

Fault Codes – RAS Series

Do Not turn off the power supply before reading the fault codes, doing so will clear the diagnostic memory. Caution must be taken when removing the access covers as high voltages are present.

Fault diagnosis is available by pressing the check button on the rear of the remote controller.

Note: Fault diagnosis for these systems is *only* possible when using infrared remote controller type WC-C2YE or WH-C2YE (which may be ordered under part number 43069666)

Code		Code	Fault	System Status	Check
00	Indoor P.C. Board Fault	0C	TA Sensor open circuit	No cooling operation (Heating operation continuously – heat pumps)	Sensor Resistance 20°C = 12.5kΩ, 25°C = 10kΩ
			TA Sensor short circuit	No heating operation – heat pumps (Cooling operation continuously)	Sensor Resistance 20°C = 12.5kΩ, 25°C = 10kΩ
		0d	TC Sensor open circuit	No cooling operation (Heating operation continuously – heat pumps)	Sensor Resistance 20°C = 12.5kΩ, 25°C = 10kΩ
			TC Sensor short circuit	No heating operation – heat pumps (Cooling operation continuously)	Sensor Resistance 20°C = 12.5kΩ, 25°C = 10kΩ
		11	Fan Motor	System Stop	Seized motor Thermal fuse open circuit
		12	PCB Fault	System Stop	Replace PCB
		21	IOL Operation	System Stop	
		13	TC Temp.	Operation Continues	Check TC Sensor
01	Inter. Cable	04	Inter. Cable	System Stop	Cable / CT termination and thermal fuse
		05	Inter Cable.	Operation Continues	No Communication to the outdoor unit.
02	Outdoor PCB	18	TE Sensor Open / Closed circuit	System Stop	Check outdoor TE sensor
		19	TD Sensor Open / Closed circuit	System Stop	Check outdoor TD sensor
03	Other Parts	07	Instantaneous power failure Compressor thermo	Operation Continues	Check Compressor thermo. Check Ref. charge Indoor PCB
		1E	TD > 120°C	System Stop	Check TD Sensor Check Ref. Charge
		09	No change in temp. Of indoor unit	Indoor unit operates	Compressor running not pumping / klixon tripped. For cross wiring.
			Frost Condition	Indoor fan low speed, no outdoor unit operation	Gas charge / pipe blockage. Indoor air flow TC Sensor Cross wiring
		1d	Compressor	System Stop	Compressor windings. Current consumption.