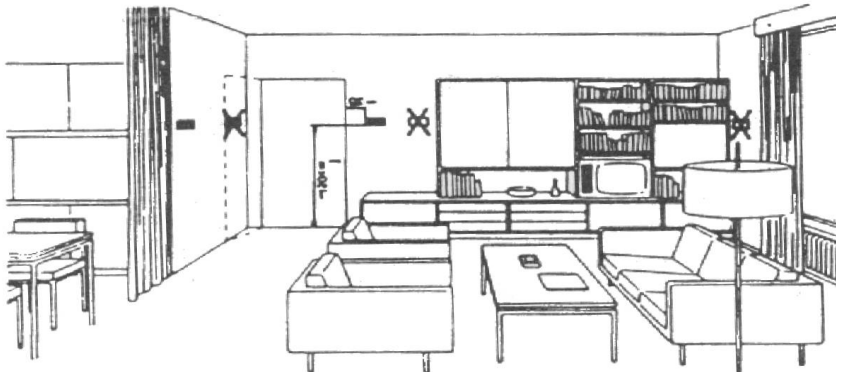
# 246111 Electronic Thermostat

## Mounting Location:

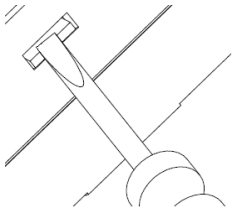
The thermostat is restricted to be used in indoor only. It should be mounted on an inner wall about 5feet above the floor at a position where it is readily affected by changes of the general room temperature with freely circulating air. Avoid to mount on hot surfaces(e.g. TV, Heater, refrigerator), or exposed to direct sunshine or drought, or equipment radiation or in laundry room. Do not expose this unit to dripping or splashing.



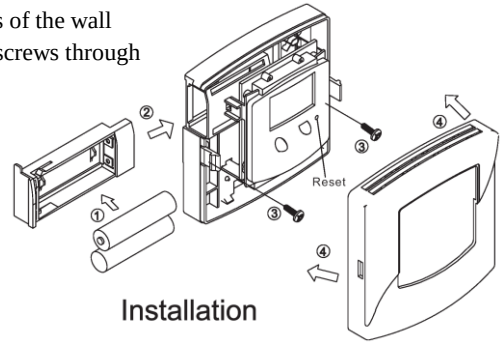
Mounting Instruction:

### 1/. **Mounting the thermostat:**

- Ensure the surface is level
- Place the cables at the hole near the terminal block
- Insert 2pcs of wall anchors into the holes of the wall
- Fasten the thermostat with 2pcs of long screws through the 2 mounting holes

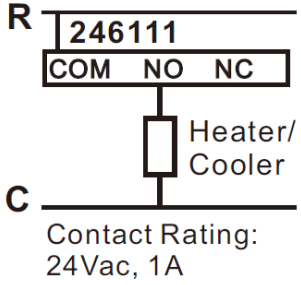


Use a flat screwdriver to press on the gap at both sides to detach the front shell.




### 2/. **Electrical Connection:**

- Wire the proper cables at the terminal block according to the circuit diagram attached inside the top cover
- Afterward, push all cables back into the wall
- No metal conduit or of cable provided with a metal sheath.
- Recommend to add a 1A fuse in the line circuit




### 3/. **Temperature setting up:**

- Adjust the comfortable temperature by pressing ▲ or ▼ to the desirable temperature.
- Return the room temperature display after 8 seconds with the icon disappears

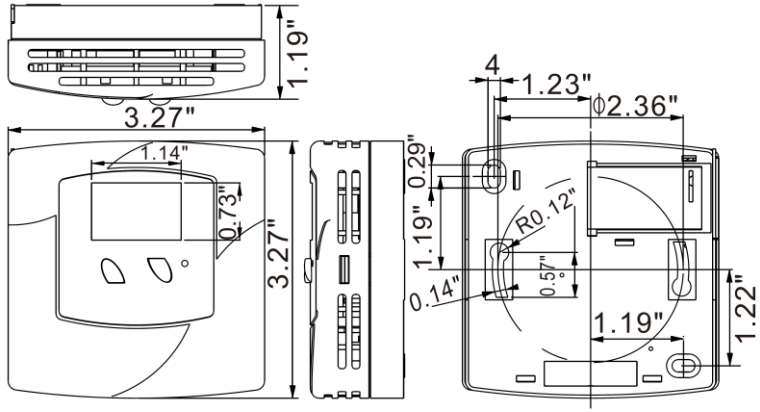
### 4/. **Heat / Cool selection**

- Heater, Cooler Jumper: When jumper connects to "Heater" ,heating function is selected. When jumper connects to "Cooler", cooling function is selected. If no any jumper connection, Both heating or cooling function will not work.

### 5/. **Install or replace the battery:**

When Battery is low, a low-battery indication shows in the display.
Replace only with the same or equivalent type of batteries. Do not dispose the used battery with the household waste. Refer to your local area for the proper disposal.
Caution: Turn off the electronic devices and disconnect the supply to the applicants before replacing the batteries.

**Dimension in inches**




## Technical Data:

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|---|---|
| Temperature Range: | 40 - 95°F adjustable |
| Switching Differential: | Approx 1°F |
| Power Supply: | 2 x AAA battery |
| Rating: | 24Vac 1A |
| Frequency: | 50/60Hz |
| Sensing Element: | NTC thermistor |
| Electronic Control: | Type 2.B action |
| Time Constant: | Approx. 2 min. |
| Terminals: | 2mm² Cable |
| Operating Temperature: | 32 - 104°F |
| Storage Temperature: | 32 - 122°F |