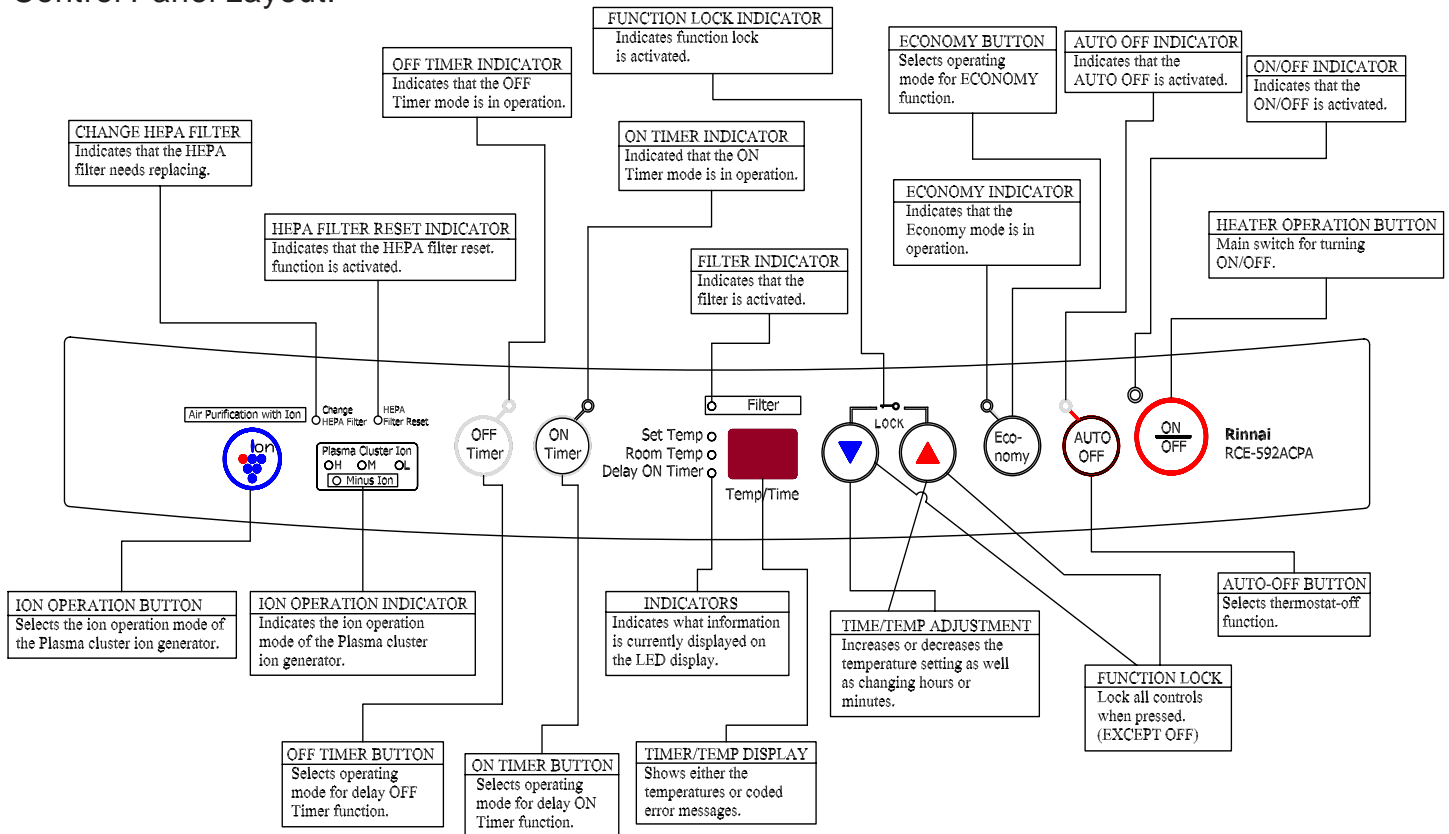




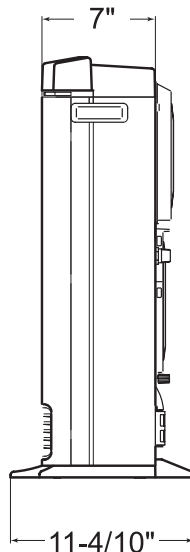
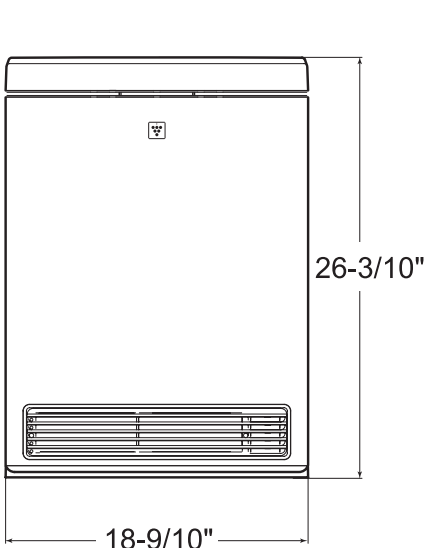
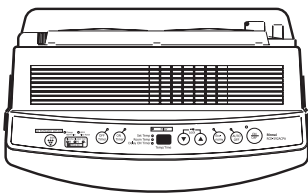
FC420 HEPA+
VENT-FREE GAS CONVECTION HEATER
 With Plasmacluster™ AIR CLEANING TECHNOLOGY

Gas Type		Natural Gas	Propane
Model Number		RCE-592ACP-N	RCE-592ACP-P
Gas Rate Input		Btu/hr	Btu/hr
	Low:	3,600	4,000
	High:	20,000	19,000
Efficiency Rating		99.9%	99.9%
Gas Supply Pressure		WC	WC
	Min:	5.9"	7.9"
	Max:	10.5"	13.0"
Description Efficient, vent-free convection heater with HEPA filter			
Connections	Electrical:	AC 120V 60Hz	
	Gas:	3/8"	
Electrical Consumption		High	Low
	Heater on:	31 W	22 W
	Air Purification	27W	18 W
	Both Conditions	57 W	
	Stand By	3 W	
Heat Capacity	Wooden	261 FT ²	
	Concrete	348 FT ²	
Air Purification Capacity		157 FT ²	
Air Filter / Replacement Hours		HEPA #30 / 4000 Hours	
Combustion System		Stainless steel Bunsen burner	
Ignition System	Direct electronic ignition		
Operating Buttons	ON/OFF, Auto OFF, Economy Mode, Temperature Up/Down, Funtion-l		
	ock, Temp/Time, Timer ON/OFF, Plasmacluster Control, Air Purification, Change HEPA Filter, HEPA Filter Reset		
Operating Hours	ON Timer	24 Hour system	
	OFF Timer	One hour increment	
Operation		Finger touch control buttons	
Economy Mode		Energy Savings Feature	
Weight		32 lbs	
Clearance from Combustibles	Sides:	2"	
	Top:	40"	
	Back:	2"	
	Front:	30"	
Warm Air Outlet		Bottom Front Louvers	
Filtered Air Outlet		Top Louvers	
Fan CFM Output	Low:	82	
	High:	124	
Noise Level	Heating/Plasmacluster	45-31 (dB)	
Temperature Control Increments		Electronic thermostat HI-LOW/OFF, Temperature UP/Down Switch 2 OF	
Temperature Range		LOW=50OF, 60OF-80OF, HI-High Combustion	
Safety Devices	Flame failure - Thermocouple		
	Blocked Filter - Thermister, thermal fuse		
	Back fire - Bi-metal switch		
	Power failure - PCB, gas valve will automatically close		
	Tilt Switch - If the heater is knocked over, the gas supply will shut off		
	Child Safety Lock		
	Oxygen depletion safety device - will cut the gas supply off when low oxygen is sensed		
Performance Standard		ANSI / AHAM AC-1-2002	

Control Panel Layout:



Dimensions:



Clean Air Delivery Rate

Certified Rating

From air cleaner to air cleaner, compare the CADR numbers. First, look at suggested room size. Then refer to the tobacco smoke, dust and pollen Clean Air Delivery Rate (CADR) numbers. The higher the numbers, the faster the unit filters the air.

This air cleaner is suggested for use in a single closed room up to 97 square feet.

Room size ratings conform to the AHAM Certification Program criteria of 80% smoke reduction. Higher Clean Air Delivery Rates provide improved performance in all room sizes. Portable air cleaners will be much more effective in rooms where all doors and windows are closed.

Tobacco Smoke: 62.6 Dust: 71.2 Pollen: 121.7

These values represent performance that can be expected within the first 72 hours of operation. Subsequent performance may vary with use.

www.cadr.org

Association of Home Appliance Manufacturers

Rinnai is continually updating and improving products, therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to installation.