
ELITE and PERFORMANCE

Auto Reset Limit



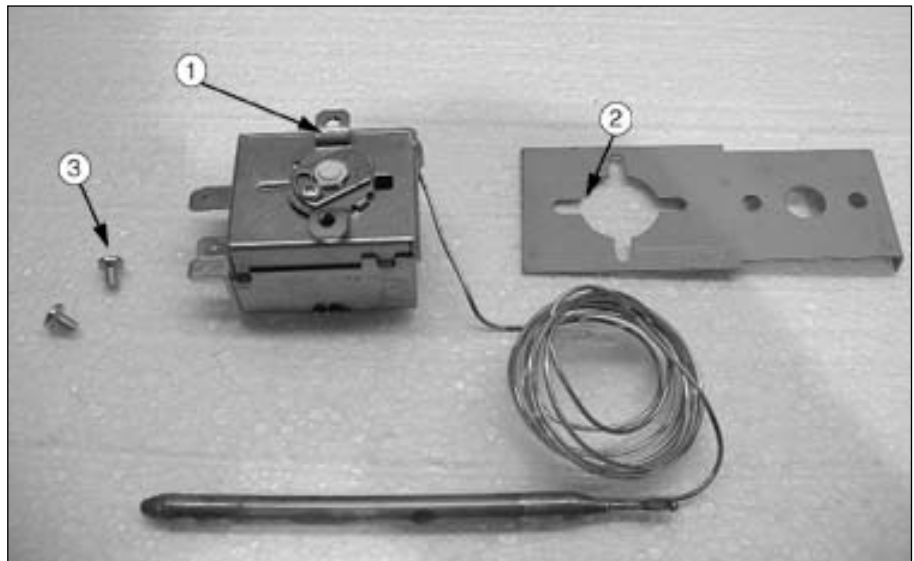
Kit Part Number: **PGRKIT23**

Included in the Kit:

- 1- (1) Auto Reset Limit
- 2- (1) Mounting Bracket
- 3- (2) Machine Screws

Tools required:

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



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

Auto Reset Limit

Removal of the Thermostat / Auto Reset Limit

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. The Auto Reset Limit is located left of the primary operating thermostat behind the front control panel.
7. Using the wire cutters remove any wire ties along the existing Auto Reset Limit capillary tubing.
8. For ease of replacement label or note each wire and it's location on the Auto Reset Limit prior to removal of any wire leads.
9. Remove the wire leads from the Auto Reset Limit terminals using pliers to prevent damage to the wire leads.
10. Use a slotted screwdriver to remove the knob from the primary thermostat.

11. Use a #3 Phillips screwdriver to remove the left primary thermostat mounting screw.
12. Use a slotted screwdriver to remove the "stop pin" mounting screw. The primary thermostat can now be remove from the backside of the front control panel.
13. With the thermostat dismounted, the Auto Reset Limit and Mounting Bracket can be removed.
14. Remove the sensing bulb from the drywell location.
 - The Auto Reset Limit sensing bulb is located in a drywell in front of the domestic cold water inlet.

Installation of the primary thermostat / Auto Reset Limit

1. Insert the new sensing bulb into the same drywell location as the existing bulb. Ensure the bulb is position at the bottom of the drywell.
2. Mount the new Auto Reset Limit & Bracket assembly onto the front control panel by mounting the primary thermostat through the backside of the panel. Ensure the terminals of the primary thermostat Auto Reset Limit are orientated downward.
3. Position the indication ring for the primary thermostat onto the front control panel so the indication mark is at the top of the ring. See Fig. 1
4. Use the mounting screws to secure the primary thermostat and indicator ring to the front control panel using the Phillips screw and the "stop pin" slotted screw. Ensure the "stop pin" screw is position to the right. See Fig. 1
5. Turn the primary thermostat stem counter-clockwise fully and re-insert the knob.

ELITE and PERFORMANCE

Auto Reset Limit

6. Attach the wire leads to the Auto Reset Limit terminals in the proper order. Ensure all leads are securely attached to the terminals.
7. Re-install the front control panel using the locking pins to secure the panel into place.
8. Reattach the top jacket panel by aligning and engaging the panel onto the locking pins.
9. Reattach the front jacket panel by inserting the lower tabs into the side jacket panels and then engaging the upper locking pins.
10. Reconnect the power supply and return the unit to service.

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.

Fig. 1

