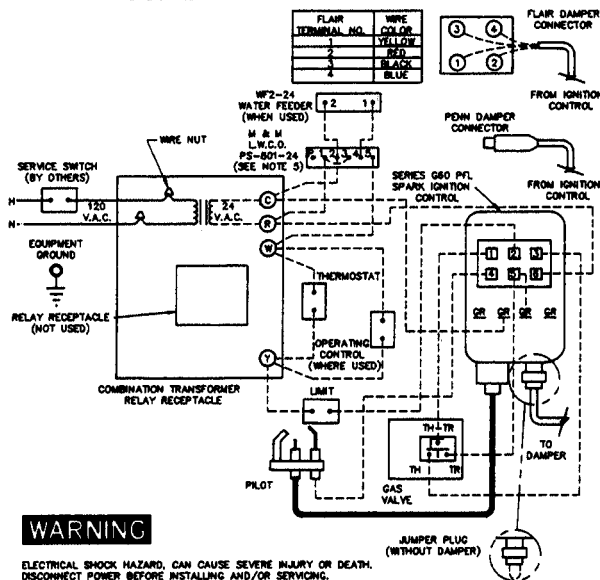
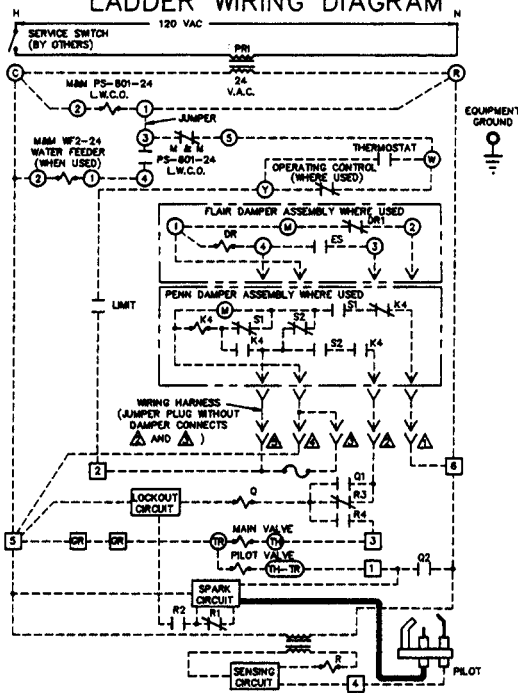


SCHEMATIC WIRING DIAGRAM



THERMOSTAT HEATER SETTINGS	
W/O DAMPER	0.25 AMPS
W/FLAIR	0.30 AMPS
W/PENN	0.35 AMPS

LADDER WIRING DIAGRAM

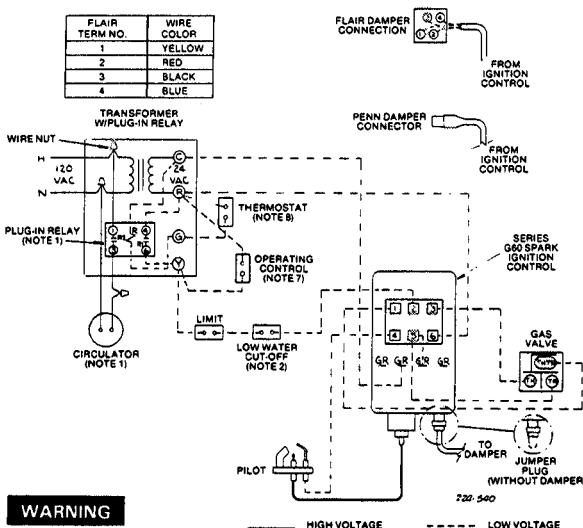


EGH STEAM BOILER SCHEMATIC AND LADDER WIRING DIAGRAMS - PI ELECTRIC PILOT SYSTEM WITH JOHNSON CONTROLS G80 IGNITION CONTROL WITH OR WITHOUT VENT DAMPER. APPLICABLE FOR STEAM WITH MCGONNELL AND MILLER PS-801-24 LOW WATER CUT-OFF WITH OR WITHOUT WF2-24 WATER FEEDER AND OPTIONAL INDIRECT HEATER.

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A Marley Company

PART NO. 550-101-173/0868 WH

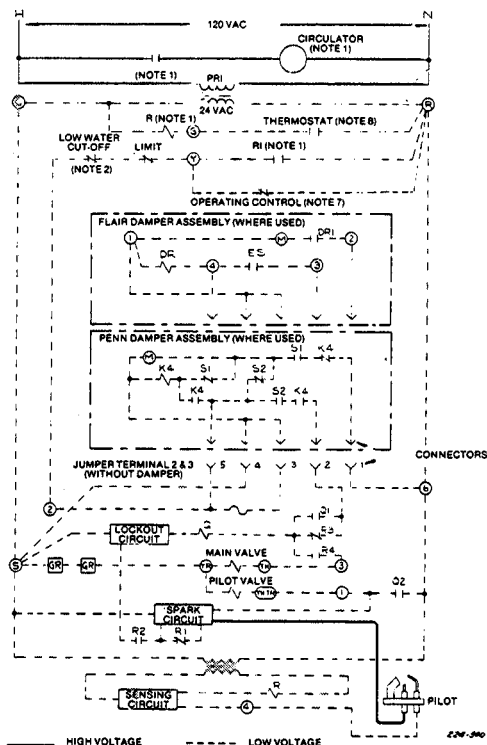
SCHEMATIC WIRING DIAGRAM



- NOTES:**
- Plug-in relay and circulator are not used with steam boilers.
 - Low water cut-off furnished with steam boilers only.
 - All wiring must be installed in accordance with the requirements of the National Electrical Code and any additional national, state, or local code requirements having jurisdiction.
 - All safety circuit wiring must be N.E.C. Class 1.
 - Refer to Control Components Instruction Sheets packed with the boiler for application information.
 - Use only 90°C C. Thermoplastic Wire, or equivalent, if any of the original wire must be replaced.
 - Required for boilers equipped with tankless heater only.
 - For steam boilers only, connect thermostat to terminals "R" and "Y" on transformer.

THERMOSTAT HEAT ANTICIPATOR SETTING			
Forced Hot Water	Steam		
All Applications	Without Damper	With Flair Damper	With Penn Damper
0.4 Amps.	0.25 Amps.	0.30 Amps.	0.35 Amps.

LADDER WIRING DIAGRAM



EGH and P-FG Boiler Schematic and Ladder Wiring Diagrams. PI Electronic Ignition Pilot System with Penn Ignition Control with or without vent damper. Applicable for P-FG boilers for forced hot water only and EGH boilers for forced hot water or steam with or without indirect water heater.

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Part No. 550-224-540/781