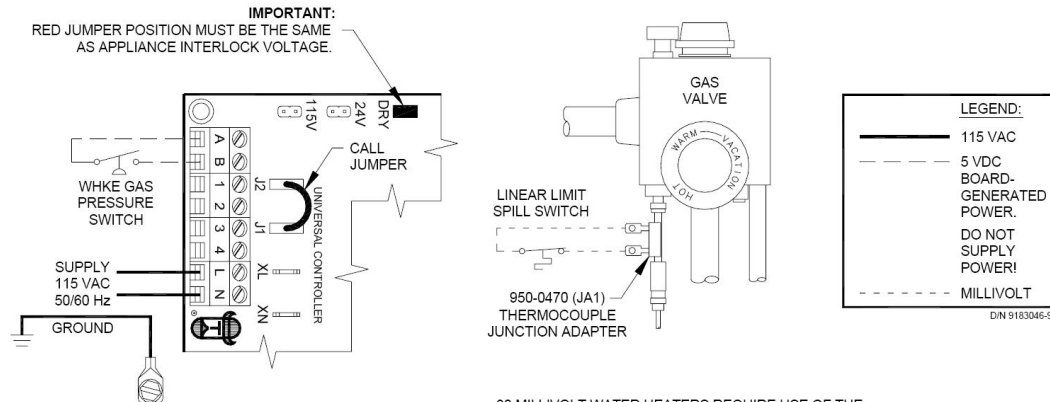


UC1 UNIVERSAL CONTROL AND WHKE INTERLOCK KIT CONNECTED WITH A MILLIVOLT APPLIANCE



IMPORTANT:
RED JUMPER POSITION MUST BE THE SAME AS APPLIANCE INTERLOCK VOLTAGE.

IMPORTANT:
CRIMP GROUND WIRE TO GROUNDING SPADE TERMINAL IN ELECTRICAL BOX.

SAFETY CIRCUIT ACROSS P1 & P2 OF UC1 IS NOT UTILIZED IN THIS APPLICATION. SPILL SWITCH MUST BE INTERLOCKED WITH HEATING EQUIPMENT AS SHOWN.

30 MILLIVOLT WATER HEATERS REQUIRE USE OF THE 950-0470 THERMOCOUPLE JUNCTION ADAPTER.

ON 750 MILLIVOLT (POWER PILE) WATER HEATERS WIRE LINEAR LIMIT SPILL SWITCH IN SERIES WITH HIGH LIMIT (ECO) OF WATER HEATER. LINEAR LIMIT SPILL SWITCH, 950-0470 JUNCTION ADAPTER AND GAS PRESSURE SWITCH ARE INCLUDED WITH WHKE KIT.

Each millivolt appliance interlocked with the UC1 must have its own WHKE kit installed. The WHKE Gas Pressure Switch actuates the Venter through the A - B Dry contacts. The Linear Limit switch disables the heater in the event of a venting malfunction.

IMPORTANT: Each millivolt appliance interlocked with the UC1 must have its own Linear Limit spill switch.

1. Wire WHKE Gas Pressure Switch in series with A and B terminal on UC1. Do not supply voltage to A and B terminals.
2. Wire WHKE Linear Limit in series with thermocouple junction adapter or high limit ECO of water heater.
3. Make sure RED voltage jumper on UC1 is in the DRY position.
4. Connect 115 VAC supply voltage to L & N terminals on UC1. Crimp Ground wire to grounding spade terminal in UC1.
Important: Installer must supply overload and disconnect protection.
5. If not previously completed, connect ground from UC1 whip to Venter ground. Connect Black and White leads from UC1 whip to Venter motor leads. Connect Blue and Yellow leads from UC1 whip to Fan Prover switch. Prover Leads are not polarity sensitive. If using a Draft Inducer and **only** venting millivolt appliances the PS1505 Fan Proving Switch is not necessary, see WHKE instructions for complete details.