
ELITE and PERFORMANCE Transformer Replacement



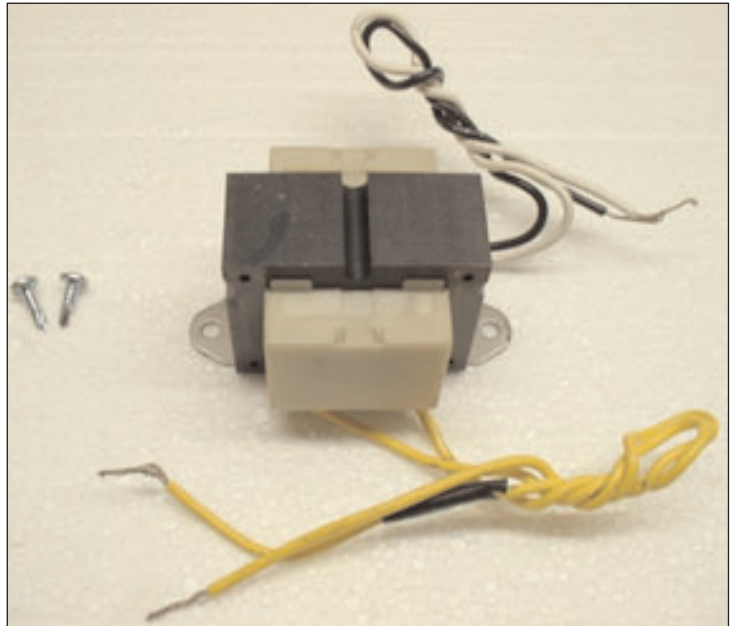
Kit Part Number: **PGRKIT18**

Included in the Kit:

- (1) Transformer
- (2) Self Tapping Screws

Tools required:

- Screwdriver
- #3 Slotted
- Screwdriver - #3 Phillips
- Adjustable Wrench
- Wire Cutters



WARNING

Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.

NOTICE

Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.

WARNING

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician.
- Read all instructions before proceeding.
- Follow instructions in proper order.

WARNING

For your safety, turn off electrical power supply at service panel before proceeding to avoid possible electrical shock hazard. Failure to do so can cause severe personal injury or death.

ELITE and PERFORMANCE

Transformer Replacement

Removal of the Transformer

1. Disconnect electrical power supply to the Combination Heater
2. Disengage the top jacket panel from the side jacket panels using an upward force along the front edge of the top panel.
3. Remove the front jacket panel by placing a slotted screwdriver between the front panel and the side jacket panels and using a twist motion.
2. Attach the 24 volt wire leads of the Transformer to terminals 5 and 6. Ensure all leads are securely insert into the terminals and the terminals are completely tighten. Trim lead lengths to accommodate installation as needed.
3. Attach the 120 volt wire leads to terminals 1 and 2. The black lead should be attached to terminal 1 and the white lead to terminal 2. Ensure all leads are securely insert into the terminals and the terminals are completely tighten. Trim lead lengths to accommodate installation as needed.

NOTICE

Use extreme care as not to damage or scratch the jacket panels with the screwdriver when removing the front jacket panel.

4. Remove the (4) locking pins along the corners of the front control panel. On the PERFORMANCE units remove the air inlet mounting screw along the front edge of the control panel.
5. Lay the front control panel forward to expose the transformer and control wiring.
6. Using the wire cutters remove any wire ties along the existing Transformer wiring.
7. Use a #3 slotted screwdriver to disengage the 24 volt wiring of the Transformer from terminals 5 and 6.
8. Use a #3 slotted screwdriver to disengage the 120 volt wiring of the Transformer from terminals 1 and 2.
9. Use a #3 Phillips screwdriver to remove the mounting screws on the existing Transformer and remove the Transformer from the control panel.

Installation of the Transformer

1. Mount the new Transformer onto the control panel using (2) self tapping screws.

WARNING

If the Transformer wire leads are cut to length, DO NOT strip the wire end more than 1/4". To prevent a potential.

4. Re-install the front control panel using the locking pins to secure the panel into place.

WARNING

To prevent potential damage to the unit and/or electrical shock hazard ensure the capillary tubes of the operating aquastats are tucked up under the front control panels and not lying across any wire terminals.

5. Reattach the top jacket panel by aligning and engaging the panel onto the locking pins.
6. Reattach the front jacket panel by inserting the lower tabs into the side jacket panels and then engaging the upper locking pins.
7. Reconnect the power supply and return the unit to service.