

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/H/F

REPLACEMENT SENSOR

Part Number	Length (in.)
50001464-001	12
50001464-004	36
50001464-005	48

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, L8124A1098, L8124A1106, L8124A1114, L8124A1122, L8124A1130, L8124A1155	Well Mounted – Vertical	130° to 240° F	10° F	110° to 220° F	10° to 25° F
	L7124C1005, L7224C1004, L8124C1003, L8124C1011, L8124C1029, L8124C1094, L8124C1102	Well Mounted – Horizontal	130° to 240° F	10° F	110° to 220° F	10° to 25° F
	L7148A1019, L7248C1014, L8148A1009, L8148A1025, L8148A1033, L8148A1058, L8148A1066, L8148A1074, L8148A1082, L8148A1090, L8148A1116, L8148A1157	Well Mounted – Horizontal	180° to 220° F	15° F		
	L7148A1035, L7248C1006, L8148A1017, L8148A1065, L8148A1124, L8148A1140	Well Mounted – Horizontal	140° to 240° F			
	L7148A1050, L7248A1000, L8148A1157	Well Mounted – Vertical	180° to 220° F			
	L7248C1022	Flush Mounted – Vertical	140° to 240° F			



L7224U Universal Electronic Aquastat®

SELECTION GUIDE



Product Number	CAD Cells (1)	Lead Length (in.)	Wire Termination	Mounting Bracket	Includes	Tradeline Value	Replaces	White-Rodgers	Westwood
C554A1315	120320	30	Stripped	Type B		Tradeline			
C554A1463	130367	60	2 Flag 1/4" QC	Type R	A, B, E, J and P Mounting Brackets and Fuel Line Adaptor	Super Tradeline	C554A1307, C554A1315, C554A1398, C554A1133, C554A1174, C554A1372, C554C1570, C554A1216, C554A1927, C554A1794	956-154	TMK-60
C554A1794	130367	60	Stripped	Type R	E Mounting Bracket and Fuel Line Adaptor	Tradeline	C554A1307, C554A1927	956-11 956-154	TMK-60

Notes:
 *120320 replacement CAD cell 7.5 MA minimum sensitivity at 2' candles.
 *130367 high-sensitivity CAD cell 12 MA minimum sensitivity at 2' candles.
 1 48 inch lead wire

resideo



RESIDENTIAL
 COMBUSTION GAS
 CONTROLS QUICK
 REFERENCE GUIDE

R7284U Universal Electronic Oil Primary

SELECTION GUIDE



Ignition Type	Universal Service Part	R7184U Service Part	R7284 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	No	R7184A1018, R7184A1034		42230-02S	669-440, 669-445, 669-470, 669-540	
Intermittent	R7284U1004	R7184U1004		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, R8184G1458, R8184G4009, R184G4025, R8184G4082, R8184G4108		48245-S	668-401, 668-0415, 668-430, 668-515	
		45				Yes		R8184M1002			668-430, 668-441, 668-451, 668-454	
	R8184M1051	R8184M1051		45								

* R7284 models require an alarm contact accessory module

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

¹ Indirect domestic hot water tank applications may require additional kit W8735S1008.

² 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.



Resideo Technologies, Inc.

1985 Douglas Drive North
Golden Valley, MN 55422
1-800-468-1502
resideo.com

For more information
resideo.com/pro