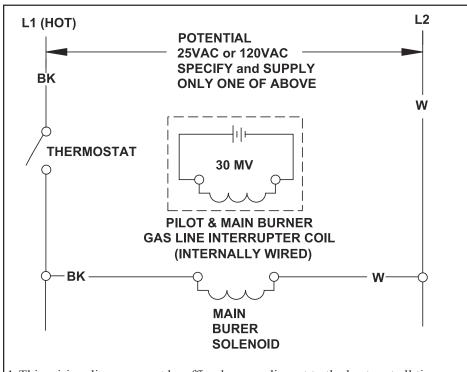
BRANT RADIANT HEATERS LTD.

Wiring Diagram for Suffix NT-2 or PT-2 25V and 120V

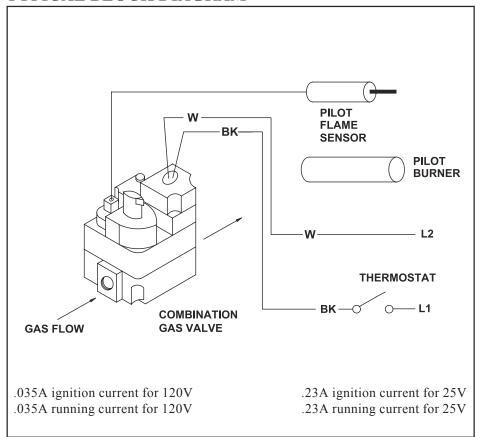
(Pilot Sensing Element - Thermocouple, Function - 100% Shutoff)

TYPICAL WIRING SCHEMATIC



- 1. This wiring diagram must be affixed on or adjacent to the heater at all times.
- 2. If any of the original wire as supplied with the appliance must be replaced, it must be replaced with 16 AWG-TEW 105°C, 600V wire or its equivilant.
- 3. Applies to natural or propane gas.

TYPICAL BLOCK DIAGRAM



BRANT RADIANT HEATERS LTD.

Wiring Diagram for Suffix NT-2 or PT-2 25V and 120V

(Pilot Sensing Element - Thermocouple, Function - 100% Shutoff)

Normal Sequence of Operation

After manually lighting the heater's pilot burner gas and the subsequent closing of the electrical supply circuit to this control system, the following occurs:

- 1. Upon adequate heating of the pilot sensing element, the pilot and main burner gas line interrupter is energized and remains open.
- 2. The heater's main burner solenoid valve is energized and opens, resulting in the operation of the heater.

NOTE: In the event of pilot flame outage, the gas flow to both the pilot and the main burner(s) is interrupted.