



**TECHNICAL SERVICE DEPARTMENT**  
**Technical Service Bulletin**  
**1-800-432-8373**



**RTG 42 Tankless Fault Codes**

<i><b>Error Code</b></i>	<i><b>In Use Indicator</b></i>	<i><b>Description</b></i>	<i><b>Point to Check</b></i>
None	Blank Display	ON indicator (Orange light) does not light even if the ON/OFF button is turned on.	Power, fuses, transformer, fan, IC Board
00	D	1 hour continuous combustion	None
11	A	Ignition Failure	P.G.F.R. Valve Gas Inlet Solenoid Valve Igniter Solenoid Valve Flame Rod
12	A	Flame Failure	P.G.F.R. Valve Gas Inlet Solenoid Valve Flame Rod
13	G	O.D.S not working	Thermocouple
14	E	Over Heating	Thermal Lead Switch Over Heat Limiter
15	E	Extraordinary high temp.	Heat exchanger thermistor Hot water outlet thermistor
16	E	Outlet water temp too high	P.G.F.R. Valve
21	B	Malfunction of air flow switch Malfunction of air intake filter switch	Air flow switch Air intake filter switch
24	G	Malfunction of operation switch	Max button & Min button on the I.C. board
31	E	Water inlet thermistor disconnected	Water inlet thermistor
32	E	Heat exchanger thermistor disconnected	Heat exchanger thermistor
33	E	Hot water outlet thermistor disconnected	Hot water outlet thermistor
35	E	Trouble with thermistor disconnected	Wrong connection at thermistor
38	F	Malfunction of O.D.S circuit	Integrated Circuit Board
51	F	Gas inlet solenoid valve failure	Gas inlet solenoid valve Flame Rod
56	G	Malfunction of water bypass solenoid valve	Water bypass solenoid valve
61	B	Abnormal fan speed	Fan motor
65	G	Malfunction of water flow servo motor	Water flow servo motor
71	C	Circuit malfunction of P.G.F.R. valve Gas inlet solenoid valve	P.G.F.R. Valve Gas Inlet Solenoid Valve I.C. Board
72	D	Flame rod failure	Flame rod
80	F	Solenoid valve failure	Solenoid Valve Flame Rod
82	C	Malfunction of gas type circuit board	Gas type circuit board