

**PSD011W  
1 STAGE HEAT / 1 STAGE COOL**

- **System Powered Only**
- **Large Illuminated Digital Display**
- **Attractive Slim Design**
- **Soft Touch Buttons**
- **Default Set Temps: 65F Heat / 78F Cool**
- **Fahrenheit/Celsius Switchable**
- **Adjustable Temperature Stops**
- **5 Minute Compressor Protection**
- **Easy Installation**
- **Optional Wall Plate Available**

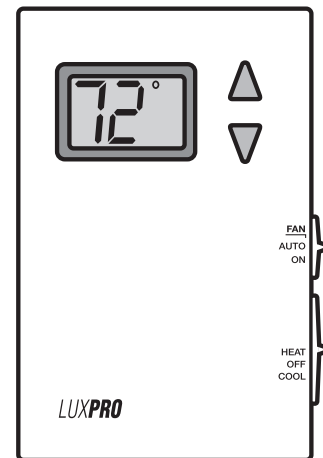
**Compatible With:**

- Most 24V Heating and A/C Systems
- 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems
- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)

**Not Compatible With:**

- Multi-stage Heat Pumps
- 3 Wire Hydronic Systems
- Line Voltage Systems (120 / 240 VAC)
- Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)

Terminals: RH, RC, C, W1, Y1, G, O/B

**PSD011B  
1 STAGE HEAT / 1 STAGE COOL**

- **Battery Powered Only**
- **Large Illuminated Digital Display**
- **Attractive Slim Design**
- **Soft Touch Buttons**
- **Default Set Temps: 65F Heat / 78F Cool**
- **Fahrenheit/Celsius Switchable**
- **Adjustable Temperature Stops**
- **5 Minute Compressor Protection**
- **Easy Installation**
- **Optional Wall Plate Available**

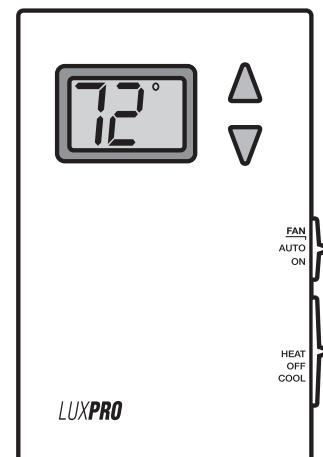
**Compatible With:**

- Most 24V Heating and A / C Systems
- 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems
- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)
- Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)

**Not Compatible With:**

- Multi-stage Heat Pumps
- 3 Wire Hydronic Systems
- Line Voltage Systems (120 / 240 VAC)

Terminals: RH, RC, W1, Y1, G, O/B





# PSD011W / PSD011B

## GENERAL DESCRIPTION:

3.25" (83mm) wide x 5.05" (128mm) tall x 1.10" (28mm) deep  
 Wall plate: 4.50" (114 mm) wide x 5.45" (138 mm) tall

Description: Digital thermostat with a large easy-to-read display with backlight.  
 Temperature control set from factory at a fixed value of +/- 0.5° F/C. **Available power options are: [W] System Powered Only version, or [B] Battery Powered Only version.**

## SPECIFICATIONS:

**Electrical Ratings:** 1½ AMPS at each terminal, 3 AMPS total 24 VAC.

PSD011W: System Powered Only

PSD011B: Battery Powered Only (2 "AA" Batteries).

**WARNING: Use Energizer® or DURACELL® Alkaline Batteries Only.**

Energizer® is a registered trademark of Eveready Battery Company, Inc. - DURACELL® is a registered trademark of The Gillette Company, Inc.

**Temperature Control Range:** 45°F to 90°F (7° to 32°C). Accuracy: ±1°F over a range of 45°F to 90°F.

### Environmental Limits:

Moisture and Dust: meets IP20.

Operating Humidity: 20% to 90% non-condensing.

Operating Temperature: +14°F to +122°F (-10°C to +50°C).

Storage Temperature: -4°F to +140°F (-20°C to +60°C).

Electrical Immunity: meets relevant CE specifications.



**LUX Products Corporation** 6000 I Commerce Parkway • Mt. Laurel, NJ 08054  
 (856) 234-7905 • FAX (856) 234-7825 • [www.luxproproducts.com](http://www.luxproproducts.com)

JOB NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ UNIT DESIGNATION: \_\_\_\_\_

ENGINEER: \_\_\_\_\_ MODEL NO.: \_\_\_\_\_

SUBMITTED FOR:  APPROVAL  RECORD LOCATION: \_\_\_\_\_