

**Table 9-4-1**

Block level		Diagnosis function				Judgement and action
Check code	Block	Check code	Symptom	Unit status	Condition	
00	Indoor P.C. board	0C	The indoor thermo sensor (TA) is defective. Disconnection or short-circuit	Operation continues.	The lamp on the indoor unit blinks when error is detected.	1. Check the indoor thermo sensor (TA). 2. Check the indoor P.C. board.
		0d	The indoor heat exchanger sensor (TC) is defective. Disconnection or short-circuit	Operation continues.	The lamp on the indoor unit blinks when error is detected.	1. Check the indoor heat exchanger sensor (TC). 2. Check the indoor P.C. board.
		11	The indoor fan motor or its circuit is defective.	All off	The lamp on the indoor unit blinks when error is detected.	1. Check the connector circuit of the indoor fan motor (CN10). 2. Check the indoor fan motor. 3. Check the indoor P.C. board.
		12	The part other than the above parts on the indoor P.C. board is defective. EEPROM access error	Operation continues.	The lamp on the indoor unit blinks when error is detected.	1. Check the indoor P.C. board. (EEPROM and peripheral circuits)
		21	IOL operation	All off	The lamp on the indoor unit blinks when error is detected.	Overload operation of refrigerating cycle
01	Cable connection	04	The serial signals can not be transmitted and received between indoor and outdoor units. • The crossover wire is connected wrongly. • The serial signal transmitting circuit on the outdoor P.C. board is defective. • The serial signal receiving circuit on the indoor P.C. board is defective.	Operation continues.	The lamp on the indoor unit blinks when error is detected.	1. In the case of the outdoor unit not operating at all; • Check the crossover cable and connect it properly. • Check the outdoor P.C. board. 2. In the case of the outdoor unit operating normally; • Check whether or not both of serial LED (Green) and serial LED (Orange) is blinking. If the serial LED (Green) is not blinking, check the outdoor P.C. board. If the serial LED (Orange) is not blinking, check the indoor P.C. board.
		05	The operation command signals are not transmitted from the indoor unit to the outdoor unit.	Operation continues.	The lamp on the indoor unit blinks when error is detected. And it returns to the normal condition when recovering from errors.	If the operation command signals continue to be transmitted between ② and ③ of the indoor terminal block, replace the outdoor P.C. board.
02	Outdoor P.C. board	18	The outdoor thermo sensor (TE) is defective. Disconnection or short-circuit	All off	The lamp on the indoor unit blinks when error is detected.	1. Check the outdoor thermo sensor (TE). 2. Check the outdoor P.C. board.
		19	The outdoor heat exchanger (TD) sensor is defective. Disconnection or short-circuit	All off	The lamp on the indoor unit blinks when error is detected.	1. Check the outdoor heat exchanger sensor (TD). 2. Check the outdoor P.C. board.
03	Other parts (including compressor)	07	The reply serial signal has been transmitted when starting the unit, but stops being transmitted shortly after. 1. Compressor thermo operation • Gas shortage • Gas leak 2. Instantaneous power failure	Operation continues.	The lamp on the indoor unit blinks when error is detected. And it returns to the normal condition when recovering from errors.	1. Repeatedly turn the indoor unit on and off with the interval of approx. 10 to 40 minutes. (The check code is not indicated during operation.) And supply gas. (Check gas leak.) 2. The indoor unit operates normally during the check. If the reply serial signal continues to be transmitted between ② and ③ of the indoor terminal block, replace the outdoor P.C. board. If the signal stops between them, replace the indoor P.C. board.
		1E	The discharge temperature is over 120°C.	All off	The lamp on the indoor unit blinks when error is detected.	1. Check the heat exchanger sensor (TD). 2. Gas purging
		20	The IOL operation is defective.	All off	The lamp on the indoor unit blinks when error is detected.	When turning on the unit, the normal phase (RST) is detected but T-R waveform has not been detected for 120 seconds or more.