

# Oil Furnace Info

## Understanding the R7184 Series Control and its Features

MODEL	ADVANCED FEATURES
R7184A 1000	Interrupted duty ignition microprocessor-based control.
R7184B 1016	All features of the R71 84A1 000 plus a 15 second valve-on delay (pre-purge).
R7184P 1031*	All features of the R7184B1016 plus a burner motor-off delay (post-purge): field selectable 1/2, 2, 4, or 8 minutes.
R7184P 1049 / R7184U *	All features of the R7184P1031 plus dry alarm contact terminals (30VAC, 2A max). Pre-purge and post-purge can be field disabled together by a DIP switch setting.

\*POSTPURGE TIMINGS MAY BE DIFFERENT.

## LED INDICATOR KEY

On	Flame sensed
Off	Flame not sensed
Flashing (1/2 sec. on, 1/2 sec. off)	Lockout / Restricted Lockout
Flashing (2 sec. on, 2 sec.off)	Recycle

## CAD CELL RESISTANCE CHECK

While the burner is firing, and after the ignition has been turned off, press and release the reset button (hold 1/2 sec. or less) to check the cad cell resistance. The LED will flash 1 to 4 times, depending on the cad cell resistance (see the chart at the right). For proper operation, it is important that the cad cell resistance is below 1600 Ohms.

LED FLASHES	CAD CELL RESISTANCE.
1	0—4000hms
2	400 — 800 Ohms
3	800 — 1600 Ohms
4	less than or equal 1600 Ohms