REZNOR®

Description and Application

Option **CL18** is a two-stage thermostat and subbase with an auto/on fan (blower) switch and an off/auto system switch. **Option CL7** is a two-stage thermostat and subbase with an off/auto system switch. These thermostat options apply to the Reznor Models listed, but the application varies. Select the model and application from the table below and follow the appropriate instructions.

![Two-Stage Thermostat with Subbase](image)

### Kit Components

<table>
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<tr>
<th>P/N 197265, Option CL18 Thermostat Kit for Model LDAP, UDAP, UDAS, UDBP, or UDBS includes:</th>
<th>Qty</th>
<th>Description</th>
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<td>1</td>
<td>93436</td>
<td>Two-Stage Thermostat, Honeywell #T874F1130, with Subbase, Honeywell #Q674C1009</td>
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<tr>
<td>1</td>
<td>123942</td>
<td>Thermostat Terminal Jumper</td>
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<tr>
<td>1</td>
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<td>Instruction Sheet, Form I-OPT-T</td>
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<th>P/N 208945, Option CL7 Thermostat Kit for Model LDAP, UDAP, UDAS, UDBP, or UDBS includes:</th>
<th>Qty</th>
<th>Description</th>
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### Installation Instructions for Automatic Fan or Blower Only Recirculation Control and Single-Stage Heating

**WARNING:** Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury or death. Read the installation, operation, and maintenance instructions thoroughly before installing or servicing this equipment.
Installation Instructions for Automatic Fan or Blower Only Recirculation Control and Single-Stage Heating (cont’d)

NOTE: These instructions DO NOT apply to two-stage heating applications. If using a two-stage gas valve or using the two-stage thermostat for staging heat sections, follow the instructions in the heater installation manual.

1. Install the Thermostat

Install the thermostat according to the manufacturer’s instructions. Be careful to comply with the requirements covering the location of the thermostat.

Model UDAS, UDAP, UDBS, or UDBP -- Follow connection diagram in FIGURE 1A or 1B below to connect the 24 volt thermostat wiring.

Model LDAP -- Follow connection diagram in FIGURE 2A, 2B, or 2C, on page 3 to connect the 24 volt thermostat wiring.

2. For future reference, put this instruction sheet with the heater installation manual. Turn on the electric and the gas. Follow the lighting instructions to light the heater. Check for proper operation.

FIGURE 1A - Option CL18 Two-Stage Thermostat Connections for Model UDAP, UDAS, UDBP, or UDBS with Single-Stage Gas Valve and installed to provide recirculation:
1st stage - automatic fan or blower recirculation (no heat)
2nd stage - full fire heat

FIGURE 1B - Option CL7 Two-Stage Thermostat Connections for Model UDAP, UDAS, UDBP, or UDBS with Single-Stage Gas Valve and installed to provide recirculation:
1st stage - fan or blower recirculation (no heat)
2nd stage - full fire heat
NOTES:
1) Set thermostat first stage anticipator at maximum and second stage anticipator at 0.6 amps.
2) Jump thermostat terminals RH to RC and G to W1.