

Rinnai

ERROR CODES MESSAGES & DIAGNOSTIC POINTS

RCE-229A, RCE-329A, and RCE-429A

CODE DISPLAYED	FAULT	DIAGNOSTIC CHECK POINT
00	Power reinstatement while ON/OFF switch on	
03	Tilt Switch Activated	Check Tilt Switch
11	Miss Ignition	Check Thermocouple output
12	Incomplete Combustion	Check Thermocouple output
14	Flashback Safety Device	Check Flashback Sensor
	Overheat Thermistor Activated	Check Overheat Thermistor
	Thermal Fuse Melted	Check Thermal Fuse
16	Unit cuts off (10 minutes at > 104°) From any heat source.	Check Room Temperature Thermistor
31	Room Temperature Thermistor broken circuit	Check Room Temperature Thermistor
32	Room Temperature Thermistor short circuit	Check Room Temperature Thermistor
33	Overheat Thermistor broken circuit	Check Overheat Thermistor
34	Overheat Thermistor short circuit	Check Overheat Thermistor
62	Fan Motor/appliance abnormal overheat	Check Convection Fan Motor
70	ON/OFF switch abnormal	Check Control PCB (ON/OFF Switch)
71	Solenoid circuit abnormal	Check Solenoid Valve
72	Thermocouple initial value abnormal	Check Thermocouple output
	Thermocouple high cut out	Check Thermocouple output >48 mV for 5 seconds
73	PCB E ² PROM Abnormal	

*Error history (No. 1(most recent)-5), added combustion time (x100H), number of combustions are indicated when the room temperature control “▼” and “▲” buttons are pressed simultaneously for over 2.5 seconds.