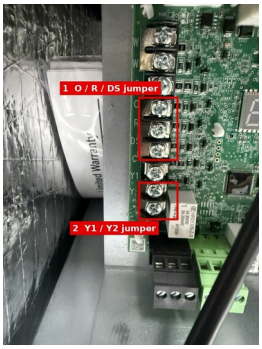
IMPORTANT INSTALLATION NOTICE

GE Air Handlers — Factory Jumper Settings: Heat Pump vs. AC

To all installing contractors and customers: General Electric (GE) air handler control boards ship with factory-installed jumpers on the low-voltage terminal strip. Whether a jumper stays in or comes out depends on the air handler type and the outdoor unit it is paired with. Please review before wiring.

Air handler type	Paired with a HEAT PUMP	Paired with an AC outdoor unit
ECM air handler	**REMOVE** the factory-installed DS / R / O jumper.	**LEAVE** the DS / R / O jumper installed.
Variable Speed air handler	**REMOVE** the jumper between O and R.	**LEAVE** the jumper between O and R.



Low-voltage terminal strip. Box 1: O / R / DS terminals. Box 2: Y1 / Y2 terminals.

DS terminal on Variable Speed air handlers — Dehumidification Air Volume

On a Variable Speed air handler, the DS terminal controls Dehumidification Air Volume. You have three options:

- **Wire DS to the thermostat** — the thermostat controls when dehumidification airflow is active.
- **Leave the DS jumper in place** — dehumidification settings are always active.
- **Remove the DS jumper completely** — dehumidification is deactivated.

Y1 / Y2 jumper — remove for full compressor and blower ramping profiles

Remove the factory Y1 / Y2 jumper and wire Y1 and Y2 as a two-stage system to get the full ramping profile of the outdoor unit and the indoor blower. With the jumper removed and the thermostat controlling the staging, Y1 (low stage) will not exceed 70% of the system's total capacity. This improves efficiency and dehumidification in the home. Once the thermostat energizes Y2 (high stage), the system ramps up to 100% capacity.

With the jumper left installed, the system will still modulate, but it will not ramp down as slowly as it does when wired as two-stage. The indoor blower motor will also ramp to 100% of the preset CFM (set by the DIP switches during installation) more quickly than if it were limited by the Y1 (low stage) call for cooling.

Already installed? If a heat pump system is short cycling, not ramping down, or showing incorrect heating/cooling changeover, check these jumpers first — this is the most common cause.

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