

PTAC HEATING ELEMENT KIT


INSTALLATION INSTRUCTIONS

Description


Heating Element installation procedures are described in detail in these instructions. Read and follow these instructions carefully before replacing the heating element. Failure to do so may result in damage to the element.

Tools Required

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1	1/4" Nut Driver
1	5/16" Nut Driver
1	Needle Nose Pliers

 **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.



2. Remove the front cover by grasping the front corners and pulling forward until front unlocks from side clips and then lift straight up. (See Figure 1.)

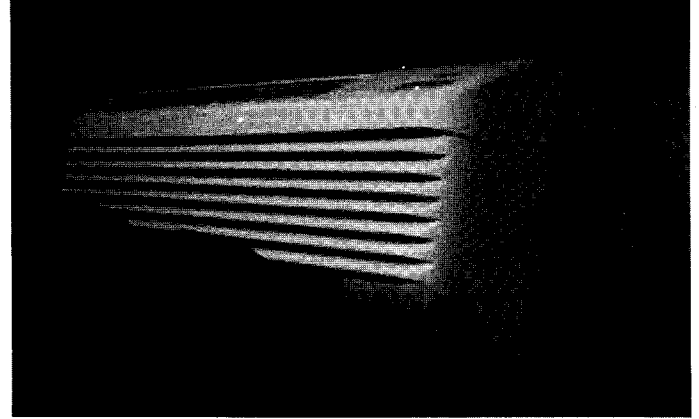


Figure 1

3. Using a 5/16" nut driver, remove the (6) screws securing the PTAC unit to the wall sleeve (3 screws each side). Set screws aside for use in reassembly. Figure 2.

Heating Element Replacement Procedure

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.

 **RECOGNIZE THIS SYMBOL AS A SAFETY PRECAUTION.**

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.



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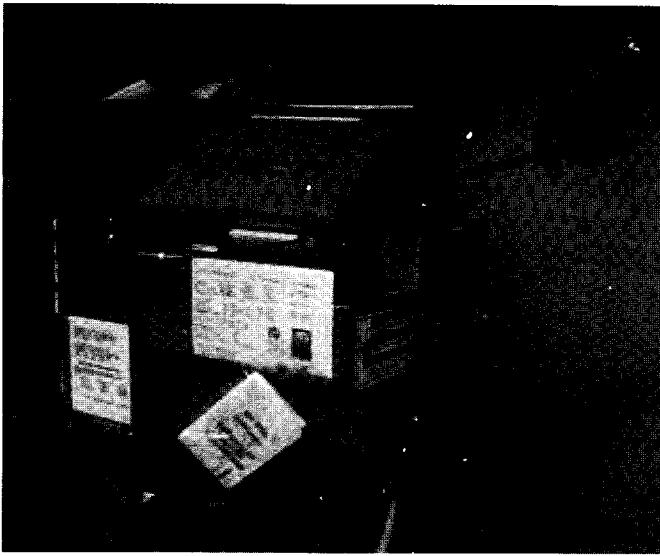


Figure 2

4. Slide the PTAC unit out of the wall sleeve. Set PTAC on a stable surface.

DISASSEMBLY

1. **Discharge Screen:** Using a 5/16" nut driver, remove the (4) black screws securing the discharge screen to the header plate. Remove the screen and set aside. Retain screws and screen for use in reassembly. See Figure 3.
2. **Block-Off:** Using a 1/4" nut driver, remove the (2) silver screws from the right side block-off bottom. Using a 5/16" nut driver, remove the black screw from the top left corner of the block-off. Remove the block-off and set aside. Retain screws and block-off for use in reassembly. Figure 3.
3. **Header Plate:** Using a 1/4" nut driver, remove the silver screw securing the left side of the header plate to the PTAC unit. Figure 3.

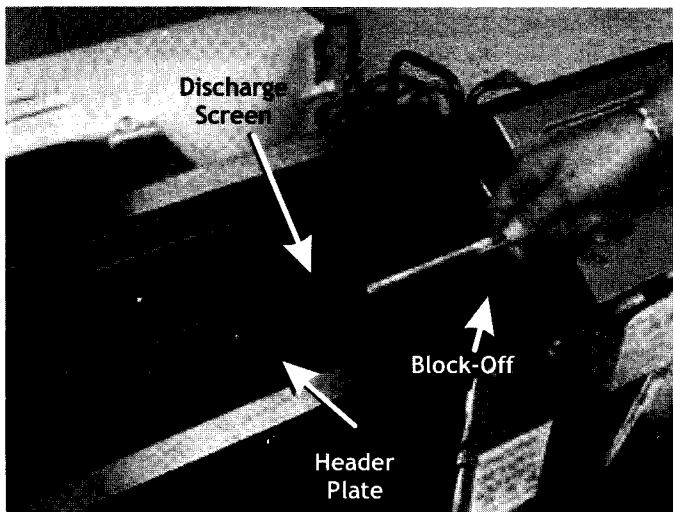


Figure 3

4. **Gasket:** Cut the gasket between the block-off and header plate. Use caution when cutting the gasket; do not tear or damage the gasket. The gasket must be reused during reassembly. Steps 1 to 4.
5. **Blower Scroll / Heater Assembly:**
 - a. Using a 1/4" nut driver, remove two screws securing the blower scroll / heater assembly to the left partition panel. Figure 4.

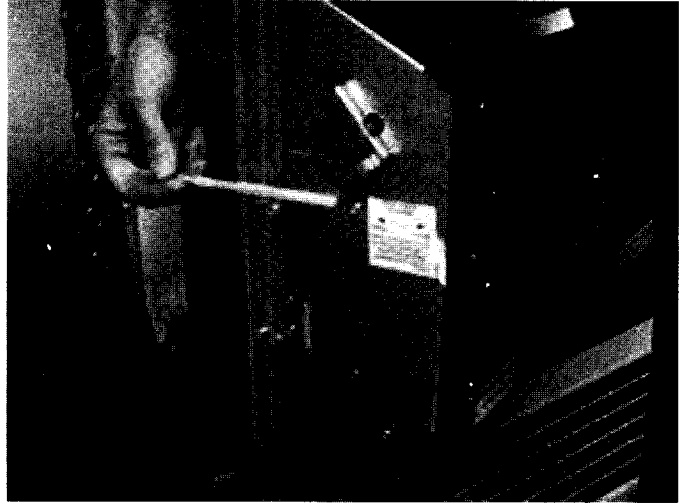


Figure 4

- a. Using a 1/4" nut driver, remove the (8) screws securing the scroll top to the partition panel. Figure 5.

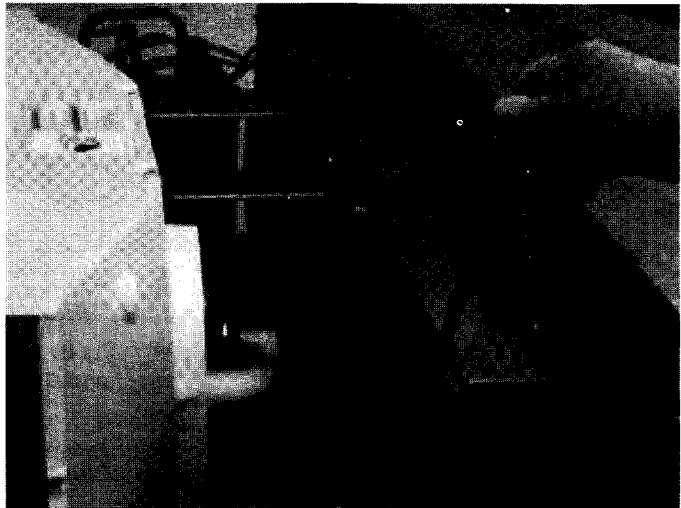


Figure 5

- c. Retain the screws for use in reassembly.
 - d. Grasp the blower scroll / heater assembly by the top or sides. Gently slide the assembly to the right, then gently lift upward. Figure 6.

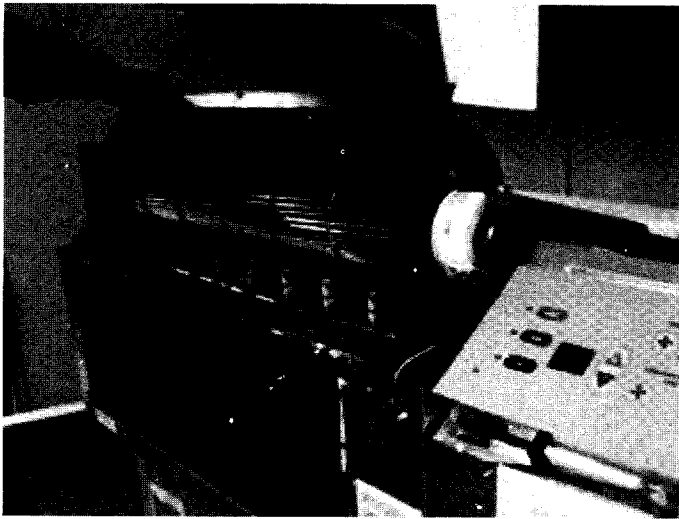


Figure 6

- e. Carefully set the blower scroll / heater assembly on top of the unit, being careful not to over extend the heater and motor wiring. Figure 7.

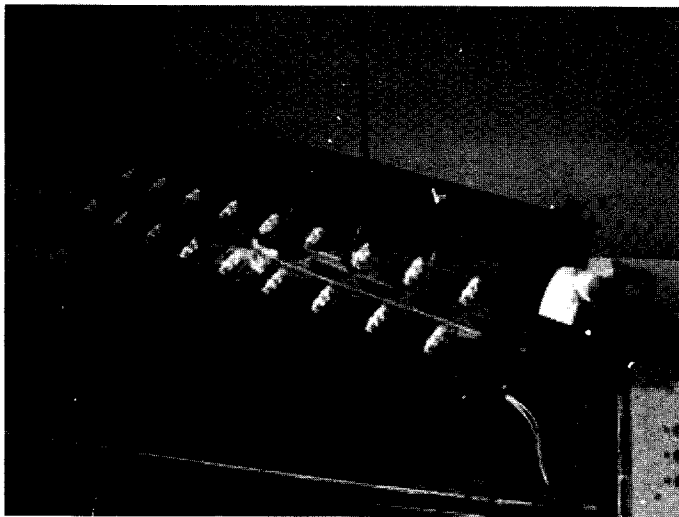


Figure 7

- 6. Remove the two (2) screws that secure the existing heating element in place. Figure 8.

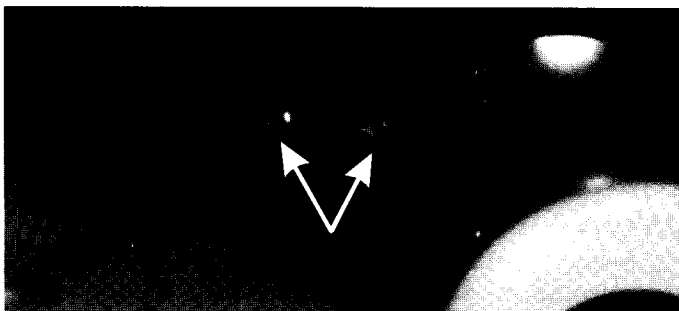


Figure 8

- 7. Using the needle nose pliers, disconnect the wires from the element and remove the existing heating element.
- 8. Visually inspect for the right side of the heater housing for a .187" hole. Figure 9.

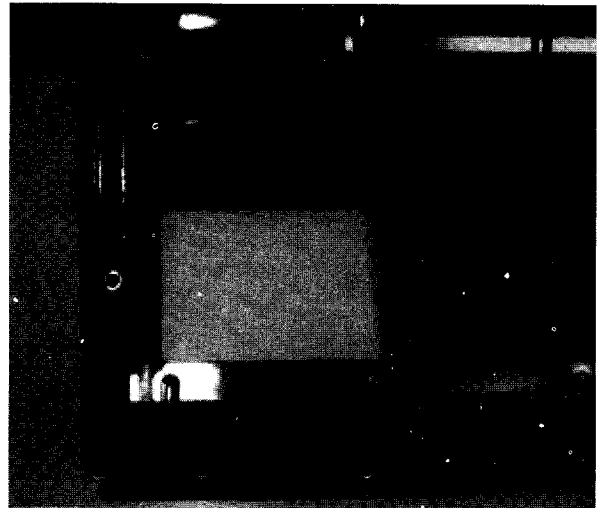


Figure 9

- 9. If there is no pre-drilled hole present, measure up three (3) inches and drill a .187" hole in the frame. See Figure 10.

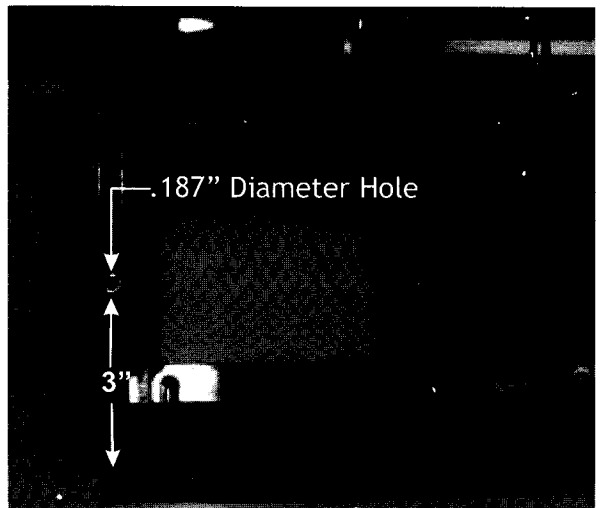


Figure 10

10. Using the needle nose pliers, reattach the wires to the new heating element and reinstall the heater into the housing.
11. Reinstall the two (2) screws removed in step 6. Figure 11.

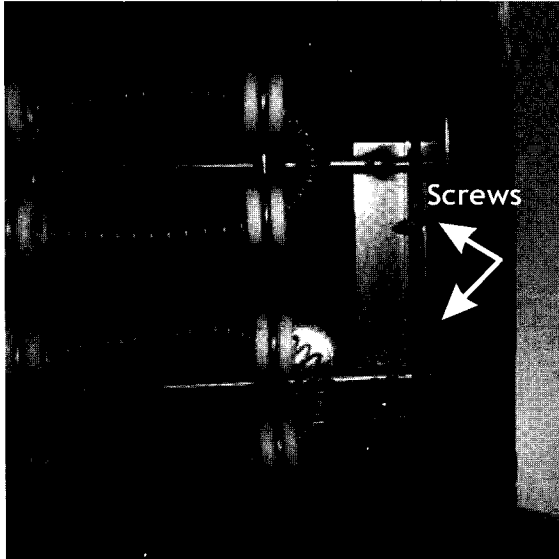


Figure 11

12. Install the bracket, 0121P00092, supplied with this kit, to the heater ports. Figure 12.

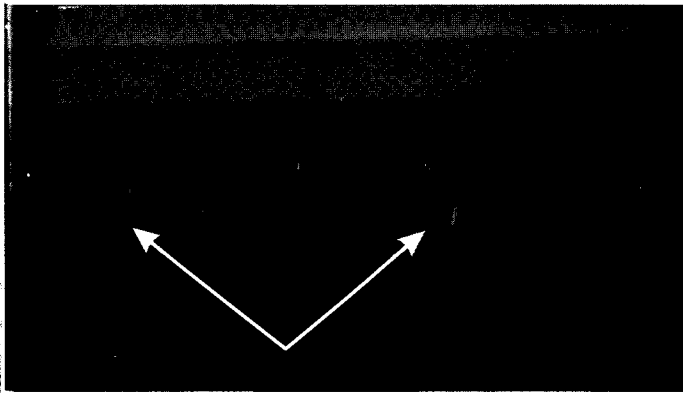


Figure 12

13. Install 1/4" hex head screw (supplied with kit) into the bracket. Figure 13.

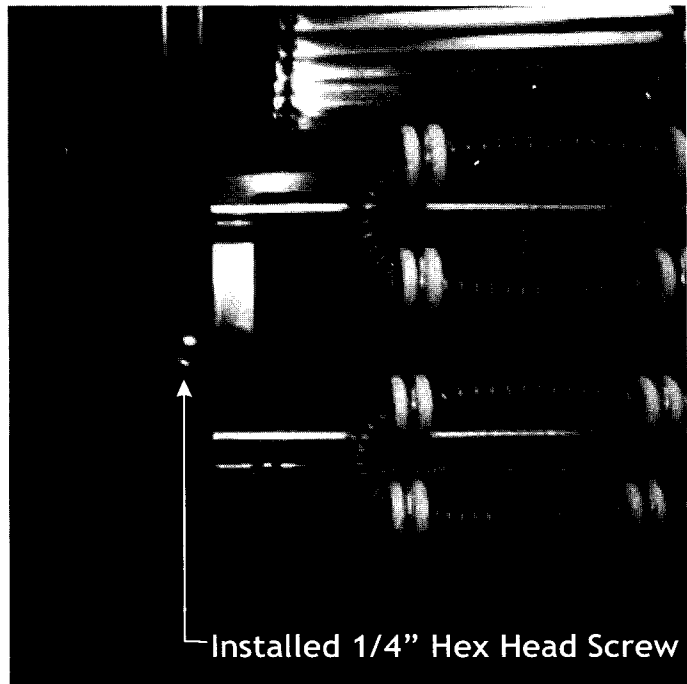


Figure 13

REASSEMBLY

1. Replace the blower scroll / heater assembly into the PTAC unit. Secure with screws removed during disassembly.
2. Re-install the header plate and secure with screw(s) removed during disassembly.
3. Re-install the block-off and secure with screws removed during disassembly.
4. Re-install the discharge screen and secure with screws removed during disassembly.
5. Position PTAC unit into wall sleeve and secure with screws removed during disassembly.
6. Re-install the front.

CHECK OUT

Reconnect power to unit.

 WARNING
LINE VOLTAGE NOW PRESENT.