Thermostat Wiring Guide
There are no standards for HVAC control wiring. These diagrams depict some commonly used and frequently installed configurations but may not match your HVAC system. Consult a professional installer for advanced installations, or contact us at 1.844.295.5556 for help.

**Diagram of Control Wire Connections for 2-Wire Heat-Only Control Wires Plus C Wire**

- **R** wire – heat power
- **W** wire – heat

**Diagram of Control Wire Connections for 3-Wire Heat-Only Control Wires Plus C Wire**

- **R** wire – heat power
- **W** wire – heat
- **G** wire – fan
Diagram of control wire connections for 4-wire heat/cool-control wires plus C wire

- W wire – heat
- Y wire – cooling compressor
- R (or) RH wire – power
- G wire – fan

Diagram of control wire connections for 5-wire heat/cool-control wires plus C wire

- W wire – heat
- Y wire – cooling compressor
- Remove jumper below W connector
- RH wire – power
- RC wire – power
- G wire – fan

Diagram of control wire connections for 6-wire multi-stage heat and multi-stage cool control wires plus C wire

- W wire – heat
- W2 wire – heat
- Y wire – cooling compressor
- Y2 wire – cooling compressor
- RH (or) R wire – power
- G wire – fan
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Diagram of control wire connections for 4-wire heat pump without auxiliary heat control wires plus C wire (alternate)

- O wire (or) B wire – changeover valve
- NOTE: If both O and B are present connect ONLY the O wire.
- Y wire – compressor
- R wire – power
- G wire – fan

Diagram of control wire connections for 7-wire multi-stage heat pump with multi-stage auxiliary heat control wires plus C wire

- O wire (or) B wire – changeover valve
- NOTE: If both O and B are present connect ONLY the O wire.
- Aux1 wire – auxiliary heat
- Aux2 wire – auxiliary heat
- Y wire – compressor
- Y2 wire – compressor
- R wire – power
- G wire – fan