



⚠ WARNING

- Before removing any access panels or servicing the water heater, make sure the electrical supply to the water heater is turned "OFF."
- Failure to do this could result in death, serious bodily injury, or property damage.

WIRING DIAGRAMS RESIDENTIAL ELECTRIC WATER HEATERS

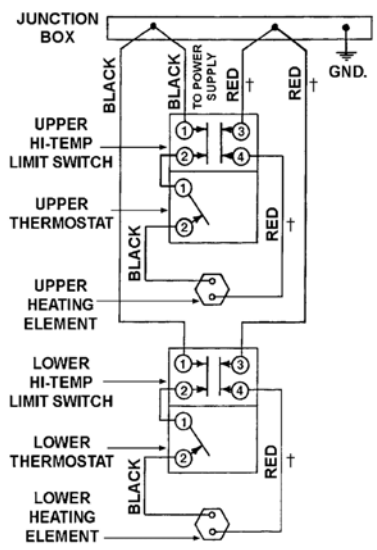
CURRENT PRODUCTION

FOR ACTUAL WIRING CIRCUIT OF UNIT - REFERENCE CIRCUIT TYPE LISTED ON RATING PLATE.

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120/208/240/277/415/480 VOLT
SIMULTANEOUS OPERATION
3 PHASE UNBALANCED
SIMULTANEOUS

BOTH CIRCUITS PROTECTED BY HI-LIMIT SWITCH. FOR 3 PHASE SYSTEMS, SEPARATE BLACK WIRES AND PROVIDE 3 PHASE POWER SOURCE. NOTE: 120V AND 277V WIRED FOR SINGLE PHASE ONLY.



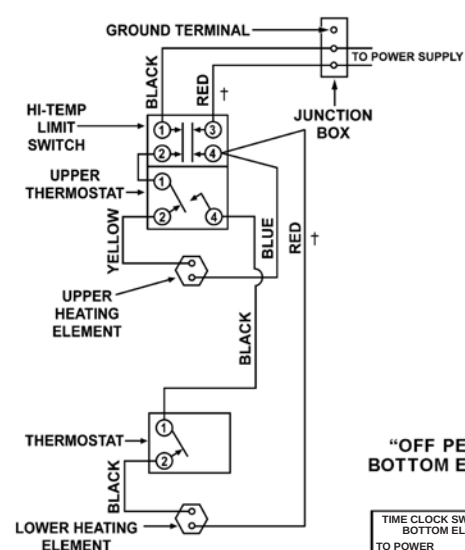
*NOTE: SOME LOWER HI-TEMP. LIMIT SWITCHES MAY HAVE 4 TERMINALS. USE ONLY THE 2 TERMINALS ON LEFT.

† 120V AND 277V WILL HAVE WHITE WIRE IN PLACE OF RED.

MAXIMUM ALLOWABLE SIMULTANEOUS OPERATION
5000/5000 WATTS AT 208 VOLTS 5500/5500 WATTS AT 240 VOLTS. ANY WATTAGE USAGE HIGHER THAN LISTED ABOVE EXCEEDS ALLOWABLE AMP DRAW AND WILL CAUSE DAMAGE TO THE WATER HEATER OR COULD RESULT IN FIRE.

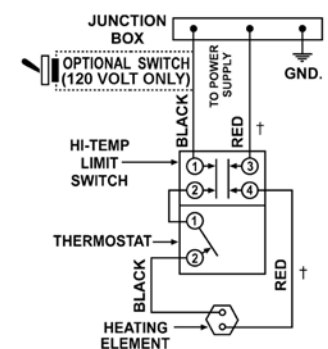
A-6

TWO WIRE CIRCUIT FOR NON-SIMULTANEOUS OPERATION, HAS SINGLE HIGH LIMIT CONTROL



C-2

STANDARD SINGLE ELEMENT



A-9

"OFF PEAK" NON-SIMULTANEOUS OPERATION
BOTTOM ELEMENT ON SEPARATE TIME CLOCK OR
"OFF PEAK" METER

