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## ProSelect PSTSL11NP

# ProSelect SL11NP Digital Non-Programmable Thermostat

User Instruction Manual

## PRODUCT OVERVIEW

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The ProSelect SL11NP is a digital non-programmable thermostat designed for straightforward temperature control. It features a large 2 square inch backlit display for easy readability and adjustment. This thermostat is hardwired with a battery backup, ensuring continuous operation even during power outages. All settings are retained in permanent memory, preventing loss of configuration.

Key features include short cycle protection to safeguard your AC compressor, a low battery indicator, and a switchable Fahrenheit/Celsius display. It is compatible with both electric and gas fan systems, with a built-in toggle switch for selection.



This image displays the front of the ProSelect SL11NP thermostat, featuring its large backlit digital display. The display shows the current room temperature, the set temperature, and indicators for system and fan modes. Below the display are the system mode switch (COOL, OFF, HEAT) and the fan mode switch (AUTO, ON). To the right of the display are the up and down arrow buttons for temperature adjustment, and a 'RESET' button is located on the left.

## SETUP AND INSTALLATION

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This thermostat is designed for hardwired installation and includes a battery backup for reliable operation. Professional installation is recommended to ensure proper wiring and functionality.

### Initial Configuration

- **Fahrenheit/Celsius Switch:** Locate the Fahrenheit/Celsius switch, typically found on the back or inside the thermostat cover. Set it to your preferred temperature format (°F or °C) before mounting.
- **Fan System Compatibility:** The thermostat includes a built-in switch to toggle compatibility between electric and gas fan systems. Ensure this switch is set correctly for your HVAC system type.

## OPERATING INSTRUCTIONS

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### Display and Controls

- **Backlit Display:** The large 2 square inch display illuminates to show current room temperature and set temperature, making it easy to read in various lighting conditions.
- **Temperature Adjustment:** Use the **Up** and **Down** arrow buttons located on the right side of the thermostat to increase or decrease the desired set temperature.

- **System Mode Switch:** Below the display, slide the system switch to select your desired operating mode:
  - **COOL:** Activates the cooling system.
  - **OFF:** Turns off both heating and cooling systems.
  - **HEAT:** Activates the heating system.
- **Fan Mode Switch:** Below the display, slide the fan switch to select the fan operation:
  - **AUTO:** The fan runs only when the heating or cooling system is active.
  - **ON:** The fan runs continuously, regardless of heating or cooling system activity.
- **RESET Button:** A small recessed button labeled 'RESET' is located on the left side. Pressing this button will reset the thermostat to its factory default settings.

## Protective Features

- **Short Cycle Protection:** This feature prevents damage to your AC compressor by ensuring a minimum off-time between cooling cycles.
- **Low Battery Indicator:** The display will show an indicator when the battery needs to be changed, ensuring continuous operation of the thermostat's memory and display functions during power outages.

## MAINTENANCE

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- **Battery Replacement:** When the low battery indicator appears on the display, replace the backup batteries promptly. Refer to the installation guide for specific battery type and replacement procedure.
- **Cleaning:** To clean the thermostat, gently wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or internal components.

## TROUBLESHOOTING

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If you encounter issues with your ProSelect SL11NP thermostat, consider the following common solutions:

- **Display is Blank:**
  - Check if the thermostat is receiving power from the hardwired connection.
  - Ensure the backup batteries are correctly installed and not depleted. Replace if necessary.
- **Heating/Cooling Not Activating:**
  - Verify that the system mode switch is set to **HEAT** or **COOL**, not **OFF**.
  - Check that the set temperature is appropriate for activating the system (e.g., set temperature below room temperature for cooling, above for heating).
  - Ensure the fan mode is set to **AUTO** or **ON**.
  - Allow for short cycle protection delay if the system recently turned off.
- **Incorrect Temperature Reading:**
  - Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its temperature sensor.
  - Verify the Fahrenheit/Celsius switch is set to your desired unit.
- **Settings Lost After Power Outage:**
  - The thermostat is designed to retain settings in permanent memory. If settings are lost, ensure the backup

batteries are functional and properly installed.

If problems persist after attempting these steps, please contact customer support.

## SPECIFICATIONS

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Feature	Specification
Model Number	PSTSL11NP
Control Type	Electronic, Button Control
Display Size	2 Square Inches (Backlit)
Programmability	Non-Programmable
Stages	1 Heat / 1 Cool
Temperature Range	45°F (7°C) to 90°F (32°C)
Voltage	24 Volts
Amperage	3 Amps
Power Source	Corded Electric, Battery Powered
Special Features	Auto Changeover, Short Cycle Protection, Low Battery Indicator
Color	White
Product Dimensions (L x W x H)	3.51 x 11.99 x 9.19 cm (1-3/8" D x 4-23/32" W x 3-5/8" H)
Item Weight	270 g

## WARRANTY INFORMATION

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The ProSelect SL11NP Digital Non-Programmable Thermostat comes with a **5-year limited warranty** for the original owner. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the documentation included with your product or contact ProSelect customer support.

## CUSTOMER SUPPORT

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If you require further assistance, have questions about your thermostat, or need to report an issue, please contact ProSelect customer support. Have your model number (PSTSL11NP) and purchase information ready when contacting support.

For the most up-to-date contact information, please visit the official ProSelect website or refer to your product packaging.

