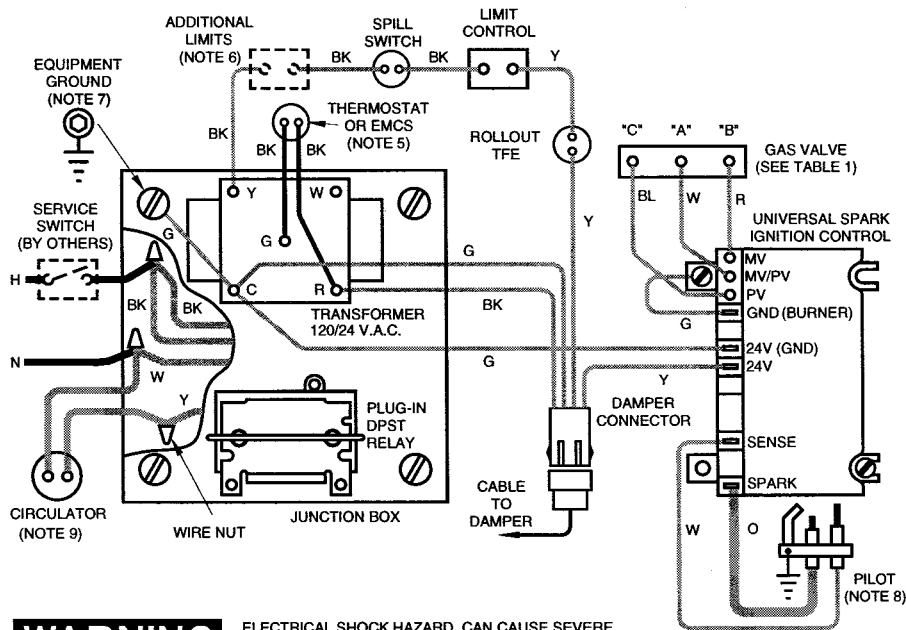


SCHEMATIC WIRING DIAGRAM



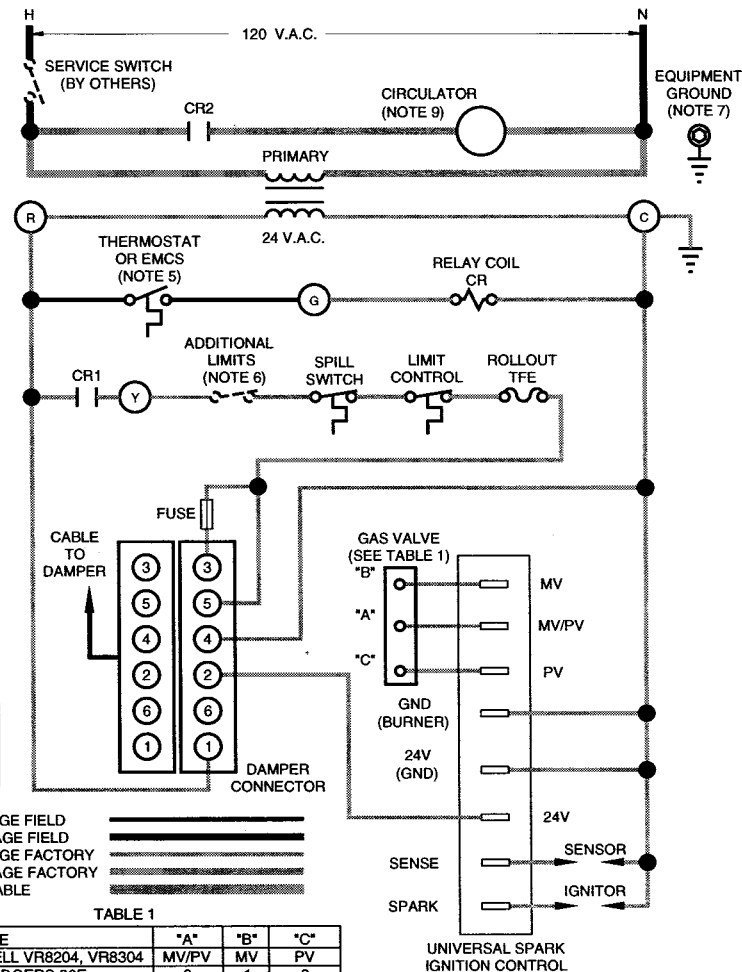
WARNING

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.
 - CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1 AND ANY OTHER NATIONAL, PROVINCIAL OR LOCAL CODE REQUIREMENTS.
- ALL CONTACTS SHOWN WITHOUT POWER APPLIED-OFF SHELF CONDITION.
- 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, ETC., WIRED IN SERIES.
- ⏏ DENOTES FIELD INSTALLED CHASSIS GROUND.
- PILOT LEADWIRES ARE NOT FIELD REPLACEABLE. REPLACE PILOT ASSEMBLY IF NECESSARY.
- CIRCULATOR IS FIELD INSTALLED AND WIRED FOR PFG-5 BOILER.

LADDER WIRING DIAGRAM



LOW VOLTAGE FIELD
HIGH VOLTAGE FIELD
LOW VOLTAGE FACTORY
HIGH VOLTAGE FACTORY
IGNITION CABLE

TABLE 1

| GAS VALVE | "A" | "B" | "C" |
|--------------------------|-------|-----|-----|
| HONEYWELL VR8204, VR8304 | MV/PV | MV | PV |
| WHITE-RODGERS 36E | 2 | 1 | 3 |
| WHITE-RODGERS 36C | 2-4* | 1 | 3 |
| ROBERTSHAW 7200 | C | M | P |

*FACTORY JUMPERED

CGX 3 thru 6
CG 25 thru 8
PFG 5

- Intermittent Pilot
- Natural Gas
- Forced Hot Water



WEIL-McLAIN
A United Dominion Company

Weil-McLain • 500 Blaine St. • Michigan City, IN 46360-2388

PART NUMBER **550-223-810/0196WM**