

ES AW45-EVI-M & AW90-EVI-M - Outdoor unit Main PCB failure codes

F**(number), it means that the machine runs at **Hz.

Example:

For example, when it shows F50, it means that the machine runs at 50 Hz.

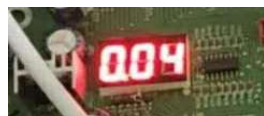
Fxx



The first digit means the unit number, the last two digits means failure code no..

For example, if it shows 0.04, it means unit no. 1 has failure code no. 4.

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Failure code	Module protection and failure
001	Water Outlet Temp. too Low (Tuo) Water Outlet Temp. too High (Tuo)
002	Ambient Temp. Sensor Failure
003	Outdoor evaporator coil Temp. Sensor Failure
004	Discharge Temp. Sensor Failure
005	Communication Failure between operation Panel and PCB
006	High Pressure Switch (HP1, HP2) Protection
007	Water Inlet Temp. Sensor Failure
008	Reserved
009	Suction Temp. Sensor Failure
010	Water Outlet Temp. Sensor Failure
011	Economizer Inlet Temp. Sensor Failure
012	Economizer Outlet Temp. Sensor Failure
013	Fan Motor Failure
014	Reserved
015	Water Flow Switch Failure
016	Protection for too Big Difference Between Water Inlet&Outlet
017	Protection for too High Compressor Discharge Temp.
018	Protection for outdoor evaporator coil Temp. too High
019	Low Pressure Switch Protection
020	Phase Failure
021	IPM Module Protection
022	Compressor Current Protection
023	IPM Module Temp. too High Protection
024	VDC Voltage too Low Protection
025	VDC Voltage too High Protection
026	Communication Failure between main PCB and compressor driver PCB
027	Current Failure of compressor driver PCB
028	Software Control Abnormal of compressor driver PCB
029	Temperature abnormal of IPM Module compressor drive PCB
030	Start Failure
031	Outdoor Evaporator coil temp. sensor failure
032	Condenser coil temp. sensor failure
033	Protection of too high condenser coil temp.
034	Reserved
035	Reserved
036	Fan Motor Current Protection
037	Protection of IPM Module Fan Motor driver PCB
038	Temp. Abnormal of IPM Module of Fan Motor driver PCB
039	Protection for too High Temp. of IPM Module for Fan Motor driver PCB
040	Protection for too High VDC voltage of Fan motor driver PCB
041	Protection for too low VDC voltage of Fan motor driver PCB
042	Communication Failure between main Power PCB and fan motor driver PCB
043	Software Control Abnormal of fan motor driver PCB
044	Current failure of Fan Motor driver PCB
045	Start Failure of Fan Motor driver PCB
046	Phase Failure of Fan Motor driver PCB
047	High Pressure Sensor Failure
048	Low Pressure Sensor Failure
049	Heating/Cooling Temp. Sensor Failure
050	Evaporator coil Temp. Sensor for Defrosting Failure