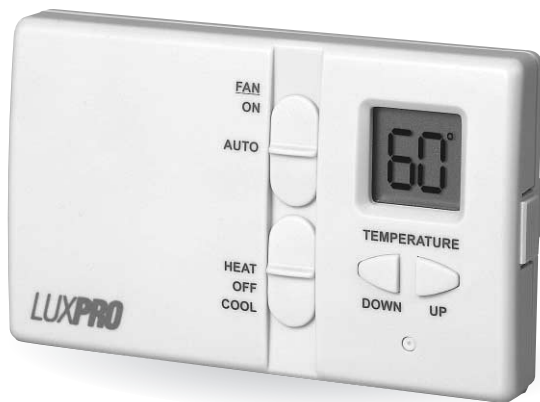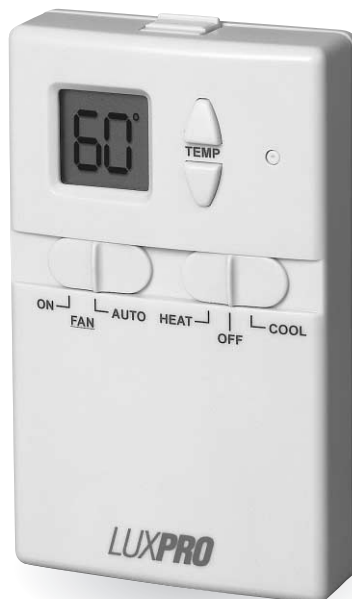# LUX*PRO*® PSD100/150/158

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 - ¼° 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
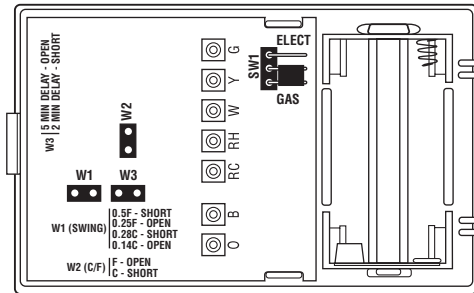- Single Stage Heat Pumps (PSD100 & PSD150 ONLY)

NOT COMPATIBLE WITH:
- 3 Wire Hydronic Systems
- Multi-Stage Gas or Oil Furnaces
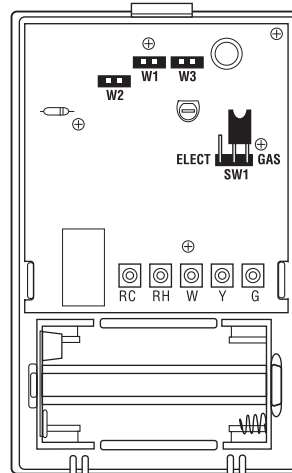- Line Voltage Systems

LUX❄PRODUCTS CORPORATION

LUX**PRO**® 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# WPDM1101,
PSD100: 5" wide x 4¾" tall x ⅛" thick. PSD150/158: 4¾" wide x 5" tall x ⅛" 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* **LUX Products Corporation** 6000 I Commerce Parkway • Mt. Laurel, NJ 08054
(856) 234-7905 • FAX (856) 234-7825 • www.luxproproducts.com

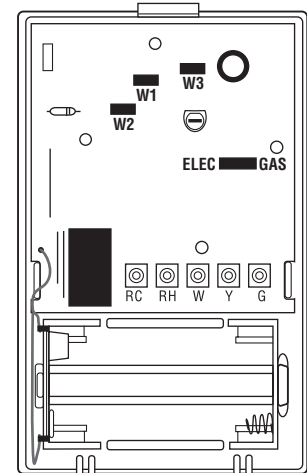JOB NAME: _____   DATE: _____

CONTRACTOR: _____   UNIT DESIGNATION: _____

ENGINEER: _____   MODEL NO.: _____

SUBMITTED FOR: ❑ APPROVAL   ❑ RECORD   LOCATION: _____