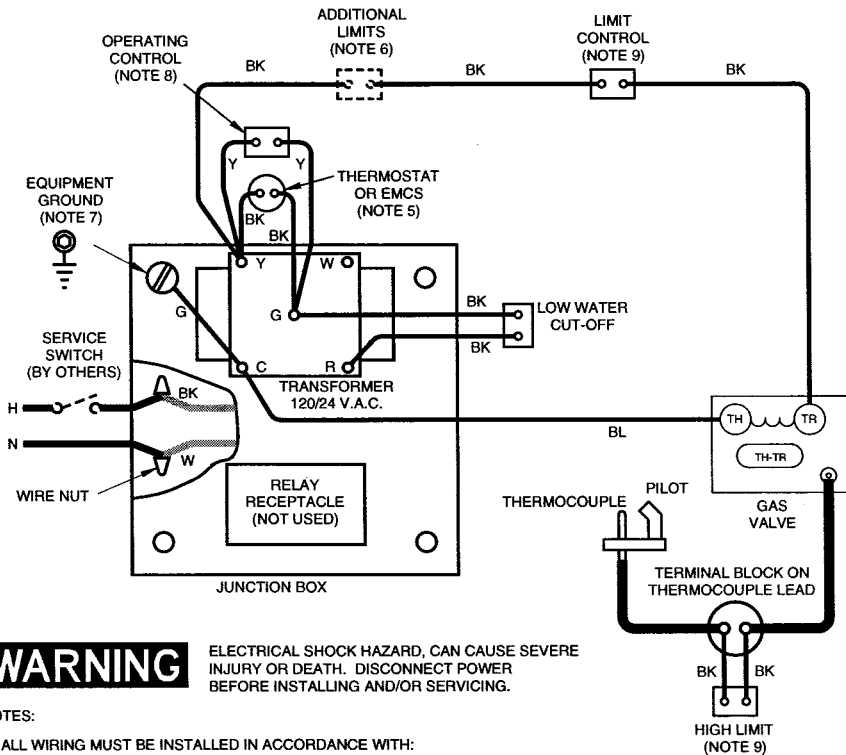



SCHEMATIC WIRING DIAGRAM



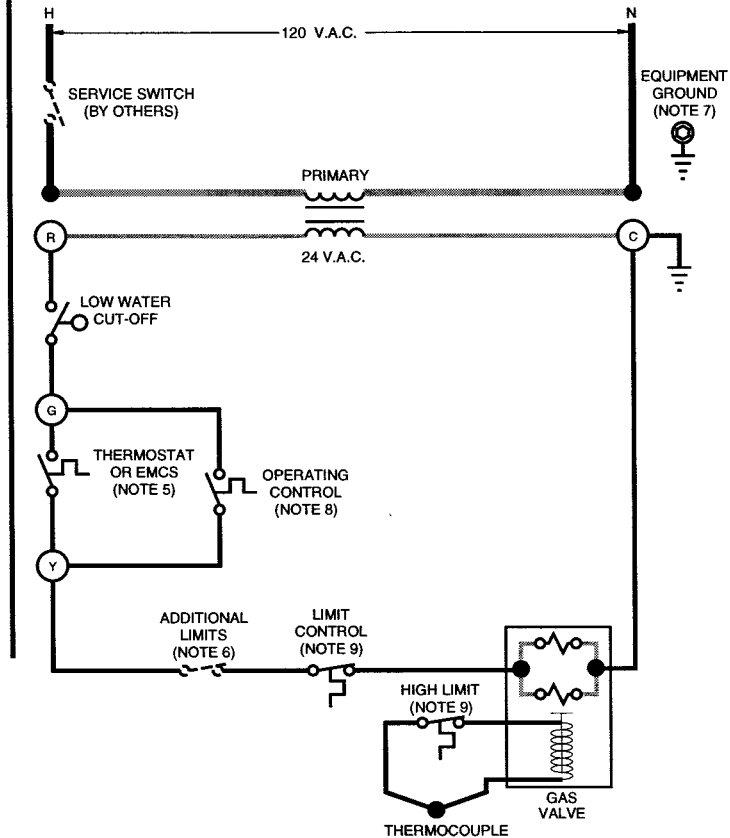
WARNING

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

NOTES:

1. ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
 - A. U.S.A. - NATIONAL ELECTRICAL CODE AND ANY OTHER NATIONAL, STATE OR LOCAL CODE REQUIREMENTS.
 - B. CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1 AND ANY OTHER NATIONAL, PROVINCIAL OR LOCAL CODE REQUIREMENTS.
2. ALL CONTACTS SHOWN WITHOUT POWER APPLIED-OFF SHELF CONDITION.
3. 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.
4. REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH BOILER FOR APPLICATION INFORMATION.
5. THERMOSTAT - SET ANTICIPATOR TO MATCH AMPERE DRAW OF GAS VALVE.
EMCS - FOR EMCS CONNECTION IN PLACE OF THERMOSTAT, REFER TO EMCS INSTALLATION/OPERATING MANUAL.
6. L.W.C.O., ADDITIONAL HIGH LIMIT, ETC., WIRED IN SERIES.
7.  DENOTES FIELD INSTALLED CHASSIS GROUND.
8. OPERATING CONTROL REQUIRED WITH TANKLESS HEATER.
9. ADJUST LIMIT CONTROL TO DESIRED SYSTEM SETTING. ADJUST HIGH LIMIT TO MINIMUM 2 PSI ABOVE SYSTEM TO AVOID NUISANCE PILOT OUTAGE.

LADDER WIRING DIAGRAM



LOW VOLTAGE FIELD
HIGH VOLTAGE FIELD
LOW VOLTAGE FACTORY
HIGH VOLTAGE FACTORY
THERMOCOUPLE

EGH

85 and 95

- Standing Pilot
- Natural Gas
- Steam, With or Without Tankless
- Float-Type Low Water Cut Off



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