



538577-01 10/2024

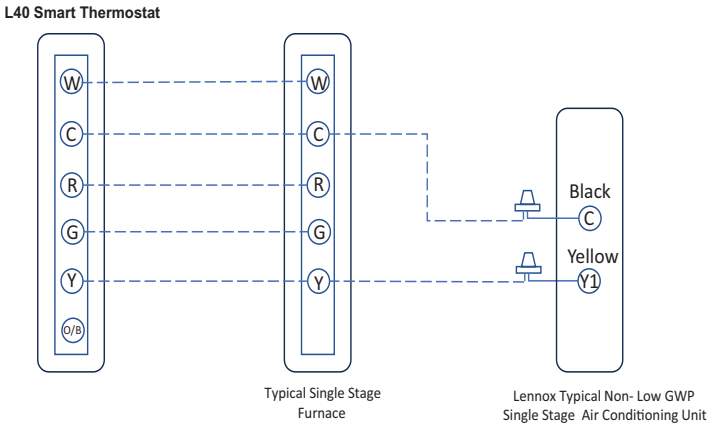
Lennox L40 Smart
Thermostat
System Diagrams

NOTES

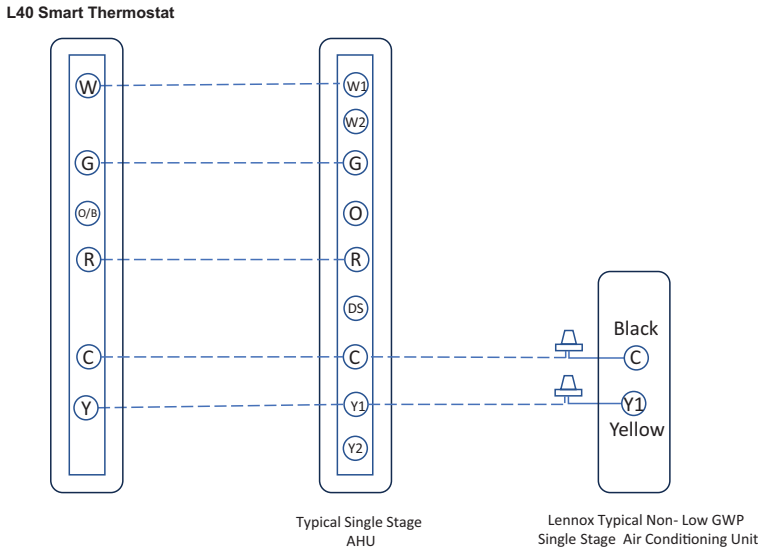
1. See Air Handler Unit Installation Instructions for the Lennox L40 Thermostat wiring.
2. Optional normally closed (NC) Condensate Float Switch
3. Thermostat / Outdoor Unit Terminal Block (**BLACK**)
4. Indoor Unit Terminal Block (**BLUE**)
5. When wired with heat pump applications, a Defrost Tempering Kit (67M41) must be installed.
6. ACC2 terminal is set at the factory for dehumidifier.
7. Cut on-board clippable link from R to O for heat pump applications only.
8. Install field-provided jumper between Y2 OUT BL on heat pump to Y2 on indoor unit.
9. Defrost Temper Kit (67M41).
10. Condensate Overflow Switch



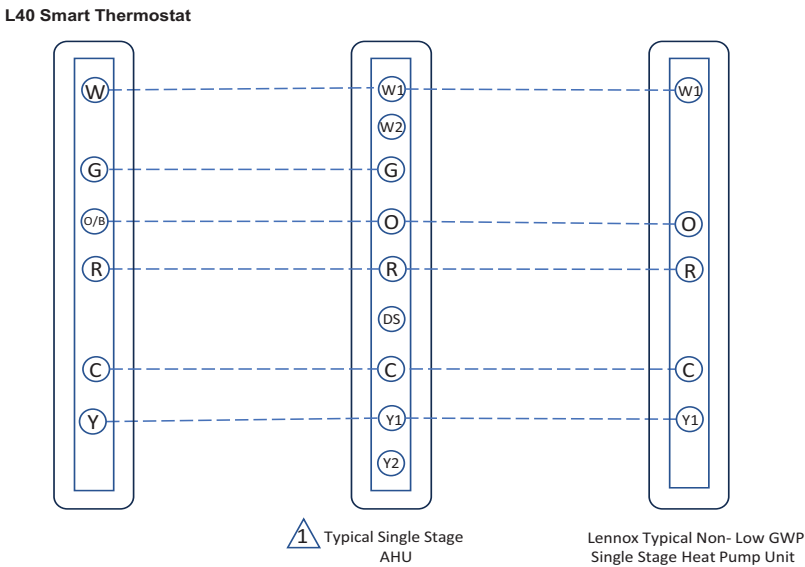
Single Stage Furnace and Single Stage Air Conditioner



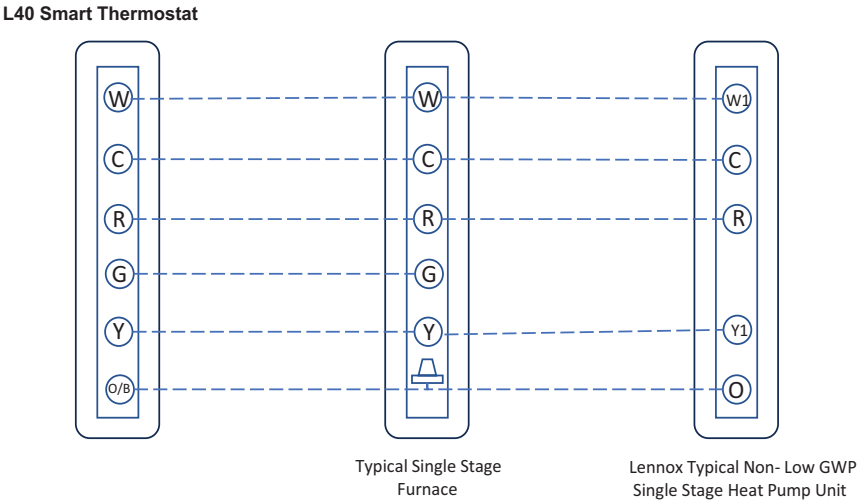
Single Stage Air Handler and Single Stage Air Conditioner



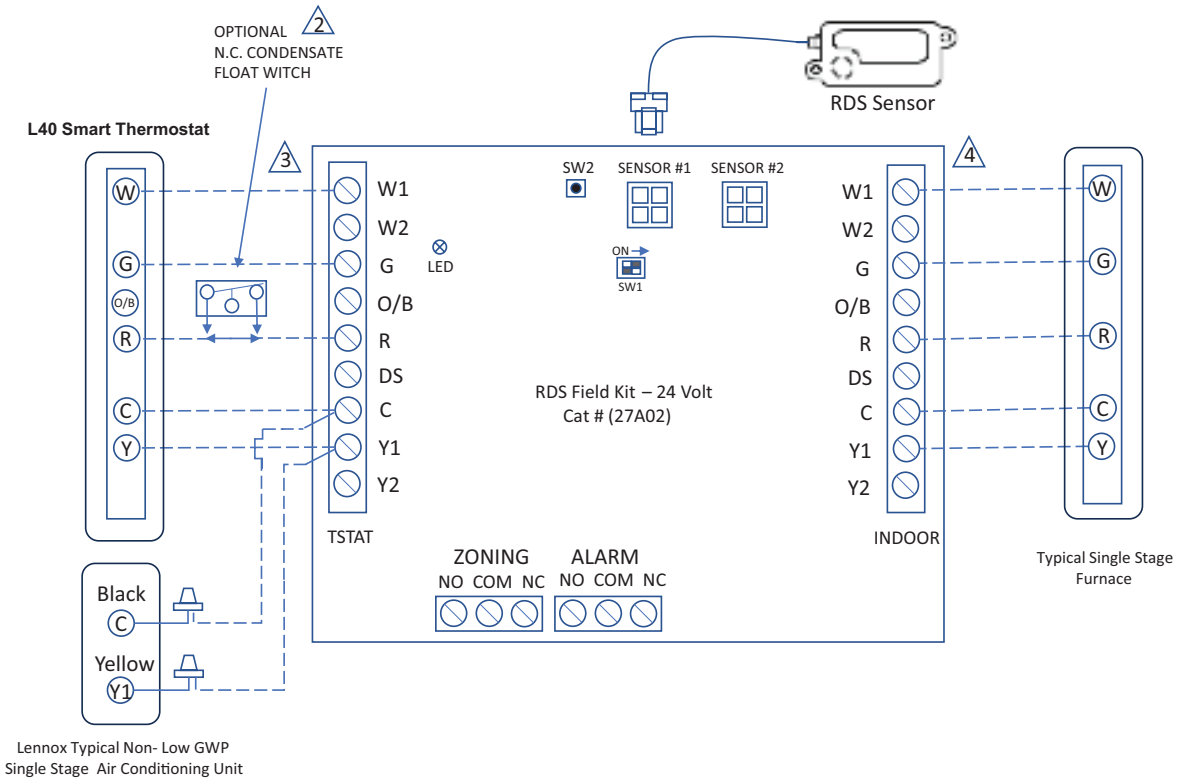
Single Stage Air Handler and Single Stage Heat Pump



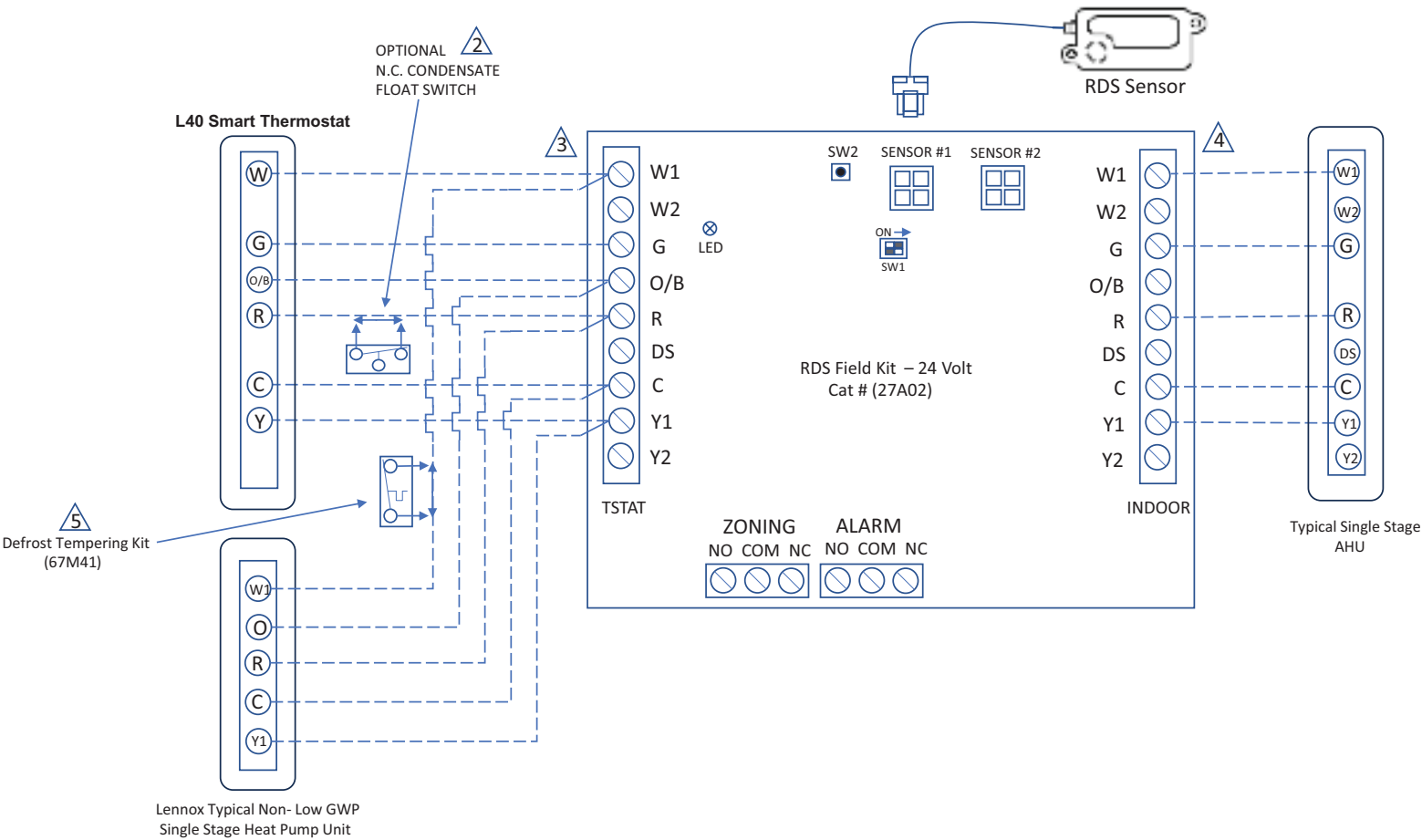
Single Stage Furnace and Single Stage Dual Fuel Heat Pump



Single Stage Furnace and Single Stage Air Conditioner with Refrigerant Detection System (RDS)



Single Stage Air Handler or Single Stage Heat Pump with Refrigerant Detection System (RDS)



Single Stage Furnace or Single Stage Heat Pump (Dual Fuel) with Refrigerant Detection System (RDS)

