Shipping and Packing List

Package 1 of 1 contains:
1 - Sensor (A2)
2 - Screws

IMPORTANT - Use 22AWG minimum, 1 twisted pair shielded cable (100% aluminum shield with drain wire, Tef­lon jacket). Lennox P/N’s 94L63, 27M19, 68M25, and Bel­den type 88761 are equivalent.

**WARNING**

Personal injury, loss of life, or damage to property! Installation and service must be performed by a qualified installer or service agency. Improper installation, adjustment, alteration, service or maintenance can cause personal injury, loss of life, or damage to property.

Sensor Location

Install sensor on a standard handy box or directly on wall. Locate sensor in conditioned space approximately 5 feet (1-1/2m) above the floor in an area with good air circulation at average temperature. Avoid locating the room thermo­stat where it might be affected by:
- drafts or dead spots behind doors and in corners
- hot or cold air from ducts
- radiant heat from sun or appliances
- concealed pipes and chimneys

Installation

1. Route cable from rooftop unit to an appropriate loca­tion in the conditioned space. Make wire connections to unit as shown in figure 1.
2. Loosen setscrews (turn clockwise) and remove sen­sor cover (see figure 2).
3. Center opening in baseplate or over opening in wall.
4. Mark holes for screws (see figure 2). Remove base­plate and drill holes.
5. Insert wall anchors (field provided) and align baseplate over opening in wall. Pull wiring through opening in base­plate. Secure baseplate to wall with screws.
6. Connect wiring to sensor as shown in figure 1.

7. Replace sensor cover and either tighten side screws or turn setscrews counterclockwise to secure cover in place.

Figure 1. Sensor Wiring

Figure 2. Temperature Sensor (A2)

Checkout

Verify the zone sensor operation by using one of the follow­ing to read the temperature:
- L Connection PC software
- NCP (A105)
- Unit Controller (A55; M1, M2 or M3)

Display zone sensor reading on the controller

M1 Unit Controller:
1. Turn the “TMP” DIP switch ON.
2. Press the pushbutton 4 times. The IMC readout will al­ternate between A2 (output being read) and the tem­perature.
3. Refer to the controller manual for more detail.
M2 Unit Controller:
1. Use the scroll buttons to locate DATA -> SENSORS -> ZAT.
2. The Zone Air Temperature (ZAT) will be displayed (e.g. ZAT:79F).

M3 Unit Controller:
Refer to the controller manual for more details.
1. Use the scroll buttons to locate DATA > IN/OUTPUTS > SENSORS > NETWORK > ZAT.
2. The Zone Air Temperature (ZAT) will be displayed as example: ZAT: 79.0 F
Refer to the controller manual for more details.