

HEAT PUMP KITS AND ACCESSORIES

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CONTROL REPLACEMENT KIT

Installation Instructions for Communicating Outdoor Control Replacement Kit (28C08) 107626-03



7-SEGMENT DISPLAY
PUSH BUTTON

NOTE - The green LED located on the outdoor control flashes when communication occurs between the outdoor control and either the thermostat or the inverter.

For additional information concerning terminals, seven-segment display and jumper settings, refer to either the unit installation instruction or service manual.

WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent or service agency.

WARNING



Electric Shock Hazard. Can cause injury or death. Unit must be properly grounded in accordance with national and local codes.

Line voltage is present at all components when unit is not in operation on units with single-pole contactors. Disconnect all remote electric power supplies before opening access panel. Unit may have multiple power supplies.

Shipping and Packing List

Package 1 of 1 contains:

1 – Communicating outdoor control (part # 107626-03)

Application

This kit can be field applied to models that use any 107626 series communicating outdoor control.

Installation and Configuration

- 1 - Disconnect all power to system (indoor and outdoor units).
- 2 - **S40:** Remove R, i+, i-, and C terminal connections at the Smart Hub. **S40:** Remove the existing communicating thermostat from the wall base.
- 3 - Tag location of wires attached to the existing control and use wiring diagram on access panel of outdoor unit for reference if necessary.
- 4 - Remove existing outdoor control.
- 5 - Install new outdoor control in the same location as original outdoor control.
- 6 - Reconnect wires to same terminals as original outdoor control.
- 7 - **S40:** With terminal connections still removed, turn on main power to indoor unit. **S40:** With communicating thermostat still removed from the wall base, turn main power onto indoor unit.
- 8 - Program the new outdoor control using the flow chart on figure 1 as reference.
- 9 - Turn main power ON to outdoor unit.
- 10 - Turn main power OFF to indoor unit.
- 11 - **S40:** Reconnect R, i+, i-, C terminals. **S40:** Remount room thermostat onto wall base.
- 12 - Turn main power ON to indoor unit.
- 13 - Once power is restored, use the procedure outline in figure 1 to configure the the communicating outdoor control.

TABLE 1. Unit Selection Codes

Unit Code	Model	Size and Type
88	SL25KCV-024	2-Ton Air Conditioner
89	SL25KCV-036	3-Ton Air Conditioner
90	SL25KCV-048	4-Ton Air Conditioner
91	SL25KCV-060	5-Ton Air Conditioner

Configuring Unit

When installing a replacement outdoor control, the unit selection code may have to be manually assigned using the 7-segment display and pushbutton on the control. The unit code sets unit type, capacity and outdoor fan RPM.

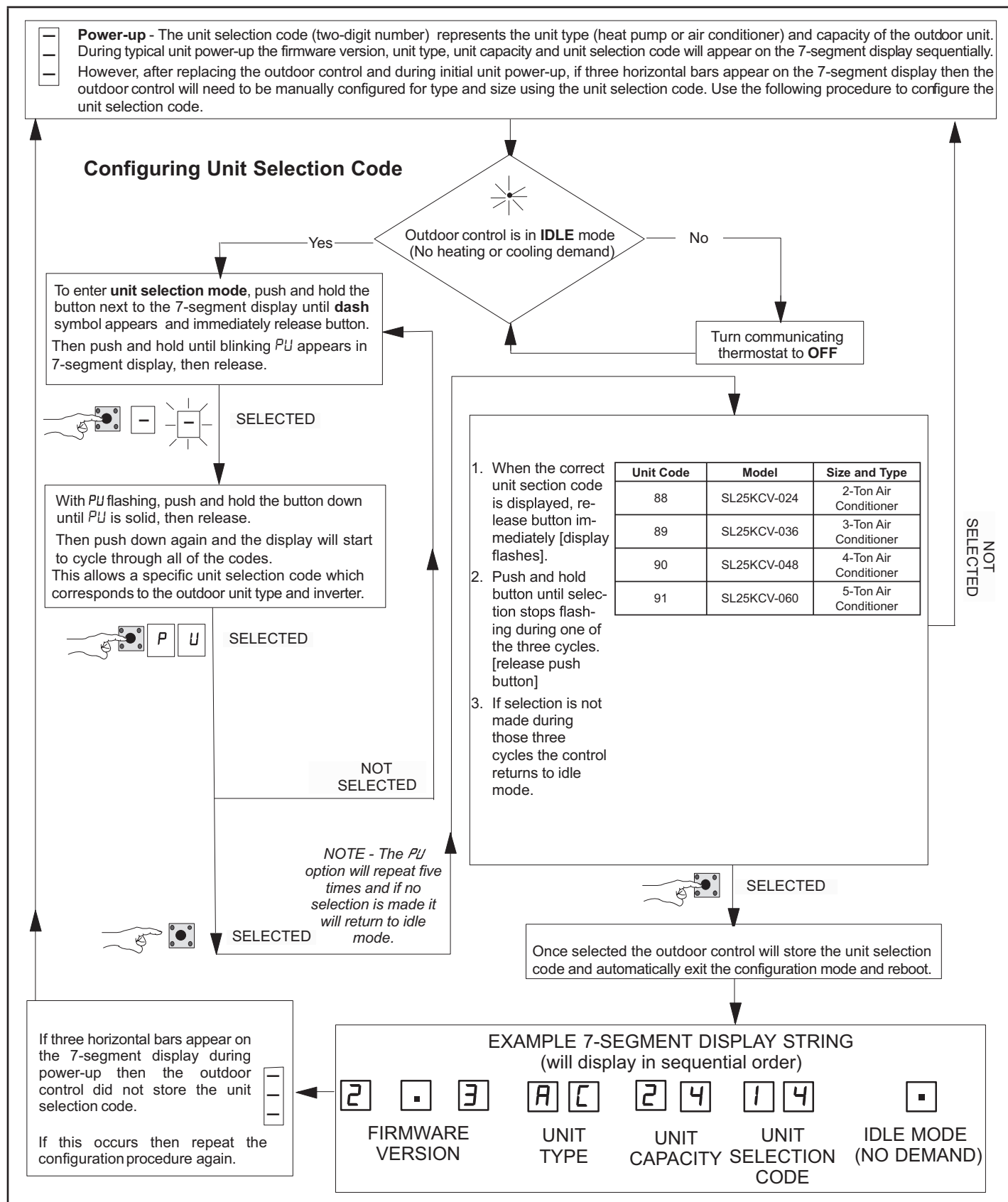


FIGURE 1. Configuring Unit Selection Code