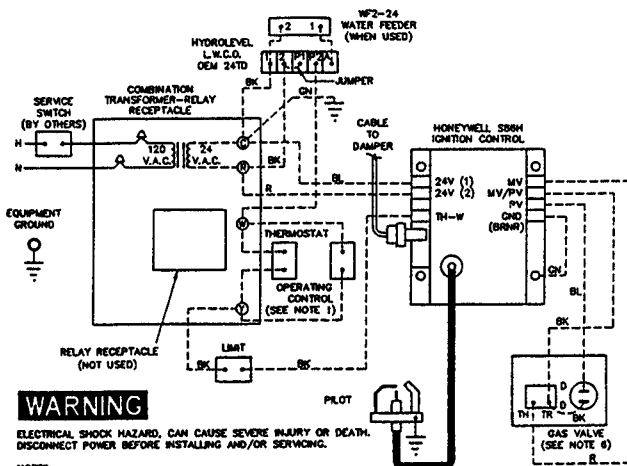


SCHEMATIC WIRING DIAGRAM



WARNING

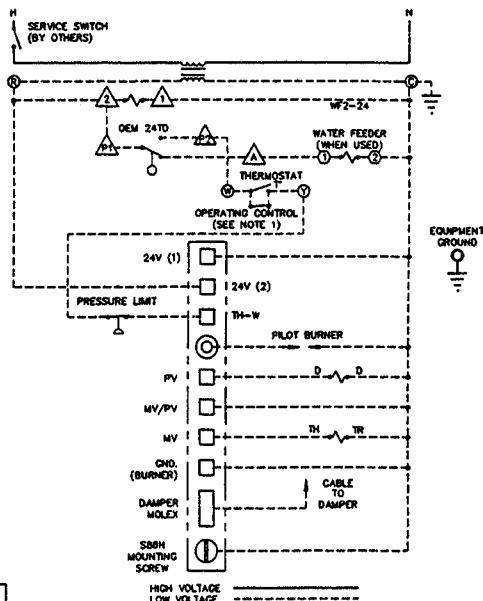
ELECTRICAL SHOCK HAZARD, CAN CAUSE SEVERE INJURY OR DEATH. DISCONNECT POWER BEFORE INSTALLING AND/OR SERVICING.

NOTES:

1. REQUIRED FOR STEAM SYSTEM WITH TANKLESS HEATER.
2. ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
 - a. U.S.A. - N.E.C. AND ANY OTHER NATIONAL, STATE, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
 - b. CANADA - C.S.A. C22.1 C.E.C. PART 1 AND ANY OTHER NATIONAL, PROVINCIAL, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
3. ALL SAFETY CIRCUIT WIRING MUST BE:
 - a. U.S.A. - N.E.C. CLASS 1.
 - b. CANADA - C.S.A. C22.1 C.E.C. PART 1.
4. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
5. REFER TO CONTROL COMPONENTS INSTRUCTIONS SHEETS PACKED WITH THE BOILER FOR APPLICATIONS INFORMATION.
6. FOR HONEYWELL VR844K GAS VALVE, CONNECT RED WIRE TO TH, BLACK WIRE TO TR, BLUE WIRE TO TH-TR.

THERMOSTAT HEAT ANTICIPATOR SETTING	
WITHOUT DAMPER	WITH DAMPER
0.8 AMPS	0.9 AMPS

LADDER WIRING DIAGRAM



NOTICE - ALL CONTACTS SHOWN WITHOUT POWER APPLIED - OFF SHELF CONDITION.

EG/ECM STEAM BOILER SCHEMATIC AND LADDER WIRING DIAGRAMS. HONEYWELL 586H ELECTRONIC IGNITION SYSTEM WITH OR WITHOUT VENT DAMPER. APPLICABLE FOR STEAM WITH HYDROLEVEL LOW WATER CUT-OFF WITH OR WITHOUT INDOOR HEATER.

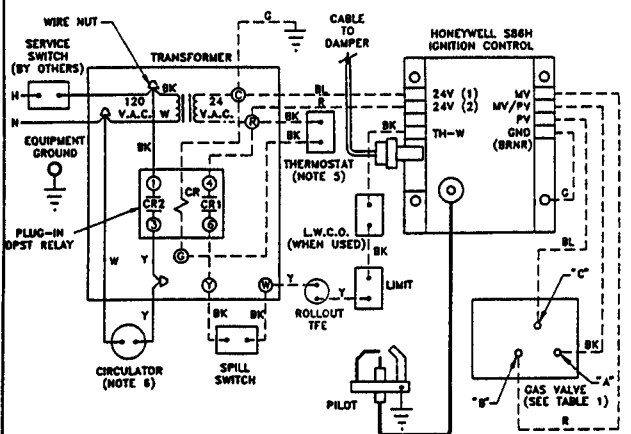
CANADA AND U.S.A.

WEIL-McLAIN

A Division of The Marley Company
Michigan City, Indiana 46360

PART NUMBER 550-224-492/11909W

SCHEMATIC WIRING DIAGRAM



WARNING

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

NOTES:

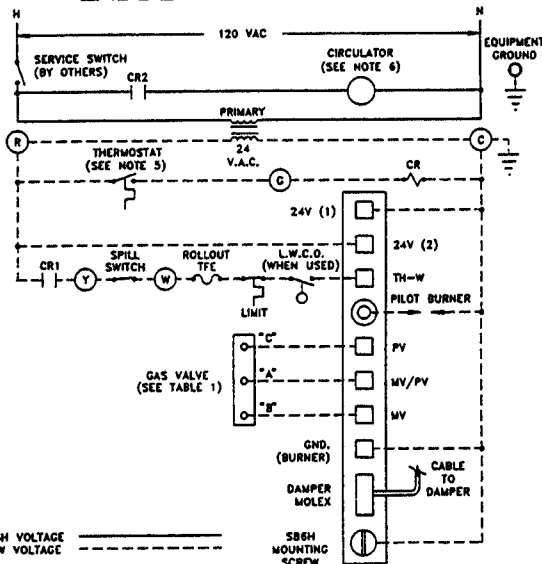
1. ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
 - a. U.S.A. - NATIONAL ELECTRICAL CODE AND ANY OTHER NATIONAL, STATE, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
 - b. CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1 AND ANY OTHER NATIONAL, PROVINCIAL, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
2. ALL SAFETY CIRCUIT WIRING MUST BE:
 - a. U.S.A. - N.E.C. CLASS 1.
 - b. CANADA - C.S.A. C22.1 C.E.C. PART 1.
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 90°C OR ITS EQUIVALENT MUST BE USED.

TABLE 1: GAS VALVE TERMINAL DESIGNATIONS

GAS VALVE	"A"	"B"	"C"
HONEYWELL VR8204, VR8304	PV/MV	MV	PV
HONEYWELL VR8440	TR	TH	TH-TR
WHITE-RODGERS 36C, 36E	2-4*	3	1

*FACTORY JUMPED

LADDER WIRING DIAGRAM



HIGH VOLTAGE
LOW VOLTAGE

4. REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH BOILER FOR APPLICATION INFORMATION.
5. FOR SINGLE ZONE SYSTEMS, THERMOSTAT ANTICIPATOR SETTING IS 0.40 AMPS. FOR MULTIPLE ZONE SYSTEMS USING ZONE VALVES OR CIRCULATORS, REFER TO COMPONENT MANUFACTURER'S INSTRUCTIONS FOR APPLICATION, WIRING AND THERMOSTAT ANTICIPATOR SETTING.
6. CIRCULATOR NOT USED WITH EG GRAVITY HOT WATER SYSTEMS.

NOTICE - ALL CONTACTS SHOWN WITHOUT WATER POWER APPLIED - OFF SHELF CONDITION.

Wiring Diagram for CGM, PFG-5A, EG
• Intermittent Ignition System, Honeywell 586H
• Forced Hot Water or Gravity Hot Water,
Without Tankless Heater

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