

Step A: Install Small e-wire™ Thermostat Element (TE) with 3 wires

1. Turn off power to HVAC system (turn off circuit breaker). Hole in wall behind thermostat should be ½" dia.
2. Label and photograph old base plate showing wire colors connected to each terminal.
3. **If replacing thermostat:** remove wires and base plate and install new base plate.
4. **For Heat with AC:** Remove base plate from wall, connect Y wire in wall to base plate C terminal and connect e-wire TE Yellow wire to Y1 terminal, connect R wire in wall to base plate Rc terminal, connect G wire in wall to base plate G terminal, connect e-wire TE Green wire to base plate W1 terminal, and connect W wire in wall to e-wire TE Black (B*) wire with wire connector.
5. **For Heat Pump:** Remove base plate from wall, connect Y wire in wall to base plate C terminal and connect e-wire TE Yellow wire to Y1 terminal, connect R wire in wall to base plate Rc terminal, connect Orange or Brown heat pump wire to base plate O/B terminal, connect e-wire TE Green wire to base plate G terminal, and connect G wire in wall to e-wire TE Black wire with wire connector.
6. **For heat only (no AC or heat pump):** Remove base plate from wall, connect G wire in wall to base plate C terminal, connect e-wire Green wire to base plate G terminal, connect e-wire Yellow wire to W1 terminal, connect R wire in wall to base plate Rh terminal, connect W wire to e-wire TE Black with wire connector.
7. Place e-wire TE and wire connector through ½" diameter hole in wall behind base plate where thermostat wires go to HVAC system, screw base plate to wall, and verify wires are connected.

Step B: Install e-wire HVAC Element (HE) with 5 wires at HVAC system

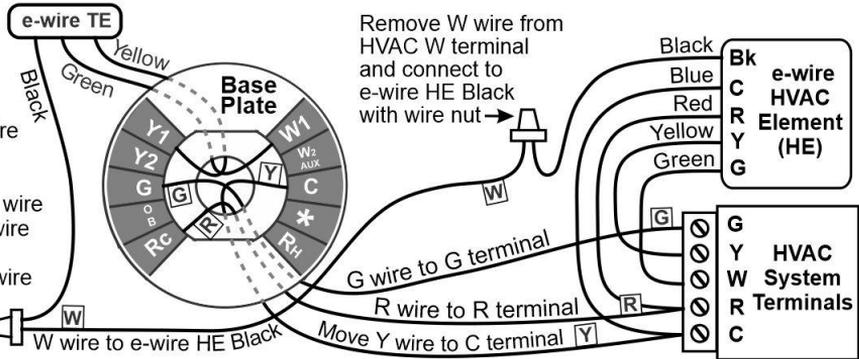
1. Label and photograph existing terminal block showing wire colors connected to each terminal.
2. Loosen R terminal screw with red wire, insert e-wire HE Red wire, and tighten connection.
4. **For Heat with AC:** Remove existing White wire from HVAC W terminal and connect to e-wire HE Black wire using wire nut. Remove existing Yellow wire from HVAC Y terminal and connect with e-wire HE Blue wire to HVAC C terminal. Connect e-wire HE Yellow wire to HVAC Y terminal. Connect e-wire HE Green wire to HVAC W terminal.
5. **For Heat Pump:** Remove Green wire from HVAC G terminal and connect to e-wire HE Black using wire nut. Remove Yellow wire from HVAC Y terminal and connect with e-wire HE Blue to HVAC C terminal. Connect e-wire HE Yellow wire to HVAC Y terminal. Connect e-wire HE Green wire to HVAC G terminal.
6. **For Heat only (no AC or heat pump):** Remove existing White wire from HVAC W terminal and connect to e-wire HE Black using wire nut. Remove Green wire from HVAC G terminal and connect with e-wire HE Blue to HVAC C terminal, connect e-wire HE Yellow to W terminal, connect e-wire HE Green to G terminal.

Step C: Install Smart Thermostat Faceplate, Turn on HVAC System, and Test

1. Install Smart Thermostat face plate and turn on circuit breaker for HVAC equipment.
2. **For Nest:** verify "equipment" screen shows common C and all other wires. For heat only: C, W1, G, and Rh. For heat/AC: C, Y1, W1, G, and Rc. For heat pump: C, Y1, O/B, G, and Rc.
3. Follow Smart Thermostat setup instructions.
4. **For heat only:** place system in heat mode and raise setpoint to verify heat operation.
5. **For AC or heat pump:** place system in cooling and lower setpoint to verify AC operation.

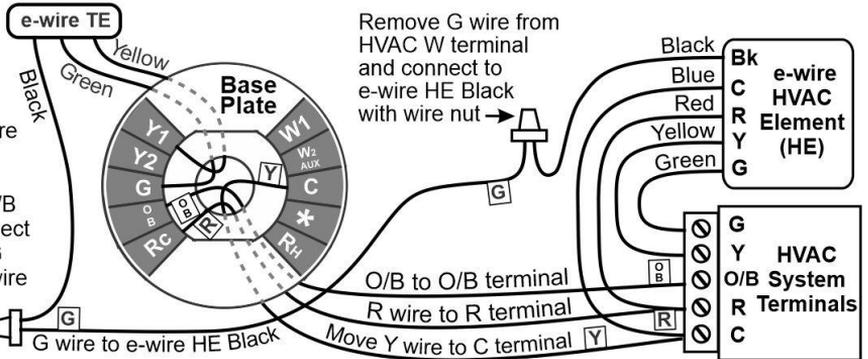
Heat with AC Instuctions

Remove base plate from wall, connect Y wire to C terminal and connect e-wire TE Yellow wire to Y1 terminal, connect R wire to Rc terminal, connect G wire to G terminal, connect e-wire TE Green wire to W1 terminal, and connect W wire to e-wire TE Black with wire connector



Heat Pump Instuctions

Remove base plate from wall, connect Y wire to C terminal and connect e-wire TE Yellow wire to Y1 terminal, connect R wire to Rc terminal, connect O/B wire to O/B terminal, connect e-wire TE Green wire to G terminal, and connect G wire to e-wire TE Black with wire connector



Heat Only Instuctions

Remove base plate from wall, connect G wire in wall to base plate C terminal, connect e-wire TE Green wire to G terminal, connect e-wire TE Yellow wire to W1 terminal, connect R wire to Rh terminal, and connect W wire in wall to e-wire TE Black with wire connector

