**Model 2H2C**

**Two Stage Furnace**

**Digital Thermostat**

**FOR TWO STAGE FURNACE**

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**THERMOSTAT INSTALLATION**

Thermostat is very sensitive. Handle with care at all times. Locate thermostat 48” to 54” above floor on an interior wall. Pick a dry area where air circulation is good. Exterior wall location must have a 3/4” spacer between thermostat and exterior wall.

1. Be sure all electrical power has been disconnected from the air conditioner, furnace and the power supply.
2. Do not install the thermostat where there are unusual heating conditions: such as direct sunlight, heat-producing appliances (television, radio, wall lamp, etc.) or a furnace or air conditioner supply register.
3. ATTACHING THE WALL THERMOSTAT. Separate the thermostat body from the sub-base by gently squeezing the top and bottom. Pull wires through access hole in base plate. Attach thermostat sub-base to the wall at the desired mounting location. Mount the sub-base to the wall before connecting the wires.

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**System Slide Switch**

**SCROLL ORDER OF DISPLAYED MODES**

**OPERATION**

**Furnace Operation**

- AU: Furnace automatically switches between high and low BTU valve and high and low speed fan when cycling to satisfy set point.
- HI: Furnace high BTU valve and high speed furnace fan cycle to satisfy set point.
- LO: Furnace low BTU valve and low speed furnace fan cycle to satisfy set point.
- HF: Furnace fan runs at high speed to circulate air. Air conditioner fan does not run.
- LF: Furnace fan runs at low speed to circulate air. Air conditioner fan does not run.

**Air Conditioner Operation**

- AU: Air conditioner automatically switches between high and low compressor and high and low speed fan when cycling to satisfy set point.
- HI: Air conditioner high compressor and high speed fan cycle to satisfy set point.
- LO: Air conditioner low compressor and low speed fan cycle to satisfy set point.
- HF: Air conditioner fan runs at high speed to circulate air. Furnace fan does not run.
- LF: Air conditioner fan runs at low speed to circulate air. Furnace fan does not run.

**Fan Operation**

- HI: Air conditioner fan and furnace fan run at high speed to circulate air.
- LO: Air conditioner fan and furnace fan run at low speed to circulate air.

**Off**

No operation occurs.

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**Specifications**

- Operating Voltage ...................... 9VDC to 18VDC
- Power Consumption ........................ 100mA
- Operating Temperature .................. -40°F to +185°F
- Room Temperature Range ............... +55°F to +90°F
- Room Temperature Display Range .......... +35°F to +99°F
- Thermostat Accuracy ...................... +/- 1°F