

Oil Primaries

Honeywell has set the standard for oil-fired furnaces, boilers and water heaters when it comes to oil primary controls. In addition to delivering dependability and high quality products, Honeywell has gone one step further to create an easy-to-use oil primary control designed to simplify installation and enhance maintenance. Our latest innovation will redefine that standard as the next generation of controls proves, it takes a legend to make one.

When selecting an oil primary for your next job, look for these Honeywell features:

- Universal application with field adjustable timings
- Integrated display allows for setup without using an external tool
- Advanced diagnostics that direct the technician to the likely cause of ignition failure
- Legendary performance and reliability



R7284U1004 Universal Digital Electronic Oil Primary

- A single part number for nearly all applications helps reduce inventory cost
- 16 character two line tri-lingual display provides simple programming and diagnostics
- No additional tool to purchase to take advantage of all control features
- Monitors igniter and cad cell and alerts technician what component caused ignition failure
- Error history and baseline readings provide system performance trends



**5-YEAR
WARRANTY**

R8184 Protectorelay® Oil Burner Control

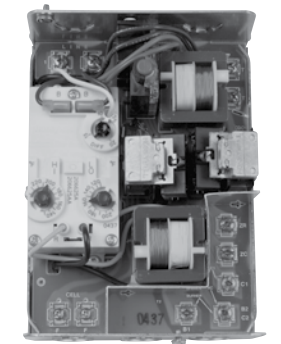
- Industry-standard intermittent ignition control
- Solid-state, flame-sensing circuit
- 45-second timing, safety switch
- Mounts on standard 4" x 4" junction box
- External button to manually reset safety switch after lockout



**2-YEAR
WARRANTY**

R8182 Combination Protectorelay® and Hydronic Heating Controllers

- Immersion-type Aquastat® controller and oil burner primary control
- Provides high limit and low limit/circulator control
- Use in intermittent ignition applications
- Circulator zone control with ZC and ZR terminals on R8182D, E, H, J



**2-YEAR
WARRANTY**

W8735S3000 EnviraCOM™ Alarm Module

- Works with any alarm generating EnviraCOM enabled control
- Local LED alarm present and communication active indication
- Simple low-voltage, 5-wire installation



Oil Primaries Selection Guide

OIL PRIMARIES						
		Specifications				
Ignition Type	Universal Service Part	Lockout Time (sec.)	Valve On Delay (sec.)	Blower Off Delay (min.)	Alarm Contacts	Manual Trip Lever w/ LED Indicator
Interrupted	R7284U1004	15	0/15	0/2/4/6	Yes*	Yes
			15			
			15	0.25		
		30	0/15	0/2/4/6		No
			45	0/15	0/2/4/6	Yes*
		Intermittent	R7284U1004	15		
30						
45						Yes
					Yes*	
R8184M1051	45					

(1) Includes 40 VA transformers and heat/cool thermostat connections for warm-air furnace applications.

*Alarm accessory module required. EnviraCOM™ Alarm Module W8735S3000

R8182 COMBINATION AQUASTAT AND OIL PRIMARY					
Direct Service Part	Features and Functions			Includes	Upgraded Cross-Reference
	Mounting	Differential Temperature (F)			Honeywell
		High Limit	Low Limit/Circulator		
R8182D1079	Vertical	10 fixed	10 to 25	Heat-Conductive Compound	R8182E1118
R8182D1111	Horizontal	10 fixed	10 to 25	Heat-Conductive Compound	R8182D1129
R8182H1070	J Box	10 fixed	10 to 25	Heat-Conductive Compound	
R8182J1042	J Box	15 fixed		Heat-Conductive Compound	R8182J1059

STACK SWITCHES		
Model Number	Ignition Type	Replaces
RA116A1055	Intermittent	RA116A1063
RA117A1047	Interrupted	

Cross-Reference			
Honeywell	Beckett	Carlin	White-Rodgers
R7184U1004, R7184P1031, R7184P1049, R7184P1056, R7184P1064, R7184P1072	7505P125M	50200-02S, 602000-02S, 6020002S015120, 6020002S030015, 6020002S030030, 6020002S030120, 6020002S030300, 6020002S030010	
R7184A1026, R7184A1075, R7184A1000	7505A0000	40200-02S	669-640, 669-670
R7184B1024, R7184B1032, R7184B1016	7505B1500		
R7184P1080, R7184P1098	7505P1515		
R7184U1012			
R7184A1018, R7184A1034		42230-02S	669-440, 669-445, 669-470, 669-540
R7184U1020			
R7184A1042			
R8184G1294, R8184G1302, R8184G4066, R8184G4074, R8184G4033, R8184G4090, R8184G1427, R8184G4058	7505A0000		668-601, 668-670
R8184G1393, R8184G1302, R8184G4074, R8184G4033			668-501
R8184G1286, R8184G1427, R8184G1458, R8184G4009, R8184G4025, R8184G4082, R8184G4108		48245-S	668-401, 668-415, 668-430, 668-515
			668-430
R8184M1002			668-441, 668-451, 668-454

CAD CELL SELECTOR GUIDE									
Product Number	CAD Cells (1)	Lead Length (in.)	Wire Termination	Mounting Bracket	Includes	Tradeline Value	Replaces	White-Rodgers	Westwood
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.

For a complete cross-reference, visit www.customer.honeywell.com