
ELITE and PERFORMANCE Relay Replacement



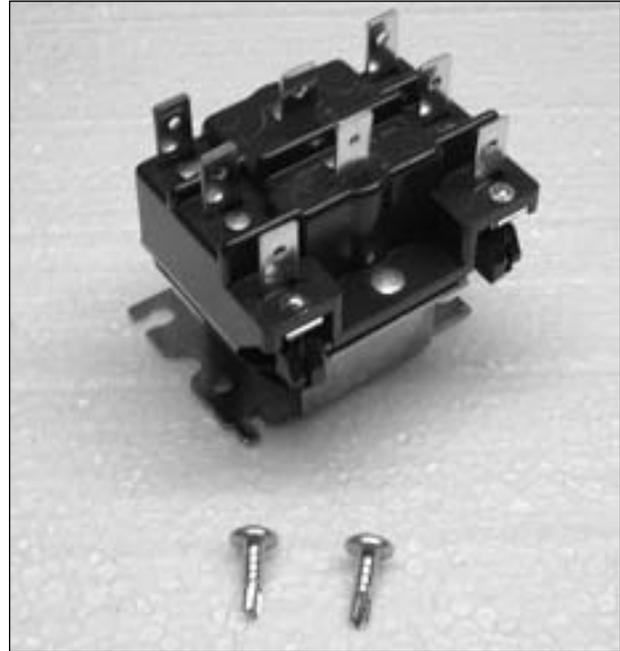
Kit Part Number: **PGRKIT19**

Included in the Kit:

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

Tools required:

- Pliers - Needle Nose Type
- 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

Relay Replacement

Removal of the Relay

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.

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 Relay wiring.
7. For ease of replacement label or note each wire and it's location on the Relay prior to removal of any wire leads.
8. Remove the wire leads from the Relay terminals using pliers to prevent damage to the wire leads.
9. Use a #3 Phillips screwdriver to remove the mounting screws on the existing Relay and remove the Relay from the control panel.

Installation of the Relay

1. Mount the new Relay onto the control panel using (2) self tapping screws.
2. Attach the wire leads to the Relay terminals in the proper order as found in step 4 "Removal of the Relay". Ensure all leads are securely attached to the terminals.
3. 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 panel and not lying across any wire terminals.

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