



5 AND 2 PROGRAMMING SEPARATE PROGRAMS FOR WEEKDAYS AND WEEKENDS

- **Heating and Cooling**
- **Preprogrammed**
- **Separate Programs for Heating and Cooling**
- **System or Battery Powered (2AA Batteries included)**
- **Separate Weekday and Weekend Programming**
- **Programmable Filter Timer with Filter Change Indicator**
- **5 Minute A/C Compressor Delay**
- **Large Liquid Crystal Display**
- **Temporary Temperature Override**
- **Manual Temperature Hold**
- **Easily Reprogrammed with LUX SpeedDial®**
- **Total Isolation Between System Power and Thermostat Capable**
- **Contractor Grade**
- **Battery Free Memory Storage**
- **Default Temperature Program**
- **Armchair Programmable**
- **3-Year Warranty**
- **EL (Electro-Luminescent) Backlight**
- **F/C Selectable**
- **12/24 Hour Clock Display**
- **Set Temperature Range 45°F to 90°F (7°C to 32°C)**
- **Adjustable Temperature Differential/Cycle Rate (.25 - 2.25°F)**
- **Filter Counter Can Be In Days Left or Percent (%) Left**
- **On Screen Low Battery Indicator**
- **Soft Touch Buttons**
- **4 Periods Per Day**
- **Keyboard Lockout**
- **Optional Decorative Wall Plate Available**

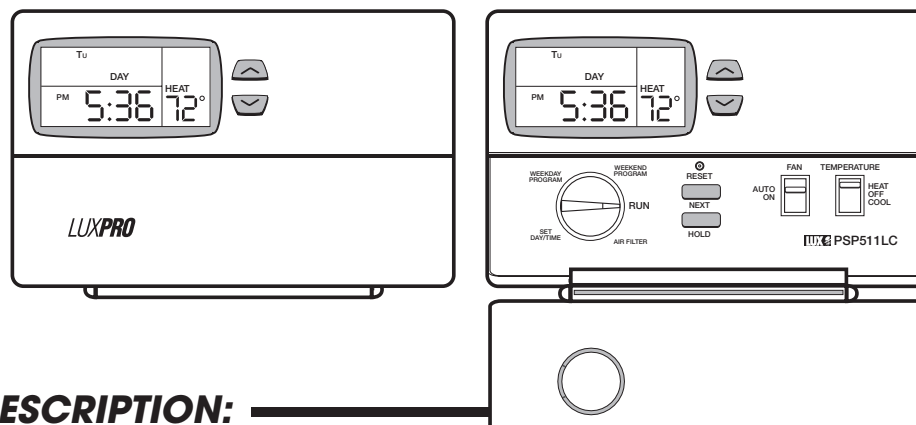
COMPATIBLE WITH:

- Most 24v Gas, Oil, Electric Heating and Air Conditioning Systems
- Single Stage Heat Pumps
- 2 Wire Hydronic Systems
- 2 Wire Hydronic Air Handlers

NOT COMPATIBLE WITH:

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

LUXPRO[®] PSP511LC



GENERAL DESCRIPTION:

4.9" (125mm) wide x 3.2" (80mm) tall x 1.3" (33mm) deep

Optional Wall Plate: 6.5" (165mm) wide x 4.75" (121mm) tall

Description: System or Battery Powered, Low Voltage Electronic Setback Heating and Cooling Thermostat with Lighted Display, Sealed Relay Contacts, Pre-programmed with Four Adjustable Heating and Four Adjustable Cooling Programs for Weekdays, and Four Adjustable Heating Programs and Four Adjustable Cooling Programs for Weekends.

SPECIFICATIONS:

Electrical Ratings: 1.5 AMPS at 24 VAC

Battery Powered: 2 "AA" Alkaline Batteries (included)

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 Differential: Adjustable from .25°F to 2.25°F.

Lighted Display: Celsius and 12/24 HR. Time Capable.

Accuracy: ±1°F over a range of 45°F to 90°F.

Temperature Control Range: 45°F to 90°F (7°C to 32°C).

Temperature Display Range: 23°F to 99°F (-5°C to 37°C).

Compatibilities: 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric or Single Stage Heat Pump Systems. 2 Wire Hydronic Systems and Hydronic Air Handling Systems.

Terminals: RH, RC, Y, W, G, C, O, B, Solid Pin Connections Allow usage for 24V and Millivolt Systems.

Program Settings: 4 Preset Programs Per Day Heating and Cooling. All may be Easily Reprogrammed in 1° F/C and 15 Minute Increments.

Technical Service Number Listed for Help in Reprogramming.

Circuit Protection: Circuit Protection is Built-in, No Isolation Relays Required

Compressor Protection: Built-in 5 Minute Time Delay

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 EMI/EMC specifications.

Packaging: Packaged in box - carton quantity = 10. Carton Specifications: Carton Size 8"H x 9"W x 12" Depth. Case Weight 6.70 lbs.

View Area: 50mm x 19.5mm



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JOB NAME: _____

DATE: _____

CONTRACTOR: _____

UNIT DESIGNATION: _____

ENGINEER: _____

MODEL NO.: _____

SUBMITTED FOR: APPROVAL RECORD

LOCATION: _____