



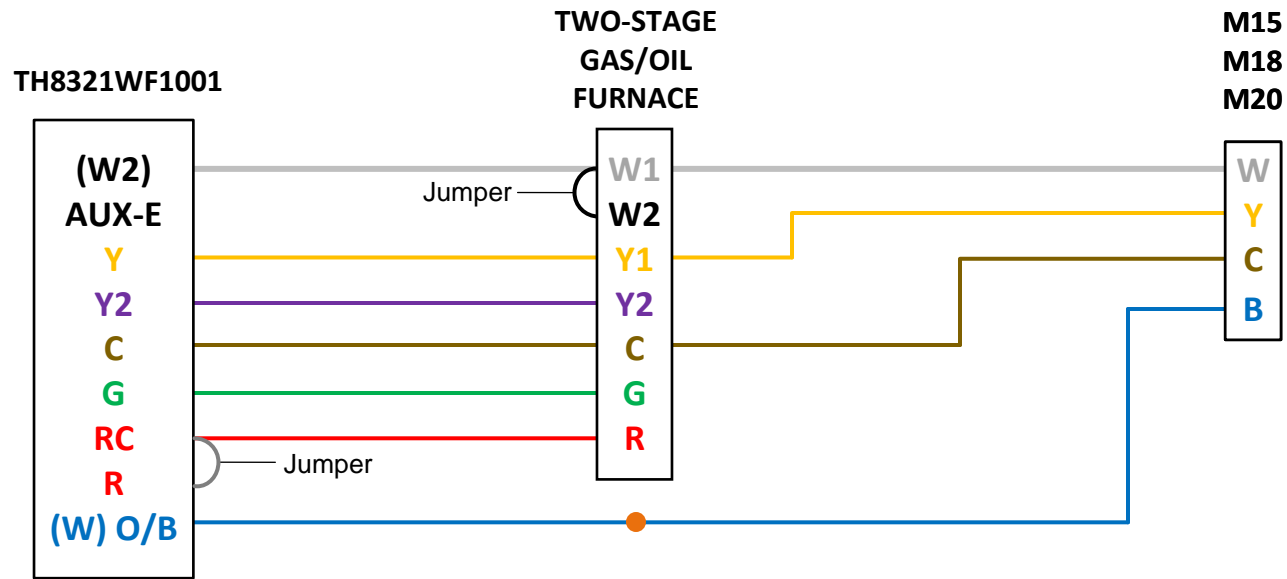
TSS Associates, Inc.

Honeywell

For further assistance, please contact
Honeywell directly for Tech Support

1-800-633-3991

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----- = OPTIONAL WIRING

NOTES:

For applications using a two-stage gas or oil furnace.

For single-stage applications, jumper **Y1 – Y2**.

TSS Associates, Inc.

DESCRIPTION
HONEYWELL VISIONPRO 8000 – BOSCH **IDS** – FURNACE

DATE: 1/8/2024

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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 (unless wiring as single-stage, then set to 1) |
| 211 - Fan Control in Heat | - Thermostat 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 3°F |
| 311 - Upstage Timer for Backup Heat | - Set to 60 minutes |
| 312 - Outdoor Lockout Heat Pump (Balance Point) | - Set to Whatever temperature is desired based upon homeowner comfort and energy costs |
| 312 - Outdoor Lockout Backup Heat | - Set to Whatever other temperature is desired upon energy costs |
| 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 | - Set to 1 |
| 324 - Compressor Off Time | - Set to Off |

Bosch BGH96: W2 Delay	
S1-1	S1-2
ON	OFF
<i>Sets to 10 minutes</i>	
S1-1	S1-2
ON	ON
<i>Sets to 20 minutes</i>	

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

NOTES:

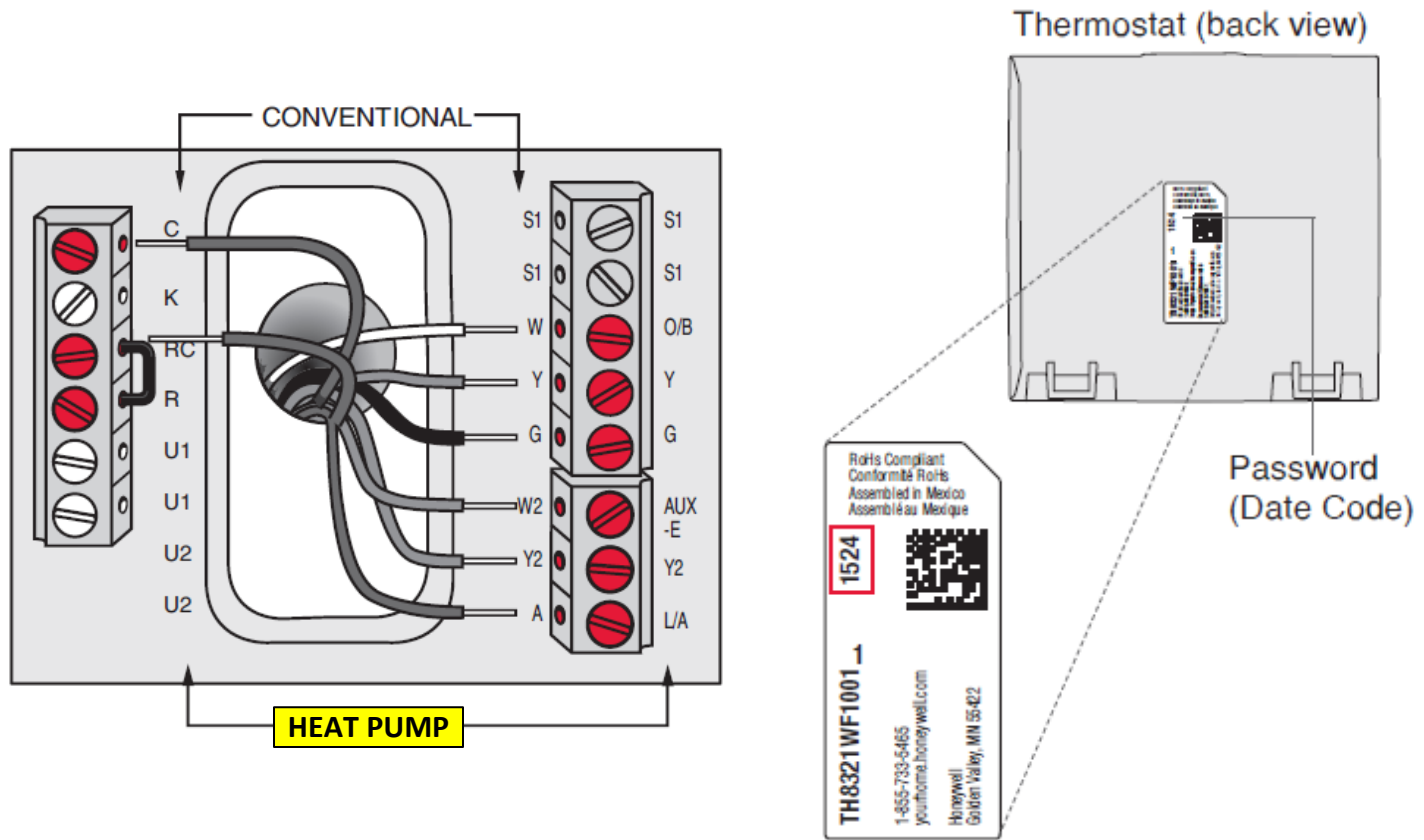
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DESCRIPTION

HONEYWELL VISIONPRO 8000 – BOSCH IDS – FURNACE

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Terminal Designations

Conventional System		Heat Pump	
Terminal	Description	Terminal	Description
C	Common wire from secondary side of cooling transformer (if 2 transformers).	C	Common wire from secondary side of cooling transformer.
Rc*	Cooling power.	Rc	Cooling power.
R*	Heating power.	R	Heating power.
W	Heat Stage 1	O/B	Changeover valve for heat pumps.
W2	Heat Stage 2	AUX-E	Backup Heat/Emergency Heat
Y	Compressor Stage 1	Y	Compressor Stage 1
Y2	Compressor Stage 2	Y2	Compressor Stage 2
G	Fan Relay	G	Fan Relay
A	Connect to Economizer Module or Lighting Panel (TOD).	L/A	Connect to Compressor Monitor, Zone Panel, Economizer Module or Lighting Panel (TOD).
U1 / U1	Universal relay for humidification, dehumidification, ventilation, or a stage of heating/cooling.	U1 / U1	Universal relay for humidification, dehumidification, ventilation, or a stage of heating/cooling.
S1 / S1	Universal input for a wired indoor, outdoor or discharge sensor.	S1 / S1	Universal input for a wired indoor, outdoor or discharge sensor.
K**	Connect to K on Wire Saver module.	K**	Connect to K on Wire Saver module.

* Remove factory installed jumper for two transformer systems.

** The THP9045A1023 Wire Saver module is used on heat/cool systems when you only have four wires at the thermostat and you need a fifth wire for a common wire. Use the **K terminal** in place of the Y and G terminals on conventional or heat pump systems to provide control of the fan and the compressor through a single wire—the unused wire then becomes your common wire. See THP9045 instructions for more information.

NOTES:

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DESCRIPTION

HONEYWELL VISIONPRO 8000 – BOSCH IDS – FURNACE

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