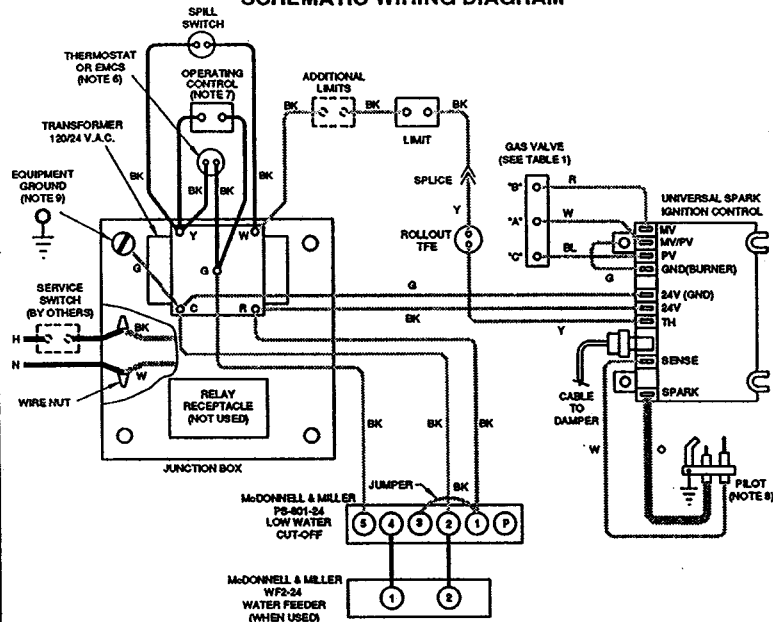
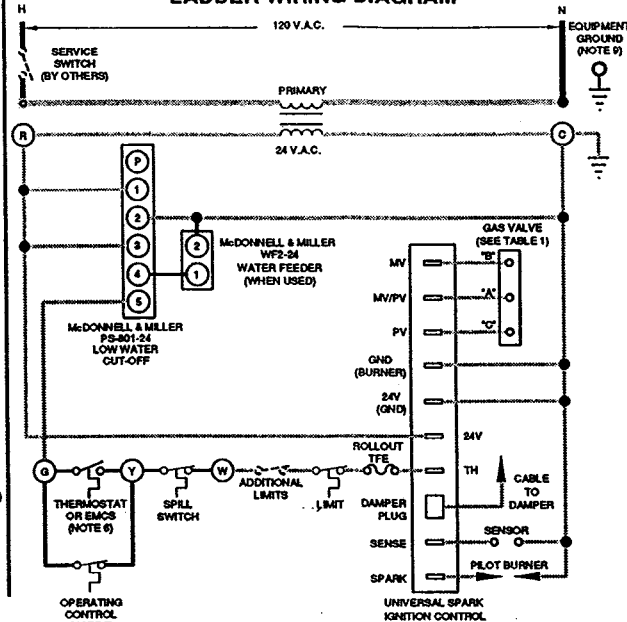


STEAM BOILER WITH McDONNELL & MILLER LOW WATER CUT OFF

SCHEMATIC WIRING DIAGRAM

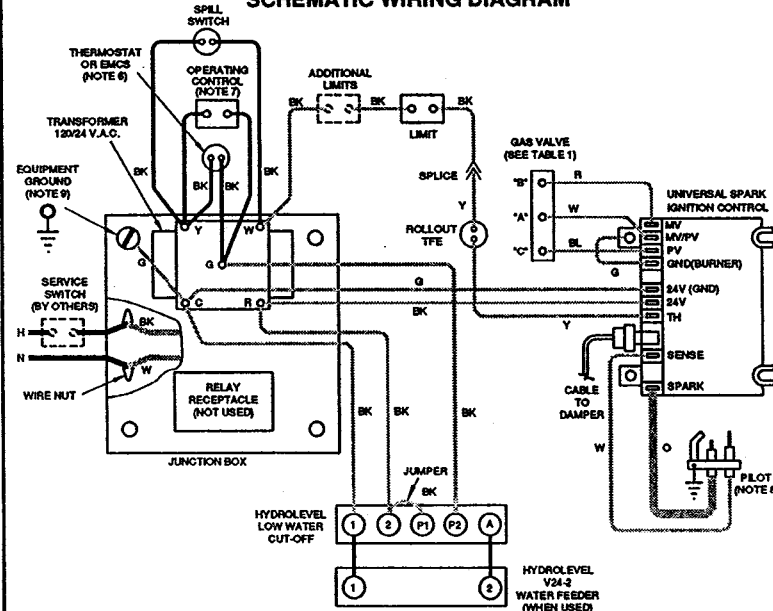


LADDER WIRING DIAGRAM

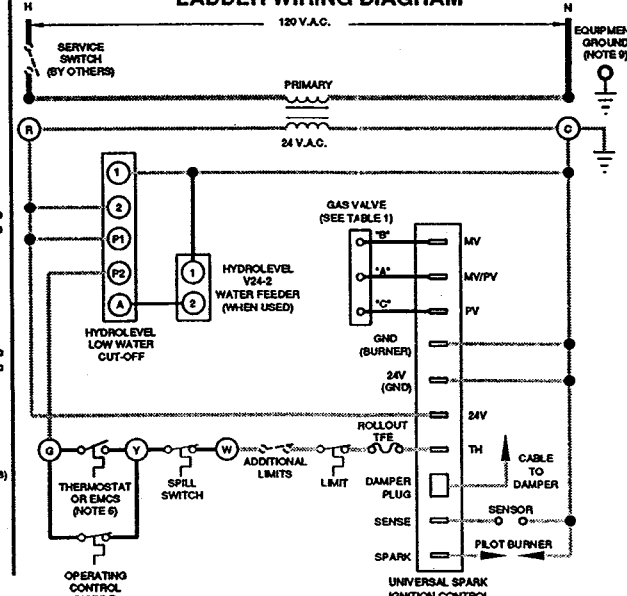


STEAM BOILER WITH HYDROLEVEL LOW WATER CUT OFF

SCHEMATIC WIRING DIAGRAM



LADDER WIRING DIAGRAM



PEG 30 thru 55

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

NOTES

WARNING

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

- ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
A. U.S.A. - NATIONAL ELECTRICAL CODE AND ANY OTHER NATIONAL, STATE, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
B. CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1 AND ANY OTHER NATIONAL, PROVINCIAL, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
- ALL WIRING MUST BE:
A. U.S.A. - N.E.C. CLASS 1.
B. 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 20°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.
- ALL CONTACTS SHOWN WITHOUT POWER APPLIED - OFF SHELF CONDITION.
- THERMOSTAT - SET ANTICIPATOR TO MATCH AMPERE DRAW OF GAS VALVE PLUS IGNITION CONTROL MODULE.
EMCS - FOR EMCS CONNECTION IN PLACE OF THERMOSTAT, REFER TO EMCS INSTALLATION/OPERATING MANUAL.
- REQUIRED WITH TANKLESS HEATER.
- PILOT LEADWIRES ARE NOT FIELD REPLACEABLE. REPLACE PILOT ASSEMBLY IF NECESSARY.
- $\frac{0}{\frac{1}{2}}$ DENOTES FIELD INSTALLED CHASSIS GROUND.

TABLE 1: GAS VALVE TERMINAL DESIGNATIONS

GAS VALVE MODEL	"A"	"B"	"C"
HONEYWELL VR8440	TR	TH	TH+TR
HONEYWELL VR6204, VR6304	MV/PV	MV	PV
WHITE-RODGERS 36E	2	1	3
WHITE-RODGERS 36C	2-4	1	3
ROBERTSHAW 7200	C	M	P

* FACTORY JUMPED

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

WEIL-McLAIN

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