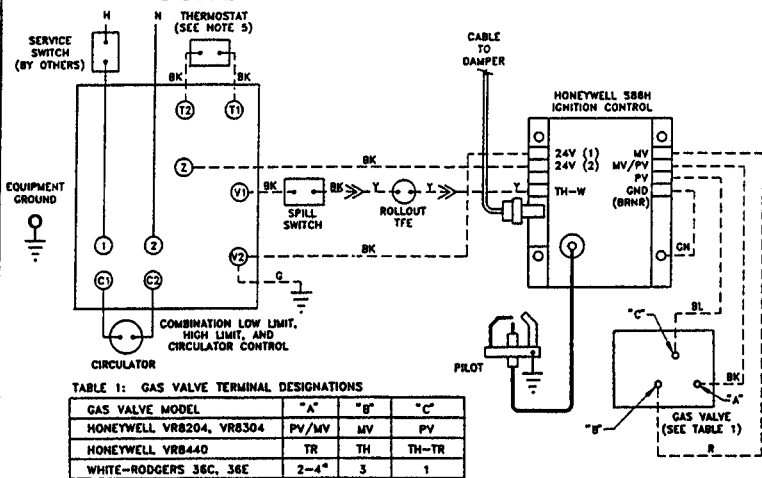


SCHEMATIC WIRING DIAGRAM



WARNING

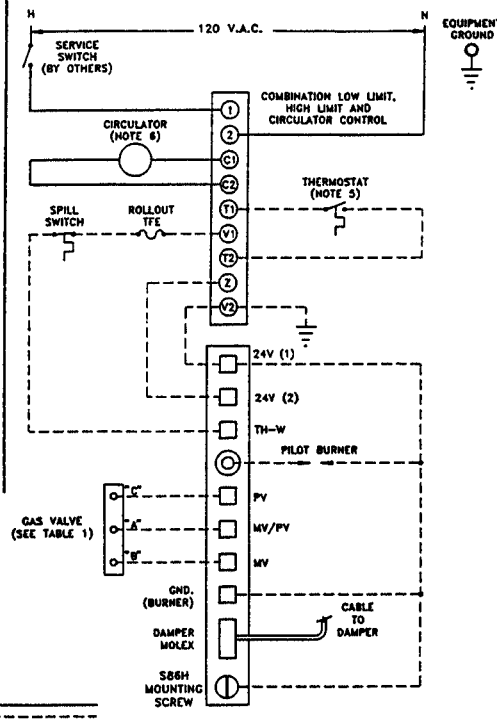
ELECTRICAL SHOCK HAZARD, CAN CAUSE SEVERE INJURY OR DEATH. DISCONNECT POWER BEFORE INSTALLING AND/OR SERVICING.

NOTES:

- ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
 - U.S.A. - NATIONAL ELECTRICAL CODE AND ANY OTHER NATIONAL, STATE, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
 - CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1 AND ANY OTHER NATIONAL, PROVINCIAL, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
- ALL SAFETY CIRCUIT WIRING MUST BE:
 - U.S.A. - N.E.C. CLASS 1.
 - 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 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.
- REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH BOILER FOR APPLICATION INFORMATION.
- FOR SINGLE ZONE SYSTEMS, THERMOSTAT ANTICIPATOR SETTING IS 0.25 AMPS. FOR MULTIPLE ZONE SYSTEMS USING ZONE VALVES OR CIRCULATORS, REFER TO COMPONENT MANUFACTURER'S INSTRUCTIONS FOR APPLICATION, WIRING AND THERMOSTAT ANTICIPATOR SETTING.

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

LADDER WIRING DIAGRAM



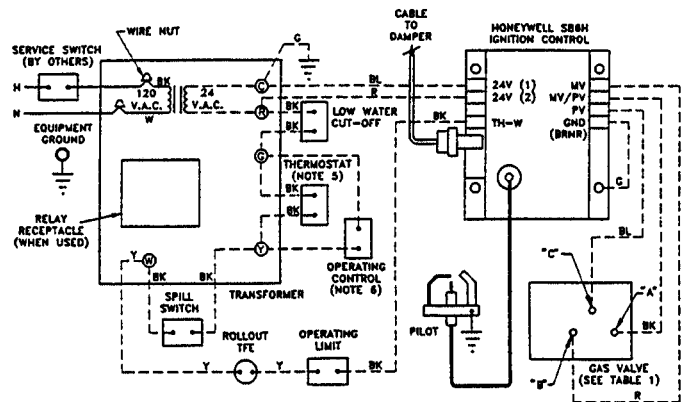
Wiring Diagram for EG
 • Intermittent Ignition System, Honeywell S86H
 • Forced Hot Water With Tankless Heater

WEIL-McLAIN

A Division of The Marley Company
 Michigan City, Indiana 46360

PART NUMBER 550-224-078/1290WM

SCHEMATIC WIRING DIAGRAM



WARNING

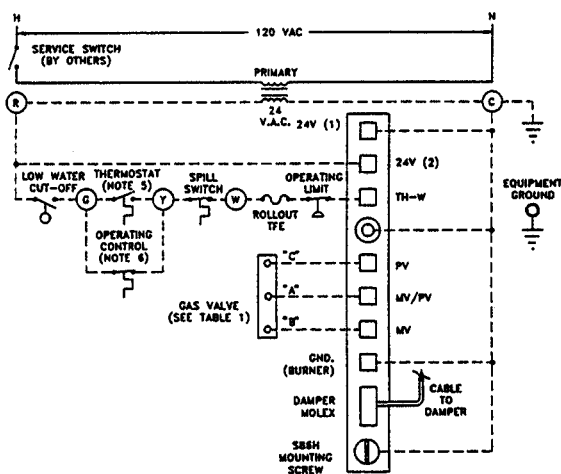
ELECTRICAL SHOCK HAZARD, CAN CAUSE SEVERE INJURY OR DEATH. DISCONNECT POWER BEFORE INSTALLING AND/OR SERVICING.

NOTES:

- ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
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- ALL SAFETY CIRCUIT WIRING MUST BE:
 - U.S.A. - N.E.C. CLASS 1.
 - 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 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.
- REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH BOILER FOR APPLICATION INFORMATION.
- SET THERMOSTAT ANTICIPATOR SETTING TO MATCH AMPERE DRAW OF GAS VALVE.
- OPERATING CONTROL REQUIRED WITH TANKLESS HEATER.

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

LADDER WIRING DIAGRAM



HIGH VOLTAGE
 LOW VOLTAGE

TABLE 1: GAS VALVE TERMINAL DESIGNATIONS

GAS VALVE MODEL	"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

Wiring Diagram for EG
 • Intermittent Ignition System, Honeywell S86H
 • Steam, With or Without Tankless
 • Float-Type Low Water Cut-Off

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