

New Product Product Update

To: All Heatilator Distributors
From: Pat Conners, Gas Products Manager
Re: Robertshaw Ignition Control Module

December 2, 1994

On November 29, 1994, all Heatilator gas electronic ignition decorative appliances (with the exception of the EZE Series inserts) were switched to an electronic ignition control module manufactured by Robertshaw Controls Co. This new Robertshaw control replaces both the grey Fenwal and the black Channel Products ignition modules for both production and service requirements.

We are offering this new ignition control to make service diagnosis easier. On the front of the box is a red LED light. This light will allow you to diagnose service issues as they arise.

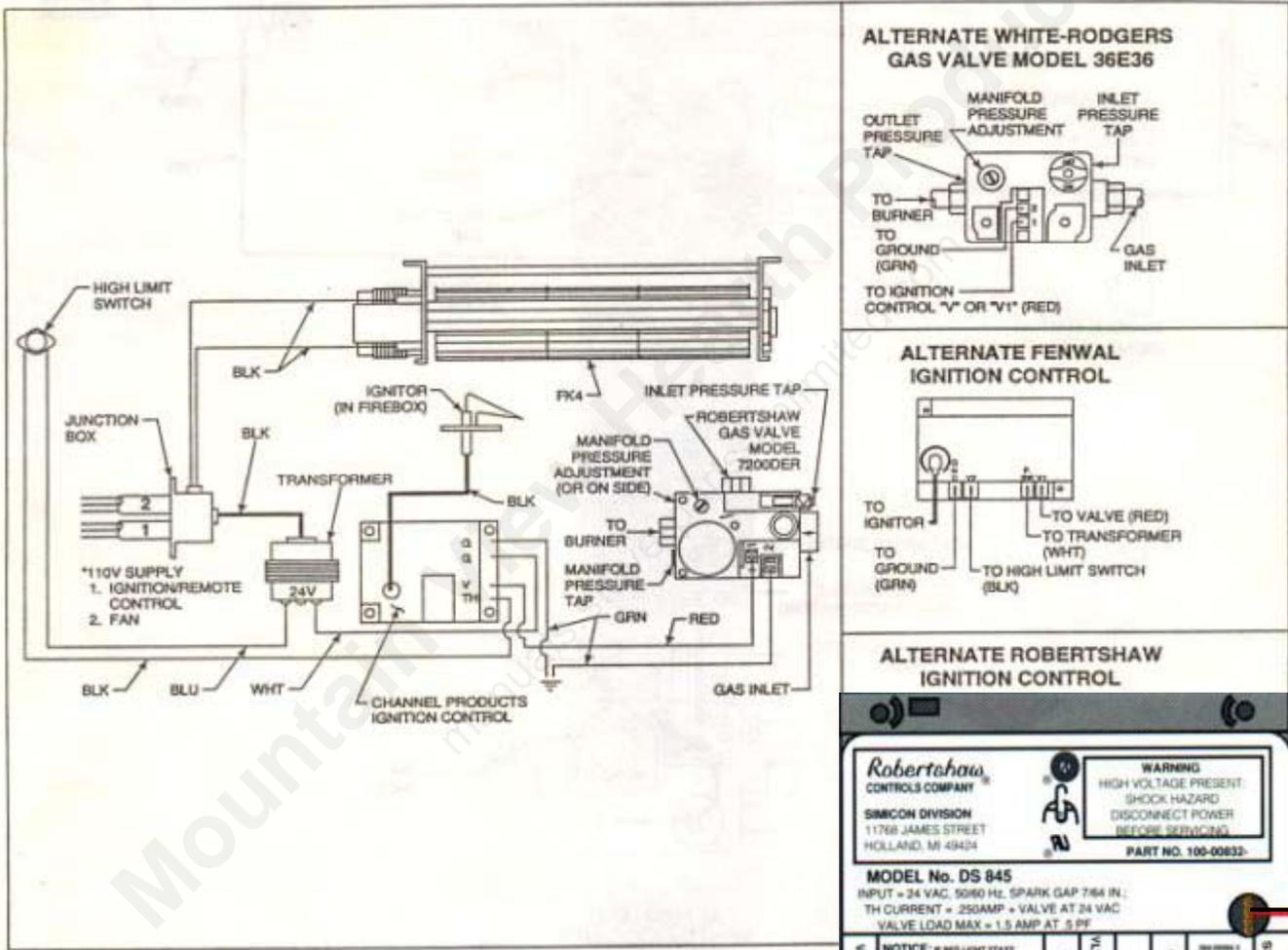
This control module will also provide an additional safety measure to the ignition process. If flame recognition is lost after 10 seconds of burning, the unit will cycle (attempt to relight). However, a 30 second delay allows the unit to purge any raw gas that may be present.

Red LED Light	Diagnosis	Course of Action
Flashes Once and Then Stays Off	Regular Operation	Unit works normally; no action is needed.
Flashes Continuously	External Lockout; power is coming to ignition control module normally but flame recognition does not occur properly during the first 10 seconds of attempted ignition. Unit will not attempt to relight unless manually restarted.	Check for problem in ignitor, valve, wires to valve, or gas supply.
Stays Lit With No Flashing	Internal Lockout; ignition control module has diagnosed an internal problem.	Replace module.
Does Not Light at All	No Power to Unit; electricity is not reaching ignition module.	Check power supply, wall switch, junction box, transformer, or safety circuit to ignition control module.

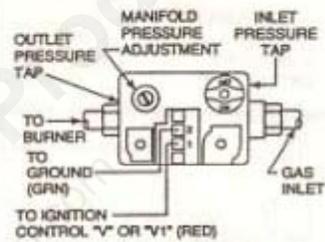
The red LED light will help determine a starting point for your troubleshooting efforts. Refer to the Heatilator Gas Fireplace Service Guide for complete troubleshooting instructions.

The attached installation addendum is being included in all installation instructions for electronic ignition decorative gas appliances (with the exception of the EZE Series inserts).

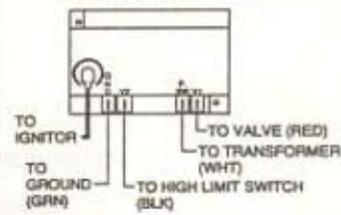
INSTALLATION ADDENDUM



ALTERNATE WHITE-RODGERS GAS VALVE MODEL 36E36



ALTERNATE FENVAL IGNITION CONTROL



ALTERNATE ROBERTSHAW IGNITION CONTROL

Robertshaw
CONTROLS COMPANY
SIMCON DIVISION
11768 JAMES STREET
HOLLAND, MI 49424

MODEL No. DS 845
INPUT = 24 VAC, 50/60 HZ, SPARK GAP 7/64 IN.
TH CURRENT = 250AMP + VALVE AT 24 VAC
VALVE LOAD MAX = 1.5 AMP AT 5 PSI

WARNING
HIGH VOLTAGE PRESENT
SHOCK HAZARD
DISCONNECT POWER
BEFORE SERVICING
PART NO. 105-00832

NOTICE: IF RED LIGHT STAYS ON CONTINUOUSLY REPLACE THE CONTROL. FOR FLASHING LIGHT, REFER TO THE SERVICE INSTRUCTIONS.

24 VAC	HL	VALVE	HL	GRND	IGNITOR	IGNITOR
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- To Valve
- To HL Switch (BLK)
- To ignitor bracket if ignitor has ground wire.
- To Transformer (wht)
- To Ignitor
- To Ground

This installation addendum illustrates Heatilator's color-coded wiring system. The diagrams shown on this sheet may be used for customer service problems dealing with the wiring of an electronic ignition unit (page A1) or a standing pilot unit (page A2).

