

PTAC POWER DOOR KIT INSTALLATION INSTRUCTIONS



WARNING

ONLY PERSONNEL THAT HAVE BEEN TRAINED TO INSTALL, ADJUST, SERVICE, MAINTENANCE OR REPAIR (HEREINAFTER, "SERVICE") THE EQUIPMENT SPECIFIED IN THIS MANUAL SHOULD SERVICE THE EQUIPMENT. THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU SERVICE THIS UNIT, YOU ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE WHICH MAY RESULT. IN ADDITION, IN JURISDICTIONS THAT REQUIRE ONE OR MORE LICENSES TO SERVICE THE EQUIPMENT SPECIFIED IN THIS MANUAL, ONLY LICENSED PERSONNEL SHOULD SERVICE THE EQUIPMENT. IMPROPER INSTALLATION, ADJUSTMENT, SERVICING, MAINTENANCE OR REPAIR OF THE EQUIPMENT SPECIFIED IN THIS MANUAL, OR ATTEMPTING TO INSTALL, ADJUST, SERVICE OR REPAIR THE EQUIPMENT SPECIFIED IN THIS MANUAL WITHOUT PROPER TRAINING MAY RESULT IN PRODUCT DAMAGE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



WARNING

DO NOT BYPASS SAFETY DEVICES



WARNING

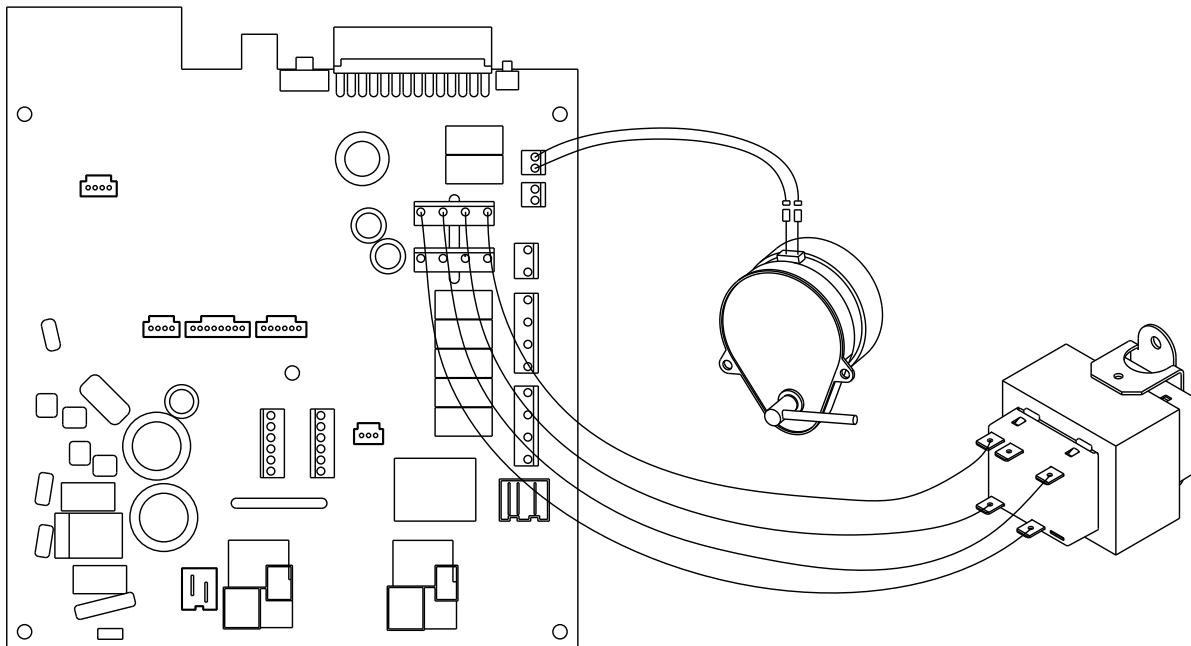
HIGH VOLTAGE

DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



DESCRIPTION

Power Door Kit automatically opens and closes the vent door depending on fan operation - opens when indoor fan is operating, closes when fan is not operating.



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PREPARATION

1. Disconnect power to the unit by unplugging the power cord at the wall outlet or subbase, or disconnect power at the fuse box or circuit breaker.
2. If the cabinet front is screwed to the chassis, remove the 1/4" screw.
3. Remove cabinet front from chassis by tilting the bottom of the front forward, lifting slightly up and forward.
4. Remove the PTAC chassis from the wallsleeve. Position the chassis so the back can be easily accessed.

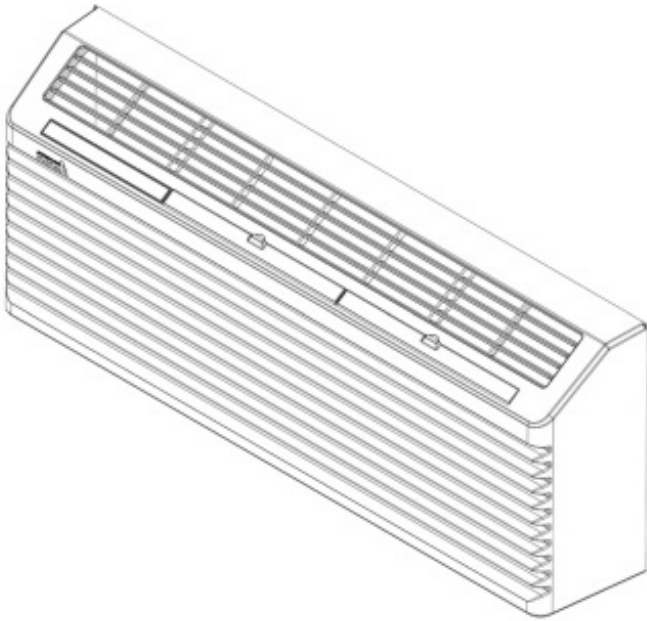


Figure 1

POWER DOOR KIT INSTALLATION

1. Remove the shipping screw (if installed) from the vent door.

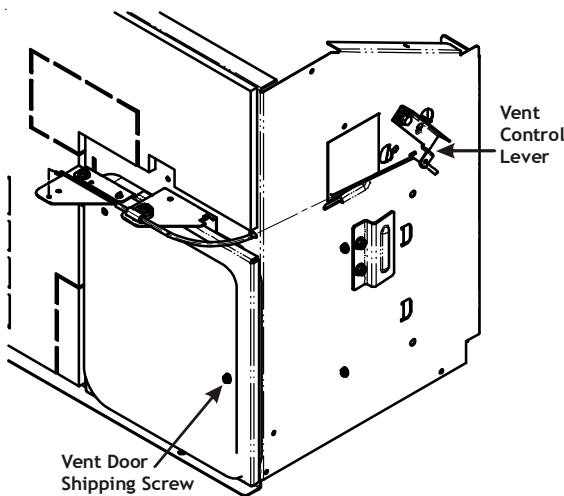


Figure 2

2. Open the vent door with the vent door lever located on the left side of the chassis. (Figure 2).

3. Remove the cable clamp from the vent door cable by removing the screw holding the clamp to the bracket and discard the clamp.
4. Disconnect the cable from the vent door by partially closing the vent door and slightly bending the end of the cable while pulling the Z-shaped end out of the hole in the top of the door (Figure 3).

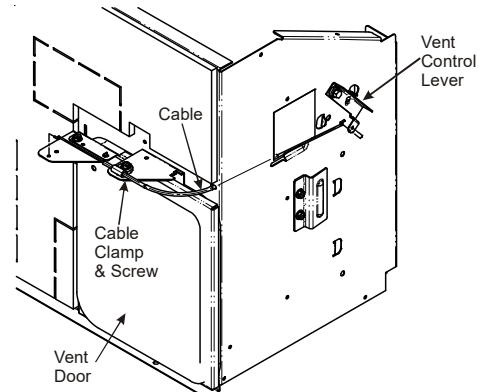


Figure 3

5. Remove 2 door brackets (Figure 4).

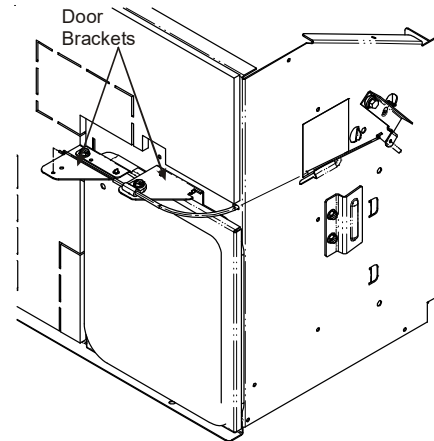


Figure 4

6. Remove the vent door from the slots in the partition panel by lifting the vent door up and carefully pull the door hinges out of the slots. Set door aside.
7. Attach the strike plate to the top of the vent door using the two #8 screws provided (Figure 5).

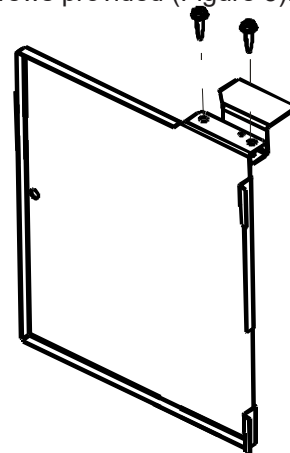


Figure 5

8. Attach the "L" shaped bracket to the partition panel (Figure 6).
9. Reattach the vent door to the partition panel by inserting the vent door's metal tabs into the panel slots (Figure 6).
10. Attach one end of the spring to the hole in the bracket on the partition panel. Attach the other end of the spring to the hole located in the bracket which is fastened to the vent door (Figure 6).

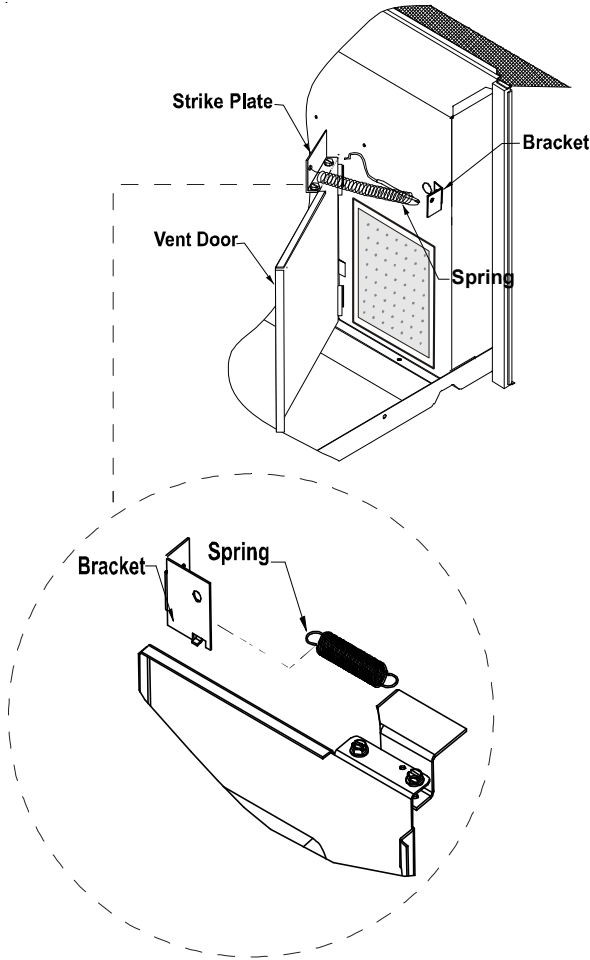


Figure 6

11. Mount the door motor housing with two #8 screws to the provided holes in the partition panel. Ensure the cross pin in the door shaft is rotated around so that it touches the rubber bumper underneath the door motor housing (Figure 7).

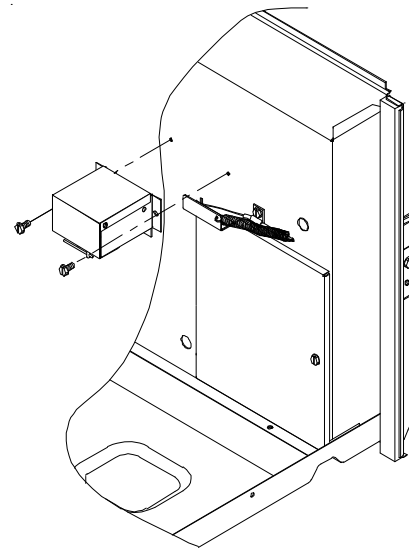
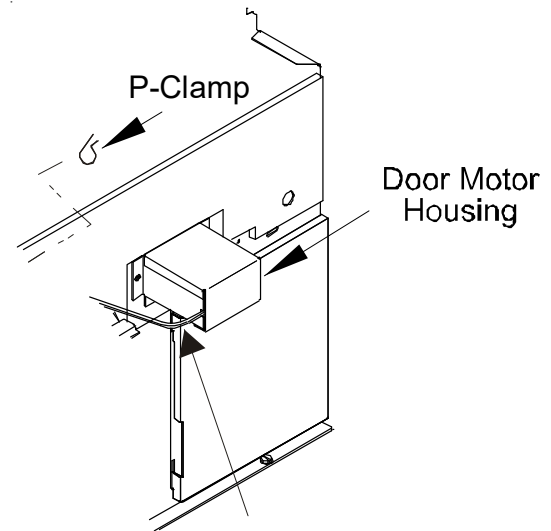


Figure 7

12. With the vent door lever in the closed position, place the end of the cable into the hole located in the door motor housing. This will position the cable away from moving parts (Figure 8).
13. Attach the provided p-clamp to the partition panel (Figure 8). There is a dimple at the hole location to mark where a 1/8" hole will need to be drilled to mount the clamp.



Door Motor Wires
Figure 8

14. Route the door motor wires through the p-clamp, and then through the wire clip with the motor wires, and then through the hole in the partition panel where the compressor wires are routed through the panel.

NOTE: The permagum may have to be removed to feed the wires through the partition panel. When finished routing wires through the panel, make sure wires have no slack and replace the permagum back into place to prevent air leaks. (Figure 9).

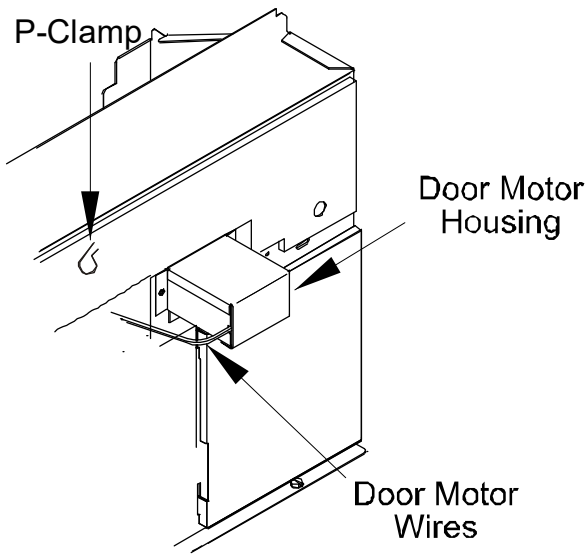
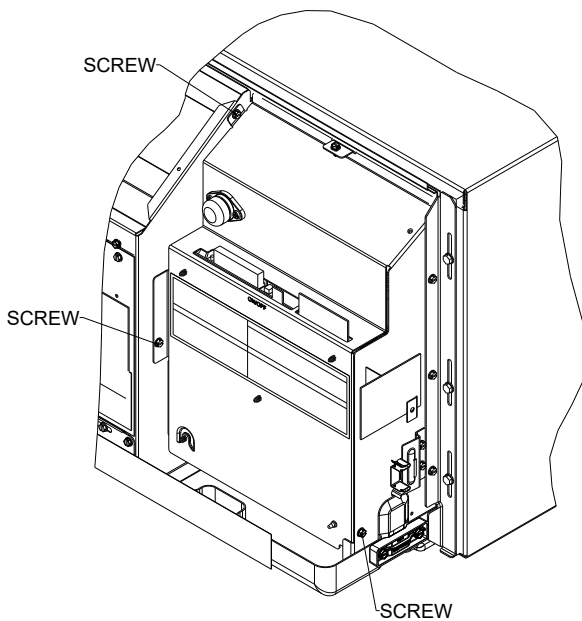


Figure 10

WIRING INSTRUCTIONS

1. To gain access inside the control panel, remove the 3 mounting screws, one on each side of control panel cover (Figure 10).



2. Pull and tilt control panel forward, being careful not to pinch any wires (Figure 11).

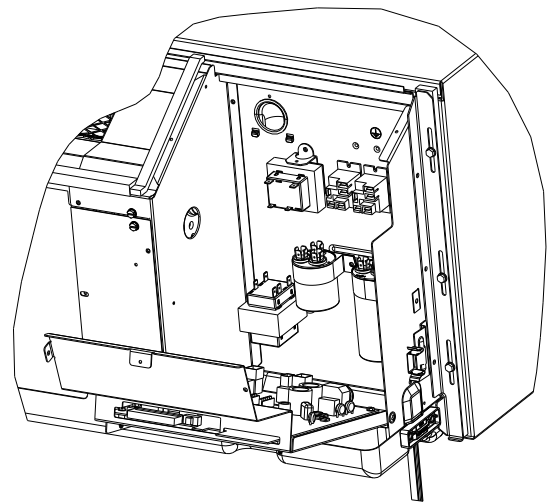


Figure 11

3. Using the two #8 screws that are provided, screw the transformer to the control panel in the transformer mounting holes provided in the panel.
4. Connect the transformer to the J511 connector on the board.
See wiring diagram
5. Connect the vent door motor wire connector to the available ACC1 connector on the board.
See wiring Diagram
6. To configure the power vent door you will need to go into configuration setting P0 and set it to 1.

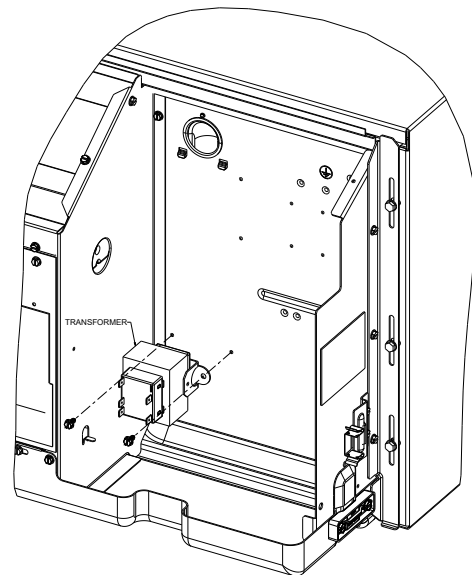


Figure 12

NOTE: For smart fan operation you will also need to configure setting un for the humidity level.

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CUSTOMER FEEDBACK

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