Installation instructions for your new

RAK5157, RAK5207, RAK5307

Power Supply Kit for Direct Connection

Before you begin – Read these instructions completely and carefully.
IMPORTANT – OBSERVE ALL GOVERNING CODES AND ORDINANCES.
Note to Installer – Be sure to leave these instructions with the Consumer.
Note to Consumer – Keep these instructions with your Owner's Manual for future reference.

TOOLS NEEDED

- Wire cutter
- Adjustable wrench
- Phillips head screwdriver

⚠ CAUTION: Disconnect the electrical power supply before wiring connections.

FOR 265 VOLT DIRECT CONNECT APPLICATIONS ONLY

IMPORTANT: Connection of a 265V AC product to a branch circuit ***MUST*** be done by direct connection in accordance with the National Electrical Code. Plugging this unit into a building-mounted exposed receptacle is not permitted by code.

These models must be installed using the appropriate GE power supply kit for the branch circuit amperage and the electrical resistance heater wattage desired. See the POWER CONNECTION CHART to confirm the appropriate kit.

POWER CONNECTION CHART

GE 265 Volt Power Supply Kit	Circuit Protective Device	Heater Wattage @ 265 Volts
RAK5157	15-Amp Time-Delay Fuse or Breaker	2.55 KW
RAK5207	20-Amp Time-Delay Fuse or Breaker	3.45 KW
RAK5307	30-Amp Time-Delay Fuse or Breaker	5.00 KW

It is the responsibility of the installer to ensure the connection of components is done in accordance with electrical codes.

Direct connection to branch circuit wiring inside the provided junction box must be made by connecting as follows.

IMPORTANT NOTES

- This kit is for use with 265 Volt 7500 Series GE Zoneline Vertical Packaged Terminal Air Conditioner units only.
- This unit must be properly grounded.
- The electrical rating marked on the installed Zoneline and power supply kit must be the same as the supply branch circuit.
- Aluminum building wiring may present special problems—consult a qualified electrician.
- All wiring, including installation of the receptacle, must be in accordance with the NEC and local codes, ordinances and regulations.
- This power supply kit provides for connection of 1/2″ trade size electrical conduit and provision for connection to a wiring system in accordance with the National Electrical Code. ANSI/NFPA No. 70-1996 or latest edition.
- Use ONLY the wiring size recommended for single outlet branch circuit.
- Proper current protection is the responsibility of the owner.

Recommended branch circuit wire sizes*	
Nameplate maximum circuit breaker size	**AWG wire size****
15A	14
20A	12
30A	10

AWG—American Wire Gauge
* Single circuit breaker from main box
** Based on copper wire, single-insulated conductor at 60°C

NOTE: Use copper conductors only.

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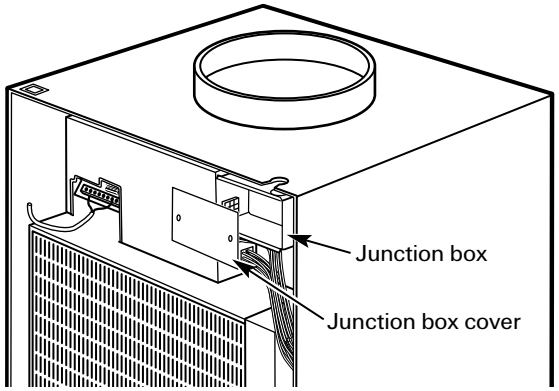
1. REMOVE THE FRONT PANEL

Remove the front case panel by removing the filter, taking out the 4 front screws, the upper 2 screws from the top of the panel and the shipping screws on each side, if present. (Discard the 2 side shipping screws, if present.)

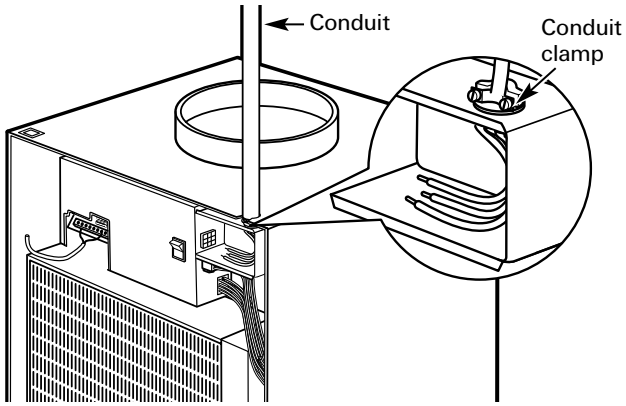
2. REMOVE JUNCTION BOX COVER

Remove the junction box cover by taking out the front 2 screws.



3. ATTACH CONDUIT

Use the round knockout hole at the top of the junction box to install conduit coming from the branch circuit. Install and clamp the conduit through the conduit clamp and bring wire leads into the junction box. Leave 8″ of wire free from the end of the conduit.



4. MAKE WIRE LEAD CONNECTIONS INSIDE THE JUNCTION BOX

1. Make all wire connections by using appropriate UL-listed electrical connectors and techniques.
2. Connect the white and black leads of the Zoneline power supply kit to the branch circuit Neutral and L1 leads. (The white lead of the power supply kit should be connected to neutral.) Connect the green lead of the power supply kit to the power supply and branch circuit ground.
3. Be sure that all wire leads are inside the junction box and not pinched between the box and the unit. The green insulated ground wire from the Zoneline ***MUST*** be connected to the branch circuit ground wire.
4. Plug the 9-pin connector into the 9-pin receptacle in the junction box.
5. Replace the junction box cover by replacing the 2 screws removed earlier.
6. Replace the case front panel by replacing the 4 front screws and the 2 top screws. Replace the filter.