

SUBBASE-265V-15A
SUBBASE-265V-20A
SUBBASE-265V-30A

265v Electrical Subbase Accessory
for use with Packaged Terminal Air Conditioner
or Heat Pump


Installation Instructions

NOTE: Read and become familiar with these instructions before beginning installation.

SAFETY CONSIDERATIONS

Installing and servicing air-conditioning equipment can be hazardous due to system pressures and electrical components. Only trained and qualified personnel should install or service air-conditioning equipment. When working on air-conditioning equipment, observe the precautions provided in literature, tags, and labels attached to the unit.

Follow all safety codes. Wear safety glasses, protective clothing, and work gloves. Use quenching cloth for brazing operations. Have fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes and National Electrical Code (NEC) for special requirements.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand these signal words: DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies hazards which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

WARNING

ELECTRICAL SHOCK HAZARD AND/OR UNIT OPERATION AND DAMAGE HAZARD

Failure to follow this warning could result in personal injury or death and/or unit operation and damage.

- Follow the National Electrical Code (NEC) or local codes and ordinances.
- For personal safety, this unit **MUST BE** properly grounded.
- Protective devices (fuses or circuit breakers) acceptable for unit installations are specified on the nameplate of each unit.
- **DO NOT** use an extension cord with this unit.
- Aluminum building wiring may present special problems. Consult a qualified electrician for assistance.

When unit is in STOP position, there is still voltage to electrical controls.

INTRODUCTION

These instructions cover the installation of the 265v Electrical Subbase Accessory. The 265v Electrical Subbase Accessory package consists of the electrical subbase, 2 adjustable side extension panels, power cord cover, and 4 attachment screws.

Table 1—Package Contents

ITEM	QUANTITY
Electrical Subbase	1
Adjustable Side Extension Panels	2
Power Cord Cover	1
Attachment Screws (black)	4

GENERAL

The 265v Electrical Subbase Accessory must be used whenever the packaged terminal air conditioner or heat pump is installed in a wall less than 2 in. (50.8 mm) thick, or where wall sleeve extends 4 in. (101.6 mm) or more into room, or for additional support or leveling of air conditioner or heat pump. Wall sleeve must be 3-1/4 in. (82.6 mm) minimum into room and 3-1/4 in. (82.6 mm) minimum to 5-1/2 in. (139.7 mm) maximum above floor.

The electrical subbase has a factory-installed electrical junction box containing a receptacle for corded packaged terminal air conditioner (PTAC) units. Knockouts are provided for power source connections.

INSTALLATION

IMPORTANT: Refer to chassis nameplate for power source requirements.

Building power source wiring can enter subbase through any conduit knockout hole in bottom of subbase or through the knockouts in the electrical junction box walls.

All wiring must comply with local electrical codes and National Electrical Code (NEC).

NOTE: The factory-installed receptacle must match the chassis plug. Refer to PTAC Owner's Manual to choose the correct subbase.

Step 1 —Disconnect all power to unit and remove front panel.

Step 2 —Prepare wall sleeve. Drill one 1/8 in. (3.18 mm) hole on each side of wall sleeve. If installing plastic sleeve, use locator dimple on outside of sleeve. Drilling can be done through the plastic from inside if desired. See Fig. 1.

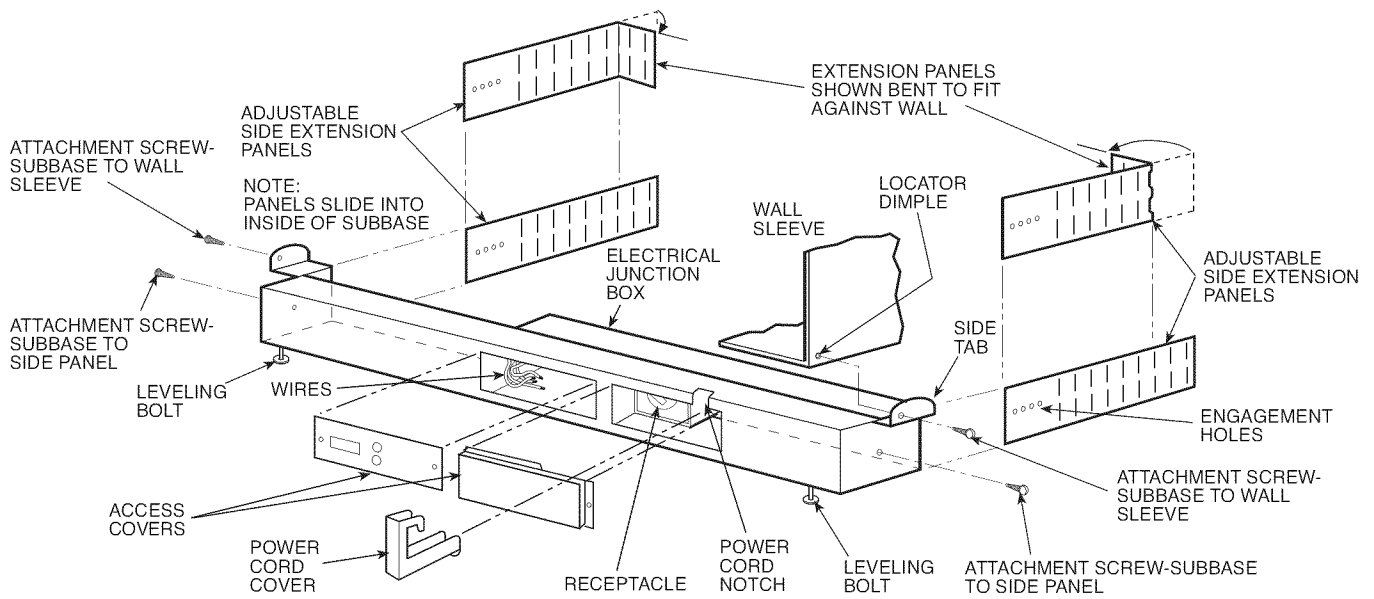


Fig. 1 – Electrical Subbase Assembly

A08513

NOTE: If installing metal sleeve, mark location of holes on sleeve then drill 1/8-in.(3.2 mm) holes. See Fig. 2 for hole dimensions on metal sleeve.

Step 3 —(Optional) Adjustable Side Extension Panels can be attached to cover open space left between subbase and wall. Determine the distance from inside wall to front of wall sleeve. See Fig. 3, dimension X.

Step 4 —Attach Side Extension Panels to subbase using one black screw on each side so that panel end extends dimension X plus 2 in. (50.8 mm) from front of subbase. To adjust side panel, simply bend panel at slot position. See Fig. 1 and 3.

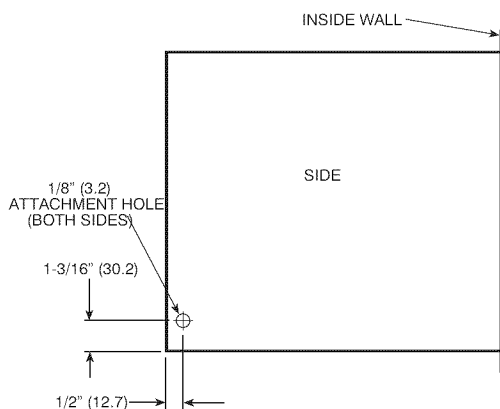
NOTE: Use engagement holes for more exact fit to wall. See Fig. 1.

Step 5 —Bring power into the subbase electrical junction box using one of the knockouts for conduit connections. See Fig. 4.

Step 6 —Take larger, left access cover off and use field supplied wire nuts to connect power to receptacle wires. Replace cover. See Fig. 4 and 5.

Step 7 —Attach subbase to wall sleeve. Subbase has side tabs for mounting the subbase to the sleeve. Be sure hole on side tab is lined up with pre-drilled locator hole on side of sleeve. Once holes are aligned, attach subbase to sleeve with one (1) black screw on each side. Do not over tighten. See Fig. 1 and 4.

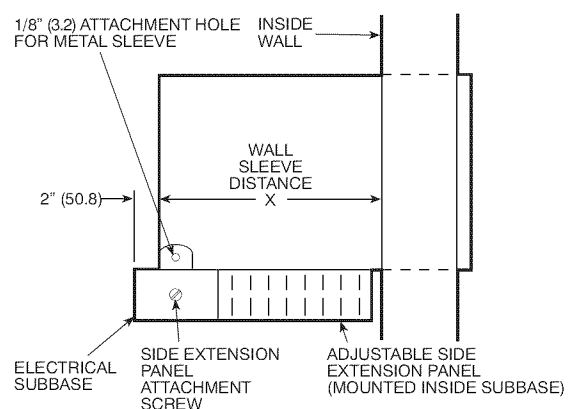
Step 8 —Level subbase flush with floor by adjusting leveling bolts beneath each end of subbase.



NOTE: Numbers in () are in mm

Fig. 2 – Metal Wall Sleeve

A08498



NOTE: Numbers in () are in mm

Fig. 3 – Optional Adjustable Side Extension Panels with Electrical Subbase

A08499

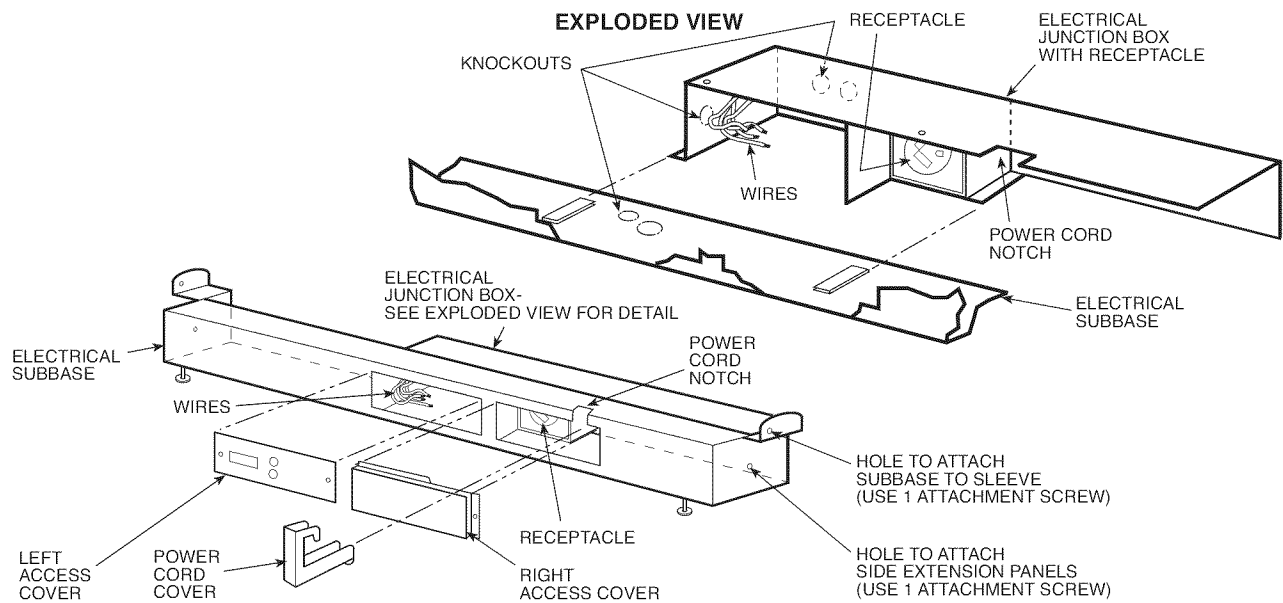


Fig. 4 – Electrical Subbase - Exploded View

A08514

IMPORTANT: Be sure unit is installed before proceeding to next step.

Step 9 —Remove the smaller right access cover from the subbase and plug the power cord into the receptacle.

NOTE: Cord should be routed out through the rectangular cord notch located on top-front of subbase. **DO NOT** remove the U-shaped knockout on receptacle access cover. See Fig. 1 and 4.

Step 10 — Install metal power cord cover (required by UL [Underwriters' Laboratories] and NEC) by hooking the cord cover

onto the unit basepan, ensuring power cord is completely covered by power cord cover. See Fig. 6.

Step 11 —Make sure power cord cover is lined up so that power cord will pass through the rectangular power cord notch.

Step 12 — Attach receptacle access cover to subbase with 2 black screws provided, capturing end of power cord cover. See Fig. 4. See Fig. 7 for completed assembly.

Step 13 — Replace front panel and restore power to unit.

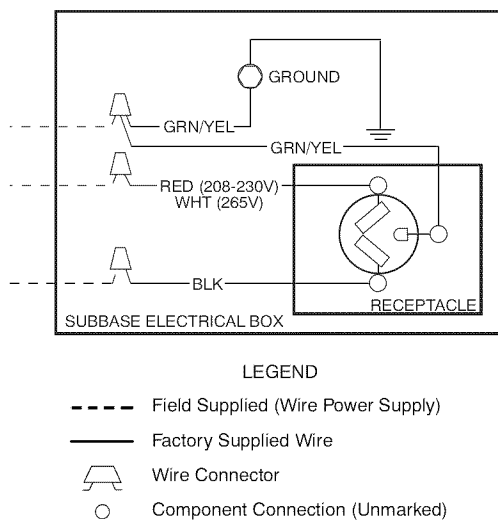


Fig. 5 – Electrical Subbase Wiring Diagram

A08510

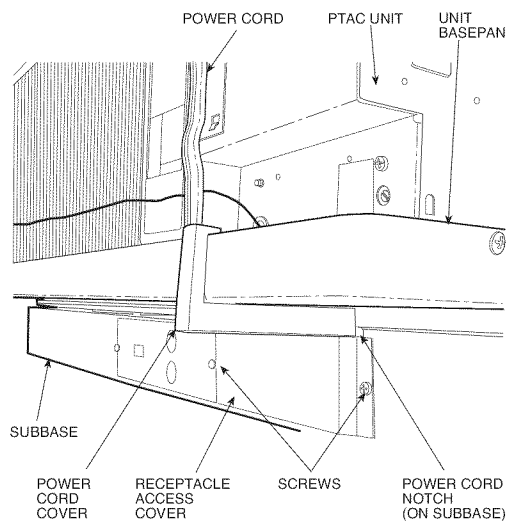
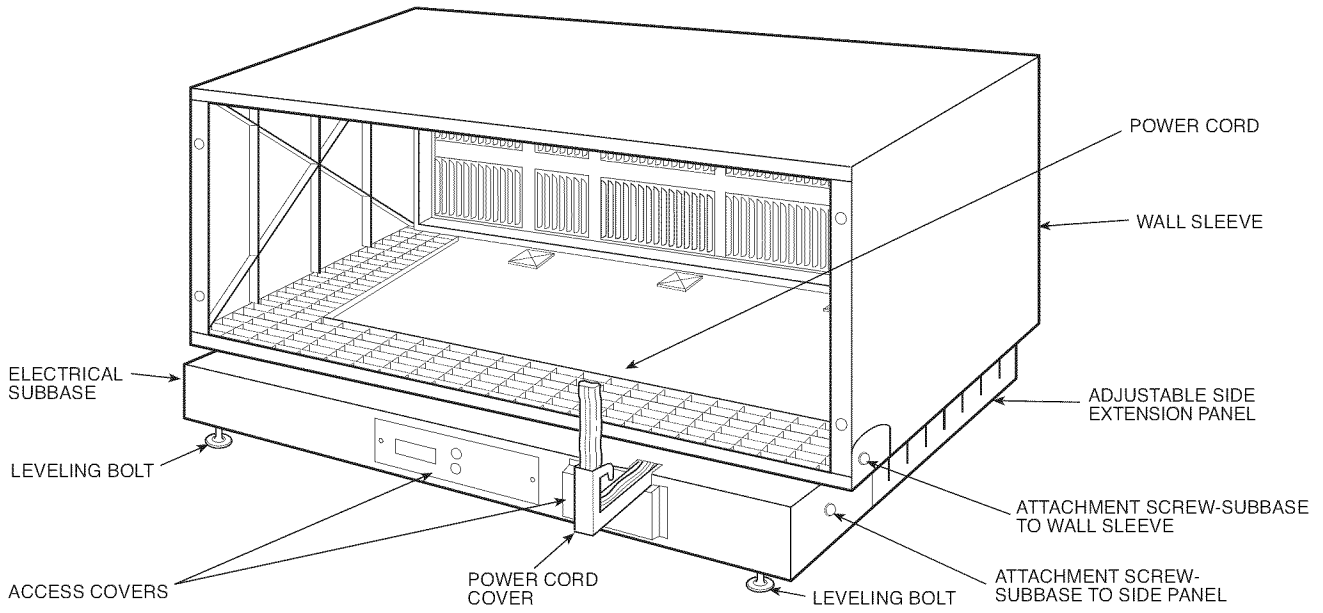


Fig. 6 – Location of Power Cord Cover on Basepan

A08511



A08512

Fig. 7 – Electrical Subbase Assembly Attached to Wall Sleeve with Installed Power Cord Cover