resideo

REPLACING R8184G4009 WITH R7284U WIRING

L2

JUCTION BOX

R7284U1004 (BOTTOM)

BURNER MOTOR

IGNITION

L1 (HOT)

LIMIT CONTROL

IGNITER

MOTOR

VALVE

LIMIT

L1

L2

L2

L2

L2

CAD CELL

CAD CELL

R7284 Oil Primary Control

Control Ratings: (120 Vac, 60 Hz)
Igniter–3 AMPS; Valve–1 AMP
Motor–?9 AMPS
Set thermostat anticipator to 0.1 AMP

Basic Operation:
• Press ⬇ to scroll through control information.
• Hold ⬇ for 2 seconds to force control reset.

Error History:
• Press △ or ▽ to scroll through error history.
• Press ⬇ to exit error history.

⚠ **WARNING**

Fire Hazard!
Can cause severe burns!
To prevent fire or spilling fuel
oil, reset control only once.
Call local service company
if burner does not light.

Electrical shock hazard!
Can cause injury or death!
Disconnect power before
servicing.

R7284U1004 (TOP)

DISPLAY SCREEN

T   T3   2   1   ECOM

THERMOSTAT

NOTES:

MCR37135C

R7284U1004 INSTALLER SETUP

Installer setup is entered by pushing all three buttons simultaneously for 2 seconds.

```
INSTALLER SETUP
QUIT   [CONT.]
```
M32092

If QUIT is selected, an "i" button press displays the Re-baseline option.
If CONT is selected, an "i" button press goes to "Installer Setup".

```
LANGUAGE
[ENG] FR ESP
```

Select between English, French, or Spanish by using the up or down buttons and the "i" button to select.

```
VALVE ON DELAY
0:15
```

Adjustment of the Valve On Delay in five second increments.

```
IGNITION TIME
0:15
```
M32093

Ignition (lockout) Time adjustment.

NOTE: The Ignition Time is only available for adjustment during the first 100 cycles of operation. After 100 cycles the ignition time is locked in and can no longer be adjusted.

```
BURNER OFF DELAY
2:00
```

Adjustment of the Burner Off Delay. Burner Off Delay can be adjusted in 15 second increments from 0 to 8 minutes.

```
TT CONFIGURED ON
[NO] YES
```

Configuration of the TT terminals vs. an "internal jumper." This option allows you to jumper the TT terminals electronically so no physical jumper is needed.

```
SPARK IN ON DLY
[NO] YES
```

Controls sparking during On Delay period.

```
SPARK DURING RUN
[NO] YES
```

Controls sparking during Run mode. (Interrupted versus intermittent ignition.)

```
ALLOWED RESETS
0 1 [3] NOLIM
```

Number of resets allowed before Restricted Lockout.

```
APPLIANCE TYPE
[BLR] FURN WH
```

Appliance configuration (boiler, furnace, water heater) for EnviraCOM™.

```
SHOW DIAGNOSTICS
[NO] YES
```

Enable advanced diagnostics mode and error history. Selecting NO allows access to error history and diagnostics only by entering Installer Setup.

```
INSTALLER SETUP
[QUIT] CONT.
```

Exit installer setup.

```
RE-BASELINE?
[NO] YES
```
M32101

If "QUIT" is selected, the user is prompted with a screen asking if it is desired to re-baseline the control.