

SCHEMATIC WIRING DIAGRAM

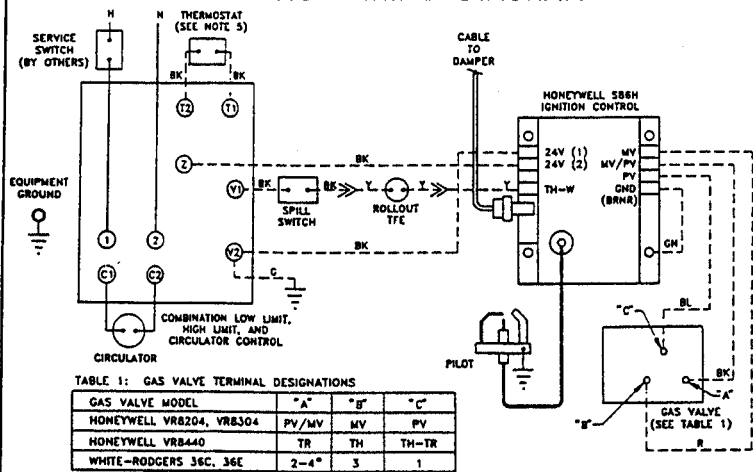


TABLE 1: GAS VALVE TERMINAL DESIGNATIONS

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

WARNING

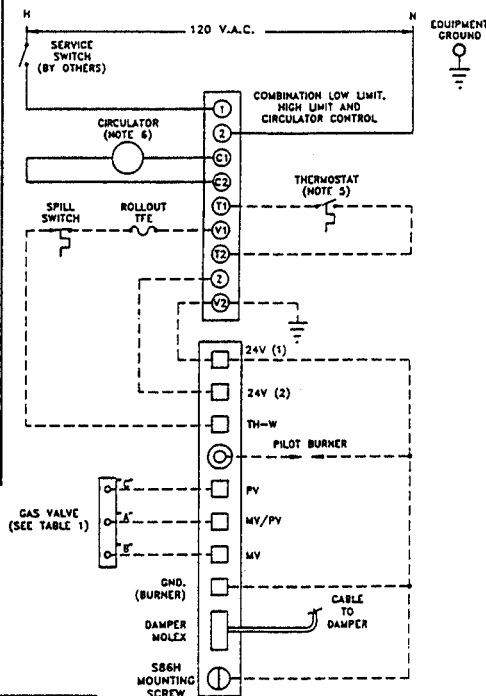
ELECTRICAL SHOCK HAZARD, CAN CAUSE SEVERE INJURY OR DEATH. DISCONNECT POWER BEFORE INSTALLING AND/OR SERVICING.

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

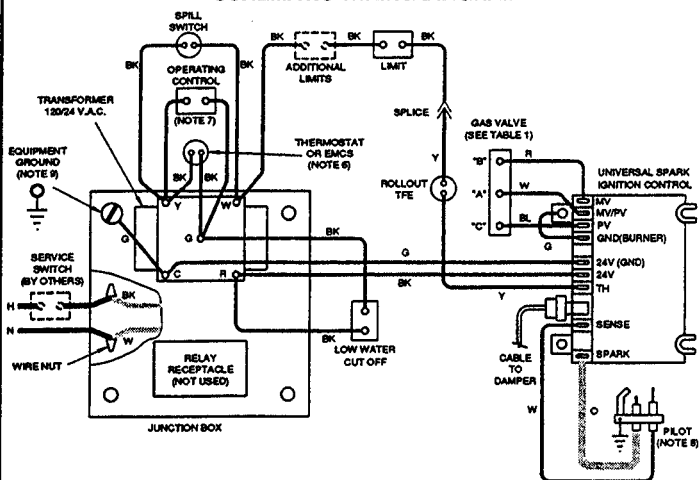
WEIL-McLAIN

A Division of The Marley Company
Michigan City, Indiana 46360

PART NUMBER 550-224-078/1290WM

STEAM BOILER WITH FLOAT-TYPE LOW WATER CUT OFF

SCHEMATIC WIRING DIAGRAM



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- 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.
- ALL CONTACTS SHOWN WITHOUT POWER APPLIED - OFF SHELF CONDITION.
- THERMOSTAT - SET ANTICIPATOR TO MATCH AMPERE DRAW OF GAS VALVE PLUS IGNITION CONTROL MODULE. BMCS - FOR BMCS CONNECTION IN PLACE OF THERMOSTAT, REFER TO BMCS INSTALLATION/OPERATING MANUAL.

LOW VOLTAGE FIELD
HIGH VOLTAGE FIELD
LOW VOLTAGE FACTORY
LOW VOLTAGE FACTORY
IGNITION CABLE

LADDER WIRING DIAGRAM

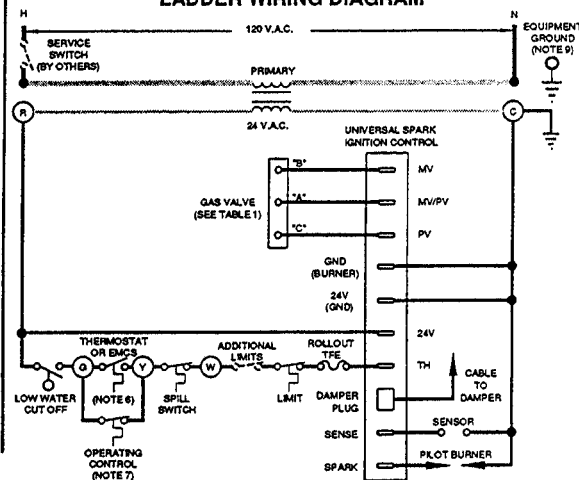


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WHITE-RODGERS 36E	2	1	3
WHITE-RODGERS 36C	2-4"	1	3
ROBERTSON-DAW 7200	C	M	P

*FACTORY JUMPED

- REQUIRED WITH TANKLESS HEATER.
- PILOT LEADWIRES ARE NOT FIELD REPLACABLE. REPLACE PILOT ASSEMBLY IF NECESSARY.
- ⊕ DENOTES FIELD INSTALLED CHASSIS GROUND.

EG
30 thru 75

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

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