

January, 2002

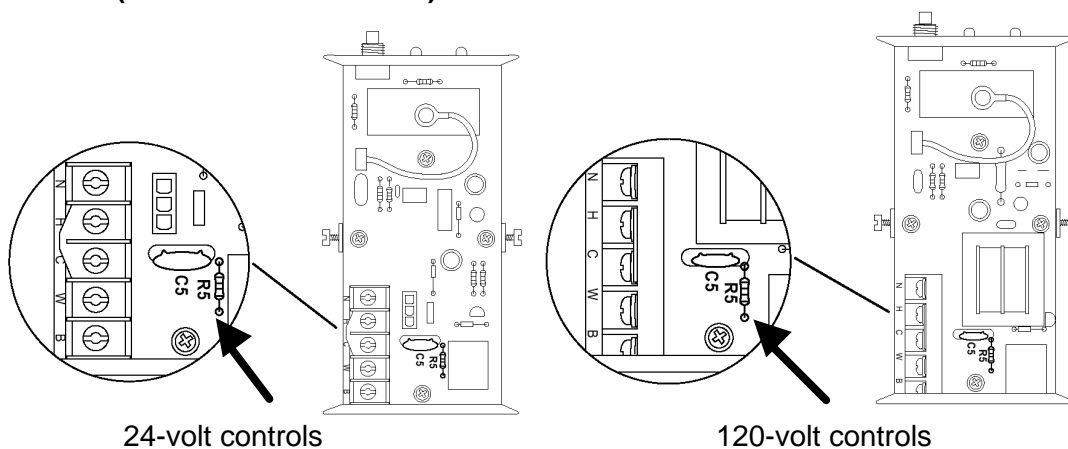
SERVICE BULLETIN

Series PS-800 & PS-850 LWCO's

The purpose of this service bulletin is to inform field installers of potential nuisance burner operation associated with Series PS-800 & PS-850 low water cut-off's having date codes **March 2001 (01C) through November 2001 (01L)** and red/green lights. **In some cases** when these controls are used with more sophisticated burner controls (those with feedback circuitry), burner control may become erratic. If this occurs, the burner control will initiate the pre-purge cycle, then stop and repeat. Although a nuisance, the burner is never allowed to fire and boiler safety is not compromised.

To remedy this situation, McDonnell & Miller recommends either field repair or replacement of the Series PS-800 and PS-850 controls under warranty. If you choose to replace the control, please follow McDonnell & Miller's normal warranty procedure.

However, if field repair is more desirable, removal of a component on the circuit board is required. The affected circuit consists of two components, resistor (R5) and capacitor (C5). The locations of these components are directly above the terminal block for both 24-volt and 120-volt controls (see diagrams below). We recommend the removal of resistor (R5) by carefully cutting the component leads. To remove (R5), turn off power to the unit and clip the wire leads connecting the component to the circuit board. **(Continued on reverse).**



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The affected circuit has been removed from all units manufactured beginning **December 2001 (date code 01M)**. Units with this or later date codes are not affected by this service bulletin.

We apologize for any inconvenience or confusion caused by this issue. Contact McDonnell & Miller direct (773-267-1600) or your local Factory Representative if you have any questions.

McDonnell & Miller



3500 N. Spaulding Avenue
Chicago, Illinois 60618
tel: 773 267-1600
fax: 773 267-0991