

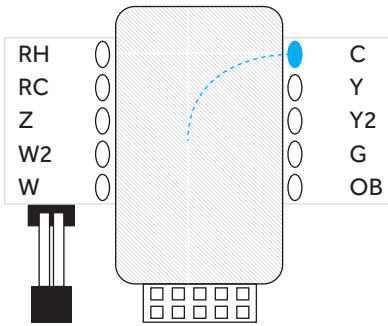
Thermostat Wiring Guide



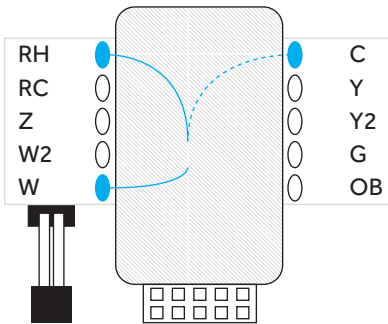
Wiring Guide

Thermostat

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.

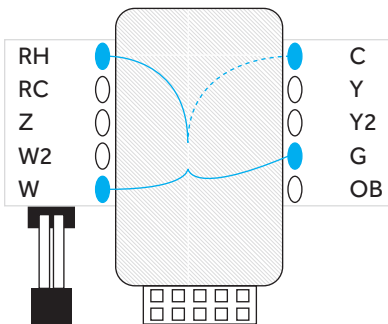


DEFAULT CONNECTIONS SHOWING C WIRE CONNECTION



R wire – heat power
W wire – heat

DIAGRAM OF CONTROL WIRE CONNECTIONS FOR 2-WIRE HEAT-ONLY CONTROL WIRES PLUS C WIRE



R wire – heat power
W wire – heat
G wire – fan

DIAGRAM OF CONTROL WIRE CONNECTIONS FOR 3-WIRE HEAT-ONLY CONTROL WIRES PLUS C WIRE

Thermostat

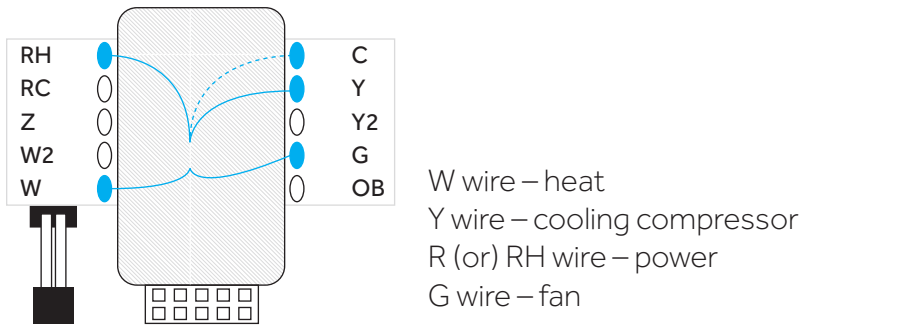


DIAGRAM OF CONTROL WIRE CONNECTIONS FOR 4-WIRE HEAT/COOL-CONTROL WIRES PLUS C WIRE

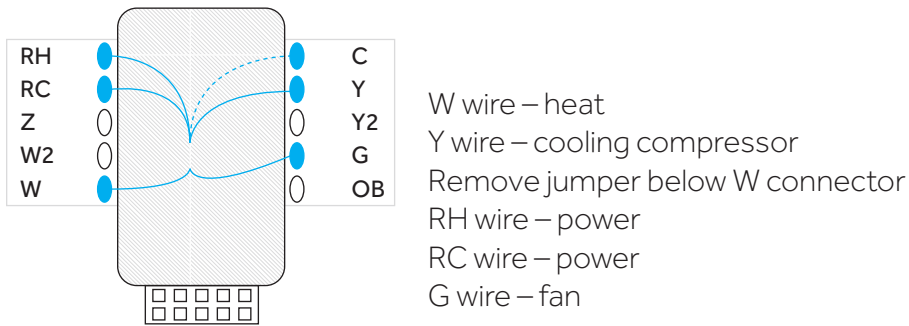


DIAGRAM OF CONTROL WIRE CONNECTIONS FOR 5-WIRE HEAT/COOL-CONTROL WIRES PLUS C WIRE

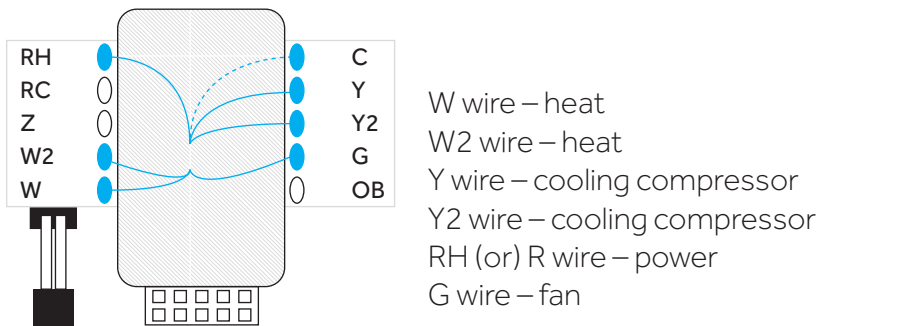
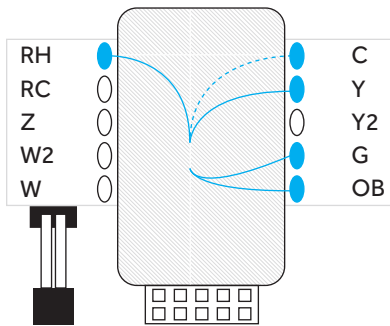


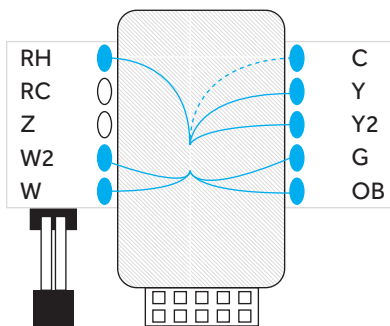
DIAGRAM OF CONTROL WIRE CONNECTIONS FOR 6-WIRE MULTI-STAGE HEAT AND MULTI-STAGE COOL CONTROL WIRES PLUS C WIRE

Thermostat



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 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.
 Aux1 wire – auxiliary heat
 Aux2 wire – auxiliary heat
 Y wire – compressor
 Y2 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