

# BI-METAL KT SERIES LINE VOLTAGE PORTABLE THERMOSTAT OPERATION & INSTALLATION MANUAL

| DESCRIPTION  | SPECIFICATIONS  |
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| <p>This custom designed thermostat controls portable or fixed oil, gas fired or electric heaters. Also offered in a cooling version to operate air conditioning, fans or other ventilation equipment.</p> <p>A special 3-wire extension cord with series plug permits plugging the heater or ventilator cord for automatic operation. Provided with a wire hanger as well as mounting holes make this a very versatile thermostat.</p> | <p><b>Electrical Rating</b><br/>13A, 125 VAC Resistive<br/>1/2 HP, 125 VAC<br/>9.8 FLA, 125 VAC<br/>58.8 LRA, 125 VAC</p> <p><b>Differential</b><br/>Approximately 3° F Heating/Cooling</p> <p><b>Temperature Range</b><br/>-10° to 100° F</p> <p><b>Dimensions</b><br/>2.50" x 1.50" x 2.50"</p> |

## INSTALLATION

- 1) Hang the thermostat away from outside walls and drafty areas. Locate it where sunlight cannot fall directly on it through windows. Do not hang the thermostat accessory on or next to hot or cold water pipes, heating ducts, or cold air return ducts.
- 2) Locate the thermostat accessory approximately four feet above the floor to obtain the best temperature regulation.
- 3) **DO NOT** hang or mount the thermostat accessory directly in front of the heater or air conditioner as this will cause the system to shut off before the desired temperature is reached.

### WARNING

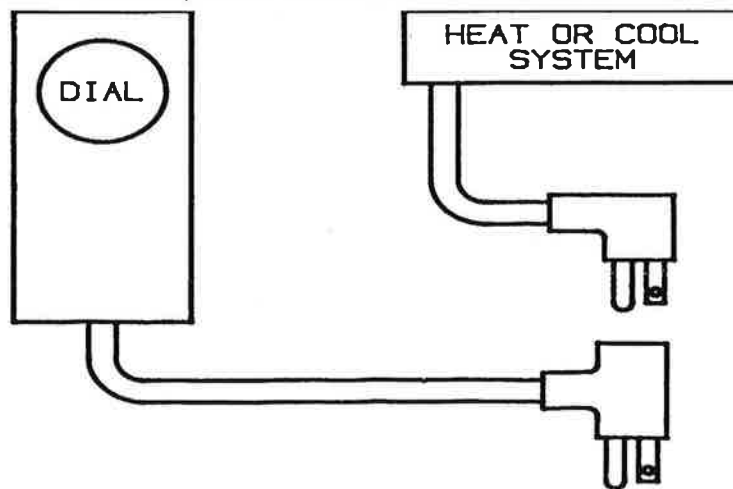
If this product is used to replace a device containing mercury, the purchaser or consumer must ensure that the mercury is properly managed to comply with state or federal regulations. The mercury must not become part of solid waste or waste water. Additional guidance may be obtained from the manufacturer of the product being removed or by calling the Materials Manager.

OUTSIDE TENNESSEE: 1-800-251-7828  
INSIDE TENNESSEE: 1-423-477-0545

## OPERATION

- 1) Plug the thermostat into an outlet of the proper voltage for the heating or air conditioning equipment.
- 2) Plug the heater or air conditioners cord into the receptacle holes in the thermostat's plug.
- 3) Turn thermostat knob toward the "warmer" position (clockwise) or "cooler" position (counterclockwise) until the heating or air conditioning equipment starts, then adjust to maintain a comfortable working environment.
- 4) **WARNING:** When used with the thermostat, the heater or air conditioner may start at any time. Always unplug equipment and thermostat when not in use.
- 5) To reduce the risk of electric shock, this equipment has a polarized plug (One blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

### MODEL KT-121 (HEAT ONLY) OR KTO-121 (COOL ONLY)



PLUG THERMOSTAT CORD INTO 3 PRONG SERVICE OUTLET. PLUG HEATER OR COOLING SYSTEM INTO FEMALE SOCKET ON THERMOSTAT CORD. KT-121 CAN BE USED FOR HEATING ONLY, KTO-121 CAN BE USED FOR COOLING ONLY.

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