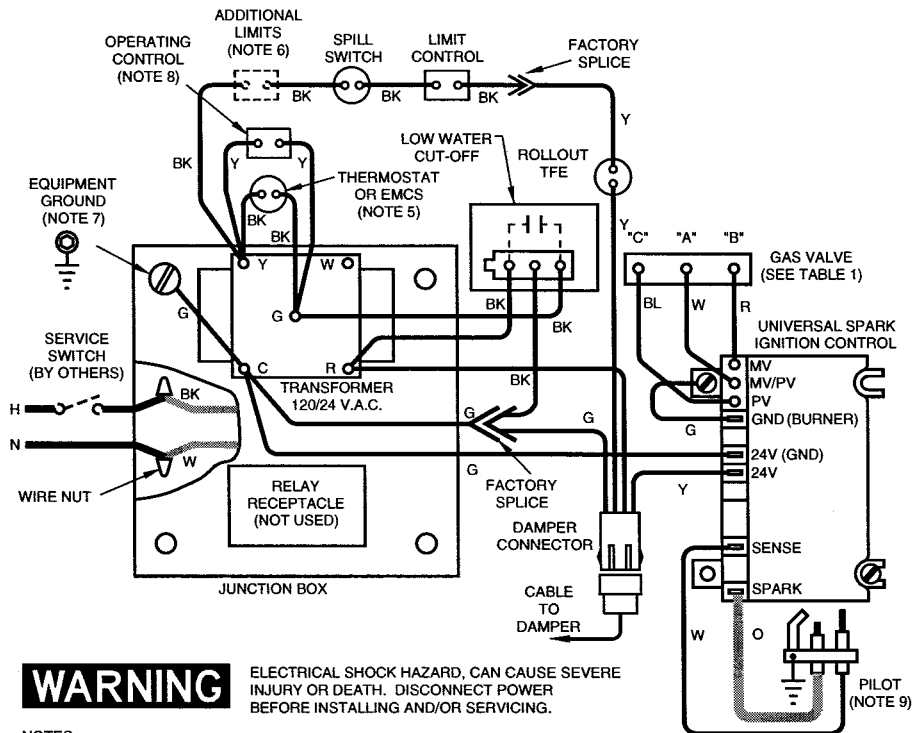


SCHEMATIC WIRING DIAGRAM



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 - SET ANTICIPATOR TO MATCH AMPERE DRAW OF GAS VALVE PLUS VENT DAMPER.
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.
- OPERATING CONTROL REQUIRED WITH TANKLESS HEATER.
- PILOT LEADWIRES ARE NOT FIELD REPLACEABLE. REPLACE PILOT ASSEMBLY IF NECESSARY.

LADDER WIRING DIAGRAM

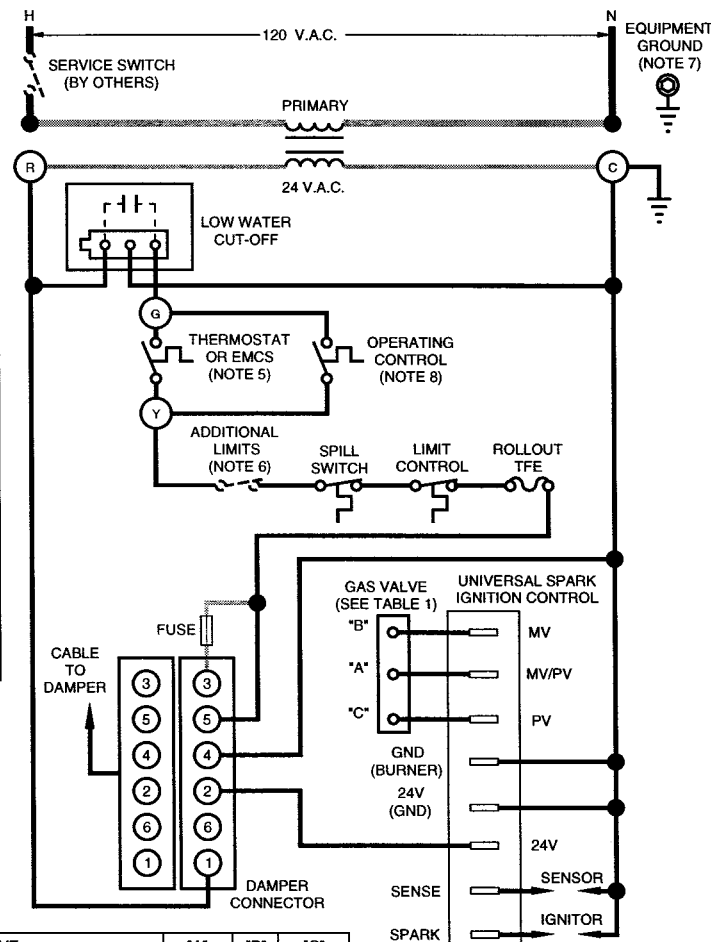


TABLE 1

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

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

EG
30 thru 75
PEG
30 thru 55

- Intermittent Pilot
- Natural Gas
- Steam, With or Without Tankless
- Probe-Type Low Water Cut Off



WEIL-McLAIN

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PART NUMBER **550-223-814/0196WM**