AC Heat Pump with Single Stage Gas Furnace and All Fuel Kit Control Wiring

- **R**: 24 Volt+
- **G**: Fan Only Operation
- **Y**: Air Conditioning
- **C**: Common
- **W**: 1st Stage Backup Heat
- **O**: AC Reversing Valve

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.
AC Heat Pump with Single Stage Gas Furnace and Honeywell VisionPro 8000 as All Fuel Kit Control Wiring

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
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<tbody>
<tr>
<td>R</td>
<td>24 Volt+</td>
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<tr>
<td>G</td>
<td>Fan Only Operation</td>
</tr>
<tr>
<td>Y</td>
<td>Air Conditioning</td>
</tr>
<tr>
<td>S1</td>
<td>Outdoor Temp Sensor</td>
</tr>
<tr>
<td>S2</td>
<td>Outdoor Temp Sensor</td>
</tr>
<tr>
<td>O</td>
<td>AC Reversing Valve</td>
</tr>
<tr>
<td>C</td>
<td>Common</td>
</tr>
<tr>
<td>L</td>
<td>1st Stage Gas Heat</td>
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</table>

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- Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.
- *Vision Pro 8000 works with wired or wireless outdoor temp sensor.
AC Heat Pump with Standard Air Handler and No Electric Backup Heat

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<tr>
<td>Y</td>
<td>Air Conditioning-Heat Pump</td>
</tr>
<tr>
<td>O</td>
<td>Reversing Valve</td>
</tr>
<tr>
<td>W</td>
<td>1st Stage Heat (white)</td>
</tr>
<tr>
<td>W2</td>
<td>2nd Stage Heat (brown)</td>
</tr>
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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.

Wire Size: 18 Gage

NOTE: Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.
AC Heat Pump with Standard Air Handler and Single Stage Electric Backup Heat

- **R**: 24 Volt+
- **G**: Fan Only Operation
- **C**: Common
- **Y**: Air Conditioning-Heat Pump
- **O**: Reversing Valve
- **W2**: Electric Backup Heat

**Diagram Notes:**
- 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.
AC Heat Pump with Standard Air Handler and Two Stage Electric Backup Heat

Diagram:

- **R** 24 Volt+
- **G** Fan Only Operation
- **C** Common
- **Y** Air Conditioning-Heat Pump
- **O** Reversing Valve
- **W2** 1st Stage Heat Gas
- **AUX/E** Electric Backup Heat

Tied together:

- **Thermostat**
- **Heat Pump Condenser**

**Standard Heat Pump Thermostat**

**Standard Air Handler**

**Heat Pump Condenser**

**Low Voltage Connection**

Wire Size: 18 Gage

**NOTE**

- 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.
AC Heat Pump with Variable Speed Air Handler Without Electric Backup Heat Control Wiring

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.
AC Heat Pump with Variable Speed Air Handler and Single Stage Electric Backup Heat Control Wiring

- **R** 24 Volt+
- **G** Fan Only Operation
- **C** Common
- **Y** Air Conditioning-Heat Pump
- **O** Reversing Valve
- **W2** 1st Stage Heat Gas
- **(AUX/E)** Electric Backup 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.

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

24 Volt+  
Fan Only Operation  
Common  
Air Conditioning-Heat Pump  
Reversing Valve  
1st Stage Heat Gas  
Electric Backup 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.

NOTE

- Some AC Systems will have a blue wire with a pink stripe in place of the yellow or Y wire.