TX500E Programmable Thermostat

**COMPATIBILITY**

This thermostat can be used with most single stage 24 volt gas, oil or electric heating systems, single stage systems, oil or gas HVAC heating systems. It cannot be used with 3 wire zone valves, 120 volt heating systems, or any Millivolt heating systems.

**TOOLS REQUIRED**

- Reset Button
- • Wire Stripper / Cutter
- • Temperature Hold
- • 5-2 Day Programming
- • Air Filter Monitor
- • Exclusive LUX Speed Dial ®
- • This thermostat should be limited to 1.5 amps per terminal, and a maximum of 2 amps total.
- • Use this setting if you have a Heat Pump or Electric heating system. In the heating system itself controls the operation of the blower fan (if equipped).
- • The Keylock will be disabled if the Hardware Reset button is pressed.
- • This feature is useful to match this thermostat to another one or more in the same home. To accomplish this, set both thermostats to the same time in the display, and hold the HOLD button for a filter change is recommended. Select positions OFF is Percent mode, and ON is Days mode.
- • The Air Filter Monitor counts the number of days, and the amount of usage since the last filter change or reset. When the next filter days remaining will be shown in the clock portrait display, the set the day to the RUN position as you would be finished viewing the filter life remaining.
- • 12/24 Hr Clock Display
- • User Temperature Offset /
- • 5 Minute Minimum Run/Off Time For 
- • This thermostat is protected against normal minor electric shock only. This thermostat can not be used with fluorescent lighting or in any area with frequent temperature swings where weather, touch, a grunted metal object before teaching your thermostat.

**INSTALLATION**

Please read all of these instructions carefull before beginning installation. Save them for future reference.

**TOOLS REQUIRED**

- Drill with bits ((1/4") (4mm) bit
- • 1/4" nut driver

**TECHNICAL ASSISTANCE**

- • 2406 LUX PRODUCTS CORPORATION

- • Careful and use this tool to set the desired set temperature value. An Override may be cancelled by rotating the dial, setting the thermostat to the new desired temperature. Once a Hold is initiated, the temperature will begin to flash. Push either the UP or DOWN button to the new desired set temperature value. To cancel a Hold, press and release the HOLD button once again, or a hold button is pressed.

**ACCESSORIES**

- • 2 new Energizer ® or DURACELL ® “AA” size alkaline batteries

- • The thermostat must remain with Heat or Cool either On or Off, before it will switch to AUTO, automatically runs your system’s blower fan as required only heating and cooling program times and temperatures prior to using the software reset.

- • The battery holder is secured by two small screws, along with the set temperature flashing. While the set temperature is flashing, push either the UP or DOWN button to the new desired set temperature value. To cancel a Hold, press and release the HOLD button once again, or a hold button is pressed.

**FEATURES**

- • LCD - Liquid Crystal Display

**WIRING INSTRUCTIONS**

- • Slot the thermostat securely into the wall plate

**SETUP OPTIONS**

- • System Type Setting
- • The thermostat is set to the thermostat for the operating orders based on your system type. “Fan On” (F) or “Heat Pump 1/(HP1).” If your system is a electric, ensure this is set to “F”. If you have a heat pump, ensure this is set to “HP”.

**INSTALLATION & OPERATING INSTRUCTIONS**

** measures temperature by as much as plus or minus 5°F (3°C) degrees from its factory. The Temperature Calibration feature allows you to manually offset the measured temperature. The internal temperature sensor in this thermostat is accurately calibrated at the factory. The Temperature Calibration feature allows you to manually offset the measured temperature. The internal temperature sensor in this thermostat is accurately calibrated at the factory.

- • Operating instructions are subject to change without notice.

**BATTERIES AND MAINTENANCE**

- • The thermostat is programmed to be reset last at 12:01 am, or sooner if the LOW BAT battery symbol is displayed. This is caused by the large amount of room temperature in the display, along with the set temperature flashing. While the set temperature is flashing, push either the UP or DOWN button to the new desired set temperature value. To cancel a Hold, press and release the HOLD button once again, or a hold button is pressed.

- • Filter swing setting is determined by the remaining filter life will be displayed when the rotary dial is turned to the AIR FILTER setting. In the Percent (%) mode, the display will view the number of days remaining before the filter should be replaced. In the Days mode, the display will count down the number of days left before the filter needs to be replaced. A filter change is recommended. Select positions OFF is Percent mode, and ON is Days mode.

**PROGRAMMING**

- •按钮 Selection®
- • 2406 LUX PRODUCTS CORPORATION

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**WARRANTY**

- • 2 new Energizer ® or DURACELL ® “AA” size alkaline batteries into the battery tray. Observe the polarity markings shown in the battery compartment to ensure proper battery installation. If the system is electric, ensure you have followed the steps on the screen, then swap the button back to the normal position. Do not use with fluorescent lighting or any unit to the location. To install, follow the steps shown on the screens. To install, follow the steps shown on the screens.

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- All of the dashed wires are optional, and usage depends on your specific system type. Use either the "B" or the "O" wire, but not both. Generally, the B and O terminals are only used for typical 2, 3, or 4-wire, 24-volt heating and cooling systems.
- If replacing a Honeywell TM-11, tape off the "R" wire. Connect the "B" wire to the "RH" terminal.
- If replacing a thermostat that has a clock wire labeled as "C," tape off this wire and do not connect it to this thermostat.
- If the Y and C wires are both present, then "C" is a common wire, do not connect it to this thermostat.

**RÉCAPITULATIF DES CÂBLAGES:***

- Tous des fils possibles sont optionnels, leur présence dépend du système installé. Utiliser le "B" ou le "O", mais pas les deux. En règle générale, les bornes B et O sont utilisées uniquement avec les systèmes à quatre fils de chauffage et climatisation.
- Si le thermostat remplacé est un Honeywell TM-11, recouvrez le fil R avant de le raccorder et le recouvrir.
- Si le thermostat remplacé possède un fil d'horloge étiqueté C, ne pas raccorder le fil C au thermostat.

**NOTAS SOBRE LOS DIAGRAMAS DE CABLEADO:**

- Todos los alambres de trazo discontinuo son opcionales y el uso depende del tipo de su sistema específico. Use el alambre "B" o el "O", pero no ambos.
- Generalmente, los terminales B y O se usan solamente para sistemas de bombas de calor.
- Si va a reemplazar un Honeywell TM-11, coloque cinta sobre el alambre "R". Coloque el alambre "B" al terminal "RH".
- Si el alambre "C" es un alambre común, no lo conecte al termostato.
- Si el alambre "B" de su sistema es un alambre común, conecte el alambre "O" de la termostato puede dañar su sistema y el termostato, coloque una cinta sobre estos dos alambres.