace filter every 6 to 12 months
18x18x4						1125 CFM	-		
18x30x4	Re	places 1 i	nch filters i	in filter gri	les	1875 CFM			
20x20x4 20x24x4	-					1389 CFM 1667 CFM			
20x24x4 20x25x4						1736 CFM			
20x30x4				2083 CFM					
24x24x4			2000 CFM						
24x30x4	4x30x4			2500 CFM					
16x25x2				1389 CFM					
20x20x2						1389 CFM		0.18 in. wc	
20x25x2	1					1736 CFM	MERV 8	at 2 cfm per sq. in.	Replace filter every 3 to 6 months
	-							por oq. III.	
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 Limited Warranty



* Select models only.

Replacement Parts

- In-line scale and sediment water filter requires no compression fittings to plumb inline
- AglON[™] 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.



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 Limited 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

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 Limited 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 Limited Warranty

TruelAQ® 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 Limited Warranty

- Up to 18 gallons per day
- Common sense interface
- · User-friendly pad access from the front of the unit
- Quick connect plumbing
- 5-Year Limited Warranty









Whole-House Humidifier Selection Guide

	Model	Туре								
			Gallons Per Day (GPD) Liters Per Day (LPD)	GDP Requires Plenum Air Temperature Of 120° F	Gallons Humidity Deliv- ered: Gallsons Water Wasted	Square Footage Covered (up to)	Warranty (years)	User Friendly Pad Access	Interchangeable Bypass	User Friendly Mounting
Steam Humidification			_							
Transmission and the second	HM512VPIAQ	Steam	12GPD	NO	1:1	3,000	5			•
	HM512H8908	Steam	12GPD	NO	1:1	3,000	5			•
	HM509H8908	Steam	9G	NO	9	2,500	5			•
TrueSTEAM™	HM506H8908	Steam	6G	NO	6	2,000	5			•
	YHM512VR01	Steam and RO Filtration	12GPD	NO	****	3,000	5			•
	YHM512HR01	Steam and RO Filtration	12GPD	NO	****	3,000	5			•
	YHM509HR01	Steam and RO Filtration	9GPD	NO	****	2,500	5			•
TrueSTEAM [™] and R0I	YHM506HR01	Steam and RO Filtration	6GPD	NO	****	2,000	5			•
Fan Powered Humidification										
FrueEASE™	HE300A1005	Evaporative Pad/Fan	18G	YES	1:2	3,000	5	•		•
Evaporative Humidification										
	HE100A1000	Evaporative Pad	12G	YES	1:4	2,000	5	•	•	•
	HE100C1001**	Evaporative Pad	45L (12G)	YES	1:4	2,000	5	•	•	•
ie man i	HE150A1005	Evaporative Pad	12G	YES	1:2.8	2,000	5	•	•	•
	HE150C1014**	Evaporative Pad	45L (12G)	YES	1:2.8	2,000	5	•	•	•
	HE200A1000	Evaporative Pad	17G	YES	1:4	2,500	5	•	•	•
	HE200C1001**	Evaporative Pad	64L (17G)	YES	1:4	2,500	5	•	•	•
TrueEASE™	HE250A1005	Evaporative Pad	17G	YES	1:2.8	2,500	5	•	•	•
	HE250C1014** HE225H8908	Evaporative Pad	64L (17G) 12G	YES	1:2.8	2,500	5	•	•	•
	HE225A1014**	Evaporative Pad	45L (12G)	YES	1:4	2,000	5			
-	HE265H8908	Evaporative Pad	17G	YES	1:4	2,500	5			
HE225 & HE265	HE265A1234**	Evaporative Pad	64L (17G)	YES	1:4	2,500	5			

*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

F	eatures	s and Fi	inctions												Cross Re	ference
PerfectFLO Distribution Tray	Quick Connect plumbing	Integrated Damper	Automatic Damper (Energy Savings)	LED User Interface	Humidity on Demand	RedLINK TM 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	Aprilaire®	GeneralAire®
	•			•	•	•	•	•	•*	•			•		Model 1150/800	DS15 Elite Steam
	•			•	•	•	•	•		•				•	Model 1150/800	DS15 Elite Steam
	•			•	•	•	•	•		•				•	Model 1150/800	DS15 Elite Steam
	•			•	•	•	•	•		•				•	Model 1150/800	DS15 Elite Steam
	•			•	•	•	•	•	•*	•		•	•	•	Model 1150/800	DS15 Elite Steam
	•			•	•	•	•	•		•		•		•	Model 1150/800	DS15 Elite Steam
	•			•	•	•	•	•		•		•			Model 1150/800	DS15 Elite Steam
	•			•	•	•	•	•		•		•		•	Model 1150/800	DS15 Elite Steam
·	•	•		•	•			•	•*	•	•				Model 700/760	Model 1000
•	•	•						•	•*	•	•				Model 550	Model 570
•	•	•						•	•*	•	•				Model 550	Model 570
•	•	•	•	•	•			•	•*	•	•				Model 550	Model 570
•	•	•	•	•	•			•	•*	•	•				Model 550	Model 570
•	•	•						•	•*	•	•				Model 560/600	Model 900
•	•	•						•	•*	•	•				Model 560/600	Model 900
•	•	•	•	•	•			•	•*	•	•				Model 560/600	Model 900
•	•	•	٠	•	•			•	•*	•	•				Model 560/600	Model 900
		•						•		•	•			•	Model 550	Model 570
•								•		•	•			•	Model 550	Model 570
		•						•		•	•			•	Model 560/600	Model 900
•								•		•	•			•	Model 560/600	Model 900

vell 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		Featur	es		Servio	ce-Contract F	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®	HealthyAir®
0	DR65	DR65A2000	65	5.2 A	Yes	160 CFM	R-410A	Onboard manual dehumidistat	MERV 11	•	•		50033205- 009	50018995- 001	EARD 6	Model 1700	DVA400H
0	DR90	DR90A2000	90	5.9A	Yes	235 CFM	R-410A		MERV 11			•	50049536- 003	50018995- 001	EARD 6	Model 1700	DVA400H
8	DR120	DR120A2000	120	7.3A	Yes	350 CFM	R-410A		MERV 11		•	•	50035445- 020	50018995- 001	EARD 6	N/A	N/A

Ultraviolet Treatment Systems

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 that not only improve the indoor air quality, but can also increase equipment operation and efficiency.

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 Limited 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 Limited 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 Limited 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	Appli	cation						Featur	es and Fu	nctions		
				nance			ovides .ower		SmartL	amp™ Tec	hnology		
		Air Treatment	Surface Treatment	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	Air Flow Sensor Extends Bulb Life	Bulb Cycles to Extend Bulb Life	Protection From Harsh Conditions	Bulb Life Indicator	EnviracCOM [™] Communications	Kill Rate*
0.0	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.

					Upgrade C	ross-Reference			
Recommended Application	Voltage	Limited Warranty	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		

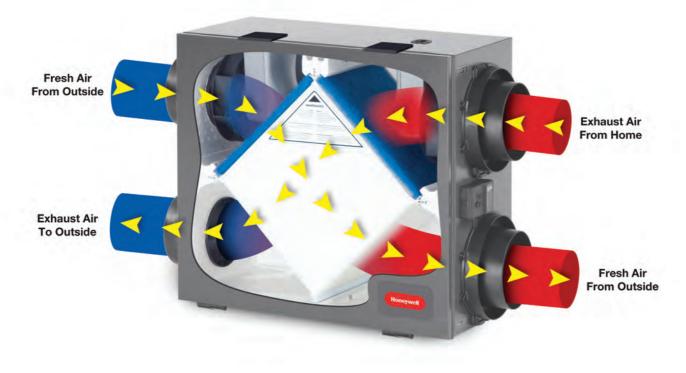
Whole-House Ventilation Systems

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 Limited Warranty

* Select models only.



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 Limited Warranty



TrueFRESH[™] Balanced Ventilation Systems Heat Recovery Ventilators (HRV)

- 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 Limited 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 Limited 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 Limited Warranty



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



Redesigned Prestige IAQ

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.



All-New VisionPRO

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



TruelAQ®

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.

Wireless Vent and Filter Remote

A 20/40/60 minute ventilation timer that can be placed anywhere in the home where added ventilation or filtration is needed.

Ventilation System



Selection Guide

Туре		Application			Perfor	mance			Featu	res and Fun	ctions		Warranty
	Heat Transfer	Moisture Transfer	Automatic Defrost	Net Supply Airflow © 0.2 in. wg	Sensible Recovery Efficieness	Total Recovery Efficiency	Input Current (amps)	Fan Speeds	Furnace Fan Interlock	HVI Certified	Insulated Cabinet	Washable Core	Limited Warranty
				_									
Energy Recovery Ventilator	•	•	•	185 CFM	67%	49%	1.5A	2	•	•	•	Yes	5-Year
Energy Recovery Ventilator	•	•	•	200 CFM	69%	53%	1.5A	2	•	•	•	Yes	5-Year
Heat Recovery Ventilator	•		•	192 CFM	78%		1.5A	2	•	•	•	Yes	5-Year
Heat Recovery Ventilator	•		•	229 CFM	71%		1.5A	2	•	•	•	Yes	5-Year
												1	
Economy Ventilation							0.25		•				5-Year
Economy Ventilation							0.25		•				5-Year
Exhaust Ventilation Control, White							Max Load 2.5A						5-Year
Exhaust Ventilation Control, Biscuit							Max Load 2.5A						5-Year
										1	1	1	
20-40-60 Minute													5-Year
20-40-60 Minute													5-Year

* Performance per CAN/CSA-C439-88

Water Solutions

With 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.

Honeywell

- 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 Limited Warranty

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

Hone	eywell		Gr	undfos	Tac	0	Bell & Gossett	Armstrong	W	ilo
Model	Pump Length	Speed	Single Speed	3-Speed	Single Speed	3-Speed			Single Speed	3-Speed
		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
PC3F1558IUF00	6.5"	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							Star 5 S16 Low
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		Series 100		Star 17 FX	S21 Med
		Low					NRF-33			Star S21 Low
		High	UP43-44F UP43-44F-FC	UPS43-44 High UPS43-44-FC High			HV H-32	E16		
PC3F4344IUF00	8.5"	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.

Water Solutions/Hydronic Controls

When selecting a 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





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
- Zone of greatest demand control for increased energy efficiency with reduced boiler cycling
- Compatible with most digital thermostats*
- Dedicated 2-wire polarity insensitive thermostat allows for maximum efficiency

*Thermostats must have dry contact terminals

Switching Relays R8845/RA889

- Provide switching of line- and low- voltage devices from a line- or low- voltage controller in oil-fired or gas-fired hydronic heating systems
- One model replaces several competitive models
- Replacement relay common to other Honeywell hydronic replacement controls
- Two troubleshooting LEDs and a push-to-test button

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*

*Thermostats must have dry connect terminals **Available on 5000 series model only



- Provides precise and automatic control of room temperature in two-pipe systems
- Continually monitors and adjusts room temperature for consistent comfort
- Valve seat disc is made of resilient material (EPDM), ensuring tight shutoff on steam or hot water systems
- Actuator provides comfort and energy savings for individual room control

V200 Series Standard Capacity Thermostatic Radiator Valve and T100 Radiator Actuator

- Continuously monitors and adjusts room temperature for consistent comfort
- Valve seat disc is made of resilient material (EPDM), ensuring tight shutoff on steam or hot water systems
- Actuator provides comfort and energy savings for individual room control
- Radiator valves one-pipe steam TRV (V2043HSL10) includes 1/8" NPT connection, angle pattern valve body and steam vent











Water Solutions/Potable Water Solutions

When selecting a potable 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





AMX300 Series

Point of Source 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)
- Value Locking Clip included
- Helps prevent scalding injuries
- Reduces risk of legionella in water heater
- Get up to 50% more usable hot water

AMX Series

Point of Source Thermostatic Mixing Valve

- Patent-pending DirectConnect[™] design for fast installation
- Integrated recirculation port allows for optional recirculation
- Available in multiple connection types
- Teflon coated wear surfaces for extended service

AM-1 Series Point of Source 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

Point of Use 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*

DS06 Series DialSet Pressure Regulating Valve

- Built-in adjustment dial eliminates the need for gauge when adjusting the static pressure setting
- The internal and external threading allows for use in thread-by-thred single-union or doubleunion configurations
- Noncorroding unitized cartridge contains all the working parts and is easily replaceable
- Outlet Pressure Adjustment ranges are suitable for household, light commercial, industrial and turf-and-irrigation applications
- Inlet pressure of 400 psi
- Flexibility to work in a variety of applications reduce inventory
- Includes tap on front and back for optional pressure gauge

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













Ventilation and Zone Valve Selection Guide

Picture	Model				Specification	15	
		Connection Type	Connection Size	Cv	Max GPM	Max Operating Temp	Max Pressure (psi)
PV Series SuperVent®	PV075/U	NPT	3/4"	13	10	240° F (110° C)	125
r v Series Supervent	PV075S/U	Sweat	3/4"	13	10	240° F (110° C)	125
	PV100/U	NPT	1"	22	16	240° F (110° C)	125
	PV100S/U	Sweat	1"	22	16	240° F (110° C)	125
and the second s	PV125/U	NPT	1 1/4"	38	28	240° F (110° C)	125
Ho	PV125S/U	Sweat	1 1/4"	38	28	240° F (110° C)	125
litev	PV150/U	NPT	1 1/2"	53	38	240° F (110° C)	125
A E A	PV200/U	NPT	2"	95	62	240° F (110° C)	125
	PVU075/U	Universal	3/4"	3.6	10	240° F (110° C)	125
Contraction of the second	PVU100/U	Universal	1"	6.2	16	240° F (110° C)	125
and the second sec	PVU125/U	Universal	1 1/4"	10.5	28	240° F (110° C)	125
	PVU150/U	Universal	1 1/2"	14.3	38	240° F (110° C)	125
SuperVent® Top	SV173	NPT	3/8"	N/A	N/A	240° F (115° C)	150
*Includes check valve	SV175	NPT	1/2"	N/A	N/A	240° F (115° C)	150
FV Series GoldTop™	FV180	NPT	1/8"	N/A	N/A	240° F (115° C)	150
	FV180A	NPT	1/4"	N/A	N/A	240° F (115° C)	150
Ψ	FV183	NPT	3/4"	N/A	N/A	240° F (115° C)	150

Zone Valve Selection Guide

Picture	Model			Specifications			
		Connection Type	Connection Size	Connectability	Cv	Max Close-off Pressure (psi)	Max Fluid Temperature
	V8043A5011/U	Sweat	1/2"	Lead Wires	3.5	20	200° F (93° C)
	V8043A5029/U	Sweat	3/4"	Lead Wires	3.5	20	200° F (93° C)
	V8043E5004/U	Sweat	1/2"	End Switch, Lead Wires	3.5	20	200° F (93° C)
	V8043E5012/U	Sweat	3/4"	End Switch, Lead Wires	3.5	20	200° F (93° C)
	V8043E5020/U	Sweat	1"	End Switch, Lead Wires	3.5	20	200° F (93° C)
- A	V8043E5061/U	Sweat	3/4"	End Switch, Lead Wires	8	8	200° F (93° C)
-	V8043E5079/U	Sweat	1"	End Switch, Lead Wires	8	8	200° F (93° C)
	V8043F5036/U	Sweat	3/4"	End Switch, Screw Term.	3.5	20	200° F (93° C)
5000 Series	V8043F5051/U	Sweat	1"	End Switch, Screw Term.	3.5	20	200° F (93° C)
	V8043F5093/U	Sweat	3/4"	End Switch, Screw Term.	8	8	200° F (93° C)
	V8043A1011/U	Sweat	1/2"	Lead Wires	3.5	20	200° F (93° C)
	V8043A1029/U	Sweat	3/4"	Lead Wires	3.5	20	200° F (93° C)
	V8043B1027/U[1]	Sweat	3/4"	Lead Wires	3.5	20	200° F (93° C)
	V8043E1004/U	Sweat	1/2"	End Switch, Lead Wires	3.5	20	200° F (93° C)
	V8043E1012/U	Sweat	3/4"	End Switch, Lead Wires	3.5	20	200° F (93° C)
	V8043E1020/U	Sweat	1"	End Switch, Lead Wires	3.5	20	200° F (93° C)
	V8043E1061/U	Sweat	3/4"	End Switch, Lead Wires	8	8	200° F (93° C)
	V8043E1079/U	Sweat	1"	End Switch, Lead Wires	8	8	200° F (93° C)
	V8043F1036/U	Sweat	3/4"	End Switch, Screw Terminals	3.5	20	200° F (93° C)
	V8043F1051/U	Sweat	1"	End Switch, Screw Terminals	3.5	20	200° F (93° C)
	V8043F1093/U	Sweat	3/4"	End Switch, Screw Terminals	8	8	200° F (93° C)
	V8043F1101/U	Sweat	1"	End Switch, Screw Terminals	8	8	200° F (93° C)
1000 Series	V8043F1135/U[2]	Sweat	3/4"	End Switch, Screw Terminals	3.5	20	200° F (93° C)
	V8044A1010/U[3]	Sweat	1/2"	Lead Wires	4	20	200° F (93° C)
	V8044A1044/U[3]	Sweat	3/4"	Lead Wires	7	10	200° F (93° C)
	V8044E1011/U[3]	Sweat	3/4"	End Switch, Lead Wires	7	10	200° F (93° C)

		F	eatures & Function	S			Upgrade Cro	oss-Reference	
Materials	90 Degree Rotation Vent	360 Degree Rotating Vent Collar	Stainless Steel Concentrator	Dirt Baffle	Removable Vent Assembly	Spirotherm	Тасо	Danfoss	B&G
Bronze	•	•	•	•	•	VJR075FT	49-075	551045DNF	EASB-3/4 JR
Bronze	•	•	•	•	•	VJS075FT			EASB-3/4S JR
Bronze	•	•	•	•	•	VJR100TM	49-100	551046DNF	EASB-1 JR
Bronze	•	•	•	•	•	VJS100TM			EASB-1S JR
Bronze	•	•	•	•	•	VJR125TM	49-125	551047DNF	EASB-1-1/4 JR
Bronze	•	•	•	•	•	VJS125TM			EASB-1-1/4S JR
Bronze	•	•	•	•	•	VJR150TM	49-150	551048DNF	EASB-1-1/2 JR
Bronze	•	•	•	•	•	VJR200TM		551049DNF	
Bronze	•	•	•	•	•	VJV075FT			
Bronze	•	•	•	•	•	VJV100FT			
Bronze	•	•	•	•	•	VJV125FT			
Bronze	•	•	•	•	•				
Brass				•	•	VTP050FT	409		
Brass				٠	•	VTP050FT	409		
Brass							400	FV-4M1 0590715	97
Brass							426	FV-4M1 0590716	
Brass							418	FV-4M1 0590723	86

		Fe	atures & Functio	ns			Upgrade Cross-Reference				
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		
•	•	•	•	•	•	•	VT2213G13A020		Z421433		
•	•	•	•	•	•	•	VT2313G13A020		Z421533		
•	•	•	٠	•	•	•	VT2213G13A02A	13S16-101	Z411433		
•	•	•	٠	•	•	•	VT2313G13A02A	13S16-102	Z411533		
•	•	•	٠	•	•	•	VT2413G13A02A	13S16-103	Z411633		
•	•	•	•	•	•	•	VT2317G13A02A		Z411537		
•	•	•	•	•	•	•	VT2417G13A02A	13SH16-103	Z411637		
•	•	•	•	•	•	•	VT2313G13A01A		Z451533		
•	•	•	•	•	•	•	VT2413G13A01A		Z451633		
•	•	•	•	•	•	•	VT2317G13A01A		Z451537		
		•		•		•	VT2213G13A020				
		•		•		•	VT2213G13A020				
		•		•		•	VT2313G23A020	13S05-102			
		•		•		•	VT2213G13A02A	13S16-101	Z44		
		•		•		•	VT2213G13A02A	13S16-102	Z45		
		•		•		•	VT2415G13A02A	13S16-103			
		•		•		•	VT2317G13A02A	13SH16-102			
		•		•		•	VT2417G13A0SA	13SH16-103	Z46		
		•		•		•	VT2413G13A01A				
		•		•		•	VT2413G13A01A				
		•		•		•	VT2317G13A01A		Z55		
		•		•		•	VT2417G13A01A		Z56		
		•		•		•	VT2413G13A01A				
		•		•		•	VT3213G13A020				
		•		•		•	VT3317G13A020				
		•		•		•	VT3317G13A02A				

Mixing Valve Selection Guide

Picture	Model	Temp Range	Certification	n		Applicatio	on		Features and
				Low Lead Option Available*	Point-of- Use	Point-of- Source	Heating Only (High Temp Range)	Connection Type	Connection Size
Point-of-Source					1				
N. P.	AMX300T (8" Model)	100-145° F (38-62° C)		•		•		NPT	3/4"
*CV Rating varies with mixed water temperature. See installation manual for details.	AMX302T (11" Model)	100-145° F (38-62° C)		•		•		NPT	3/4"
AMX Mixing Valves	AMX100-US-1	90-130° F (32-54° C)	ASSE1017	•		•		US	1/2"
	AMX101-US-1	90-130° F (32-54° C)	ASSE1017	•		•		US	3/4"
	AMX102-US-1	90-130° F (32-54° C)	ASSE1017	•		•		US	1"
	AMX100-UT-1	90-130° F (32-54° C)	ASSE1017	•		•		UT	1/2"
	AMX101-UT-1	90-130° F (32-54° C)	ASSE1017	•		•		UT	3/4"
	AMX102-UT-1	90-130° F (32-54° C)	ASSE1017	•		•		UT	1"
	AMX100-UCPVC-1	90-130° F (32-54° C)	ASSE1017	•		•		UCPVC	1/2"
	AMX101-UCPVC-1	90-130° F (32-54° C)	ASSE1017	•		•		UCPVC	3/4"
	AMX100-UPEX-1	90-130° F (32-54° C)	ASSE1017	•		•		UPEX	1/2"
	AMX101-UPEX-1	90-130° F (32-54° C)	ASSE1017	•		•		UPEX	3/4"
	AM100-1	100-145° F (38-62° C)	ASSE 1017 ASSE 1017	•		•		NPT UCPVC	1/2" 1/2"
-	AM100-UCPVC-1 AM100-UPEX-1	100-145° F (38-62° C) 100-145° F (38-62° C)	ASSE 1017 ASSE 1017	•		•		NPT	1/2"
	AM100C-1	80-120° F (27-49° C)	ASSE 1017	•		•		NPT	1/2"
	AM100C-UCPVC-1	80-120° F (27-49° C)	ASSE 1017	•		•		UCPVC	1/2"
	AM100C-UPEX-1	80-120° F (27-49° C)	ASSE 1017	•		•		UPEX	1/2"
	AM101-1	100-145° F (38-62° C)	ASSE 1017	•		•		NPT	3/4"
AM-1 Series Mixing Valves	AM101-UCPVC-1	100-145° F (38-62° C)	ASSE 1017	•		•		UCPVC	3/4"
	AM101-UPEX-1	100-145° F (38-62° C)	ASSE 1017	•		•		UPEX	3/4"
	AM101C-1	80-120° F (27-49° C)	ASSE 1017	•		•		NPT	3/4"
	AM101C-UCPVC-1 AM101C-UPEX-1	80-120° F (27-49° C) 80-120° F (27-49° C)	ASSE 1017 ASSE 1017	•		•		UCPVC	3/4" 3/4"
	AM102-1	100-145° F (38-62° C)	ASSE 1017	•		•		NPT	1"
	AM102C-1	80-120° F (27-49° C)	ASSE 1017	•		•		NPT	1"
	AM100-US-1	100-145° F (38-62° C)	ASSE 1017	•		•		US	1/2"
	AM100C-US-1	80-120° F (27-49° C)	ASSE 1017	•		•		US	1/2"
	AM101-US-1	100-145° F (38-62° C)	ASSE 1017	•		•		US	3/4"
-	AM101C-US-1	80-120° F (27-49° C)	ASSE 1017	•		•		US	3/4"
	AM102-US-1	100-145° F (38-62° C)	ASSE 1017	•		•		US	1" 1"
	AM102C-US-1 AM100-UT-1	80-120° F (27-49° C) 100-145° F (38-62° C)	ASSE 1017 ASSE 1017	•		•		US	1/2"
-	AM100-01-1 AM100C-UT-1	80-120° F (27-49° C)	ASSE 1017	•		•		UT	1/2"
	AM101-UT-1	100-145° F (38-62° C)	ASSE 1017	•		•		UT	3/4"
	AM101C-UT-1	80-120° F (27-49° C)	ASSE 1017	•		•		UT	3/4"
	AM102-UT-1	100-145° F (38-62° C)	ASSE 1017	•		•		UT	1"
	AM102C-UT-1	80-120° F (27-49° C)	ASSE 1017	•		•		UT	1"
Point-of-Use	AM10001070 //0.4	70 100° E /01 40° 0	ACCE 1070 8 ACCE 1017	-	-	-		110	1/01
AM-1 1070 Mixing Valves	AM100C1070-US-1 AM100C1070-UCPVC-1	70-120° F (21-49° C) 70-120° F (21-49° C)	ASSE 1070 & ASSE 1017 ASSE 1070 & ASSE 1017	•	•	•		US	1/2" 1/2"
	AM100C1070-UPEX-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017 ASSE 1070 & ASSE 1017	•	•	•		UPEX	1/2"
	AM101C1070-US-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017	•	•	•		US	3/4"
	AM101C1070-UCPVC-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017	•	•	•		UCPVC	1/2"
	AM101C1070-UPEX-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017	•	•	•		UPEX	1/2"
	AM102C1070-US-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017	•	•	•		US	1"
	AM100C1070-UT-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017	•	•	•		UT	1/2"
*Union CPVC & PEX connections available	AM101C1070-UT-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017	•	•	•		UT	3/4"
Heating ONLY - Not for Potable U	AM102C1070-UT-1	70-120° F (21-49° C)	ASSE 1070 & ASSE 1017	•	•	•		UT	1"
	AM100R-US-1	70-180° F (21-82° C)					•	US	1/2"
AM-1 R Models (Heating Only)	AM100R-US-1	70-180° F (21-82° C)					•	US	3/4"
	AM102R-US-1	70-180° F (21-82° C)					•	US	1"
	AM100R-UT-1	70-180° F (21-82° C)					•	UT	1/2"
	AM101R-UT-1	70-180° F (21-82° C)					•	UT	3/4"
	AM102R-UT-1	70-180° F (21-82° C)					•	UT	1"
	AM100R-UPEX-1	70-180° F (21-82° C)					•	UPEX	1/2"
T I	AM101R-UPEX-1	70-180° F (21-82° C)					•	UPEX	3/4"
	AM102R-UPEX-1	70-180° F (21-82° C)						UPEX	1"

Functions				Competitive Cross-Ref	erence			
CV	Internal Check Valve	Cash Acme	Conbraco	Danfoss	Powers	Тасо	Watts	Wilkins
2.1*								
2.1*								
2.1								
4.0	•						^ 	
4.0	•							
4.0	•							
4.0	•							
4.0	•			PATENT NO. 7,74	4,007			
4.0	•							
4.0	•							
4.0	•							
3.2			TV-T 1/2"	30 MR				
3.2 3.2			TV-T 1/2" TV-T 1/2"	30 MR 30 MR				
3.2	•	110-D 1/2", 160 1/2"		30 HR 1/2" NPT, 30 HV 1/2" NPT	E480			ZW1070
3.2	•	110-D 1/2", 160 1/2"		30 HR 1/2" NPT, 30 HV 1/2" NPT	E480			ZW1070
3.2 3.8	•	110-D 1/2", 160 1/2" 115-H 3/4"	TV-T 3/4"	30 HR 1/2" NPT, 30 HV 1/2" NPT	E480			ZW1070
3.8		115-H 3/4"	TV-T 3/4"					
3.8		115-H 3/4"	TV-T 3/4"					
3.8	•	110-D 3/4", 160 3/4"		30 HR 3/4" NPT, 30 HV 3/4" NPT				ZW1017MM, ZW1070
3.8 3.8	•	110-D 3/4", 160 3/4" 110-D 3/4", 160 3/4"		30 HR 3/4" NPT, 30 HV 3/4" NPT 30 HR 3/4" NPT, 30 HV 3/4" NPT				ZW1017MM, ZW1070 ZW1017MM, ZW1070
4.3		115-H 1"						201017000
4.3	•	110-D 3/4", 160 3/4"		30 HR 3/4" NPT, 30 HV 3/4" NPT				ZW1017MM, ZW1070
3.9	•	110-H 1/2"	34A 1/2", TV-S 1/2" 34B 1/2"		E400.0	5002-C1	MMV US 1/2", 1170 US 1/2"	7111070
3.9 3.9	•	110-D 1/2", 160 1/2" 110-H 3/4"	34B 1/2 34A 3/4", TV-S 3/4"	30 HR 1/2" US, 30 HV 1/2" US	E490-2	5003-C1	WIWIV US 1/2", 1170 US 1/2"	ZW1070
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
3.9	•	110-H 1"	34A 1"					
3.9 3.9	•	110-D 1", 160 1"	34B 1"		E492-2		MMV US 1", 1170 US 1"	ZW1017MM, ZW1070
3.9	•	110-D 1/2", 160 1/2"	34B 1/2"		E490-1		MMV UT 1/2", 1170 UT 1/2"	
3.9	•		34A 3/4"					
3.9	•	110-D 3/4", 160 3/4"	34B 3/4"		E491-1		MMV UT 3/4", 1170 UT 3/4"	
3.9 3.9	•	110-D 1", 160 1"	34A 1" 34B 1 "		E492-1		MMV UT 1", 1170 UT 1"	
1.8	•							
1.8	•							
1.8 1.8	•							
1.8	•							
1.8	•							
1.8 1.8	•							
1.8	•							
1.8	•							
3.9			34H 1/2"					L1170 US 1/2"
3.9			34H 3/4"				L1170 US 3/4"	21170 00 1/2
3.9			34H 1"				L1170 US 1"	
3.9			34H 1/2"				L1170 UT 1/2"	
3.9 3.9			34H, 34C 3/4" 34H / 34C 1"				L1170 UT 3/4" L1170 UT 1"	
3.9			34H 1/2"				L1170 UT 1/2"	
3.9			34H, 34C 3/4"				L1170 UT 3/4"	
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, which means time lost is money lost. With a part strategy that includes Honeywell's

Universsal products, you'll have the right party nearly every time.

Q314U/Q345U/Q348U/Q3451U

Universal Pilot Burners

- Replace over 120 Honeywell and OEM pilot burners for standing or intermittent pilot applications
- Adjustable Target-style or batwing hoods depending on model
- For Natural and LP applications

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.
- 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 195 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







VR8345/VR8245

Universal Electronic Ignition Gas Valve

- Wide-capacity control for almost any IP, HIS or DSI gas-fired appliances
- Compact fit simplifies field replacement
- Use with 24 VAC, 50/60 Hz heating appliances, using natural, manufactured or LP gas
- Capacities from 20 to 200 (VR8245) cfh or 30 to 415 (VR8345) cfh natural gas
- True dual-redundant gas valve design

VR8300 Universal Standing Pilot Gas Valve

- Combination gas controls for use in 24 VAC, 50/60 Hz gas fired, standing pilot appliances with capacities from 30 to 300 cfh natural gas
- Includes safety shutoff, 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



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Universal Pilot Burners

Q314U Standing Pilot

- Target-style pilot burner
- Three position adjustable hood



Q314U Cr	'oss F	Refere	nce			
Part Number	Use Hood	Set Hood	Orifice*	Compression Fitting	Bracket	Gas Type
Q314A3471	AS	L	As Shipped	1/8 in.	No	NAT
Q314A3513	AS	F	As Shipped	1/4 in.	Yes	NAT
Q314A3547	AS	L	As Shipped	1/4 in.	Yes	NAT
Q314A3679	AS	L	As Shipped	1/4 in.	No	NAT
Q314A3687	AS	F	As Shipped	1/4 in.	No	NAT
Q314A3703	AS	L	Green Bag	1/4 in.	No	LP
Q314A3729	AS	R	As Shipped	1/4 in.	No	NAT
Q314A3737	AS	F	As Shipped	1/4 in.	No	NAT
Q314A3802	AS	F	Green Bag	1/4 in.	No	LP
Q314A3828	AS	F	Green Bag	1/4 in.	No	LP
Q314A4586	AS	F	•	1/4 in.	•	•
Q314A6094	AS	L	•	1/4 in.	•	•
Q314A6102	AS	R	•	1/4 in.	•	•
Q314A6557	AS	F	As Shipped	1/4 in.	No	NAT
Q314A6631	AS	F	As Shipped	1/8 in.	No	NAT
Q314A6862	AS	F	•	•	No	•
Q314A6946	AS	L	As Shipped	1/4 in.	No	NAT
Q314A6953	AS	L	Green Bag	1/4 in.	No	LP
Q314A6961	AS	R	As Shipped	1/4 in.	No	NAT
Q314A9015	AS	R	As Shipped	1/4 in.	Yes	NAT
Q314U1001	•	•	•	•	•	•
Q350A1065	LB	F	Pink Bag	1/4 in.	No	NAT
Q350A1222	LB	L	Pink Bag	1/4 in.	No	NAT
Q350A1271	LB	R	Light Blue Bag	1/4 in.	No	NAT
Q350A1305	LB	R	Pink Bag	1/4 in.	No	NAT
Q350A1321	LB	L	Pink Bag	1/4 in.	No	NAT
Q350A1545	LB	L	Pink Bag	1/4 in.	Yes	NAT
Q350A1644	LB	L	Pink Bag	1/8 in.	No	NAT
Q350A1677	LB	L	Pink Bag	1/8 in.	No	NAT
Q350A1859	LB	R	Yellow Bag	1/4 in.	No	LP
Q350A1867	LB	L	Yellow Bag	1/4 in.	Yes	LP
Q350A2097	LB	F	Light Blue Bag	1/4 in.	No	NAT
Q350A2212	LB	F	Pink Bag	1/4 in.	No	NAT
Q350A2287	LB	R	•	•	Yes	•

 As Shipped
 BCR-18
 0.018 in.

 Yellow Bag
 BBF-8
 0.008 in.

 Green Bag
 BBR-10
 0.010 in.

 Pink Bag
 CAR-12
 0.012 in.

Light Blue Bag CAR-13 0.013 in.

Q345U

Intermittent Pilot

- Target-style pilot burner
- Three position adjustable hood



Part Number	Set Hood	Orifice*	Compression Fitting	Bracket	Gas Typ
Q345A1008	L	Orange Bag	1/4 in.	No	NAT
Q345A1016	L	Gray Bag	1/4 in.	No	LP
Q345A1024	F	Orange Bag	1/4 in.	No	NAT
Q345A1065	F	Orange Bag	1/4 in.	Yes	NAT
Q345A1156	F	As Shipped	1/4 in.	No	NAT
Q345A1305	F	Orange Bag	1/4 in.	•	NAT
Q345A1313	L	Orange Bag	1/4 in.	•	NAT
Q345A1321	R	Orange Bag	1/4 in.	•	NAT
Q345A1446	L	Red Bag	1/4 in.	Yes	LP
Q345A1701	F	Orange Bag	1/4 in.	No	NAT
Q345A1750	F	Orange Bag	1/8 in.	No	NAT
Q345A1818	L	Orange Bag	1/8 in.	No	NAT
Q345A2030	L	As Shipped	1/4 in.	No	NAT
Q345A2055	F	As Shipped	1/4 in.	No	NAT
Q345A2196	L	As Shipped	1/4 in.	Yes	NAT
Q345A2360	L	Orange Bag	1/4 in.	No	NAT
Q345A2386	L	Red Bag	1/4 in.	No	LP
Q345A2402	L	As Shipped	1/4 in.	No	NAT
Q345A2816	L	Orange Bag	1/4 in.	No	NAT
Q345A2824	L	Gray Bag	1/4 in.	No	LP
Q345AFA	F	•	•	Yes	•
Q345AFB	F	•	•	No	•
Q345AFK	F	•	•	No	•
Q345AKB	R	•	•	No	•
Q345ALA	L	•	•	Yes	•
Q345ALB	L	•	•	No	•
Q345U1005	•	•	•	•	•

 As Shipped
 BCR-20
 0.020 in

 Orange Bag
 BCR-18
 0.018 in.

 Gray Bag
 BBR-12
 0.012 in.

 Red Bag
 BBR-11
 0.011 in.

Q348U Intermittent Pilot

• 1" Batwing-style pilot burner



Q348U Cross Reference						
Part Number	Orifice*	Compression Fitting	Bracket	Gas Type		
Q348A1002	As Shipped	1/4 in.	No	NAT		
Q348A1010	Brown Bag	1/4 in.	No	LP		
Q348A1101	As Shipped	1/4 in.	Yes	NAT		
Q348A1226	Blue Bag	1/4 in.	No	NAT		
Q348A1275	White Bag	1/8 in.	No	NAT		
Q348A1333	As Shipped	1/8 in.	No	NAT		
Q348A1341	Brown Bag	1/8 in.	No	LP		
Q348AAA	•	•	Yes	•		
Q348AAB	•	•	No	•		
Q348U1009	•	•	•	•		

 As Shipped
 NE22
 0.022 in.

 Blue
 A26
 0.026

 White
 KF24
 0.024

 Brown
 KR14
 0.014

Notes

- * = Colors refer to the color of the label on the bag
- = Check Application
- AS = As Shipped
- LB = Low-BTU Hood (in bag)
- L = Left
- F = Front
- R = Right
- NAT = Natural Gas
- LP = LP Gas



Q3451U Intermittent Pilot

- Target-style pilot burner with integral ignition lead
- Three position adjustable hood



Part Number	Hood	Orifice*	Compression	lgniter Lead	Gas Typ
Q3451B1004 L		Orange Bag	Fitting 1/4 in.	36 in.	NAT
Q3451B1079	F	Purple Bag	1/4 in.	36 in.	LP
Q3451B1095	F	Orange Bag	1/4 in.	36 in.	NAT
Q3451B1103	L	Orange Bag	1/4 in.	55 in.	NAT
Q3451B1178	L	Orange Bag	1/4 in.	55 in.	NAT
Q3451B1186	F	Orange Bag	1/4 in.	55 in.	NAT
Q3451B1194	F	Purple Bag	1/4 in.	55 in.	LP
Q3451B1236	L	Gray Bag	1/4 in.	55 in.	LP
Q3451B1244	L	Orange Bag	1/4 in.	55 in.	NAT
Q3451B1301	L	As Shipped	1/4 in.	36 in.	NAT
Q3451B1707	L	Red Bag	1/4 in.	36 in.	LP
Q3451B1715	L	•	1/4 in.	36 in.	•
Q3451B2002	F	Orange Bag	1/4 in.	36 in.	NAT
Q3451B2010	F	Orange Bag	1/4 in.	36 in.	NAT
Q3451B2036	F	Orange Bag	1/4 in.	36 in.	NAT
Q3451B2044	F	Orange Bag	1/4 in.	55 in.	NAT
Q3451B2077	F	As Shipped	1/4 in.	36 in.	NAT
Q3451B2085	F	Gray Bag	1/4 in.	36 in.	LP
Q3451B2101	F	Orange Bag	1/4 in.	55 in.	NAT
Q3451B3018	R	Orange Bag	1/4 in.	36 in.	NAT
Q3451B3026	R	Orange Bag	1/8 in.	36 in.	NAT
Q3451B3067	R	Orange Bag	1/4 in.	36 in.	NAT
Q3451B3083	R	Orange Bag	1/4 in.	36 in.	NAT
Q3451BF	F	•	•	•	•
Q3451BK	R	•	•	•	•
Q3451BL	L	•	•	•	•
Q3451K2002	F	As Shipped	1/4 in.	55 in.	NAT
Q3451K2010 F		Gray Bag	1/4 in.	55 in.	LP
Q3451K2028 F		As Shipped	1/4 in.	55 in.	NAT
Q3451KF F		•	•	•	•
Q3451U1000	•	•	•	•	•
As Shipped BCR-20 0.020 in. Purple BCR-10 0.010 Red BBR-11 0.011 Gray BBR-12 0.012 Orange BCR-18 0.018					

Glowfly®





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.

MANUFACTURER	OEM #	Q3200U BRACKET ^b	MANUFACTURER	OEM #	Q3200U BRACKET ^b	
American Road Equip.	201W	A	Modine	5H76032A	С	1
Arco Air	1096048	D	Mor-Flo	3200618	A	
AICO AII	1380680		WOI-FIO	511-330-193	В	
Armstrong Air	38322B001	A		105141000		
	LH33ZS001		Nordyne	632-0770	A	
	LH33ZS001A			632-0880		Т
Carrier/	LH33ZS002			201	в	
Bryant/	LH33ZS002A	B or E ^c		271	D	
Payne	LH33ZS003			201D		
	LH33ZS003A	1		201K	1	
	LH33ZS004			201L	1	V
Olatina Dava	C-238		No. J. J. O. O. J. J.	201N	A	
Claire Bros.	C242	A	Norton/St Gobain	201R		V
<u>.</u>	1474-051			201W		
Coleman	1474-052	A		271N		v
Comfort Maker	1096048	D		271NM	D	
Detroit Radiant	201D	A		271P		V
DMO Ind.	20834	A		271W	A	
Dornback Furnace	271W	A	Raypak	600915	В	
Ducane	20015201	В	Rheem	62-22441-01	A	
Enero Tech	10399	A	Dala da Orada a	90434300	В	
F	1474-051		Roberts Gordon	90436600	A	
Evcon	1474-052	A		41-402	A	
Evcon Coleman	025-32625-000	В		41-403	В	
	B1401009	D		41-404	В	
Goodman	B1401018	С		41-405	A	
	B1401018S	D		41-407	В	V
HB Smith	50018	A	Robertshaw	41-408	A	
Heil	1096048	D		41-409	В	
Hupp Industries	09050	A		41-410	A	
	1009604	_		41-412	D	
Intercity	1096048	D		41-418	С	
	75-92-104			1380654		
Majestic	75-92-105	A	Snyder General	1380672	В	
	201N			1380680		
Metzger	201W	A	Superior Fireplace	94851	Α	V

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

^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.

ST9120U Universal Electronic Fan Timer

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

S9200U Universal Integrated Furnace Control

	S9200U1000 Replaces These Integrated Furnace Controls					
	OEM Brand	SKU				
	Amana/Goodman	10207704, 10207706, 10207714, 10207719, 102077-02, 102077-03, 102077-04, 102077-09, 102077-19, 1809913, 10207701, 10207702, 10207703, 10207703, 10207703, 10207701, B1809913, B18099-13				
	ICM	ICM280				
	ICP	1010806, 1380686, 1380698, 1380699, 1380-686, 1380-699				
	Lennox	X445901, 1214201				
	Nordyne	624591, 624557, 624564, 624628, 902378, 902696, 903106, 6245570, 6245640, 6246310, 624557-0, 624591A, 624591-A, 624591-B, 624591-C, 624591-D, 624628-0, 624631-0, 624631A, 624631-A, 624631-B, 710128A, CAR903106				
CONTRACTOR OF	Other Manufacturers	350486, 8068142, 8068561, 8068563, 10334901, 99958174, 99958175, X13120666010				
	Rheem/Robertshaw	62-24268-01, 62-24268-02, 62-24268-03, 695-200				
	Texas Instruments	41F-5, 61F3, 6DT-1, 6DT-2				
	Trane	CNT03740, CNT1309, CNT1616, CNT1848, CNT1849, CNT2181, CNT2182, CNT2183, CNT2789, D340790P01, D341122P01, D330927P01, D330930P01, D330930P01, D340035P01, D340354P01, D340374P01, D341235P01				
3335.01	United Technologies	1012-83-9336AHSC1, 1012-83-9337A, 1012-83-9651B, 1012-925A, 1012-925B, 1012-925C, 1012933D, 1012-933D, 1012955A, 1012-955A				
	White-Rodgers	50A50-130, 50A50-131, 50A50-208, 50A50-210, 50A50-215, 50A50-216, 50A50-229, 50A50-240, 50A50-245, 50A50-298, 50A50-407, 50A50-472, 50A50-475, 50A55-245, 50A55-250, 50A55-288-05, 50A50-110, 50A50-111, 50A50-112, 50A50-113, 50A50-142, 50A50-143, 50A50-205, 50A50-206, 50A50-207, 50A50-209, 50A50-230, 50A50-241, 50A50-285, 50A50-286, 50A50-288, 50A50-295, 50A50-296, 50A50-405, 50A50-406, 50A50-408, 50A50-471, 50A50-473, 50A50-474, 50A50-571, 50A55-120, 50A55-143, 50A55-285, 50A55-286, 50A55-288, 50A55-438, 50A55-474, 50A55-571, 50A55-843, 50T35730, 50T35730, 50T35743, 50T35-743				
	York	3101250000, 5253733900, 43101972100, 52537074000, 52537077000, 031.01234.000, 031-00662000, 031-01250-700, 031-01266-700, 031-01267-00, 331-09167-000, 431-01972-100, 31011140002, 031-00662, 031-00662, 031-00662-000, 031-01260-000, 031-01140-000, 031-01140-001, 031-01140-002, 031-01140-701, 031-01140-702, 031-01235-000, 031-01235-700, 031-01255-000, 031-01266-000, 031-01267-000, 031-01267-001, 031-01267-0014, 031-01284-000, 031-01933-000, 031-01972-000, 031-01973-000, 031-02166-000, 031-09167-000, 331-01933-000, 331-01972-200, CAR03101973000, CAR33101972200, CAR50A55843, G951ADB1401, G951ADB1401C, G951ADB-1401C, G951ADB1402, G951ADB-1402, G951AEB-1403, P03101267001, P031-01267-001, PTH031011400-00				

*Always refer to box label for most updated cross reference. For wiring harness and timing specifications see installation guide.

Universal Gas Valve Selection Guide

	(Double-Che	PLACEMENTS ck Specifications leplacement)		SPECI	FICATIONS			ACCESSORIES	
	Universal Service Part	Direct Service Part Replacement	Opening Characteristics (standard, step)	Inlet/Outlet Size (in.)	Pressure Regulator Setting (psi)	Temperature Range	Q340 Thermocouple	Includes 3/4" x 1/2" Reducer Bushing	Natural to LP Conversion Kit
		VR8300A4508	Standard	3/4 x 3/4	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	Two	One
		VR8300A3500	Standard	1/2 x 3/4	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	One	One
	VD9200M440C	VR8200A2124	Standard	1/2 x 1/2	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	One	None	One
	VR8300M4406	VR8200A2132	Standard	1/2 x 1/2	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One
		VR8200A2744	Standard	1/2 x 1/2	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One
		VR8300M4406	Standard	3/4 x 3/4	3.5 in. wc (0.87 kPa)	-40° to 175°F (-40° to 79°C)	One	Two	One
Sea 1		VR8204A2076	Standard	1/2 x 1/2	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One
	VR8245M2530	VR8204M1091	Standard	1/2 x 1/2	3.5 in. wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	None	One
		VR8205A2024	Standard	1/2 x 1/2	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One
		VR8245M2530	Standard	1/2 x 1/2	3.5 in. wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	None	One
	VR8345K4809	VR8205H1003	Slow	1/2 x 1/2	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	None
		VR8304H4503	Slow	3/4 x 3/4	3.5 in. wc (0.87 kPa)	0° to 175° F (-18° to 79° C)	None	None	One
		VR8345K4809	Slow	3/4 x 3/4	3.5 in. wc (0.87 kPa)	-40° to 175°F (-40° to 79°C)	None	Two	One
		VR8304M3509	Standard	1/2 x 3/4	3.5 in. wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	One	One
40.	VR8345M4302	VR8304M4507	Standard	3/4 x 3/4	3.5 in. wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	Two	One
	110010111002	VR8305M3506	Standard	1/2 x 3/4	3.5 in. wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	One	One
351		VR8345M4302	Standard	3/4 x 3/4	3.5 in. wc (0.87 kPa)	-40° to 175° F (-40° to 79° C)	None	Two	One
2.0.0		VR8205Q2555	2-Stage	1/2 x 1/2	1.7 in. wc Low Fire; 3.5 in. wc High Fire	-40° to 175° F (-40° to 79° C)	None	None	One
	VR8345Q4563	VR8304Q4511	2-Stage	3/4 x 3/4	1.7 in. wc Low Fire; 3.5 in. wc High Fire	-40° to 175° F (-40° to 79° C)	None	Two	One
	1100-100-1000	VR8305Q4500	2-Stage	3/4 x 3/4	1.7 in. wc Low Fire; 3.5 in. wc High Fire	-40° to 175° F (-40° to 79° C)	None	One	One
		VR8345Q4563	2-Stage	3/4 x 3/4	1.7 in. wc Low Fire; 3.5 in. wc High Fire	-40° to 175° F (-40° to 79° C)	None	Two	One
		VS820A1054	Standard	3/4 x 3/4	3.5 in. wc (0.87 kPa)	32° to 175° F (0° to 79° C)	None	Two	None
	VS820M1309	VS820A1336	Standard	3/4 x 3/4	10.0 in. wc (2.49 kPa)	32° to 175° F (0° to 79° C)	None	Two	None
		VS820M1309	Standard	3/4 x 3/4	3.5 in. wc (0.87 kPa)	-40° to 175°F (-40° to 79°C)	None	Two	One

Notes:

All piloted valves have a 1/4" compression fitting.

All the VR valves come set for natural gas, but can be converted to LP gas.

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.

	ACCESSORIES			COMPETITIVE REPLACEN	IENT
	Includes				
3/4" Straight Flange	1/2" x 3/8" Reducer Bushing	Remote Rod Adapter	Honeywell	White-Rodgers	Robertshaw
None	None	None	VR8300A4003, VR8300A4011, VR8300A4037, VR8300A4045, VR8300A4045, VR8300A4557, VR8300A4565	36C01-405	700-400, 720-406 (7200ER)
None	None	None	VR8300A3104, VR8300A3120, VR8300A3153, VR8300A3161, VR8300A3203, VR8300A3559, VR8300A3567, VR8300A3575	36C03-300, 36C03-258	720-404 (7200ER) 720-403, 720-400, 720-402
One	One	None	VR8200A2215, VR8200A2348, VR8200A2116,		720-400 (7200ER), 720-402 (7200ER)
One	One	None	VR8200A2264, VR8200A2322*, VR8200A2009, VR8200A2082		720-400 (7200ER), 720-402 (7200ER)
One + One Elbow	One	None	VR8200A2322*		
One + One Elbow	One	None	VR8300A4003, VR8300A4011, VR8300A4037, VR8200A2827 VR8300A4045, VR8300A4557, VR8300A4565	36C03-400, 36C03-433	700-400
One	One	None	VR8204A1201, VR8204A1219, VR8204A2001, VR8204A2035, VR8204A2175, VR8204A2183, VR8204A2241, VR8204A2225, VR8204A2803		
One	One	None	VR8204M1075	36E01-204, 36E01-205, 36E01-206, 36E01-305, 36E93-304	722-079 (2000IPERHC)
One	One	None	VR8205A2008, VR8205A2081	36G22-214, 36J22-214	722-051 (2000DERHC), 720-051
None	One	None	VR8204A2852, VR8205M1080, VR8205M1106, VR8205M2310, VR8205M2443, VR8205M2450, VR8205M2476	36E36-304, 36E22-214	720-079 (7200IPER), 720-080 (7200IPER-LP)
None	None	None	VR8305H4013, VR8305H4039, VR8205H2605		
None	None	None	VR8204H1006, VR8204H1055		720-070 (7200IPER-S7C), 720-071 (7200IPER-S7C), 720-072 (7200IPER-S7C), 720-073 (7200IPER-LP-S7C)
None	None	None		36E98-304, 36E24-214, 36E52-214	700-052
None	None	None			
None	None	None	VR8304M4002		
One	None	None	VR8305M4066, VR8305M4165, VR8305M4231	36G22-214, 36C68-423	720-051 (7200DER)
None	None	None		36E36-304, 36C68-423, 36H32-423	
None	One	None	VR8205Q2662, VR8205Q2746, VR8205Q2787, VR8205Q2381	36E54-214	
None	None	None	VR8304Q4453	36C76-406, 36C76-420, 36C76-463	
None	None	None	VR8305Q4138, VR8305Q4146	36G54-214	
None	None	None		36D13-208, 36E96-314, 36D13-405	720-082 (7200IPER2-4)
None	One	None	VS820A1260, VS820A1005, VS820A1013, VS820A1047, VS820A1278, VS820A5204, VS820A1922		
None	One	None	VS820A1211, VS820A1740, VS820A1120, VS820A1898, VS820A1872, VS820A1906		
None	One	Yes	VS820A1807, VS820A2003, VS820A1815, VS820A1039, VS820A2011	36C03U-300, 36C03U-333, 36C03U-400, 36C03U-433	
	*Canadian Numbe	are			

*Canadian Numbers

Universal Ignition Module Selection Guide

	Applications			Timings						
	Product Number	Ignition System	Flame Senser	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
	S8910U1000	Line Volt Hot Surface Ignition	1 or 2 Rods	Ρ	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
	S8610U3009	Intermittent Pilot	1 or 2 Rods	С	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

Notes: 1. Ignition Sequence C Continous 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.

SmartValve[™] Selection Guide

				Specifications		
	Ignition/	Ignition/ Universal Opening		Ambient Temperature		Includes
	Application	Service Part	Characteristics	Range	Natural to LP Conversion Kit	3/4" x 1/2" Reducer Bushings
	Intermittent HSI Pilot with Combustion Air Control and	SV9541Q2561	2-Stage		Yes	None
	Limit Monitoring/ Forced Air Furnace	SV9641M4510	Standard Opening	-40° to 175° F (-40 to 79° C)	Yes	Two
-		SV9510M2511	Standard Opening	-40° F to +175° F (-40° C to +79° C)		
	Direct Ignition/ General Application	SV9520M2536	/		Yes	None
	General Application	SV9510K2539	Slow Opening	-40 to 175° F (-40 to 79° C)	75° F (-40 to 79° C)	
A DATE OF		SV9520H8513	Fast-Slow Opening	0° to 175° F (-18° to 79° C)	1	
		SV9601M4571	/			Two
A. D		SV9501M2528 Standard Op		-40° to 175° F (-40° to 79° C)	Yes	
		SV9501M8129	Fast-Fast		/	None
	Intermittent HSI Pilot/ General Application	SV9502H2522	Slow Opening	0° to 175° F (-18° to 79° C)	1	
		SV9602P4816	/		· · · · · · · · · · · · · · · · · · ·	
		SV9602P4824	Ctop Opening	40° to 175° E (40° to 70° C)	None	Two
		SV9602P4832	- Step Opening	-40° to 175° F (-40° to 79° C)	None	Two
		SV9602P4840	/		/	

Features and Functions		es and Functions Cross-Reference				
Ignition Source	Typical Ignition Hardware	Includes	Honeywell	White-Rodgers	Robert-Shaw	Johnson Controls
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, S890C1007, S890D1006, S890G1003, S890G1011, S890G1029, S890G1037, S890H1002, S890H1010, S890H1028	50E47-11 thru 50E47-79, 50E47-101 thru 50E47-179, 50E47-201 thru 50E47-279, 50E47-301 thru 50E47-379, 50F47-101 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	
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, 660, 665, 667, G770 Series

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

		Cross-Reference			
Extension Harness	OEM Brands	Replaces			
	ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite	SV954002464, SV954103098			
No	ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite, Mestek, SlantFin	SV9541M2094, SV9540M2229, SV9540M2260, SV9640M4116, SV9640M4124, SV9540M2278, SV9540M2245, SV9640M3126, SV9640M4132			
	Modine	SV9510M2347, SV9510M2362, SV9410M2902, SV9510M2412, SV9510M2354, SV9410M2910, SV9510M2388, SV9510M2420			
No		SV9420M2331, SV9520M2403, SV9420M2323			
	Roberts Gordon	SV9510H2228, SV9510K2133, SV9510K2158, SV9510K2141, SV9510K2166			
	Armstrong, Concord, AireEase	SV9520H8042, SV9520H8034, SV9520H8067, SV9520H8026			
		SV9601M4167, SV9601M3003,SV9601M4225			
No	ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite	SV9501M2056, SV9501M2718, SV9501M2726, SV9501M2031, SV9501M2049, SV9501M2080, SV9501M2239, SV9501M2700, SV9501M2734, SV9501M2742, SV9501M2064			
Yes		SV9501M8103			
tes	Laars, Utica, Armstrong, Concord, AireEase	SV9501H3415, SV9501H2417, SV9501H2409, SV9502H1706, SV9502H2704, SV9501H3423, SV9501H2425			
	Burnham, ICP, Heil, Tempstar, Arcoaire, Comfortmaker, KeepRite	SV9501P2004, SV9601P4107, SV9501P2053, SV9502P2101, SV9602P4105			
Yes	Burnham	SV9501P2087, SV9601P4172, SV9502P2127, SV9602P4121			
res	Burnham	SV9501P2020, SV9501P2046, SV9601P4149, SV9601P4164, SV9502P2119, SV9502P2135, SV9602P4113, SV9602P4139			
		SV9601P4115			

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 Wireless AquaReset Wireless Outdoor Reset Control

- Designed to improve boiler efficiency while maintaining comfort
- Wireless design makes for easier installation
- 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



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

Honeywell AquaReset®

	Product Selection	Product Selection				
OUTDOOR RESET	Product Name	Part Number	Includes	Typical Applications		
	Honeywell Wireless AquaReset Kit	W8735Y1000	W8735ER1000 Module and wireless sensor	Upsell as an add-on when installing a new boiler that comes from the OEM with an enabled L7224U or L7248 Aquastat.		
	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		

L7224U Universal Electronic Oil Aquastat® Selection Guide

	Selection Guide										
		Fu	uel	y y	ow Limit	nit High Limit			Features and Functions		
OUTDOOR RESET READY	Product Number	Gas	Oil	Operating Range, Low Limit	Differential Temperature, Low Limit	e, Operating Range, High Limit	Differential Temperature High Limit	^{e,} Switch	hing Action	Anticipator Setting	Mounting
	L7224U1002		•	110° to 220° F	10° to 25°F adj.	130° to 240° F	5° to 20°F adj.		T: High and nit, Circulator	0.1 A	V/H/F
	Replacement Se	ensor									
		Par	rt Numl	ber			Length (in.)				
		500(01464-	-001			12				
		5000	01464-	-004			36				
			01464-	-005			48				
EP-	Cross-Reference	Guide									
	OS Number			Replaces		Mounting Orientatio	on High Limit	High Limit Difference	Low Limit	Low Limit	t Difference
		L81	3124A10	007, L8124A1015, L812	24A1008, L7224A1016, 24A1049, L8124A1098, 24A1122, L8124A1130, 55	Well Mounted – Vertic	cal 130° to 240° F	10° F	110° to 220° F	. 10° tr	to 25° F
		L71		005, L7224C1004, L812 3124C1029, L8124C109	24C1003, L8124C1011, 94, L8124C1102	Well Mounted – Horizor	ontal 130° to 240° F	10° F	110° to 220° F	: 10° t⁄	to 25° F
	L7224U1002	L81	3148A10	033, L8148A1058, L814	48A1009, L8148A1025, 48A1066, L8148A1074, 48A1116, L8148A1157	Well Mounted – Horizor	ontal 180° to 220° F	15° F			
		L71	148A10	035, L7248C1006, L814 L8148A1124, L814	48A1017, L8148A1065, 48A1140	Well Mounted – Horizor	ontal 140° to 240° F	15° F			
			L7 ⁻	7148A1050, L7248A100	JO, L8148A1157	Well Mounted - Vertic	cal 180° to 220° F	15° F			
				L7248C102	22	Flush Mounted – Vertic	ical 140° to 240° F	15° F			

R7284U Universal Electronic Oil Primary Selection Guide

	OIL PRIMARIES					
					Specifications	
	Ignition Type	Universal Service Part	R7184U Service Part	Lockout Time (sec.)	Valve On Delay (sec.)	Blower Off Delay (min.)
			R7184U1004	15	0/15	0/2/4/6
im.	Interrupted	R7284U1004			15	0.25
					0/15	0/2/4/6
			R7184U1012	30	0/13	0/21410
			R7184U1020	45	0/15	0/2/4/6
			R718401020	45		
			R7184U1004	15		
		R7284U1004	R7184U1012	30		
	Intermittent		R7184U1020	45		
		R8184M1051		45		

Speci	fications	Cross-Reference					
Alarm Contacts	Manual Trip Lever w/ LED Indicator	Honeywell	Beckett	Carlin	White-Rodgers		
Yes*	Yes	R7184U1004, R7184P1031, R7184P1049, R7184P1056, R7184P1064, R7184P1072	7505P125M	50200-02S, 602000-02S, 6020002S015120, 6020002S030015, 6020002S030015, 6020002S030010, 6020002S030120, 6020002S03010, 6020002S030010			
		R7184A1026, R7184A1075, R7184A1000	7505A0000	40200-02S	669-640,669-670		
		R7184B 1024, R7184B1032, R7184B1016	7505B1500				
		R7184P1080, R7184P1098	7505P1515				
		R7184U1012					
	No	R7184A1018, R7184A1034		42230-02S	669-440, 669-445, 669-470, 669-540		
Yes*	No	R7184U1020					
		R7184A1042					
Yes*		R8184G1294, R8184G1302, R8184G4066, R8184G4074, R8184G4033, R8184G4090, R8184G1427, R8184G4058	7505A0000		668-601, 668-670		
		R8184G1393, R8184G1302, R8184G4074, R8184G4033			668-501		
	Yes	R8184G1286, R8184G1427, R8184G1458, R8184G4009, R184G4025, R8184G4082, R8184G4108		48245-S	668-401, 668-0415, 668-430, 668-515		
Yes*					668-430		
		R8184M1002			668-441, 668-451, 668-454		

* W8735S3000 EnviraCOM alarm accessory module required

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