

13.2.3 Error Codes Table

Code	Abnormality/Protection	Judgment	Check	Emergency Operation
H00	Normal			
H11	Indoor/Outdoor abnormal communication	>1 minute after starting operation	Connecting cable, Indoor/outdoor PCB	○
H14	Indoor intake air temp sensor abnormality	-	Intake air temperature sensor(defected or disconnected)	×
H15	Outdoor compressor temperature sensor abnormality	Continue for 5 sec.	Compressor temperature sensor(defected or disconnected)	×
H16	Outdoor Current Transformer open circuit	-	Outdoor PCB, IPM module	×
H19	Indoor fan motor mechanism lock	-	Indoor PCB, fan motor	×
H23	Indoor heat exchanger temperature A sensor abnormality	Continue for 5 sec.	Heat exchanger temperature sensor(defected or disconnected)	○
H27	Outdoor air temperature sensor abnormality	Continue for 5 sec.	Outdoor temperature sensor(defected or disconnected)	○
H28	Outdoor heat exchanger temperature sensor abnormality	Continue for 5 sec.	Outdoor heat exchanger sensor(defected disconnected)	○
H30	Discharge temperature sensor abnormality	Continue for 5 sec.	Discharge temperature sensor(defected or disconnected)	×
H33	Incorrect connection of Indoor/Outdoor cable	-	Indoor/outdoor supply voltage	×
H97	Outdoor fan motor lock	Twice within 30 minutes	Outdoor fan motor	×
H98	Indoor high pressure protection	-	Air filter dirty Air circulation short circuit	-
H99	Indoor heat exchanger anti-freezing protection	Indoor heat exchanger freezing	Insufficient refrigerant Air filter dirty	-
F11	Cooling/Heating cycle changeover abnormality	4 times occurrence within 30 minutes	4-way valve V-coil	×
F90	PFC control	4 times occurrence within 20 minutes	Voltage at PFC	×
F91	Refrigeration cycle abnormality	2 times occurrence within 20 minutes	No refrigerant(3-way valve is closed)	×
F93	Compressor abnormality	4 times occurrence within 20 minutes	Compressor	×
F95	Cool high pressure protection	4 times occurrence within 20 minutes	Outdoor refrigeration cycle	×
F96	IPM overheating protection	-	Excessive refrigerant Improper heat radiation IPM	×
F97	Outdoor compressor overheating protection	4 times occurrence within 20 minutes	Insufficient refrigerant Compressor	×
F98	Total running current protection	3 times occurrence within 20 minutes	Excess refrigerant Improper radiation	×
F99	Outdoor Peak Current Protection Control	4 times occurrence continuously within 30 minutes	Outdoor PCB IPM Compressor	×