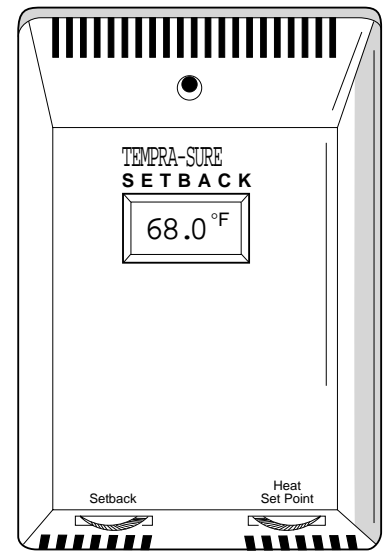




Marley
Engineered Products



Model DSB 240C Automatic Setback Line Voltage Thermostat



Installation & Maintenance Instructions

Dear Owner,

Congratulations! Thank you for purchasing this new Tempra-Sure thermostat manufactured by Marley Engineered Products. You have made a wise investment selecting the highest quality product in the heating industry. Please carefully read the installation and maintenance directions shown in this manual. You should enjoy years of efficient heating comfort with this product from Marley Engineered Products... the industry's leader in design, manufacturing, quality and service.

... The Employees of
Marley Engineered Products

⚠ WARNING ⚠

NOTE: This thermostat is a line voltage control (240VAC). Do not install it if you are not completely familiar with house wiring. If handled improperly, there can be a risk of an electric shock hazard which may cause injury or death.

1. Before proceeding, first turnoff power to the heating system at the main power fuse or circuit breaker panel (See warning note above).

2. When replacing your old thermostat, remove the two mounting screws of your thermostat and pull out of the junction box.
3. Label the wire in the junction box so that they match the thermostat wiring to which they attach.
4. Disconnect old thermostat.

INSTALLATION INSTRUCTIONS

With wires through the square hole, attach base plate to thermostat junction box with the two screws included. See Fig. 1 for an installation with the main power supplied directly to the thermostat.

Wire according to Fig. 2 when the main power supply is to the heater junction box.

Use certified solderless wire connectors approved for No. 12 wires, tighten firmly to prevent wires from pulling out. Use electrical tape to further secure the wire connectors.

Properly place wires in the junction box and hinge the top of the thermostat to the top of the mounting base as shown in Fig. 3.

Rotate the thermostat down and snap into the lower portion of the mounting base. Secure with screw.

Helpful Hints

1. Install thermostat about 1.52M from floor on an inside wall — **not** directly above the heater.
2. Install in area of natural light and room lights but **not** in direct sunlight.
3. The setback mode can be controlled with room lights. Examples include:
 - Use Normal Setting during nighttime use in

rooms with regular lights.

- Use Immediate Setback in rooms when lights are turned out.
- A Light Switch Timer can be used to bring the thermostat out of setback mode for early morning start-up.

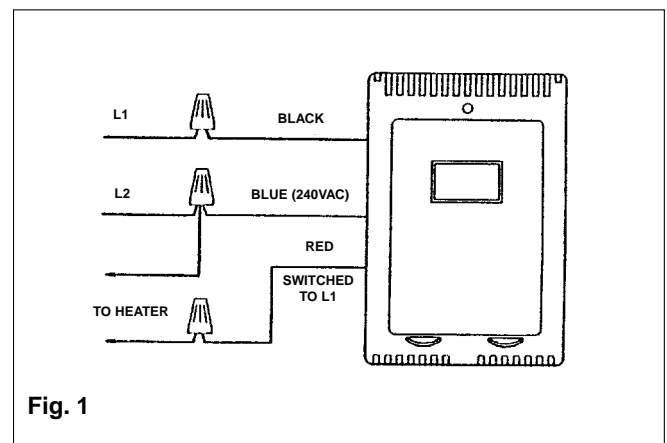


Fig. 1

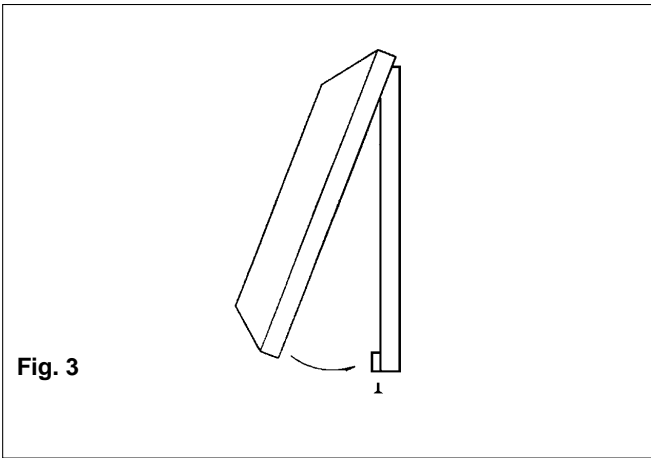


Fig. 3

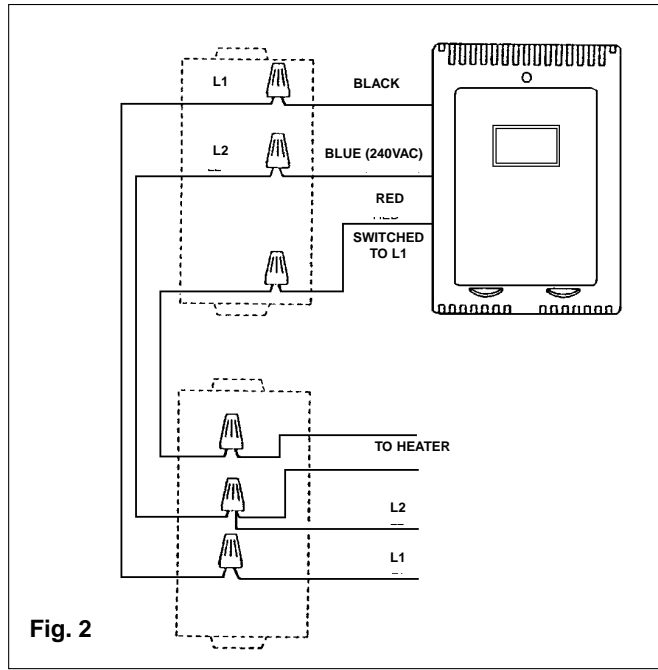


Fig. 2

OPERATING INSTRUCTIONS

HOW TO ADJUST THE SETBACK

The automatic setback is activated when the room light is dim. The setback amount is adjustable from 0 to 7 degrees. To change the setback, adjust the setback knob, which is located on your left hand side. The thermostat will then be automatically programmed into the setback mode.

The previous setback will display and blink for 2 seconds. The new setting will appear and change as you turn the knob. After adjusting the knob, the display will automatically return to the actual temperature.

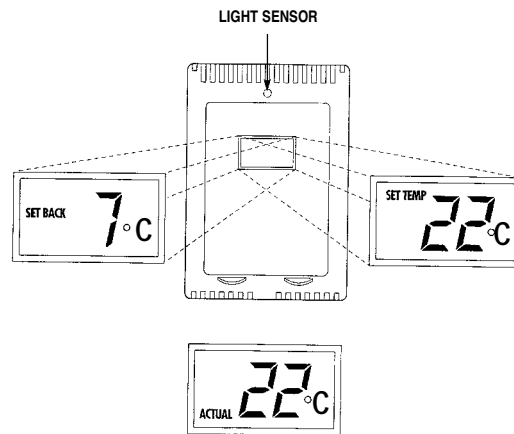
NOTE: The **LIGHT SENSOR** will automatically go into setback mode as the room's light dims.

HOW TO ADJUST THE DESIRED TEMPERATURE

The setting range is from 15°C to 30°C. To turn up or down the temperature, all you have to do is turn the right hand adjustment knob, clockwise or counterclockwise. Be sure to watch the LCD display change automatically to the set program.

The previous setting will display and blink for two seconds.

The new setting will appear and change as you turn the knob. The display will automatically return to the actual temperature display mode.



LIMITED WARRANTY

All products manufactured by Marley Engineered Products are warranted against defects in workmanship and materials for one year from date of installation. This warranty does not apply to damage from accident, misuse, or alteration; nor where the connected voltage is more than 5% above the nameplate voltage; nor to equipment improperly installed or wired or maintained in violation of the product's installation instructions. All claims for warranty work must be accompanied by proof of the date of installation.

The customer shall be responsible for all costs incurred in the removal or reinstallation of products, including labor costs, and shipping costs incurred to return products to Marley Engineered Products Service Center. Within the limitations of this warranty, inoperative units should be returned to the nearest Marley authorized service center or the Marley Engineered Products Center, and we will repair or replace, at our option, at no charge to you with return freight paid by Marley. It is agreed that such repair or replacement is the exclusive remedy available from Marley Engineered Products.

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Some states do allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For the address of your nearest authorized service center, contact Marley Engineered Products in Bennettsville, SC, at 1-800-642-4328. Merchandise returned to the factory must be accompanied by a return authorization and service identification tag, both available from Marley Engineered Products. When requesting return authorization, include all catalog numbers shown on the products.



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