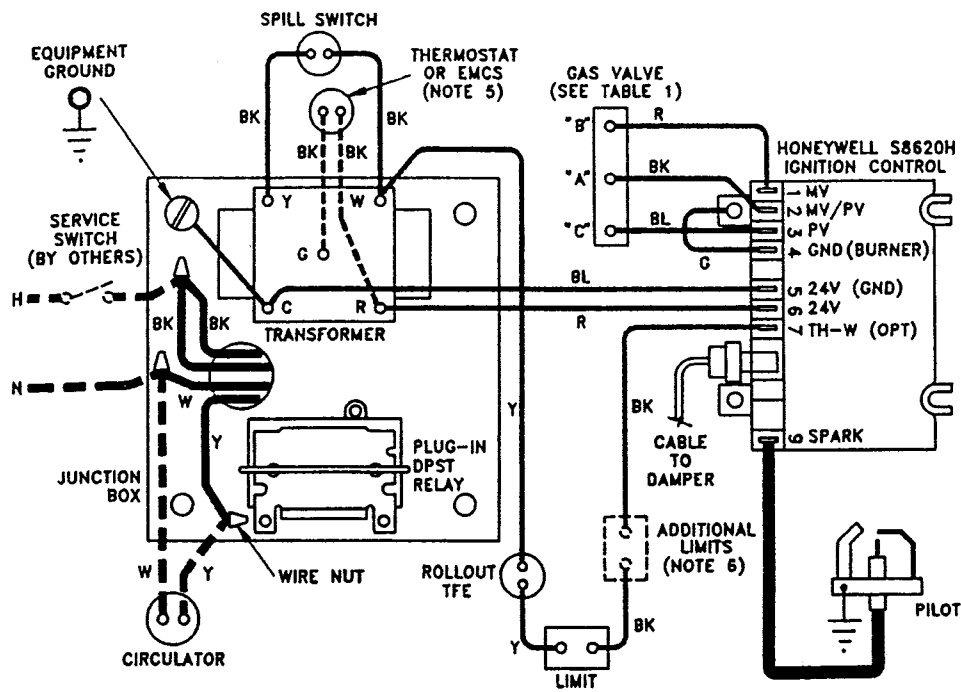
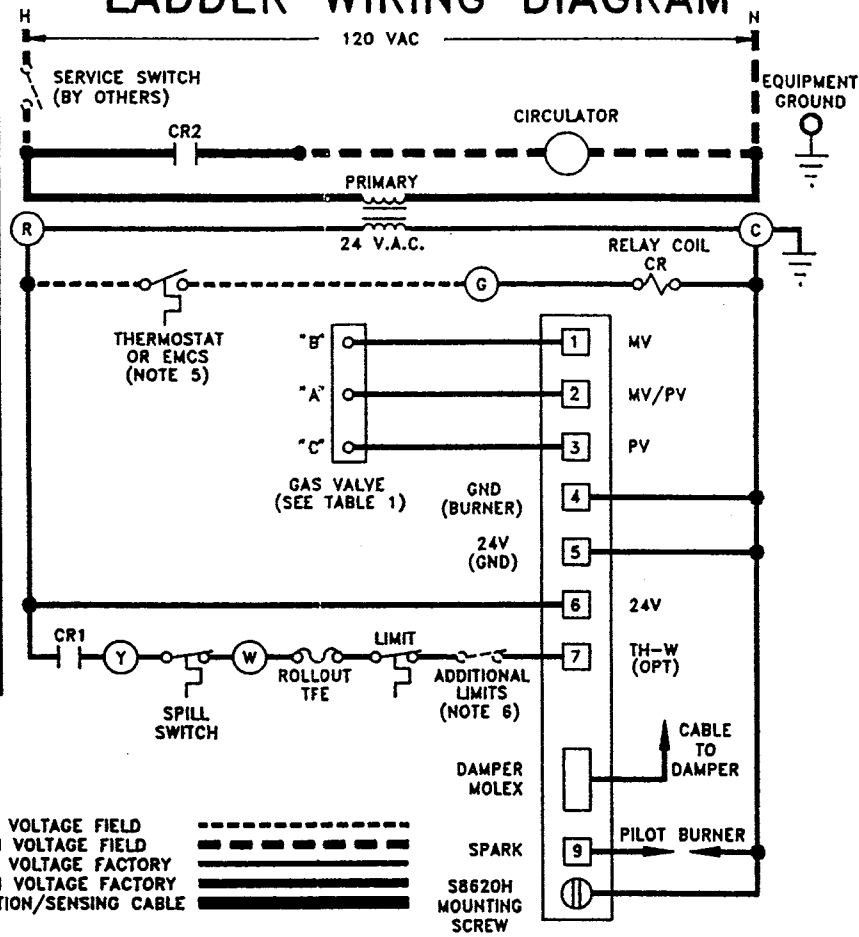


SCHEMATIC WIRING DIAGRAM



LADDER WIRING DIAGRAM



WARNING

ELECTRICAL SHOCK HAZARD. CAN CAUSE SEVERE INJURY OR DEATH. DISCONNECT POWER BEFORE INSTALLING AND/OR SERVICING.

NOTES:

- ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
 - U.S.A. - NATIONAL ELECTRICAL CODE AND ANY OTHER NATIONAL, STATE, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
 - CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1 AND ANY OTHER NATIONAL, PROVINCIAL, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
- ALL SAFETY CIRCUIT WIRING MUST BE:
 - U.S.A. - N.E.C. CLASS 1.
 - CANADA - C.S.A. C22.1 C.E.C. PART 1.
- IF ORIGINAL ROLLOUT TFE WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, TYPE 200°C WIRE OR ITS EQUIVALENT MUST BE USED. IF OTHER ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, TYPE 105°C OR ITS EQUIVALENT MUST BE USED.
- REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH BOILER FOR APPLICATION INFORMATION.

- THERMOSTAT** - FOR SINGLE ZONE SYSTEMS, THERMOSTAT ANTICIPATOR SETTING IS 0.40 AMPS. FOR MULTIPLE ZONE SYSTEMS USING ZONE VALVES OR CIRCULATORS, REFER TO COMPONENT MANUFACTURER'S INSTRUCTIONS FOR APPLICATION WIRING AND THERMOSTAT ANTICIPATOR SETTING.
- EMCS** - FOR EMCS CONNECTION IN PLACE OF THERMOSTAT, REFER TO EMCS INSTALLATION/OPERATING MANUAL.
- L.W.C.O., ADDITIONAL HIGH LIMIT, WIRED IN SERIES.
- NOTICE - ALL CONTACTS SHOWN WITHOUT POWER APPLIED - OFF SHELF CONDITION.

TABLE 1: GAS VALVE TERMINAL DESIGNATIONS

GAS VALVE	"A"	"B"	"C"
HONEYWELL VR8304	PV/MV	MV	PV
HONEYWELL VR8440	TR	TH	TH-TR
WHITE-RODGERS 36C	2-4°	1	3

*FACTORY JUMPERED

Wiring Diagram for PFG-5
 • Intermittent Ignition System, Honeywell 58620H
 • Forced Hot Water

WEIL-McLAIN

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PART NUMBER 550-101-154/1291WM