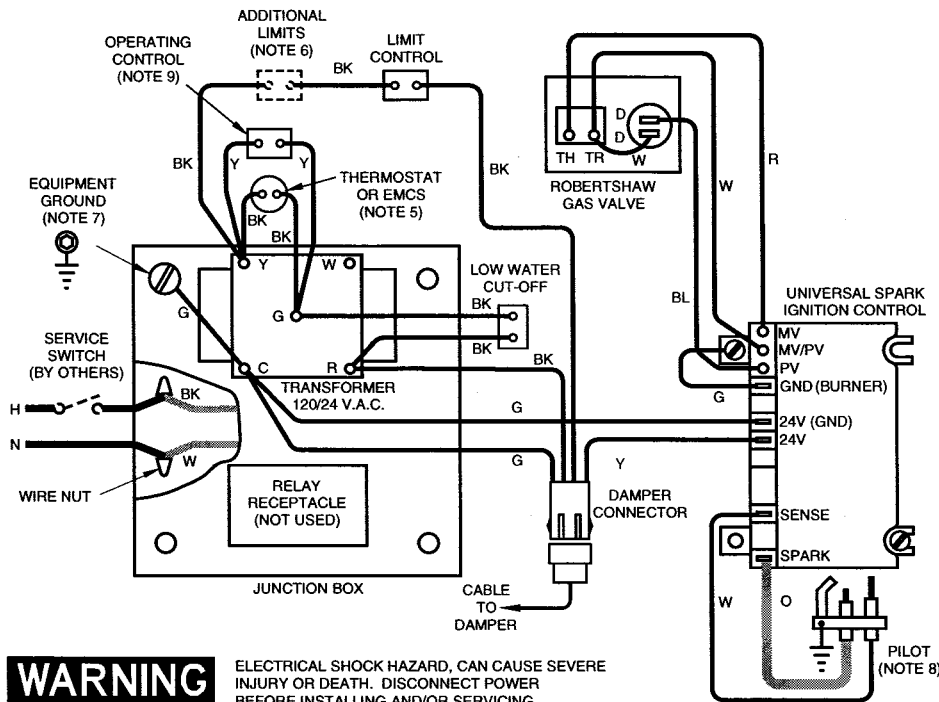


# SCHEMATIC WIRING DIAGRAM

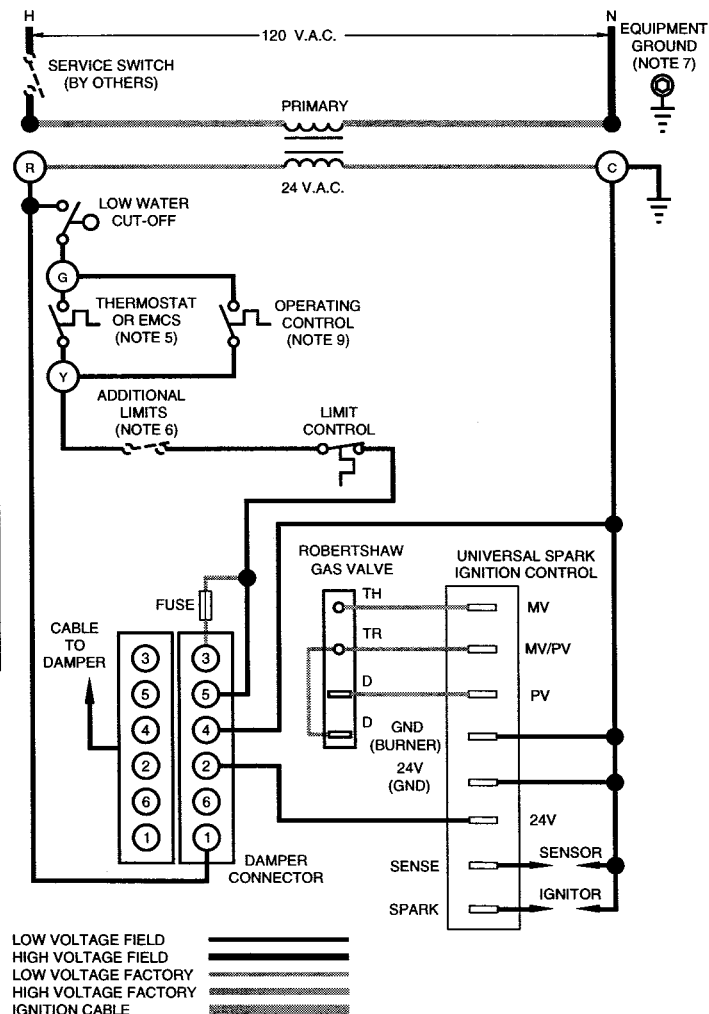


## WARNING

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 (IF USED).  
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.
  - OPERATING CONTROL REQUIRED WITH TANKLESS HEATER.

# LADDER WIRING DIAGRAM



**EGH**

85 thru 125

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



**WEIL-McLAIN**  
A United Dominion Company

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

PART NUMBER **550-223-817/0196WM**