



## Residential Combustion Oil Controls Quick Reference Guide

2012-2013

### R7284U Universal Electronic Oil Primary

Selection Guide	Ignition Type	Universal Service Part	R7184U Service Part	R7284B Direct Service Part	Specifications (Direct and Universal Parts to Left)						Cross-Reference			
					Lockout Time (sec.)	Valve On Delay (sec.)	Blower Off Delay (min.)	Alarm Contacts*	Manual Trip Lever w/ LED Indicator	Honeywell	Beckett	Carlin	White-Rodgers	
	Interrupted	R7284U1004	R7184U1004	R7284B1024	15	0/15	0/2/4/6	Yes	Yes	R7184U1004, R7184P1031, R7184P1049, R7184P1056, R7184P1064, R7184P1072	7505P125M	50200-02S, 602000-02S, 6020002S015120, 6020002S030015, 6020002S030015, 6020002S030030, 6020002S030120, 6020002S030300, 6020002S030010		
					15			Yes	Yes	R7184A1026, R7184A1075, R7184A1000	7505A0000	40200-02S	669-640, 669-670	
					15	15		Yes	Yes	R7184B1024, R7184B1032, R7184B1016	7505B1500			
					15	15	0.25	Yes	Yes	R7184P1080, R7184P1098	7505P1515			
					30	0/15	0/2/4/6	Yes	No	R7184U1012				
					30				No	R7184A1018, R7184A1034		42230-02S	669-440, 669-445, 669-470, 669-540	
	45	0/15	0/2/4/6	Yes	No	R7184U1020								
	45					R7184A1042								
	15				Yes	R8184G1294, R8184G1302, R8184G4066, R8184G4074, R8184G4033, R8184G4090, R8184G1427, R8184G4058	7505A0000			668-601, 668-670				
	30					R8184G1393, R8184G1302, R8184G4074, R8184G4033				668-501				
	45				Yes	R8184G1286, R8184G1427, R8184G1488, R8184G4009, R184G4025, R8184G4082, R8184G4108			48245-S	668-401, 668-0415, 668-430, 668-515				
	45		R8184M1051	R8184M1051				Yes			668-430, 668-441, 668-451, 668-454			

\* R7284 models require an alarm contact accessory module



Scan here with a code reader on your smartphone to learn more about the R7284U.

#### Learn More

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# L7224U Universal Electronic Aquastat®

Selection Guide										
Product Number	Fuel		Low Limit		High Limit		Features and Functions			
	Gas	Oil	Operating Range, Low Limit	Differential Temperature, Low Limit	Operating Range, High Limit	Differential Temperature, High Limit	Switching Action	Anticipator Setting	Mounting	
L7224U1002		•	110° to 220° F	10° to 25° F adj.	130° to 240° F	5° to 20° F adj.	3 SPST, High and Low Limit, Circulator	0.1 A	V/HF	
Replacement Sensor							Length (in.)			
Part Number							12			
50001464-001							36			
50001464-004							48			
50001464-005										
Cross-Reference Guide										
OS Number	Replaces		Mounting Orientation	High Limit	High Limit Difference	Low Limit	Low Limit Difference			
L7224U1002	L7124A1017, L7124A1025, L7224A1008, L7224A1016, L8124A1007, L8124A1015, L8124A1049, L8124A1096, L8124A1106, L8124A1114, L8124A1122, L8124A1130, L8124A1155		Well Mounted – Vertical	130° to 240° F	10° F	110° to 220° F	10° to 25° F			
	L7124C1005, L7224C1004, L8124C1003, L8124C1011, L8124C1029, L8124C1094, L8124C1102		Well Mounted – Horizontal	130° to 240° F	10° F	110° to 220° F	10° to 25° F			
	L7148A1019, L7248C1014, L8148A1009, L8148A1025, L8148A1033, L8148A1058, L8148A1066, L8148A1074, L8148A1082, L8148A1090, L8148A1116, L8148A1157		Well Mounted – Horizontal	180° to 220° F	15° F					
	L7148A1035, L7248C1006, L8148A1017, L8148A1065, L8148A1124, L8148A1140		Well Mounted – Horizontal	140° to 240° F	15° F					
	L7148A1050, L7248A1000, L8148A1157		Well Mounted – Vertical	180° to 220° F	15° F					
L7248C1022		Flush Mounted – Vertical	140° to 240° F	15° F						



## Honeywell AquaReset™

Product Selection			
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. <sup>1</sup>
Honeywell Domestic Hot Water Kit	W8735S1008	DHW Module and Wired Pipe Temperature Sensor	Required to enable domestic hot water override on some applications. <sup>2</sup>



<sup>1</sup>Indirect domestic hot water tank applications may require additional kit W8735S1008.

<sup>2</sup>Required for use when domestic hot water override is needed and a Z terminal is not present on the Aquastat. See technical literature 67-7286 for complete application details.

## Cad Cell

Selection Guide						
Product Number	CAD Cells (1)	Lead Length (in.)	Wire Termination	Mounting Bracket	Includes	Replaces
C554A1315	120320	30	Stripped	Type B	Tradeline Value	Westwood
C554A1463	130367	60	2 Flg 1/4" QC	Type R	Tradeline Super Tradeline	White-Rodgers 956-154
C554A1794	130367	60	Stripped	Type R	Tradeline E Mounting Bracket and Fuel Line Adaptor	White-Rodgers 956-154 956-154 956-154



Notes:  
<sup>1</sup>120320 replacement CAD cell 7.5 MA minimum sensitivity at 2' candles.  
<sup>2</sup>130367 high-sensitivity CAD cell 12 MA minimum sensitivity at 2' candles.  
<sup>3</sup>1.48 inch lead wire