



Model SMT-24

**24 Volt Heat Pump or Heat Cool Thermostat
Two Stage Heating One Stage Cooling
Auto Changeover - Non Programmable**



Operation

On Off switch

The system will operate only when this switch is in the "ON" position. When heating or cooling is not required turn this switch to the "Off" position.

Heat Cool Auto switch.

Select "Heat" when heating only is required or select "Cool" when cooling only is required. In "Auto" Mode the thermostat will automatically select heating or cooling mode depending on the current room temperature and the set (or desired) Temperature.

Fan Switch

In the "Auto" mode the fan will only operate while the heating or cooling is running. The fan will stop operating when the desired temperature has been reached and heating or cooling is no longer required. Select "on" when continuous fan operation is required regardless of the need for heating or cooling.

To Set Temperature.

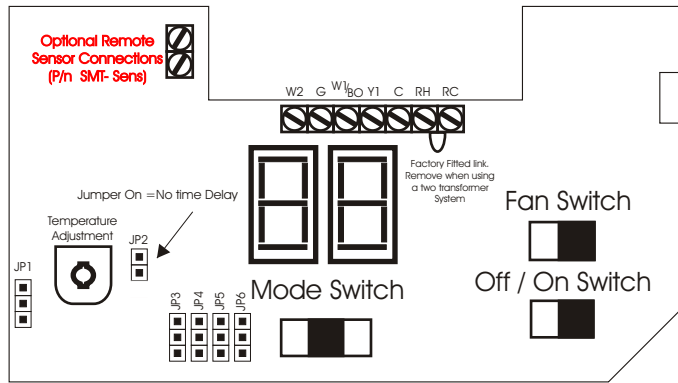
The thermostat indicates the current room temperature on the illuminated display. When rotating the temperature select switch the display will flash and indicated the SET or Desired temperature. By turning the select switch clockwise or counterclockwise the desired or set temperature will increase or decrease. After a few moments of not moving the temperature adjustment the display will return to indicate room the current room temperature.

The thermostat will control the heating or cooling equipment and maintain the room temperature to within ± 1.5 deg C of the set or desired temperature.

System LED

This Green LED will illuminate when the thermostat requires the cooling or heating unit to operate.

Making Life Comfortable



Jumper Table

Jumper Position	JP1	JP3	JP4	JP5	JP6
	External Sensor	Heat Pump	Fan on with Heat Call (Heat Pump)	Rev Valve Energize "O" (cooling)	Display Deg F
	Internal Sensor	Heat Cool	Fan on with system (Gas Heat)	Rev Valve Energize "B" (heating)	Display Deg C

Jp-2 OFF = 3 Min Time Delay

- JP1** Internal / External sensor select.
- JP2** Compressor Delay Select.
- JP3** Heat pump or Heat Cool Select.
- JP4** Fan Mode Select.
- JP5** R/Valve energise select.
- JP6** Display format (deg C or F).

Heat Pump Connections

W2	Aux Heat
G	Fan
W1/BO	Reversing Valve
Y1	Compressor
C	24v Neutral
RH	24v Active Heat
RC	24v Active Cool

Heat / Cool Connections

W2	Heat 2
G	Fan
W1/BO	Heat 1
Y1	Cool
C	24v Neutral
RH	24v Active Heat
RC	24v Active Cool

Typical Connections

