



Error codes list

Models: ATMI-26HRDC1A
ATMI-36HRDC1A
ATMI-53HRDC1A
ATMI-70HRDC1A



9.1 Error Code List

NO.	Name of malfunction	Double 8 code display	AC status	Malfunctions
1	Indoor ambient sensor open circuit, short circuit	F1	Cooling dehumidifying; indoor fan motor is running, other overloads will stop; Heating whole unit will stop to run.	1. Room temp.sensor is not connected with the control panel AP1 2. Room temp.sensor is damaged
2	Indoor evaporator sensor open circuit, short circuit	F2	Cooling dehumidifying; indoor fan motor is running, other overloads will stop; Heating whole unit will stop to run.	1. Tube temp.sensor is not connected with the control panel AP1 2. Tube temp.sensor is damaged
3	Indoor and outdoor units communication malfunction	E6	Cooling,compressor will stop,indoor fan motor works,Heating:all will stop	Please refer to troubleshooting
4	In defect of refrigerant	F0	The Dual-8 Code Display will show F0 and the complete unit stops.	1. In defect of refrigerant; 2. Indoor evaporator temperature sensor works abnormally; 3. The unit has been plugged up somewhere.
5	Full water protection	E9	Water level switch	If cut-off of water level switch is detected for 8s successively once energized, the system will enter full water protection. In this case, switch off the unit and then switch it on to eliminate this malfunction.
6	Internal motor (fan motor) do not operate	H6	Internal fan motor, external fan motor, compressor and electric heater stop operation, guide louver stops at present location.	1. Bad contact of DC motor feedback terminal. 2. Bad contact of DC motor control end. 3. Fan motor is stalling. 4. Motor malfunction. 5. Malfunction of mainboard revdetecting circuit.
7	Malfunction of zero-crossing signal of indoor unit	U8	Compressor, outdoor fan and indoor fan stop operation.	1. The power is abnormal; 2. Main board of indoor unit is damaged.
8	High pressure protection of system	E1	During cooling and drying operation, except indoor fan operates, all loads stop operation. During heating operation, the complete unit stops.	Possible reasons: 1. Refrigerant was superabundant; 2. Poor heat exchange (including filth blockage of heat exchanger and bad radiating environment); Ambient temperature is too high.
9	Anti-freezing protection for evaporator	E2	Not the error code. It's the status code for the operation.	
10	System block or refrigerant leakage	E3	The Dual-8 Code Display will show E3 until the low pressure switch stop operation.	1.Low-pressure protection 2.Low-pressure protection of system 3.Low-pressure protection of compressor
11	Compressor air exhaust high temp. protection	E4	cooling,dehumidifying,compressor,outdoor fan motor will stop running,indoor fan motor works. heating:all stop running.	Pls refer to trouble shoot (air exhaust protection,overload)
12	AC overload protection	E5	Cooling,dehumidifying,compressor,outdoor fan motor will stop,indoor fan will work.heating;all will stop	1.power supply is stable,fluctuation is too much 2.Power supply is too low,overload is too much.
13	Indoor and outdoor units communication malfunction	E6	Cooling,compressor will stop,indoor fan motor works,Heating:all will stop	Please refer to troubleshooting
14	Anti-high temp. protection	E8	Cooling,compressor will stop,indoor fan motor works,Heating:all will stop	Please refer to troubleshooting

NO.	Name of malfunction	Double 8 code display	AC status	Malfunctions
15	Outdoor ambient sensor circuit open,circuit short	F3	Cooling,dehumidifying;compressor will stop,indoor fan motor will work.Heat:all will stop	Outdoorroom temp.sensor hasn't connected well,or damaged,please refer to the sensor resistance value for checking.
16	Outdoor condensor sensor open circuit,short circuit	F4	Cooling,dehumidifyin-g;compressor will stop,indoor fan motor will work.Heat:all will stop	Outdoorroom temp.sensor hasn't connected well,or damaged,please refer to the sensor resistance value for checking.
17	Outdoor air exhaust sensor open circuit,short circuit	F5	Cooling,dehumidifying;after runing for 3mins later,the compressor will stop to run,indoor fan motor will start to run.heating:after run 3 mins later,all will stop to run.	1.Exhaust temp sensor hasn't connected well,or damaged,plwease refer to the sensor resistance value for checking. 2.Sensor head hasn't insert into the copper tube.
18	Malfunction protection of jumper cap	C5	Wireless remote receiver and button are effective, but can not dispose the related command.	1. No jumper cap insert on mainboard. 2. Incorrect insert of jumper cap. 3. Jumper cap damaged. 4. Abnormal detecting circuit of mainboard.



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