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## LUX PSD111B

# Lux Pro PSD111B Non-Programmable Thermostat User Manual

Model: PSD111B-010 | Brand: LUX

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lux Pro PSD111B Non-Programmable Thermostat. Designed for home use, this thermostat offers simple, reliable control over your heating and cooling systems.



The Lux Pro PSD111B Non-Programmable Thermostat features a clear digital display and simple controls for managing your home's heating and cooling.

## KEY FEATURES

- Install easily in either horizontal or vertical orientation for versatile placement options.
- Includes easy-view backlight for clear display and operates on 2 included AA alkaline batteries for convenient, reliable power.
- Choose between Fahrenheit or Celsius temperature display options for your preferred unit of measurement.
- Tailor your comfort with adjustable temperature swing settings, featuring 9-step control for precise temperature management.
- Offers adjustable high and low temperature limits, along with a 9-step temperature swing for customized comfort control.



Horizontal /  
Vertical Mount



Large Back-Lit  
Display



Dual Power

Contractor-Grade  
Terminals



This image highlights the key features of the thermostat, including its versatile mounting options, large backlit display, dual power capability, and robust contractor-grade terminals.

# System Compatability

## HEAT (24V) COMPATIBLE

- ✓ Gas/ Oil/ Electric Furnace - Heating only
- ✓ Gas/ Oil/ Electric Furnace - Single Stage
- ✓ Heat Pump w/o Auxiliary Heat
- ✓ 2-wire Hydronic (Hot Water)
- ✓ 750 Milivolt
- ✓ Gas Fireplaces (24V)

## COOL (24V) COMPATIBLE

- ✓ Cooling only
- ✓ Single stage cooling

## NOT COMPATIBLE WITH:

- X Heat Pump Multistage
- X Radiant Ceiling Heat
- X Electric Baseboards
- X Heat Pump w/ Auxliliary Heat
- X Portable space heaters
- X 3-wire Hydronic (Hot Water)
- X Gas/ Oil/ Electric Furnace - Multistage
- X Cool Multistage
- X Plug-in air conditioners

A detailed list of product features, emphasizing user-friendly controls and customizable settings for optimal comfort.

## INSTALLATION AND SETUP

Proper installation is crucial for the optimal performance of your thermostat. Please follow these guidelines carefully.

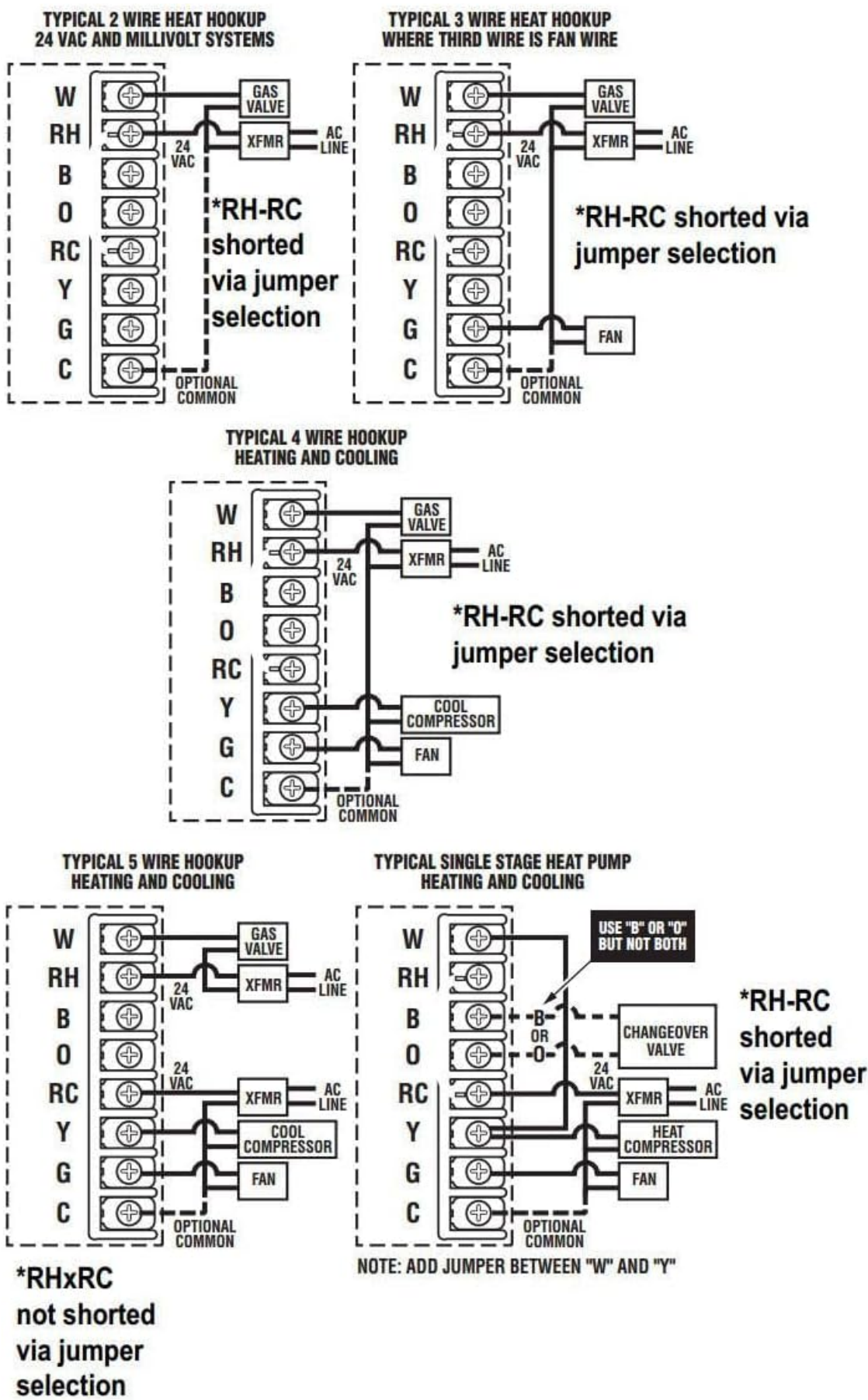
### What's in the Box:

- 1 x PSD111B-010 Mechanical Non-Programmable Thermostat
- 2 x AA alkaline batteries
- 2 x ST screws
- 2 x Wall anchors
- Wire labels
- Instruction manual

### Wiring Diagrams:

Refer to the following diagrams for correct wiring based on your HVAC system type. Ensure power is off before

beginning installation.



This diagram provides essential wiring instructions for connecting the thermostat to different HVAC systems, ensuring proper installation.

**System Compatibility:**

The PSD111B thermostat is designed for specific HVAC systems. Verify your system's compatibility before installation.



**INNOVATION.**

**RELIABILITY.**

**PERSONALIZATION.**

OUR PHILOSOPHY IS SIMPLE – DESIGN  
PRODUCTS AROUND YOU, MAKING YOUR  
LIFE EASIER AND MORE COMFORTABLE.

This chart clearly outlines the types of heating and cooling systems that are compatible with the Lux Pro PSD111B thermostat, as well as those that are not supported.

## OPERATION

The Lux Pro PSD111B thermostat features a simple and intuitive control panel for easy temperature and mode adjustments.

### Adjusting Temperature:

Use the **UP** and **DOWN** arrow buttons located next to the display to increase or decrease the desired temperature setting.

### Selecting Mode:

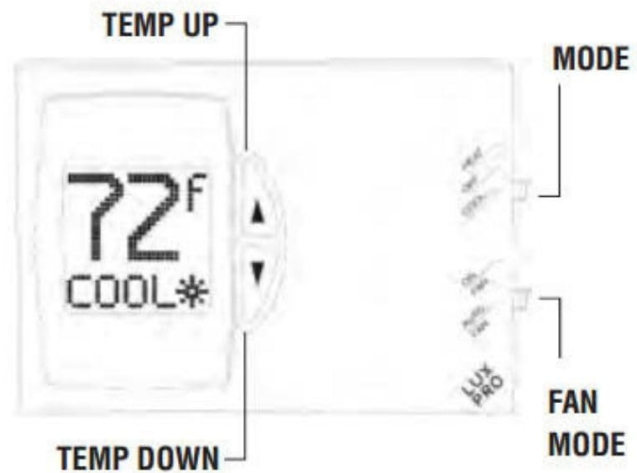
On the right side of the thermostat, slide the switch to select your desired mode **HEAT**, **OFF**, or **COOL**.

### Fan Settings:

Below the mode switch, slide the fan switch to either **ON** (fan runs continuously) or **AUTO** (fan runs only when heating or cooling is active).

## Simple & Intuitive control panel

The unit can be used with most 24 volt gas, oil or electric heating and air conditioning systems, gas millivolt heating systems, and single stage heat pumps. It cannot be used with 120 volt heating systems or two stage heat pumps. Ask your dealer for other LUXPRO thermostats to control those systems.



## Customizable settings for your needs

The thermostat's simple and intuitive control panel allows for easy temperature adjustments and mode selection.

### MAINTENANCE

#### Battery Replacement:

The thermostat requires 2 AA batteries for operation. When the battery indicator appears on the display, replace the batteries promptly to ensure continuous functionality. To replace, gently pull the thermostat body away from the wall plate, remove old batteries, and insert new ones, observing polarity. Reattach the thermostat body to the wall plate.

#### Cleaning:

Wipe the thermostat's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## TROUBLESHOOTING

### No Display or Low Battery Indicator:

- Check and replace the 2 AA batteries.
- Ensure the thermostat is securely attached to the wall plate.

### System Not Responding (No Heat/Cool):

- Verify the mode switch is set to HEAT or COOL.
- Check your circuit breaker for the HVAC system.
- Ensure all wiring connections are secure and correct according to the installation diagrams.
- Allow for a 2 or 5 minute compressor delay if switching from heat to cool or vice versa.

### Incorrect Temperature Reading:

- Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources.
- Check for proper calibration as per advanced settings in the full manual (if applicable).

## TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	LUX
Model Name	PSD111B-010
Product Dimensions	1"D x 3.5"W x 4.7"H
Controller Type	Push Button
Special Feature	Low Voltage
Color	White
Specific Uses For Product	Air Conditioner, Heat Pump
Temperature Control Type	Manual
Included Components	PSD111B-010 Mechanical Non-Programmable Thermostat
Power Source	Ac/dc
Item Weight	6.4 Ounces
Voltage	24 Volts
Material	Plastic
Shape	Rectangular
Display Type	LCD

Control Type	Button Control
Control Method	Touch
Mounting Type	Wall Mount
Style	PSD111B
Backlight	No
Number of Batteries	2 AA batteries required.
UPC	021079031115 784497646582
Global Trade Identification Number	00021079031115
Manufacturer	EME Delaware
Item model number	675-PSD111
Date First Available	May 5, 2005

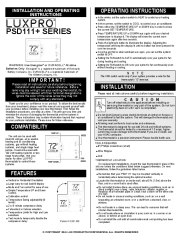
### WARRANTY AND SUPPORT

The Lux Pro PSD111B Thermostat comes with a **5-year limited warranty**, ensuring peace of mind regarding your purchase. For detailed warranty information, technical support, or to explore other LUX products, please visit the official LUX website or contact their customer service.

You can also visit the [LUX Store on Amazon](#) for additional resources and product information.

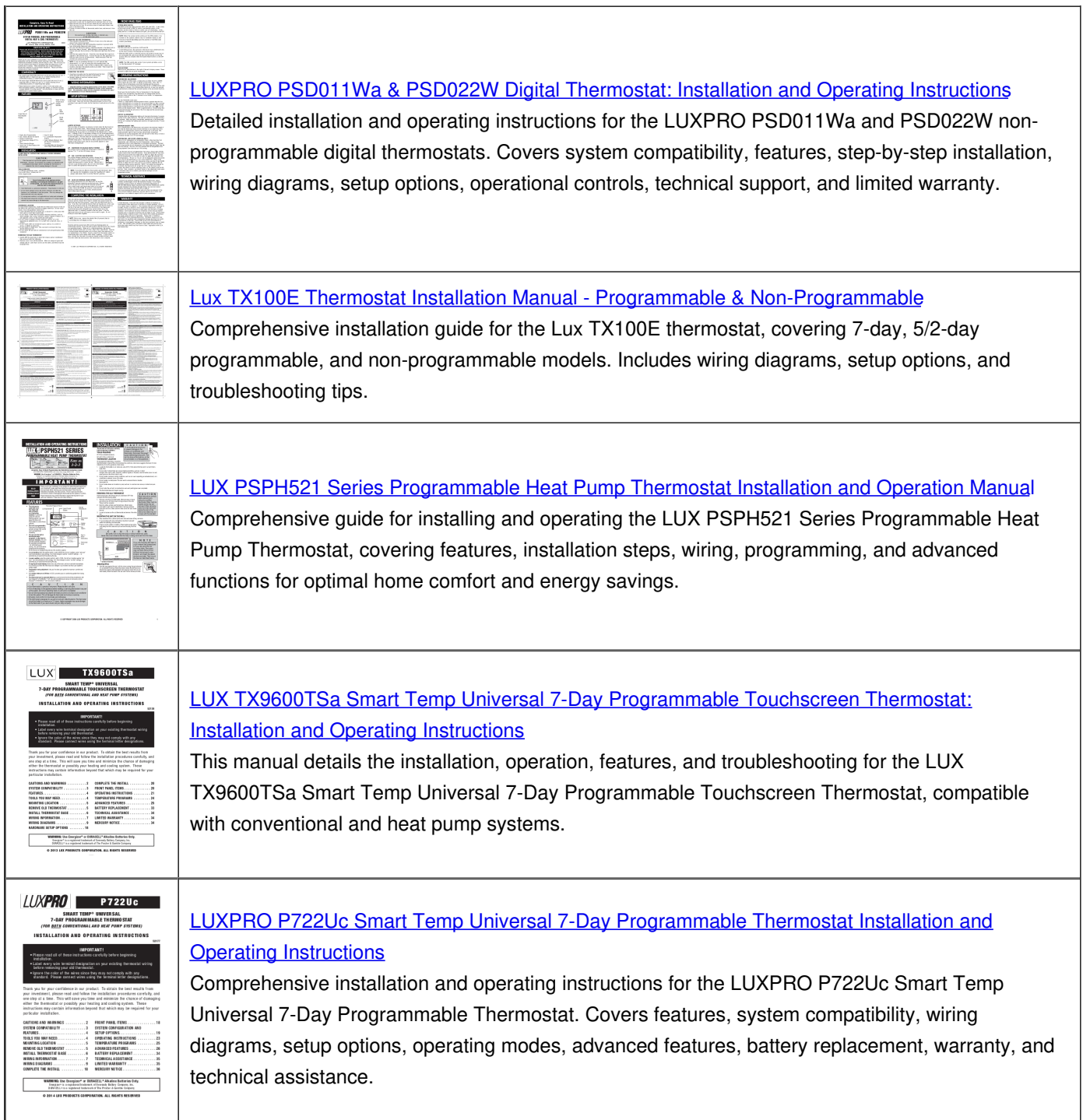
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### Related Documents - PSD111B



[LUXPRO PSD111+ SERIES Thermostat Installation and Operating Instructions](#)

Comprehensive installation and operating instructions for the LUXPRO PSD111+ SERIES digital thermostat. Learn about features, compatibility, wiring diagrams, jumper settings, menu navigation, maintenance, and warranty.



## Documents - LUX – PSD111B



[\[pdf\]](#) User Manual

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010 CLIMALIDERTermostato Luxpro No Programable Modelo PSD111 1H 1C 24V

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INSTRUCCIONES DE INSTALACION Y DE OPERACION Completas y fáciles de leer

SERIE PSD111 Termostato Electronico Digital MO HEAT OFF COOL Se instala

fcilmente Escoja entre calefaccion o enfriamiento Ajusta la temperatura Tan fcil como

123 LUX PRODUCTS CORPORATION Mt. Laurel, New Jersey 08054, USA A

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