

\*Intended for licensed electricians or qualified technicians

### Replacement Guide for Com-Pak Plus (C), Com-Pak Twin Plus (CT), Com-Pak Max (CM), Com-Pak Bath (CB), The Perfectoe (UC), and The Register Plus (RM) (Applies to product manufactured from 9/07/04 to 8/01/09)

#### TOOLS REQUIRED:

Phillips Screwdriver  
Straight Screwdriver  
POP-Rivet Tool  
Hand Drill, 1/8" Drill Bit

#### RM, C, CT, CM, CB and UC One-Time Limit Kit Includes:

- (2) One-Time Limits (Non-Resettable)
- (2) 1/8" x 3/16" Aluminum Rivets
- (2) #6 x 1/4" Sheetmetal Screws

#### Kit #100750

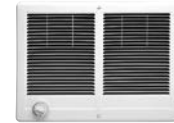
Match replacement limit to existing limit.



C Series



RM Series



CT Series



UC Series

#### Kit #100850

(for use with CM & CB Series only)



CB Series

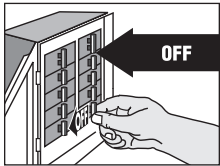


CM Series

## IMPORTANT INSTRUCTIONS

The secondary over-temperature device is a safety device that will trip in the unlikely event of a severe over-temperature condition or component failure and is a one-time, non-resettable thermal control device. If you are uncomfortable working with electrical appliances, unable to follow these guidelines, or do not have the necessary equipment; consult a licensed electrician. All steps must be followed.

## INSTALLATION 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.

1. 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. If you are uncomfortable working with electrical appliances, unable to follow these guidelines, or do not have the necessary equipment, consult a licensed electrician.
2. Once you verify the power has been turned off correctly, proceed to the next step.
3. Remove knob(s) (if applicable) and screws to remove grill.
4. Remove heatbox from wall can.
5. Remove the insulated wire connectors from the power supply wires.
6. Remove the two wire terminals from the secondary over-temperature device.
- 7a. If the secondary over-temperature limit in your heater is currently installed using rivets, the replacement limit must be installed using rivets (provided). Proceed to Step 8.
- 7b. If the secondary over-temperature limit in your heater is currently installed using screws, the replacement limit must be installed using screws (provided). Proceed to Step 10.
8. Carefully drill out the rivet(s) that hold the device using a 1/8" drill bit. Important: Drilling too deep can damage internal components.
9. Install the replacement device using the 1/8" aluminum rivet(s).
10. Re-install wire terminals. Pull on wire terminals to make certain wire connections are tight.
11. Service the heatbox if needed. (Refer to information below and in product Owner's Guide). Reconnect the power supply wires to the lead wires on the heatbox. Do not over-tighten the insulated wire connectors.
12. Re-install the heatbox into the wall can.
13. Replace grill, secure with screws, and attach knob(s) (if applicable).
14. Turn the power back on.
15. Turn thermostat all the way up until heater comes on. Turn thermostat back to desired setting, observing operation for at least two minutes.
16. If secondary over-temperature device trips again, heater must be replaced.

## TROUBLESHOOTING INFORMATION

- **Did an object or person block the heater?**  
If yes, remove object and advise customer of clearance requirements (3' in front and 12" on sides and above).
- **Was the heater installed per the Owner's Guide instructions?**  
If no, heater must be re-installed per installation instructions provided with heater.
- **Before the over-temperature limit tripped:**
  - Was the element glowing bright red?
  - Was the fan motor stalled or running slowly?  
If yes, the motor must be replaced or serviced. (Insufficient airflow through the element will cause the element to glow and create higher operating temperatures.)
- **Is the heater clean?** If no, heater must be cleaned before re-installation. (Dirty heaters restrict the amount of airflow through the element, causing the heater to overheat.)
- **Is grill damaged?** If yes, the grill must be replaced.
- **Has the heater been modified?** If yes, the heater must be replaced.
- **Is the heater damaged?** If yes, the heater must be replaced.
- **Has the heater been over-sprayed with paint or sheetrock mud?**  
If yes, the heater must be replaced.
- **Does the voltage match the rating of the product?**  
If no, the heater must be replaced. (If 240 volts are applied to a 120 volt heater, the heater is damaged.)

## WARRANTY

#### All Cadet Parts

**LIMITED 90-DAY WARRANTY:** Cadet will repair or replace any Cadet part found to be defective within 90 days from the date of purchase. This warranty only applies to parts purchased or installed after the expiration of any other applicable warranty period.

#### Parts and Service

Visit [cadetheat.com/support/parts-service](http://cadetheat.com/support/parts-service) for information on where to obtain parts and service.

## SAVE THESE INSTRUCTIONS