Standard AC with Standard Furnace Control Wiring

<table>
<thead>
<tr>
<th>W</th>
<th>1st Stage Heat (White)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>24 Volt+</td>
</tr>
<tr>
<td>G</td>
<td>Fan Only Operation</td>
</tr>
<tr>
<td>C</td>
<td>Common</td>
</tr>
<tr>
<td>Y</td>
<td>Air Conditioning</td>
</tr>
</tbody>
</table>

This diagram is to be used as reference for the low voltage control wiring of your heating and AC system. Always refer to your thermostat or equipment installation guides to verify proper wiring.

- Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.
Standard AC with Two Stage Furnace Control Wiring

- **R** 24 Volt+
- **G** Fan Only Operation
- **C** Common
- **Y** Air Conditioning
- **W** 1st Stage Heat (White)
- **W2** 2nd Stage Heat (Brown)
- **Y2** 2nd Stage AC

This diagram is to be used as reference for the low voltage control wiring of your heating and AC system. Always refer to your thermostat or equipment installation guides to verify proper wiring.

- *Place a jumper connecting Y1 and O.*
- **Refer to the blower chart for CFM requirements. Jump if needed to achieve correct CFM.*
- *Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.*
This diagram is to be used as reference for the low voltage control wiring of your heating and AC system. Always refer to your thermostat or equipment installation guides to verify proper wiring.

- Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.
Standard AC with Standard Air Handler and Single Stage Backup Heat Control Wiring

- 24 Volt+
- Fan Only Operation
- Common
- Air Conditioning
- 1st Stage Heat (White)
- 2nd Stage Heat (Brown)

This diagram is to be used as reference for the low voltage control wiring of your heating and AC system. Always refer to your thermostat or equipment installation guides to verify proper wiring.

- Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.
Standard AC with Standard Air Handler and Two Stage Backup Heat Control Wiring

24 Volt+
Fan Only Operation
Common
Air Conditioning
1st Stage Heat (White)
2nd Stage Heat

Standard Single Stage Heat Thermostat

Standard Air Handler

Standard A/C Condenser

Wire Size: 18 Gauge

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Standard AC with Variable Speed Air Handler Control Wiring (No Heat)

This diagram is to be used as reference for the low voltage control wiring of your heating and AC system. Always refer to your thermostat or equipment installation guides to verify proper wiring.

NOTES

* Place a jumper connecting Y1 and O.
* **Refer to the blower chart for CFM requirements. Jump if needed to achieve correct CFM.
* Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.
Standard AC with Variable Speed Air Handler and Two Stage Heat Control Wiring

**NOTES**
- Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.
- Refer to the blower chart for CFM requirements. Jump if needed to achieve correct CFM.
- Place a jumper connecting Y, and O.

Wire Size: 18 Gauge
Standard AC with Variable Speed Air Handler and Single Stage Heat Control Wiring

- **R** 24 Volt+
- **G** Fan Only Operation
- **C** Common
- **W1** 1st Stage Heat (White)
- **O** AC Reversing Valve
- **Y1** 1st Stage AC
- **Y2** 2nd Stage AC
- **W2** 2nd Stage Heat

Wire Size: 18 Gauge

This diagram is to be used as reference for the low voltage control wiring of your heating and AC system. Always refer to your thermostat or equipment installation guides to verify proper wiring.

- *Place a jumper connecting Y1 and O.
- **Refer to the blower chart for CFM requirements. Jump if needed to achieve correct CFM.
- Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.