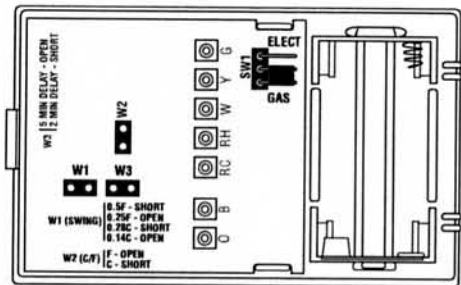
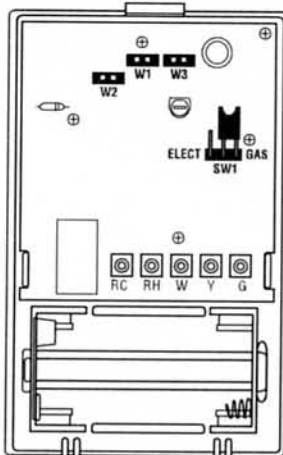


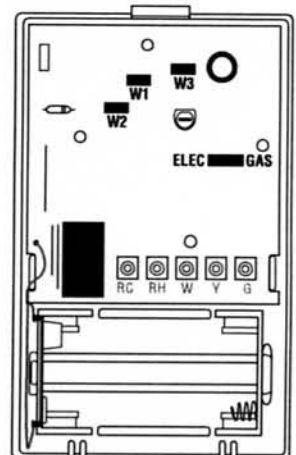
LUXPRO[®] PSD100/150/158



PSD100



PSD150



PSD158

GENERAL DESCRIPTION:

PSD100: 4½" (115mm) wide x 2¾" (70mm) tall x 1¼" (32mm) deep

PSD150/158: 2¾" (70mm) wide x 4½" (115mm) tall x 1¼" (32mm) deep

Optional Wall Plate: Universal decorative wall plate is available. Part# WPD1101,

PSD100: 5" wide x 4¾" tall x ½" thick. PSD150/158: 4¾" wide x 5" tall x ½" thick

Description: Battery powered digital thermostat with a large easy-to-read display.

Temperature control adjustable from factory set at ± ½° F/C.

Adjustable to ± ¼° F/C. 5 min. on/off adjustment.

SPECIFICATIONS:

Electrical Ratings: 1½ AMPS at 24v AC. System or Battery Powered: 2 "AA" Batteries (included).

Temperature Control Range: 45°F to 90°F (7° to 32°). Accuracy: ±1°F over a range of 50°F to 95°F.

Compatibilities: 2-5 Wire Forced Air Systems. Single Stage HP Systems (Except PSD158). 2 Wire Zone Hydronic Systems and Hydronic Air Handling Systems.

PSD100/150 Terminals: G, Y, W, RH, RC, B, O. PSD158 Terminals: G, Y, W, RH, RC
Solid Pin Connectors Allow Usage with both 24V and Millivolt Equipment.

Environmental Limits:

Moisture and Dust: meets IP20.

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

Operating Temperature: +32°F to +95°F (+0°C to +35°C).

Storage Temperature: -4°F to +130°F (-20°C to +54°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

JOB NAME: _____ DATE: _____

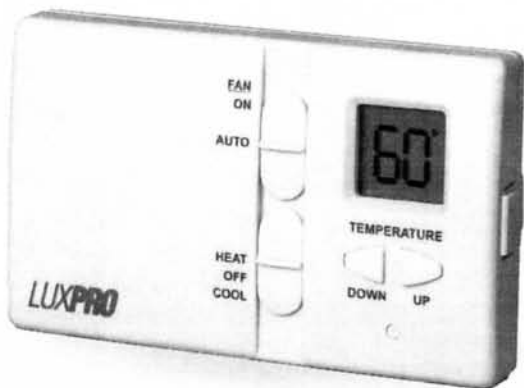
CONTRACTOR: _____ UNIT DESIGNATION: _____

ENGINEER: _____ MODEL NO.: _____

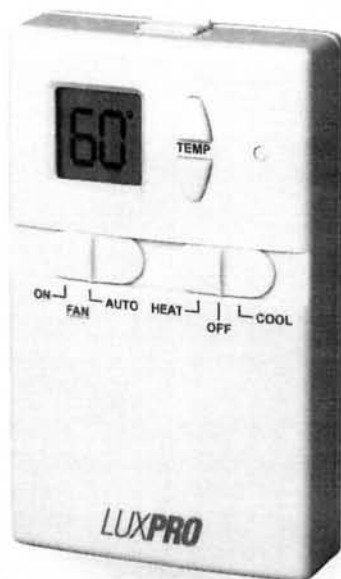
SUBMITTED FOR: APPROVAL RECORD LOCATION: _____

LUXPRO®

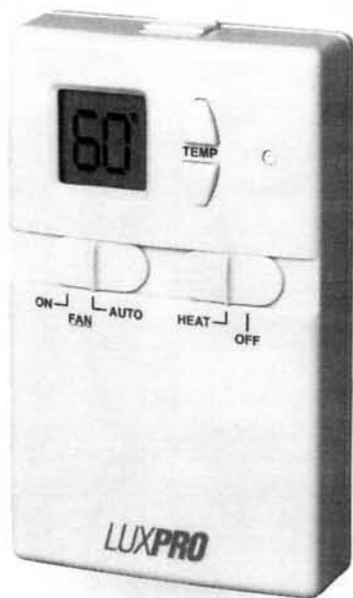
PSD100/150/158



PSD100



PSD150



**PSD158
HEATING ONLY**

PSD100/150/158 DIGITAL NON-PROGRAMMABLE THERMOSTAT

- **Electronic Accuracy**
- **Non-Programmable**
- **Large, Easy-To-Read Digital Display**
- **Temperature Swing Adjustment to as close as + or - 1/4° F/C**
- **Universal Replacement**
- **Low Battery Indicator**
- **Optional Decorative Wall Plate**
- **5 Minute Compressor Delay**
- **5 Minute Minimum On/Off Time with a 2 Minute Option**
- **"B" and "O" TERMINALS FOR SINGLE STAGE HEAT PUMP (PSD100 & PSD150 ONLY)**

COMPATIBLE WITH:

- Most 24v Gas, Oil, Electric Heating and Air Conditioning Systems
- 2 Wire Hydronic Systems
- Millivolt Systems
- Hydronic Air Handlers
- Single Stage Heat Pumps (PSD100 & PSD150 ONLY)

NOT COMPATIBLE WITH:

- 3 Wire Hydronic Systems
- Multi-Stage Gas or Oil Furnaces
- Line Voltage Systems

LUX PRODUCTS CORPORATION

6000 I Commerce Parkway • Mt. Laurel, NJ 08054 • (856) 234-7905 • FAX (856) 234-7825 • www.luxproproducts.com