

MODELS

The Register Plus

RM202	RM222
RM162	RM202
RM151	RM162
RM208	RM151
RM108	RM102
ZM202	ZM151
ZM162	ZM208

Note:

Now is the perfect opportunity to clean your heater. See original product Owner's Guide or go to cadetheat.com/support/install-help#install and find our detailed cleaning instruction video.

TOOLS REQUIRED:

- Phillips Screwdriver
- Needle Nose Pliers

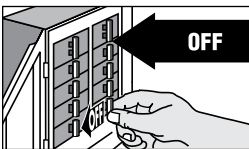
MAY REQUIRE:

- (2) 6 x 1/4" sheet metal screws
- Hand Drill
- 1/8" Drill Bit

Use part #053110: Models RM and ZM manufactured prior to 9/7/2004

Use part #053113: Models RM manufactured 9/7/2004 and later

IMPORTANT INSTRUCTIONS



⚠ WARNING

Turn the electrical power off at the electrical panel board (circuit breaker or fuse box) and lock or tag the panel board door to prevent someone from turning on power while you are working on the heater. Failure to do so could result in serious electrical shock, burns, or possible death.

IF YOU ARE UNCOMFORTABLE WORKING WITH ELECTRICAL APPLIANCES, UNABLE TO FOLLOW THESE GUIDELINES, OR DO NOT HAVE THE NECESSARY EQUIPMENT, CONSULT A LICENSED ELECTRICIAN

1. **READ ALL INSTRUCTIONS BEFORE STARTING THIS PROCEDURE.**
2. It is important that you verify power has been turned off and no power is going to the heater before proceeding. Circuit breakers are often not marked correctly and turning the wrong breaker off could mean electricity is flowing to the heater, even if the heater does not appear to be working.
3. Once you verify the power has been turned off correctly, proceed to the next step.
4. Please see your product Owner's Guide for additional installation, operation and maintenance instructions for both manual reset and heater. Owner's Guides may be downloaded at cadetheat.com.

SAVE THESE INSTRUCTIONS

INSTALLATION INSTRUCTIONS

1. Remove grill screws and grill.
2. Remove heatbox from wall can.
3. Remove the insulated wire connectors from the power supply wires.
4. Remove and save "RESET See Instructions" label.
5. Remove screws or rivets holding bracket and limit as necessary.
 - 5a. If the push-button manual limit in your heater is currently installed using rivets, carefully drill out the rivets that hold the device using a 1/8" drill bit. (Figure 1) Important: Drilling too deep can damage internal components. Remove the blue terminal connector from each end of the limit. (Figure 3)
 - 5b. If the push-button manual limit in your heater is currently installed using screws, remove these 2 screws. (Figure 2) Remove the blue terminal connector from each end of the limit. (Figure 3)
6. Remove the limit from behind the brackets and replace with new limit. (Figure 4)
7. Secure new limit to bracket with screws.
8. Reattach the two blue terminal connectors. Make sure the spade ends make a complete connection inside the terminal connectors.
9. Apply "RESET See Instructions" sticker back on top of bracket.
10. Pull any insulated heater wires away from the blower wheel that may have been moved when replacing the part.
11. Reconnect insulated wire connectors. Pull on wire terminals to make certain wire connections are tight.
12. Re-install the heatbox into the wall can.
13. Replace grill and secure with screws.
14. Turn the power back on and turn thermostat all the way up until heater comes on. Turn thermostat back to desired setting, observing operation for at least two minutes.

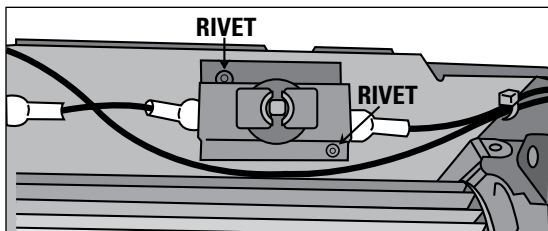


Figure 1 Models manufactured prior to 8/09 have two limits and may have rivets or screws.

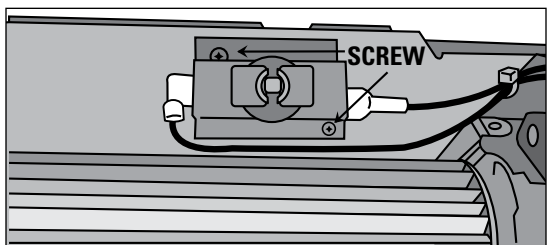


Figure 2 Models manufactured 8/09 and later have one limit and screws.

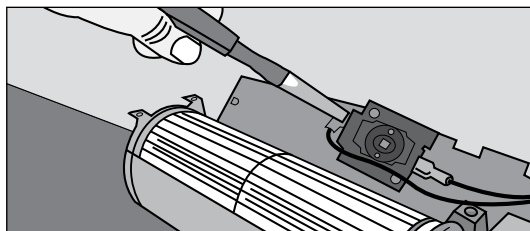


Figure 3 Use needle-nose pliers.

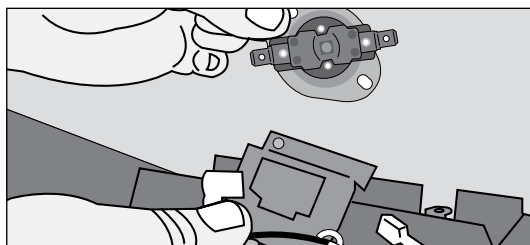


Figure 4 Place new limit under bracket.

TROUBLESHOOTING CHART

Symptom	Problem	Solution
Heater requires constant resetting.	<ol style="list-style-type: none"> 1. Heater is dirty or blocked. 2. Fan motor may need replacing. 	<ol style="list-style-type: none"> 1. Clean heater with compressed air. See Operation & Maintenance instructions in Owner's Guide. Remove obstruction blocking heater. Observe clearance requirements (3' in front and 12" sides and above). 2. Check fan motor/ blade operation - clean, lubricate or replace as needed.
Heater blows cold air.	<ol style="list-style-type: none"> 1. Bad wire connection or wire nut. 2. Bad heating element. 	<ol style="list-style-type: none"> 1. Turn off circuit breaker and remove heater. Check all wire connections and repair. Consult an electrician or appliance repair technician if needed. 2. Replace element.
Heater smokes or emits a burnt odor.	<ol style="list-style-type: none"> 1. Dust, lint or other matter has accumulated inside heater. 2. Motor is not operating correctly. 	<ol style="list-style-type: none"> 1. Clean heater with compressed air. See Operation & Maintenance instructions in Owner's Guide. 2. Check fan motor/ blade operation - clean, lubricate or replace as needed.

WARRANTY

For more effective and safer operation and to prolong the life of the heater, read the Owner's Guide and follow the instructions. Failure to properly maintain the heater will void any warranty and may cause the heater to function improperly.

LIMITED 90-DAY WARRANTY: Cadet will repair or replace any part found to be defective within 90 days after the date of purchase.

These warranties do not apply:

1. Damage occurs to the product through improper installation or incorrect supply voltage;
2. Damage occurs to the product through improper maintenance, misuse, abuse, accident, or alteration;
3. The use of unauthorized accessories or unauthorized components constitutes an alteration and voids all warranties. Refer to Cadet website or call customer service at 855.CADET.US for list of authorized accessories and components.
4. CADET'S WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT.
5. IN THE EVENT CADET ELECTS TO REPLACE ANY PART OF YOUR CADET PRODUCT, THE REPLACEMENT PARTS ARE SUBJECT TO THE SAME WARRANTIES AS THE PRODUCT. THE INSTALLATION OF REPLACEMENT PARTS DOES NOT MODIFY OR EXTEND THE UNDERLYING WARRANTIES. REPLACEMENT OR REPAIR OF ANY CADET PRODUCT OR PART DOES NOT CREATE ANY NEW WARRANTIES.

If you believe your Cadet product is defective, please contact Cadet during the warranty period, for instructions on how to have the repair or replacement processed.

Parts and Service

Visit cadetheat.com/parts-service for information on where to obtain parts and service.

Reduce-Reuse-Recycle



This product is made primarily of recyclable materials. You can reduce your carbon footprint by recycling this product at the end of its useful life. Contact your local recycling support center for further recycling instructions.