

ROOM AIR RELAY SERVICE KIT RSKC0003

INSTALLATION INSTRUCTIONS

For Models ME09A3PB235, ME12A3PB235, ME18A3PB335

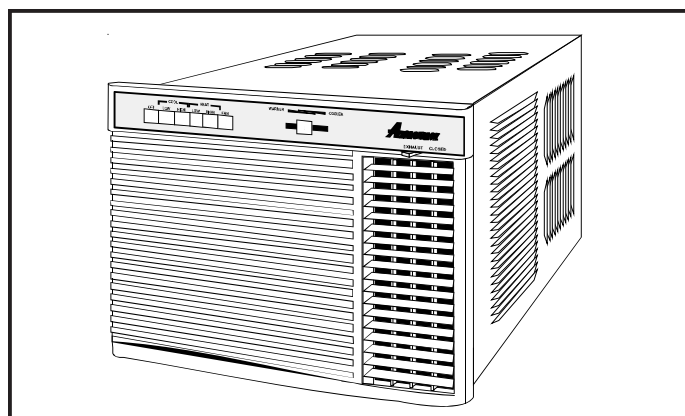
Description

Relay kit installation procedures and specific kit characteristics are described in detail in these instructions. Read and follow these instructions carefully before replacing the relay. Failure to do so may result in relay damage. It is important that all the components shipped with this kit be used.



WARNING

TO AVOID DEATH, PERSONAL INJURY OR PROPERTY DAMAGE DUE TO ELECTRICAL SHOCK, DISCONNECT THE ELECTRICAL POWER SUPPLY BEFORE INSTALLING OR SERVICING THIS UNIT.



Kit Components

Quantity	Part #	Description
1	0130K00002A	Relay
2	M0216529	Screws to mount relay
1	0159M00003A	Black Wire 44/Piggy-Back Terminal
1	0159M00001A	White Wire 35/Piggy-Back Terminal
1	0159M00002A	White Wire 36
1	0159M00004A	Brown Wire 34
1	0140C00002A	Wiring Diagram

Installation Procedure

1. Disconnect power to the unit by unplugging the power cord at the wall outlet or disconnect power at the fuse box or circuit breaker.
2. Slide intake air grill to the left and remove grill and filter.
3. Unscrew the four mounting screws to remove the front assembly,
4. Remove base pan security clip (1 screw).
5. Slide chassis out of the sleeve for servicing.
6. Remove the control box cover screws (5 or 6 screws depending upon model).
7. Gently pull the thermostat button off the shaft.

ATTENTION INSTALLING PERSONNEL

As a professional installer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

8. Lift the catches over the metal flanges (3 on top and 2 on the bottom) of the control box to remove the plastic control escutcheon. Take care not to break catches.
9. Drill two holes with a 1/8" drill bit in the partition panel to mount the relay (Figure 1). Measure 2 3/8" to the right of the right indoor thermostat mounting screw. Mark the first hole for drilling. Measure 4 3/4" to the right of the right indoor thermostat mounting screw. Mark the second hole for drilling. *The two holes should be 2 3/8" apart.*

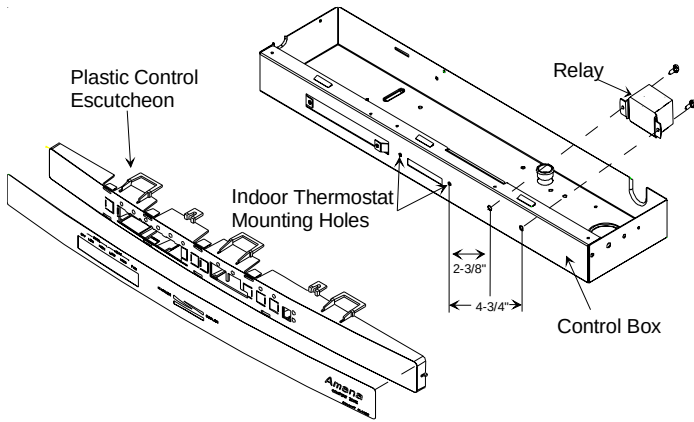


Figure 1

10. Mount the relay (kit supplied) on the partition panel using the 2 screws (also supplied in the kit) in the control box using screw holes from step 9.

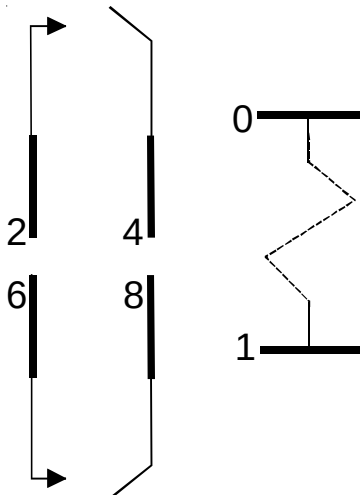


Figure 2

11. Disconnect Brown 33 heater wire from the Mode Switch and connect to terminal **2** on the relay (Figure 2). See the new wiring diagram (kit supplied) for details.

12. Disconnect Brown 32 heater wire from the capacitor and connect to terminal **6** on the relay.
13. Connect the White 35 wire (kit supplied) to terminal **1** on the relay using the piggy-back terminal connection. Wire the other end of White 35 to the **COM** terminal on the capacitor.
14. Connect one end of the White 36 wire (kit supplied) to the piggy-back terminal on the White 35 wire at terminal **1** on the relay. The other end of White 36 wire should be connected to terminal **8** on the relay.
15. Disconnect White 42 wire from terminal **2** on the indoor thermostat. Connect the White 42 wire onto the piggy-back connection of Black 44 wire (kit supplied) and place both on terminal **2** of the indoor thermostat. The other end of Black 44 should be connected to terminal **4** on the relay.
16. Connect one end of the Brown 34 wire (kit supplied) to the **HT** Mode Switch terminal on the outdoor thermostat and connect the other end to terminal **0** on the relay.
17. Replace the control escutcheon from step 8 by snapping the catches over the flanges.
18. Using the screws removed in step 6, replace the control cover.
19. Place the new wiring diagram over the previous diagram for future reference.
20. Slide the room air chassis back into the sleeve and replace screws, clip, front, filter and grill removed in steps 2 - 4.

Wiring Diagram

