



DELUXE
PROGRAMMABLE
THERMOSTATS

Models 81M26, 81M27 and 81M28

Quick Start Installation Manual



111-318E
504,683M

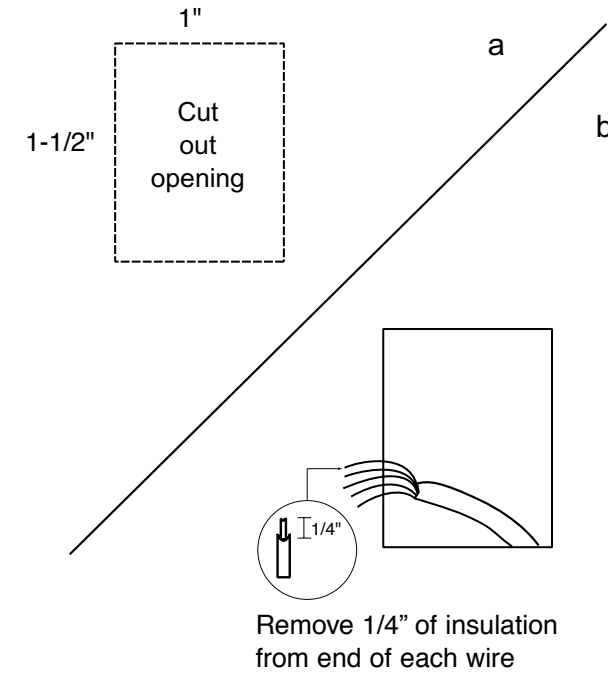
Installation DOs and DON'Ts

- Shut off all power to system before installing.
- Read entire manual before installing.
- Make sure that all wiring conforms to national and local codes.
- Use twisted pair cabling (84X49) between the SignatureStat and the outdoor temperature sensor.
- Consult the SignatureStat Service and Application Manual 504,993M.
- If used with the Harmony II zoning panel, consult Service and Application Note H-04-5.

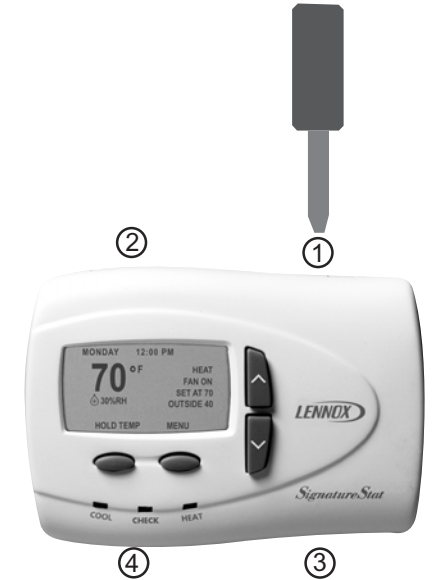
DO NOT

- Install on voltages greater than 30 VAC.
- Short jumper across terminals on the gas valve or at the system control.
- Install on outside walls or in direct sunlight.
- Use with commercial HVAC equipment.

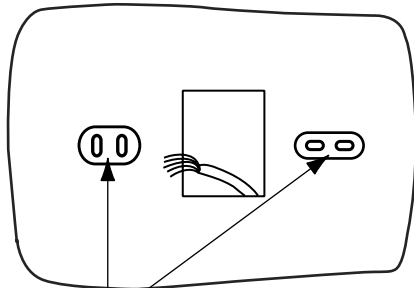
- ① Select location for installation.



- ② Open the case with a screwdriver. Place in slot and gently pry forward at all four locations.

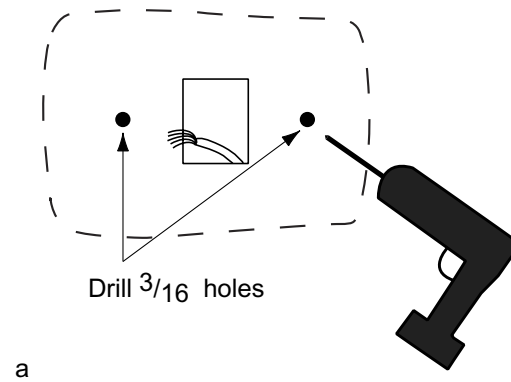


- ③ Mark mounting hole locations on wall.



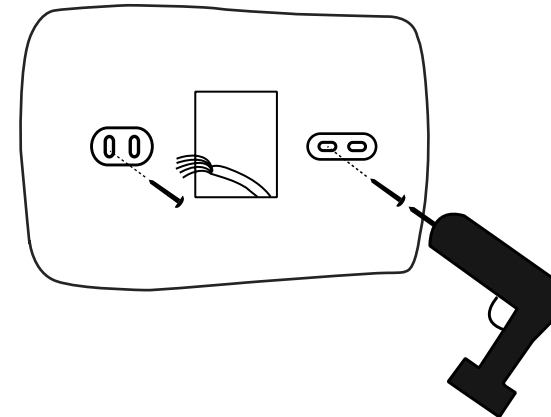
Mark mounting hole locations on wall using unit base as template.

- ④ Drill $\frac{3}{16}$ " holes at marked locations on wall. Insert plastic anchors into holes.

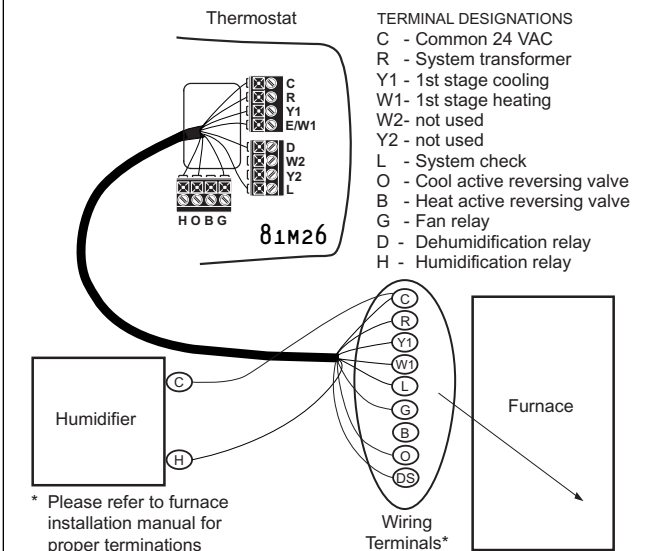


Press anchors into holes until flush.

- ⑤ Align unit base over plastic anchors embedded in wall and secure with the screws provided.

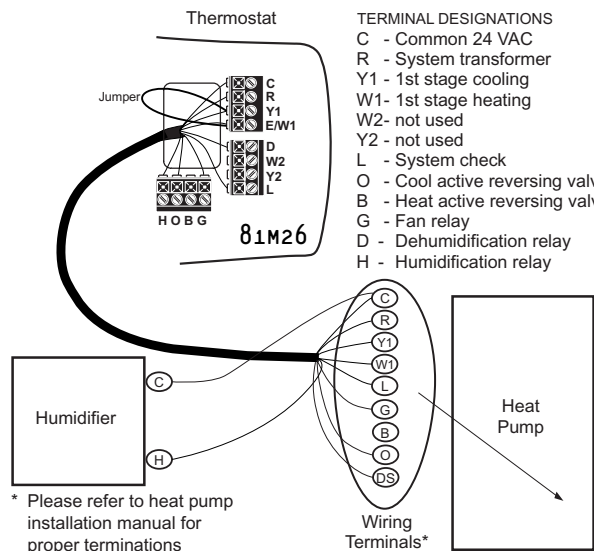


- ⑥ Connect wiring between unit and furnace. For Model 81M26 (1H/1C furnace applications):



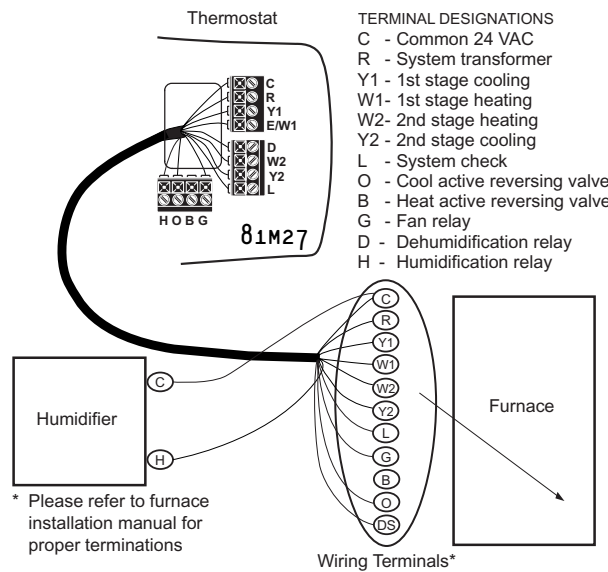
Note: To avoid electrical problems, use the system transformer for both the thermostat and humidifier.

7 **NOTE:** For 81M26 single stage heat pump applications, place a jumper between the W1 and Y1 terminals.



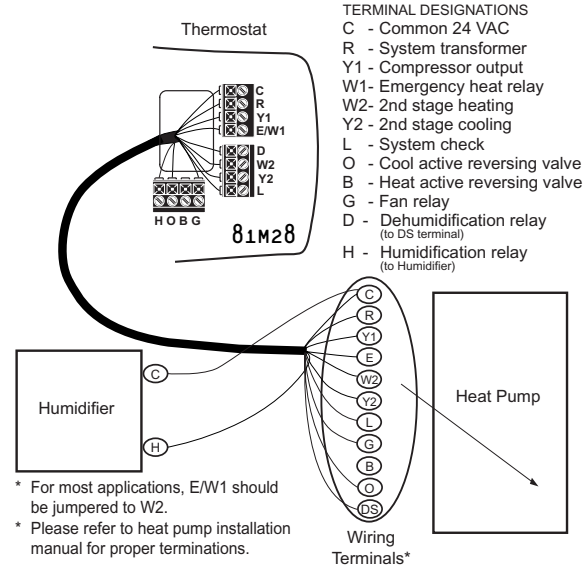
Note: To avoid electrical problems, use the system transformer for both the thermostat and humidifier.

8 Connect wiring between unit and furnace. For Model 81M27 (2H/2C furnace applications):



Note: To avoid electrical problems, use the system transformer for both the thermostat and humidifier.

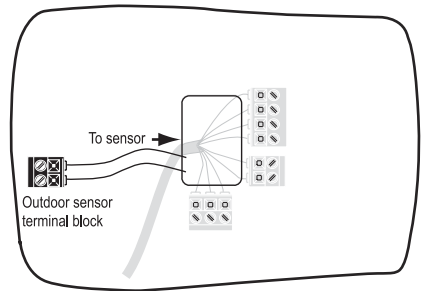
9 Connect wiring between unit and heat pump. For Model 81M28 (2H/2C heat pump applications):



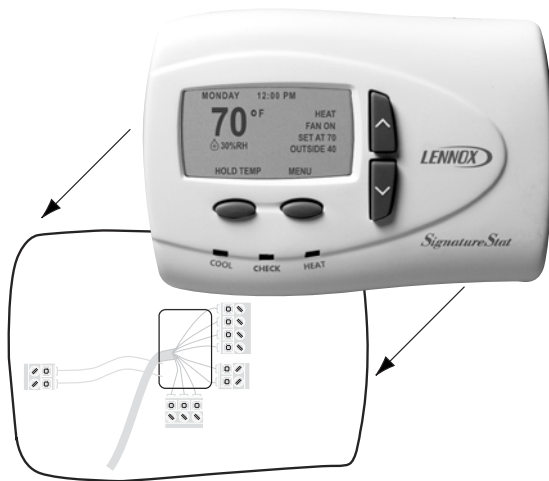
Note: To avoid electrical problems, use the system transformer for both the thermostat and humidifier.

10 Connect wiring between the thermostat and the outdoor sensor (46M98), if used. Use twisted pair wiring (84X49) with a maximum length of 300 feet (or 100m).

Seal the hole in the wall with a suitable material to prevent drafts from entering the thermostat case.



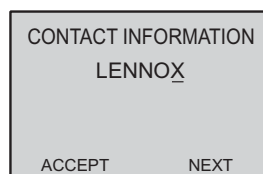
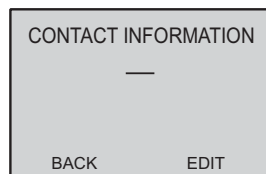
11 Replace cover on thermostat. Turn on power to unit and proceed with programming per instructions on the display or in the user's manual.



12 **Set Your Name**

To set your name and phone number into the thermostat press MENU, select INSTALLER SETTINGS, and CONTACT INFORMATION. The screen at the bottom left should appear.

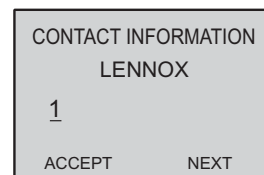
To enter your name press EDIT. Use the UP or DOWN button to scroll through the characters. (DOWN gets you to the letters faster.) After each letter press NEXT. When you are done entering your name, press ACCEPT.



13 **Set Your Phone Number**

Now enter your phone number. Use the UP and DOWN arrow to select the first number. Press NEXT. When you have completed entering your phone number, press ACCEPT.

The screen will return to the INSTALLER SETTINGS. Finish setting the thermostat for the application.



NOTE: If the SignatureStat is being used in conjunction with the G50UHI furnace, you will need Lennox relay #45H03.

If the SignatureStat is being used in conjunction with any other furnace that uses a single-speed, multi-tap indoor blower, you will need Lennox Indoor Blower Control Kit #40K58.

If the SignatureStat is being used in a dual fuel application, you will need dual fuel tempering kit #67M41.