



TSS Associates, Inc.

Honeywell

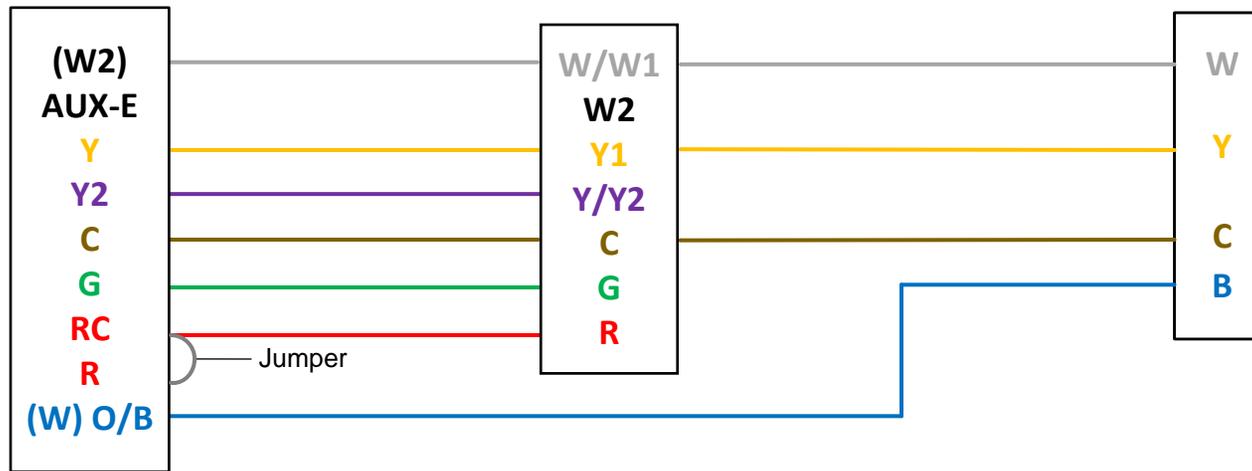
For further assistance, please contact
Honeywell directly for Tech Support

1-800-633-3991

TH8321WF1001

BGH96
FURNACE

BOVB18
BOVA20



NOTES:

Set dipswitch **S1-1** and **S1-2** to set Second-Stage for furnace

TSS Associates, Inc.

DESCRIPTION

IDS Plus/Premium - Furnace - Honeywell VisionPRO 8000

DATE: 9/30/2022

PAGE: 1 of 3

PARAMETERS:

- | | |
|---|--|
| 101 - Application | - Residential |
| 103 - Thermostat Name | - Name thermostat |
| 104 - Thermostat Type | - Set to Non-programmable |
| 105 - Temperature Scale | - Fahrenheit |
| 106 - Outdoor Temp | - Set to Wired/Internet |
| 200 - System type | - Set to Heat Pump |
| 201 - Heat Pump Type | - Set to Air-to-Air Heat Pump |
| 206 - Reversing Valve [O/B terminal] | - Set to B (O/B on Heat) |
| 207 - Compressor Stages | - Set to 2 |
| 211 - Fan Control in Heat | - Equip Controls Fan |
| 212 - Backup Heat Type | - Set to Gas/Oil |
| 213 - Backup Heat Stages | - Set to 1 |
| 219 - External Fossil Fuel Kit | - No |
| 300 - System Changeover | - Set to Manual |
| 301 - Control Options | - Set to Basic |
| 308 - Backup Heat Droop | - Set to 4°F |
| 311 - Upstage Timer for Backup Heat | - Set between 30 – 60 minutes |
| 312 - Outdoor Lockout Heat Pump
(Balance Point) | - Set to 15°F , or whatever temperature is desired |
| 312 - Outdoor Lockout Backup Heat | - Set to 50°F , or off or whatever other temperature is desired |
| 314 - Compressor Cycles per Hour
Stage 1 | - Set to 1 |
| 314 - Compressor Cycles Per Hour
Stage 2 | - Set to 1 |
| 316 - Backup Heat Stages Per Hour | - 5 (can set to 1 if desired) |
| 324 - Compressor Off Time | - Set to Off |

All other setpoints should be left to Factory Settings unless any optional equipment has been added to system or based upon customer preference

NOTES:

Set dipswitch **S1-1** and **S1-2** to set Second-Stage for furnace

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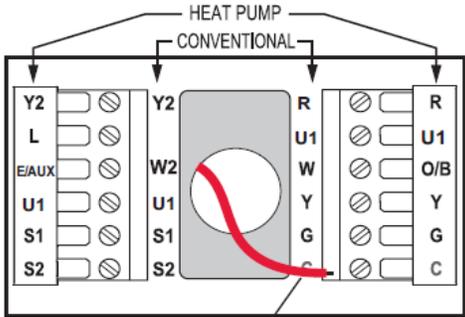
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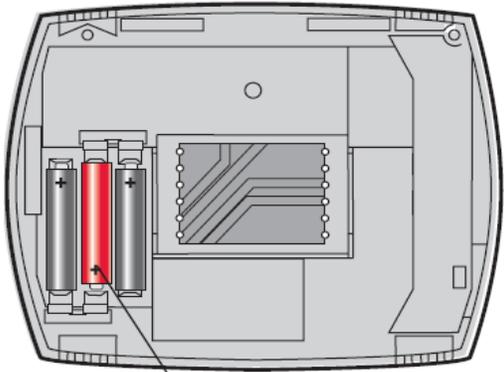
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PAGE: 2 of 3

Power options



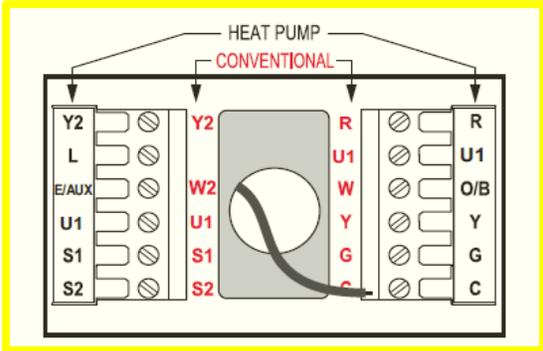
For 24VAC primary power, connect common side of transformer to "C" terminal.



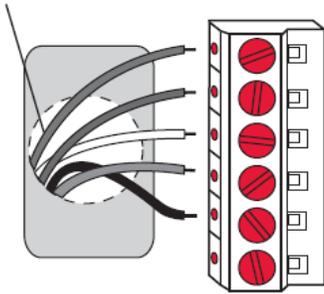
Insert supplied batteries for primary or backup power.

MCR29723

Wiring



Push excess wire back into the wall opening. Plug wall opening with non-flammable insulation.



MCR29724

Terminal Designations

- Conventional Terminal Letters:**
- R** System power. Connect to secondary side of system transformer.
 - C** Common wire from secondary side of transformer.
 - W** 1st stage heat relay.
 - W2** 2nd stage heat relay.
 - Y** 1st stage compressor contactor.
 - Y2** 2nd stage compressor contactor.
 - G** Fan relay.
 - S1/S2** Optional outdoor/remote/discharge sensor.
 - U1/U1** Optional IAQ device

- Heat Pump Terminal Letters:**
- R** System power. Connect to secondary side of system transformer.
 - C** Common wire from secondary side of system transformer.
 - Y** 1st stage compressor contactor.
 - Y2** 2nd stage compressor contactor.
 - E/Aux** Auxiliary/Emergency heat relay.
 - G** Fan relay.
 - L** Heat pump reset (powered continuously when System is set to Em Heat; system monitor when set to Heat, Cool or Off).
 - O/B** Changeover valve for heat pumps.
 - S1/S2** Optional outdoor/remote/discharge sensor.
 - U1/U1** Optional IAQ device

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