

Control Replacement Cross-Reference Guide

Features & Benefits

- Beckett HeatManager™ dynamic temperature reset
- Energy saving through circulator-off delay
- Priority override for domestic hot water
- Freeze resistance
- 2N1 self checking sensor w/ Low Water Cut-off
- Cycle history diagnostic information
- Backlit LCD screen with programming touch pad
- Reduce inventory through universal design
- Backlit LCD screen with programming touch pad
- Built-in power disconnect switch (optional)
- Oil and gas offerings available
- Cold-Start compatible

HeatManager™
Inside



2N1 Sensor

Table 1 - Direct Replacements

Honeywell		Beckett Replacement	Notes
L8124A (All)	L8124C (All)	7600A	7600 outputs are not rated for 240 VAC.
L7124A (All) L7124C (All) L7148A (All) L7224A (All)	L7224C (All) L7224U (All) L7248A (All) L7248C (All)	7600A	The 7600 has no Honeywell EnviraCOM™ Communications port. The diagnostic LED lights are replaced by the 7600's display.
L8148A (All)		7600A	7600 outputs are not rated for 240 VAC. B1 terminal on 7600 utilizes a 1/4" quick connect. Set low limit on 7600 to OFF.
L8124E 1016	L8148E 1265	7600B	7600 outputs are not rated for 240 VAC. B2, TW and TR terminals replace TV, T and Z, respectively.
L8124M (All)		7600A	For replacement with the 7600: Turn low limit off so the circulator is controlled directly by the thermostat and ZC is constantly powered.
L8151A		7600A	7600 outputs are not rated for 240 VAC. Remote mount sensor cable needed (Part No. 52120)
Hydrolevel		Beckett Replacement	Notes
3100		7600B	Not a suitable replacement if Low Water Cutoff (LWCO) functionality is used.
3150		7600A	
Carlin		Beckett Replacement	Notes
90524A		7600A	Make sure 7600 outputs do not exceed 7.4A. Available operating limit and differential ranges are not equivalent.
White Rodgers		Beckett Replacement	Notes
11C15-11		7600A	Make sure 7600 outputs do not exceed 7.4A @ 120 VAC. 7600 outputs are not rated for 240 VAC. Available operating limit and differential ranges may not be equivalent.
11C30-3	11B54-4		
8B48A-217			
11C61-12			Not a suitable replacement if SPDT switch action is required; only break-on-rise available on 7600. Make sure 7600 outputs do not exceed 7.4A @ 120 VAC. 7600 outputs are not rated for 240 VAC.
8F48A-351	8B43A-601	7600B	

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Table 2 - Functional Replacement (Advanced Wiring Needed)

Note: Available operating limit and/or differential ranges may not be equivalent. Compare settings to the AquaSmart ranges before replacing.

Honeywell	Beckett Replacement	Notes
L4006A (All) L4006G 1022 L4006H 1004 L4008A (All) L4080B,D	7600A or 7600B (Based on System Voltage Requirements)	Make sure 7600 outputs do not exceed 7.4A @ 120 VAC. 7600 outputs are not rated for 240 VAC. 7600 will require an additional wire (L2) for operation. Short TW-TR terminals. C1, C2, ZC, and ZR are unused. Set low limit on 7600 to OFF. To use with a millivolt system an appropriate voltage relay with isolated gold plated contacts must be added to switch the millivolt circuit.
L4006E (All) L4008E (All) L4080F,G		Requires the addition of a manual-reset high limit. Make sure 7600 outputs do not exceed 7.4A @ 120VAC. 7600 outputs are not rated for 240 VAC. 7600 will require an additional wire (L2) for operation. Short TW-TR terminals. C1, C2, ZC, and ZR are unused. Set low limit on 7600 to OFF. To use with a millivolt system an appropriate voltage relay with isolated gold plated contacts must be added to switch the millivolt circuit.
L6006A (All) L6006C 1018 L6008A 1192 L6008A 1242		Not a suitable replacement if SPDT switch action is required; only break-on-rise available on 7600. To use with a millivolt system an appropriate voltage relay with isolated gold plated contacts must be added to switch the millivolt circuit. Make sure 7600 outputs do not exceed 7.4A @ 120 VAC. 7600 outputs are not rated for 240 VAC. 7600 will require an additional wire (L2) for operation. Short TW-TR terminals. C1, C2, ZC, and ZR are unused. Set low limit on 7600 to OFF.
L8124B 1039 L8148J 1009		To use with a millivolt system an appropriate voltage relay with isolated gold plated contacts must be added to switch the millivolt circuit. 7600 outputs are not rated for 240 VAC.
L7148F (All) L8148E (All)	7600B	Must confirm that 7600 VA rating is adequate to meet VA requirements of system. Make sure 7600 B1 output does not exceed 1.25A @ 24VAC (30 VA). 7600 outputs are not rated for 240 VAC. B2, TW and TR terminals replace TV, T and Z, respectively. If damper is used, consult damper manufacturer's wiring instructions for using damper without damper plug.
L4081A,B L6081A,C	7600A or 7600B (Based on System Voltage Requirements)	Remove switching relay, if used, from the system when replacing the L4081 or L6081. Make sure 7600 outputs do not exceed 7.4A@120VAC. 7600 outputs are not rated for 240 VAC.
Carlin	Beckett Replacement	Notes
90200A	7600A or 7600B (Based on System Voltage Requirements)	Make sure 7600 outputs do not exceed 7.4A. Set low limit on 7600 to OFF.
90000 (All) 90200E 90200EL 90300B		Requires the addition of a manual-reset high limit. Make sure 7600 outputs do not exceed 7.4A. Set low limit on 7600 to OFF.
90200D		Not a suitable replacement if SPDT switch action is required; only break-on-rise available on 7600. Make sure 7600 outputs do not exceed 7.4A. Set low limit on 7600 to OFF.
White Rodgers	Beckett Replacement	Notes
11B06-1 11D18-1 11B18-101 11B30-104 11B02-1 1145-33 11B06-46 11B95-31 11B18-153	7600A or 7600B (Based on System Voltage Requirements)	Make sure 7600 outputs do not exceed 7.4A @ 120 VAC. 7600 outputs are not rated for 240 VAC. 7600 will require an additional wire (L2) for operation. Short TW-TR terminals. C1, C2, ZC, and ZR are unused. Set low limit on 7600 to OFF.
11D82-1 11D31-1 1131-102 1127-2 11A79-2 1127-9		Not a suitable replacement if SPDT switch action is required; only break-on-rise available on 7600. 7600 outputs are not rated for 240 VAC. 7600 will require an additional wire (L2) for operation. Short TW-TR terminals. C1, C2, ZC, and ZR are unused. Set low limit on 7600 to OFF.
11B27-9		Requires the addition of a manual-reset high limit. Make sure 7600 outputs do not exceed 7.4A @ 120 VAC. 7600 outputs are not rated for 240 VAC. 7600 will require an additional wire (L2) for operation. Short TW-TR terminals. C1, C2, ZC, and ZR are unused. Set low limit on 7600 to OFF.
8J48A-209		To use with a millivolt system an appropriate voltage relay with isolated gold plated contacts must be added to switch the millivolt circuit.