



Distributor Inventory Management Guide

Honeywell Residential Combustion is the industry leader in combustion controls for applications including warm air furnaces, boilers, commercial water heaters, hearth, pool and spa heaters, and service parts. Our products are used on appliances utilizing natural gas, propane, fuel oil, and electric fuels and first and foremost assure the safe operation of heating and cooling appliances. Sold primarily through OEM and wholesale channels, our family of products has both the largest breadth and depth of offering in HVAC industry.

Our offerings include like-for-like replacement parts and a full line-up of universal products that cover almost any application making Honeywell the only brand of replacement parts you'll ever need. The pages in this inventory management guide feature our universal products, as well as like-for-like replacement options, along with suggested inventory levels.

The stocking recommendations on the following pages, reflect the percentage of your inventory covering residential combustion applications and include the high running products in your regional area. The U.S. map is highlighted by regional area and corresponds to the inventory management guide recommended levels. These can be adjusted accordingly to your business size and needs.

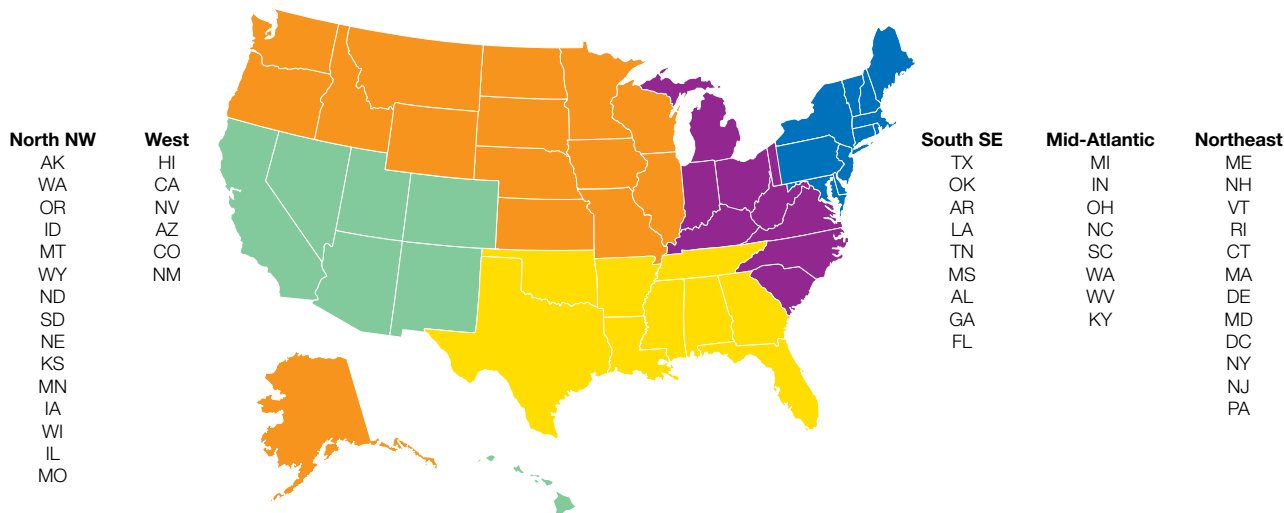


Table Of Contents

	Page
Universal Products	3, 4
Thermocouples/Thermopiles	5
SmartValve™ System Controls	6
Ignition Modules	6
Fan and Limit Controls	7
Oil Controls	8
Relays/Contactors/Transformers	9
Hydronic Controls	10

Phone:

Residential Technical Support:
1-800-468-1502

Sales Support: 1-800-328-5111

Customer Service: 1-888-793-8193

Residential Zoning: 1-800-828-8367

Online:

www.customer.honeywell.com

www.forwardthinking.honeywell.com

www.literature.honeywell.com

Universal Products



Product Line	Universal Service Part	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West	Direct Service Part Replacement (Gas Valves)
			RECOMMENDED BRANCH INVENTORY					
Ignition Modules	S9200U1000	Universal Hot Surface Ignition Integrated Furnace Control	10	10	10	10	10	
	S8610U3009	Universal Intermittent Pilot Module	24	24	24	12	12	
	S8910U1000	Universal Hot Surface Ignition Control	10	10	10	3	6	
	Y8610U4001	Retrofit Intermittent Ignition System with Universal Ignition Module S8610U3009, VR8204A, 1/2 x 1/2, 3.5 in. WC, O F., Natural Gas.	4	4	4	2	6	
	Y8610U6006	Retrofit Intermittent Ignition System with Universal Ignition Module. S8610U3009, VR8304M 1/2 x 3/4 Reducer Bushings & Flange Kit, LP Conversion Kit.	6	6	6	2	6	
Igniters	Q3200U1004	Glowfly® Universal Hot Surface Ignitor, Unit Pack. Order in multiple of 20.	20	20	20	20	20	
	Q3200U2002	Glowfly® Universal Hot Surface Ignitor Overpack. Includes six "6 Packs" or 36 total. Order in multiples of 6.	6	6	6	6	6	
Fan and Limit Control	ST9120U10011	Universal Electronic Fan Timer Control	12	12	12	6	6	
Pilot Burner	Q314U1001	Universal Standing Pilot Burner - Target-style pilot burner, NAT and LP applications, three position adjustable hood.	20	20	10	10	10	
	Q345U1005	Universal Intermittent Pilot Burner - Target-style pilot burner, NAT and LP applications, three position adjustable hood.	10	10	10	2	4	
Hydronic Controls	L7224U1002	Universal Electronic Oil Aquastat®	18	18	2	NA	NA	
Oil Controls	R7284U1004	Universal Electronic Oil Primary. Replaces all prior Honeywell Residential Oil Primary Controls with one Os#.	10	10	4	NA	NA	

NA - No or low volume requests in this regional area.



Product Line	Universal Service Part	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West	Direct Service Part Replacement (Gas Valves)
			RECOMMENDED BRANCH INVENTORY					
Gas Valves	VR8300M4406	Standard opening standing pilot gas control for use in 24Vac, gas-fired appliances with capacities from 30 to 300 cfh natural gas. 50/60 Hz, -40° to 175°F, 3/4" inlet x 3/4" outlet, 3.5" WC regulator setting. Includes Q340 thermocouple, Natural to LP conversion kit and two 3/4" x 1/2" reducer bushings.	12	12	12	6	6	VR8200A2744 - Standard opening, 1/2 in. x 1/2 in., 3.5 in. WC (0.87 kPa)
								VR8300A4508 - Standard opening, 3/4 in. x 3/4 in., 3.5 in WC (0.87 kPa)
	VR8345M4302	Standard opening universal electronic ignition combination gas control for use in direct spark ignition, hot surface ignition, or intermittent pilot ignition, 24Vac, gas-fired appliances with capacities from 30 to 415 cfh natural gas. 50/60 Hz, -40° to 175°F, 3/4" inlet x 3/4" outlet, 3.5" WC regulator setting. Includes Natural to LP conversion kit and two 3/4" x 1/2" reducer bushings.	12	12	12	6	8	VR8304M4507 - Standard opening, 3/4 in. x 3/4 in., 3.5 in. WC (0.87 kPa)
								VR8305M3506 - Standard opening, 1/2 in. x 3/4 in., 3.5 in. WC (0.87 kPa)
	VR8245M2530	Standard opening universal electronic ignition combination gas control for use in direct spark ignition, hot surface ignition, or intermittent pilot ignition, 24Vac, gas-fired appliances with capacities from 20 to 200 cfh natural gas. 50/60 Hz, -40° to 175°F, 1/2" inlet x 1/2" outlet, 3.5" WC regulator setting. Includes Natural to LP conversion kit and one 1/2" x 3/8" reducer bushing.	3	3	6	2	2	VR8204A2076 - Standard opening, 1/2 in. x 1/2 in., 3.5 in. WC (0.87 kPa)
								VR8204M1091 - Standard opening, 1/2 in. x 1/2 in., 3.5 in. WC (0.87 kPa)
								VR8205A2024 - Standard opening, 1/2 in. x 1/2 in., 3.5 in. WC (0.87 kPa)
	VR8345K4809	Slow opening universal electronic ignition combination gas control for use in direct spark ignition, hot surface ignition, or intermittent pilot ignition, 24Vac, gas-fired appliances with capacities from 30 to 415 cfh natural gas. 50/60 Hz, -40° to 175°F, 3/4" inlet x 3/4" outlet, 3.5" WC regulator setting. Includes Natural to LP conversion kit and two 3/4" x 1/2" reducer bushings.	3	3	3	2	2	VR8205H1003 - Slow opening, 1/2 in. x 1/2 in., 3.5 in. WC (0.87 kPa)
								VR8304H4503 - Slow opening, 3/4 in. x 13/4 in., 3.5 in. WC (0.87 kPa)
	VR8345Q4563	Two stage universal electronic ignition combination gas control for use in direct spark ignition, hot surface ignition, or intermittent pilot ignition, 24Vac, gas-fired appliances with capacities from 30 to 415 cfh natural gas. 50/60 Hz, -40° to 175°F, 3/4" inlet x 3/4" outlet, low stage regulator set at 1.7" WC; high stage regulator set at 3.5" WC Includes Natural to LP conversion kit and two 3/4" x 1/2" reducer bushings.	2	2	2	NA	NA	VR8205Q2555 - 2-Stage, 3/4 in. x 3/4 in., 1.7 in. WC Low Fire; 3.5 in. WC High Fire
VR8305Q4500 - 2-Stage, 3/4 in. x 3/4 in., 1.7 in. WC Low Fire; 3.5 in. WC High Fire								
VS820M1309	750mV combination gas control that combines a Lite-Rite manual gas cock, safety shutoff pilotstat assembly, millivoltage automatic valve operator, and gas pressure regulator. -40° to 175°F temperature range, 3/4" x 3/4", with side outlets. Reg set at 3.5" WC. Includes two 3/4" x 1/2" and one 1/2" x 3/8" reducer bushings, Natural to LP conversion kit and a remote rod adapter knob.	6	6	6	NA	3	VS820A1054 - Standard Opening, 3/4 x 3/4 in, 3.5 in WC (0.87 kPa)	
							VR820A1336 - Standard Opening, 3/4 x 3/4 in., 10.0 in. WC (2.49 kPa)	

NA - No or low volume requests in this regional area.

Thermocouples/Thermopiles



Model Number	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West
		RECOMMENDED BRANCH INVENTORY				
Q313A1170	Thermopile Generator - 750Mv replacement. 35" Lead with pg9 adapter.	20	20	20	10	10
Q3400A1024	Ignitor/Flame Rod Assembly (field replaceable) For Q3450/ Q3480 Hot Surface Pilot Burner. Hot Surface Pilot Igniter/Sensor Assembly replacement. 30" Leads	12	12	12	6	12
Q340A1066	Universal Premium Thermocouple - 30Mv replacement. 18" Lead. Order in increments of 10.	20	20	20	10	10
Q340A1074	Universal Premium Thermocouple - 30Mv replacement. 24" Lead. Order in increments of 10.	30	30	30	20	20
Q340A1082	Universal Premium Thermocouple - 30Mv replacement. 30" Lead. Order in increments of 10.	30	30	30	20	20
Q340A1090	Universal Premium Thermocouple - 30Mv replacement. 36" Lead. Order in increments of 10.	100	100	100	20	20
Q340A1108	Universal Premium Thermocouple - 30Mv replacement. 48" Lead. Order in increments of 10.	10	10	10	10	10
Q390A1046	Universal Thermocouples Overpack. Utility grade. Order in increments of 10. 24" Lead.	10	10	10	10	10
Q390A1053	Universal Thermocouples Overpack. Utility grade. Order in increments of 10. 30" Lead.	20	10	10	10	NA
Q390A1061	Universal Thermocouples Overpack. Utility grade. Order in increments of 10. 36" Lead.	20	20	20	10	10

NA - No or low volume requests in this regional area.

SmartValve™ System Controls



Model Number	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West
		RECOMMENDED BRANCH INVENTORY				
SV9501M2528	Universal SmartValve - Hot Surface Pilot Intermittent Pilot System, Standard Open, 24Vac, 50/60 Hz, -40° to 175°F, use Q3450/Q3480 Pilot Burner. 1/2" x 1/2" in/Out 3.5" WC Standard Opening Natural Gas.	6	6	6	4	4
SV9641M4570	Universal SmartValve - Hot Surface Pilot Intermittent Pilot System, Standard Open, 24Vac, 50/60 Hz, -40° to 175°F, use Q3450/Q3480 Pilot Burner. 3/4" x 3/4". 3.5 WC Reg. Setting. Standard Opening. Natural to LP conversion kit.	4	4	2	2	2
SV9502H2522	Universal SmartValve - Hot Surface Pilot Intermittent Pilot System with Prepurge, Slow Open, 24Vac, 50/60Hz 0° to 175°F, use Q3450/ Q3480 Pilot Burner. 1/2" x 1/2" in/Out, 3.2 in. WC Slow Open, 15 Sec. Prepurge, Natural Gas.	4	4	4	2	2

NA - No or low volume requests in this regional area.

Ignition Modules

Model Number	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West
		RECOMMENDED BRANCH INVENTORY				
S87D1004	Direct Spark Ignition, Dual Rod, 6 Second Lockout.	2	2	2	NA	NA

NA - No or low volume requests in this regional area.

Fan and Limit Controls



Model Number	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West
		RECOMMENDED BRANCH INVENTORY				
L4064B2210	Combination Fan Limit Furnace Control Closes Fan. Open Limit Circuit on Temp Rise. Manual Fan Switch. 3/4 in. Tube Diameter. 200°F Stop Set. 65°-215°F Fan on. 50°-200°F Fan off. 100°-250°F Limit Range Zinc-Plated Cover. Includes Jumper. 11-1/2 in insertion.	18	18	18	12	12
L4064B2228	Combination Fan Limit Furnace Control Closes Fan. Open Limit Circuit on Temp Rise. Manual Fan Switch. 3/4 in. Tube Diameter. 200°F Stop Set. 65°-215°F Fan on. 50°-200°F Fan off. 100°-250°F Limit Range Zinc-Plated Cover. Includes Jumper. 5" insertion L.	18	18	18	12	12
L4064B2236	Combination Fan Limit Furnace Control Closes Fan. Open Limit Circuit on Temp Rise. Manual Fan Switch. 3/4 in. Tube Diameter. 200°F Stop Set. 65-215°F Fan on. 50°-200°F Fan off. 100-250°F Limit Range Zinc-Plated Cover. Includes Jumper. 8" insertion L.	18	18	18	12	12
ST9103A1002	Integrated Oil Furnace Control. Integrated Control of Burner & Circulating Fan Operations in Oil Furnace. 30 Sec Heat Fan on Delay, 60/(90)/120/150 Second Heat Fan off Delay, Constant Fan, Eac/Hum Terminals.	6	6	6	NA	NA
ST9120U1011	Electronic Fan Timer Controls Combustion Blower and 2 Speed Fan, Fixed Heat on Delay, Field Adjustable Heat Fan off Delay, 2Nd Limit String input, Led/ Diagnostics, Pressure Switch Wiring Precheck. 30 Sec Heat on Delay, 60/100/(140)/180 Second Heat off Delay.	2	2	2	4	4

NA - No or low volume requests in this regional area.

Oil Controls



Model Number	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West
		RECOMMENDED BRANCH INVENTORY				
R8184G4009	Protectorelay. Low Volt Terminals, Line Volt Leadwire Connections & Screw, Intermittent Ignition 45 Sec Safety Switch, 120V 60 Cycle or 110V 50 Cycle, use W/C554, Mount on Burner W/4 x 4 Junction Box. 120V 60Hz S-Switch 45 Sec. .2A Thermostat Led For Lo.	20	20	20	2	2
R8184G4066	Protectorelay. Low Volt Terminals, Line Volt Leadwire Connections & Screw, Intermittent Ignition 45 Sec Safety Switch, 120V 60 Cycle or 110V 50 Cycle, use W/C554, Mount on Burner W/4 x 4 Junction Box. 120V 60Hz S-Switch 15 Sec. .2A Thermostat Led for Lo.	4	2	2	NA	NA
R8184G4074	Protectorelay. Low Volt Terminals, Line Volt Leadwire Connections & Screw, Intermittent Ignition 45 Sec Safety Switch, 120V 60 Cycle or 110V 50 Cycle, use W/C554, Mount on Burner W/4 x 4 Junction Box. Manual Trip Safety Switch 30 Sec. Timing.	2	2	2	NA	NA
R8184M1051	Protectorelay. Burner Mount, Line Volt Lead- Wire Connections & Low Volt Terminals, 45 Sec Safety Switch, Voltage 120V 60 Cycle, Intermittent Ignition. 40Va Transformer for Heat/Cool. 0.2A Thermostat Current. Use W/C554.	2	2	2	2	2
C554A1463	Photoconductive Flame Detector Consisting of a Plug in Cadmium Sul- Fide Cell and Socket and Leadwire Assembly use with R4166,R4184, R8182, R8184 and R8185. 60" Leads R Mounting Fuel Line Adaptor Type A,B,E J&P.	10	10	5	2	2
RA117A1047	Stack Mounted Protectorelay. Series 10/80 Interrupted Ignition, 75 Second Safety Switch, 120 Volt, 60 Cycle. 120V 60Hz Max insertion 5-1/2.	4	4	1	NA	NA

NA - No or low volume requests in this regional area.

Relays/Contactors/Transformers



Model Number	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West
		RECOMMENDED BRANCH INVENTORY				
AT140A1000	40VA Transformer, 60 Hz 24V Sec. UI Comp. Recog 9 in. Leads on Primary, Screw Terminals on Secondary. Plate or Foot Mount. 120V with Universal Mounting (Plate, Foot or Knockout).	36	24	24	12	12
AT140A1018	40VA Transformer, 60 Hz 24V Sec. UI Comp. Recog 9 in. Leads on Primary, Screw Terminals on Secondary. Plate or Foot Mount. 120/208/240V with Universal Mount (Plate, Foot or Knockout).	12	18	18	4	4
AT150A1007	50VA Transformer, 60 Hz 24V Sec. UI Comp. Recog 9 in Leads on Primary, Screw Terminals on Secondary. Universal Mount (Plate, Foot or Knockout). 120/208/240V with Universal Mount (Foot, Plate or Knockout).	12	4	6	4	NA
AT150F1022	50VA Transformer, 60Hz 24V Sec. UI Comp. Recog 9 in Leads on Primary and Secondary. Conduit or Foot Mount. Circuit Breaker Button. 120/208/ 240V, Conduit and Foot Mount, with Circuit Breaker.	12	6	6	12	12
AT175A1008	75VA Transformer, 60 Hz 24V Sec. UI Comp. Recog 9 in. Leads on Primary, Screw Terminals on Secondary. Universal Mount (Plate, Foot or Knockout). 120/208/240V, Universal Mount (Plate, Foot or Knockout).	12	6	4	2	2
AT175F1023	75VA Transformer, 60Hz, 24V Sec. UI Comp. Recog 9 in Leads on Primary and Secondary. Conduit or Foot Mount. Circuit Breaker Button. 120/208/240V Conduit and Foot Mount, with Circuit Breaker.	12	6	6	12	6
AT72D1683	40 VA Transformer. 120V with Combination Mount (Plate Foot or Clamp).	24	12	12	2	6
AT87A1106	48VA Transformer, 60 Hz 24V Sec. Nec Class 2 & 3 Has internal Fuse for Overload Protection. 9 in. Leads on Primary, Screws Terminals on Secondary. Plate Mount. 120/208/240V with 13 in. Primary Leadwires and Combination Plate or Foot Mounting.	6	6	4	2	2
DP1030A5014	Definite-Purpose Contactor. Power Pro Model. 1 Pole with Buss Bar-30A-24V.	4	24	6	24	6
DP1040A5005	Power Pro Model. 1 Pole With Buss Bar-40A-24V.	NA	4	2	2	24
DP2030A1004	Definite-Purpose Contactor. Economy Model. 2 Pole-30A-24V/ Does Not Meet Ari 780 Standard.	24	24	24	24	NA
DP2030A5005	Definite-Purpose Contactor. Power Pro Model. 2 Pole-30A-24V.	12	12	6	6	2
R8222D1014	DPDT General Purpose Switching Relay with 24V Ac Coil. Dbl. Q/C. Coil Term.	24	24	24	4	6
R8239A1052	Fan Center 40VA Transformer. 120V Primary, 27V Secondary with Plug in SPDT R8222B Relay and Metal Cover. Fan Center 120V Primary, 24V Secondary W/Plug-in SPDT Relay 1 N.O. and 1 N.C. Power Contacts.	6	6	6	2	2

NA - No or low volume requests in this regional area.

Hydronic Controls



Model Number	Description	NorthEast	Mid-Atlantic	North-NW	South-SE	West
		RECOMMENDED BRANCH INVENTORY				
L4006H1004	Aquastat Opens Circuit on Temp. Rise, Main Reset to Remake Circuit on Temp. Fall. Designed for Surface Mount. on Pipe or Tank. 130°-270°F Temp Range Stop Set At 250°F with Strap on Mounting. Well.	4	2	2	2	NA
L4006E1067	Aquastat Opens Circuit on Temp Rise. Man Reset to Remake Circuit on Temp Fall. Element Length Suitable For 1 1/2 or 3 in insulation Immersion Well. Adj Set- Point 110°-290°F. Horiz or Vert Mount. Range: 130°-270°F. Less Well-3 inch insulation. Vertical or Horizontal Mount.	6	6	6	2	12
L6006A1145	Aquastat. Adj Setpoint 100°-240°F. SPDT Switching Horizontal Mount. Element Length Suitable for 1 1/2 or 3 in. insulation Immersion Well. Vert or Horiz Mount. with Well Adaptor. Stop At 240°F. 5°-30°F Adj Diff, 3" inch insulation. With Heat Conductive.	6	4	6	6	2
L6006C1018	Strap-on Aquastat for Surface Sensing, SPDT Switch, R-B Opens on Temp Rise, R-W Makes on Temp Rise, Fixed 10°F Diff, 65°-200°F Setpoint Range. Setpoint Range. Aquastat Stop at 200°F SPDT Switch for Unit Heater on High Limit Control. Range 65°-200°F Adj Diff.	18	18	18	6	6
L8148A1017	Aquastat Relay - High Limit Control. Circuit Opens on Temp Rise to Setpoint, Adj. Setpoint 180°-240°F. Line Volt Burner Circ. Element Length Suitable 1 1/2 or 3 in. insulation Immersion Wells. Horizontal Case. Less Well. Range 140°-240°F.	12	10	6	2	NA
L8148E1265	Aquastat Relay - High Limit Control. Circuit Opens on Temp Rise to Setpoint, Adj. Setpoint 180°-240°F. 24V Burner Circ., Trans- Former Power For Zone Valves. Element Length Suitable for 1 1/2 or 3 in. insulation Immersion Wells. Vertical Case. Aquastat Relay.	8	4	4	6	NA
L8148J1009	Aquastat Relay - High Limit Control. 140°-240°F Range. Low or Millivolt Burner Circuit. Vert Case. with Manual Auto Burner Switch. Less Well 120V 60Hz. Range 140°-240°F. Universal Mount Less Well. Heat Cond Compound. Stop Factory Set.	6	4	2	NA	NA
PA404A1033	Pressuretrol. Makes Circuit at Setpoint Pressure Fall; Breaks at Setpoint & Diff. on Pressure Rise. Adj Addi- Tive Diff: 1-5 Psi. Safety for Steam Heating Boilers. Range .5 to 9Psi (.1 to .6Kg/Cm2) without Lugs.	4	4	2	NA	NA
R8182D1079	Triple Aquastat Protectorelay. Constant Ignition High Limit Adj Setpoint 130°-240°F. Fixed Diff 10°F Low Limit. Circulator Adj Setpoint 110°-220°F. Adj Diff. 10°-25°F. Safety Switch 45 Sec. 120V-60 Cy. Suitable for 1 1/2 or 3 in. Immersion Well. W/C554. Less Well.	4	4	NA	NA	NA
R8182D1111	Triple Aquastat Protectorelay. Constant Ignition High Limit Adj Setpoint 130°-240°F. Fixed Diff 10°F Low Limit. Circulator Adj Setpoint 110°-220°F. Adj Diff. 10°-25°F. Safety Switch 45 Sec. 120V-60 Cy. Suitable for 1 1/2 or 3 in. Immersion Well. W/C554. Less Well.	2	2	NA	NA	NA
W8735Y1000	Wireless AquaReset Outdoor Reset Kit - Enables wireless outdoor reset functionality in outdoor reset-ready L7224/L7248 Aquastats.	18	18	2	NA	NA
W8735S1008	Domestic Hot Water Module Kit which enables domestic hot water priority for the AquaReset.	18	18	2	NA	NA

NA - No or low volume requests in this regional area.

Learn More

Call toll-free **1-800-328-5111**,
e-mail **info@honeywell.com** or
visit **customer.honeywell.com**.

Automation and Control Solutions

In the U.S.:

Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422-3992

In Canada:

Honeywell Limited
35 Dynamic Drive
Toronto, Ontario M1V 4Z9
www.honeywell.com

Follow us on Twitter:
@honeywellcpro



YouTube:
@honeywellcpro



Honeywell

67-7456 PR
June 2013

© 2013 Honeywell International Inc. 