

# Alarm Codes

## Alarm Codes for RAC S-Series, Shirokuma, Summit, Monozone and Multizone

### Indoor unit faults

Flashing TIMER lamp	Main cause
1 time	The indoor heat exchanger temperature is too low in the heating mode or it is too high in the cooling mode
2 times	Outdoor unit is under forced operation
3 times	Communication error between indoor and outdoor units
4 times	Outdoor unit alarm check outdoor alarm indication
5 times	Fan motor rotation error (Mono/Multizone) Power relay error (Summit/Premium SX unit)
6 times	Drain high level water alarm
7 times	Drain pump forced operation
8 times	Louver defective
9 times	Inlet air or heat exchanger thermistor fault
10 times	Fan rotation error
11 times	High voltage generator fault/ionizer fault
12 times	Communication error between indoor and outdoor units
13 times	Eeprom error on PCB
17 times	Switching PCB fault
18 times	Cleaning unit defect
19 times	Failure of peltier device

Flashing CLEAN lamp	Main cause
Lit for 1 Second (Fading)	Front cover is open
Lit for 4 Seconds	Failure of the cleaning unit motor or detection switch

Flashing MONITOR lamp	Main cause
Lit for 4 Seconds	CN17 Disconnected or open circuit

Any other flashing indicates outdoor unit fault, check outdoor unit

### Outdoor unit faults

Flashing LD 301	Main cause
1 time	Normal operation
2 times	Compressor overload
3 times	Low compressor rotation
4 times	Compressor switching failure
5 times	Overload activation
6 times	Compressor over temperature alarm
7 times	Faulty thermistor (check LD 303 to identify which one)
8 times	Compressor rotation below minimum speed
9 times	Communication alarm (On Multizone LD 304 indicates which indoor unit 1 time = unit no.1, 2 times unit no.2 and so on)
10 times	Abnormal power source detected
11 times	Fan overload
12 times	Fan rotation error
13 times	Eeprom error
14 times	Over voltage on power module
15 times	Active converter error
16 times	Overload stop

Flashing LD 303	Main cause
1 time	Over heat thermistor
2 times	Defrost thermistor
3 times	Ambient thermistor
4 times	Expansion line thermistor (Unit 1)
5 times	Suction line thermistor (Unit 1)
6 times	Expansion line thermistor (Unit 2)
7 times	Suction line thermistor (Unit 2)
8 times	Expansion line thermistor (Unit 3)
9 times	Suction line thermistor (Unit 3)
10 times	Expansion line thermistor (Unit 4)
11 times	Suction line thermistor (Unit 4)
12 times	Expansion line thermistor (Unit 5)
13 times	Suction line thermistor (Unit 5)

Flashing LD 304	Main cause
1 time	Communication error