# Rinnai.

## FC510 (RCE-391A)

**Type of Appliance**Vent free gas fan convection heater, suitable for homes, apartments, and condominiums, residential or commercial setting; modular/mobile

home approved; forced combustion, forced convection

Rinnai Model Number RCE-391A-N (Natural gas) RCE-391A-P (Propane)

 Gas Rate Input (BTU/hour)
 Low - 5,500
 Low - 5,600

 High - 10,000
 High - 10,000

Minimum Gas Supply Pressure3.5 in (135 mm) W.C.8.0 in (203 mm) W.C.Maximum Gas Supply Pressure10.5 in (267 mm) W.C13.0 in (330 mm) W.C.

Electrical Connection AC 120V, 60 Hz, 25 watts

Gas Connection 1/2 inch Male NPT
Combustion System Ceramic Burner

Ignition System Electronic spark ignition

Fan CFM Output Low: 67.8 High: 97.8

Temperature Settings

Low (LO): minimum combustion
60° - 80° F in 2° increments
High (HI): maximum combustion

Temperature Control Electronic thermostat

Weight Approximately 22.1 lbs (10 kg)

Clearance from Combustibles Side: 2 in. (50 mm), Top: 2 in. (50 mm),

Front: 30 in. (762 mm) Back: 2 in. (50 mm),

Bottom: 0 in.

Noise Level Low-28dB High-38dB

Warm Air Outlet Bottom front louvers

Maximum Installation Elevation 2,000 Feet

#### **FEATURES**

99.9% Efficient

Cool-to-the-touch cabinet Modulating Technology Programmable Thermostat

**Child-Safety Lock** 

**Digital, Adaptive Control** 

**Electronic Iginition - No Pilot Light** 

On Board Self-Diagnostics for Easier Maintenance

**Tilt Switch** 

**Push-Button, Electronic Ignition** 



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#### **Safety Devices**

- Overheat Switch: The appliance will automatically shut down when the appliance exceeds a predetermined temperature.
- Flame Failure Device: The appliance will automatically shut down if the burner flame is extinguished.
- Oxygen Depletion Sensor: If the oxygen level in the room drops below a preset limit, this sensor disables the gas supply to the heater.
- **Tilt Switch:** If the heater is knocked over, the tilt switch will disable the gas supply. The fan will continue to purge. Convection fan continues to run after burner shutdown to cool internal parts.
- Child Lock: Prevents inadvertent operation.
- Power Failure: The appliance will disable the gas supply if it loses electrical power.
- **Fuse:** The electrical circuits are protected by a fuse. When the 5 amp fuse blows, the heater will not operate until the 5 amp fuse is replaced.

#### Warranty

**Conversion Kit** 

3 years from date of purchase on all parts

NA-Unit is not field convertible

## **A**ATTENTION

This appliance is intended for supplemental heating only. The International Fuel Gas Code Standard 620-6 "Prohibited Use" states that "One or more unvented room heaters shall not be used as a sole source of comfort heating in any dwelling".

