

**Кодове за грешки на модели AUX – Канални, Касети, Таванни, Подови**

ERROR CODE	DESCRIPTION	Causes of possible failure
A1	Fault with the room temperature sensor on the Indoor unit	Damage of the room temperature sensor on the indoor unit
		Poor contact of the room temperature sensor on the indoor unit
		Damage of wiring of the room temperature sensor on the indoor unit
		Damage of the main PCB on the indoor unit
A2	Fault with the temperature sensor in the middle of indoor evaporator	Damage of the temperature sensor on the indoor unit
		Poor contact of the temperature sensor on the indoor unit
		Damage of wiring of the temperature sensor on the indoor unit
A3	Fault with the liquid pipe temperature sensor on the indoor unit	Damage of the liquid pipe temperature sensor on the indoor unit
		Poor contact of the liquid pipe temperature sensor on the indoor unit
		Damage of wiring of the liquid pipe temperature sensor on the indoor unit
A4	Fault with the gas pipe temperature sensor on the indoor unit	Damage of the main PCB on the indoor unit
		Damage of the gas pipe temperature sensor on the indoor unit
		Poor contact of the gas pipe temperature sensor on the indoor unit
A5	Fault with the drainage	Damage of wiring of the gas pipe temperature sensor on the indoor unit
		Float switch disconnected or poor wiring
		Error setting of model parameters
A6	Fault with the Fan motor of indoor unit	Drain plug
		Damage of the pump
		Low voltage
A8	Indoor unit EEPROM module failure	Poor wiring
		Damage of the main PCB on the indoor unit
A9	Communication error between the outdoor unit and the indoor unit	Damage of the motor
		Indoor unit PCB is broken
AA	Communication error between the wired controller and main PCB of the indoor unit	EEPROM module is broken.
		Damage of the main PCB on the indoor unit
		Damage of the main PCB on the outdoor unit
AA	Communication error between the wired controller and main PCB of the indoor unit	Poor wiring
		Damage of the wired controller
AA	Communication error between the wired controller and main PCB of the indoor unit	Damage of the main PCB on the indoor unit

H1	Fault with the high-pressure switch	System pipeline blockage
		Damage of the pressure switch
H4	Fault with the low-pressure switch	Lack of the refrigerant
		Stop valve unopened
		Damage of the pressure switch
C1	Fault with the Environmental temperature sensor on the outdoor unit	Damage of the Environmental temperature sensor on the outdoor unit
		Poor contact of the Environmental temperature sensor on the outdoor unit
		Damage of wiring of the Environmental temperature sensor on the outdoor unit
		Damage of the main PCB on the outdoor unit
C2	Fault with the defrosting temperature sensor on the outdoor unit	Damage of the defrosting temperature sensor on the outdoor unit
		Poor contact of the defrosting temperature sensor on the outdoor unit
		Damage of wiring of the defrosting temperature sensor on the outdoor unit
		Damage of the main PCB on the outdoor unit
C3	Fault with the discharge temperature sensor	Damage of the discharge temperature sensor on the outdoor unit
		Poor contact of the discharge temperature sensor on the outdoor unit
		Damage of wiring of the discharge temperature sensor on the outdoor unit
		Damage of the main PCB on the outdoor unit
C6	Fault with the suction temperature Sensor	Damage of the suction temperature sensor on the outdoor unit
		Poor contact of the suction temperature sensor on the outdoor unit
		Damage of wiring of the suction temperature sensor on the outdoor unit
		Damage of the main PCB on the outdoor unit

C8	Fault with the temperature sensor in the mid of outdoor condenser	Damage of the temperature sensor on the outdoor unit
		Poor contact of the temperature sensor on the outdoor unit
		Damage of wiring of the temperature sensor on the outdoor unit
		Damage of the main PCB on the outdoor unit
J2	Communication error between the outdoor unit and the indoor unit	Damage of the main PCB on the indoor unit
		Damage of the main PCB on the outdoor unit
		Poor wiring
J3	Communication error between the driver PCB and main PCB of the outdoor unit	Damage of the driver PCB on the outdoor unit
		Damage of the main PCB on the outdoor unit
		Poor wiring
J7	Fault with the outdoor unit EPROM	Chip damage
E1	Fault of four-way valve	Damage of four-way valve
		Damage to coil of four-way valve
E3	Protection high temperature discharge	Lack of the refrigerant
		Stop valve unopened
		Damage of the main PCB on the outdoor unit

E8	Fault with anti-high temperature protection of indoor unit in heating model	Outdoor condenser viscera
		Indoor evaporator viscera
FH	Protection lower temperature discharge	Temperature sensor shedding
		Damage of the main PCB on the outdoor unit
31	Fault with the inverter module protection	Fault with the inverter module protection
32	Compressor drive hardware protection	Damage of the EE chip of driver board
33	Module software protection	Supply voltage below level let the current excessive
		Supply voltage exceed limit
		Outdoor fan stops or low speed
34	Compressor start failure	Compressor power line not connected
35	Fault with the over-electric current protection	Excessive running current of the unit
		Voltage drops abruptly in operation
36	Fault with the over-voltage or low voltage protection	Excessive input voltage
		Lower input voltage
37	Fault with the modular temperature sensor on the outdoor unit	Sensor damage of compressor IPM module
38	Fault with the Compressor Power supply Phase efficiency protection	Compressor power line not connected
39	Protection of compressor driving module for excessive temperature	Poor contact between compressor IPM module and radiator
3H	Fault with the Fan motor of outdoor unit	Damage of motor
3C	Overcurrent protection of outdoor DC motor	High speed of DC motor
3J	Overvoltage protection of outdoor DC motor	Low voltage output
3E	Compressor drive PFC software protection	Excessive running current of the unit
		Voltage drops abruptly in operation
3F	Compressor drive PFC hardware protection	Damage of the PFC circuit components
		Reactor damage
41	IPM protection for driving board of outdoor DC fan	Damage of IPM components of DC fan
99	Communication error between the driver PCB and main PCB of the indoor unit	Abnormal power supply of fan driving board
		Poor contact of the communication line of fan drive board
		Damage of fan driving board
9A	Temperature protection of indoor DC fan module B L5	Damage of fan driving board
9H	Failure of indoor DC fan start-up	Damage of fan motor
		High speed of DC motor
9C	Overcurrent protection of indoor DC motor	Excessive running current of fan motor
9J	Overvoltage and undervoltage protection of indoor DC motor	Excessive input voltage
		Lower input voltage
9E	IPM protection for driving board of indoor DC fan	Sensor damage of Dc motor IPM module
9F	EE protection for driving board of indoor DC fan	Damage of EE chip of Driver board

### Кодове за грешки на модели AUX – Мултисплит

Code display in IDU		Fault code description	Possible reason
CA/CF/Duct/Co	WM		
A1	E1	Fault with the room temperature sensor on the N # indoor unit	<ul style="list-style-type: none"> <li>Damage of the room temperature sensor on the indoor unit</li> <li>Poor contact of the room temperature sensor on the indoor unit</li> <li>Damage of wiring of the room temperature sensor on the indoor unit</li> <li>Damage of the main PCB on the indoor unit</li> </ul>
A2	E3	Fault with the temperature Sensor in the Middle of N # indoor evaporator	<ul style="list-style-type: none"> <li>Damage of the temperature sensor on the indoor unit</li> <li>Poor contact of the temperature sensor on the indoor unit</li> <li>Damage of wiring of the temperature sensor on the indoor unit</li> <li>Damage of the main PCB on the indoor unit</li> </ul>
A3	H3	Fault with the liquid pipe temperature sensor on the N# indoor unit	<ul style="list-style-type: none"> <li>Damage of the liquid pipe temperature sensor on the indoor unit</li> <li>Poor contact of the liquid pipe temperature sensor on the indoor unit</li> <li>Damage of wiring of the liquid pipe temperature sensor on the indoor unit</li> <li>Damage of the main PCB on the indoor unit</li> </ul>
A4	H4	Fault with the gas pipe temperature sensor on the N# indoor unit	<ul style="list-style-type: none"> <li>Damage of the gas pipe temperature sensor on the indoor unit</li> <li>Poor contact of the gas pipe temperature sensor on the indoor unit</li> <li>Damage of wiring of the gas pipe temperature sensor on the indoor unit</li> <li>Damage of the main PCB on the indoor unit</li> </ul>

Code display in IDU		Fault code description	Possible reason
CA/CF/Duct/Co	WM		
C1	F6	Fault with the environmental temperature sensor on the outdoor unit	Damage of the Environmental temperature sensor on the outdoor unit Poor contact of the Environmental temperature sensor on the outdoor unit Damage of wiring of the Environmental temperature sensor on the outdoor unit Damage of the main PCB on the outdoor unit
C3	F4	Fault with the discharge temperature sensor	Damage of the discharge temperature sensor on the outdoor unit Poor contact of the discharge temperature sensor on the outdoor unit Damage of wiring of the discharge temperature sensor on the outdoor unit Damage of the main PCB on the outdoor unit
C6	FA	Fault with the suction temperature sensor	Damage of the suction temperature sensor on the outdoor unit Poor contact of the suction temperature sensor on the outdoor unit Damage of wiring of the suction temperature sensor on the outdoor unit Damage of the main PCB on the outdoor unit
C8	E2	Fault with the Temperature Sensor in the middle of Outdoor condenser	Damage of the temperature sensor on the outdoor unit Poor contact of the temperature sensor on the outdoor unit
C2		Fault with the Defrosting Temperature Sensor on Outdoor	Damage of wiring of the temperature sensor on the outdoor unit Damage of the main PCB on the outdoor unit

### 1.2 Communication fault (CA/ CF/ Duct / Co NO.3; WM NO.5 )

Code display in IDU		Fault code description	Possible reason
CA/CF/Duct/Co	WM		
A9	5E/E5	Communication error between the outdoor unit and the N # indoor unit	Damage of the main PCB on the indoor unit Damage of the main PCB on the outdoor unit poor wiring
AA	E8/H2	Communication error between the wired controller and main PCB of the N# indoor unit	poor wiring Damage of the wired controller Damage of the main PCB on the indoor unit
D3(J3)	F8	Communication error between the driver PCB and main PCB of the outdoor unit	Damage of the driver PCB on the outdoor unit Damage of the main PCB on the outdoor unit poor wiring

### 1.3 IDU fault (CA/ CF/ Duct / Co NO.3; WM NO.3)

Code display in IDU		Fault code description	Possible reason
CA/CF/Duct/Co	WM		
A5	H1	Fault with the drainage on N# Indoor unit	Float switch disconnected or poor wiring Error setting of model parameters Drain plug Damage of the pump
A6	E4	Fault with the Fan motor of N # indoor unit	Low voltage poor wiring Damage of the main PCB on the indoor unit Damage of the motor
AD	P7	Indoor anti-freezing protection	Dirty Blockage of evaporator Indoor fan abnormal

### 1.4 Refrigerant circuit fault (CA/ CF/ Duct / Co NO.6; WM NO.6)

Code display in IDU		Fault code description	Possible reason
CA/CF/Duct/Co	WM		
E3	P5	High discharge temperature Protection	Lack of the refrigerant Stop valve unopened Damage of the main PCB on the outdoor unit
E8	P4/P6	Cooling: high temperature Protection of outdoor unit Heating: high	Cooling: Poor condenser heat exchange Heating: Poor evaporator heat exchange

		temperature Protection of indoor unit	
<b>F6/H4</b>	<b>H7</b>	Low pressure protection	Lack of the refrigerant Heat exchanger viscera
<b>FH</b>	<b>H5</b>	Lower discharge temperature protection	temperature sensor shedding Damage of the main PCB on the outdoor unit
<b>(B5)H5</b>	<b>P3</b>	Lack of refrigerant	Lack of the refrigerant Stop valve unopened

**1.5 ODU components fault (CA/ CF/ Duct / Co NO.7; WM NO.12)**

Code display in IDU		Fault code description	Possible reason
CA/CF/Duct/Co	WM		
<b>(B1)H1</b>	<b>P2</b>	High pressure Switch Protection	System dirty blocking Damage of High Voltage Pressure Switch
<b>H4</b>	<b>H6</b>	Low pressure switch protection	Lack of the refrigerant Stop valve unopened damage of low press switch
<b>E1</b>	<b>H8</b>	Fault of four-way valve	Damage of four-way valve Damage to coil of four-way valve
<b>34</b>	<b>F3/LA/L2 /L3</b>	Compressor failed to start	Compressor power line not connected Compressor sequence connection error Damage of compressor
<b>3E</b>			
<b>3B(3H)</b>	<b>F0/LD/LE/LF</b>	Fault with the Fan motor of outdoor unit	Damage of motor
<b>3C</b>	<b>LF</b>	Outdoor DC Fan Out-of-step Protection & over current protection	DC motor failure High Speed of DC Fan System dirty blocking

**1.6 ODU electric control fault (CA/ CF/ Duct / Co NO.10; WM NO.20)**

Code display in IDU		Fault code description	Possible reason
CA/CF/Duct/Co	WM		
<b>31</b>	<b>F1/L1/L4 /L7/L8</b>	IPM Module failure protection	compressor damage compressor IPM Module damage system blockage
<b>32</b>	<b>F9</b>	Compressor drive	chip damage

<b>D7(J7)</b>		hardware protection & Fault with the outdoor unit EEPROM	
<b>35</b>	<b>P8/J8</b>	Over-current Protection of the compressor drive modular	Excessive running current of the unit Voltage drops abruptly during operation
<b>36</b>	<b>F7/L0</b>	Over-voltage Protection of the compressor drive modular	Excessive input voltage Lower input voltage
<b>37</b>	<b>HE/HF</b>	Abnormal temperature sensor in IPM/PFC module	Driver board IPM/PFC module device is broken
<b>39</b>	<b>L9</b>	Temperature of compressor drive modular too high protection	Compressor IPM Module sensor damage Poor contact between compressor IPM module and radiator
<b>3J</b>	<b>LD</b>	AD Abnormal Protection for Outdoor DC Fan Current Detection	Abnormal component of the fan driver modular
<b>3F</b>	<b>F2/L5/ L6/LC</b>	Compressor drive PFC protection	Damage of the PFC circuit components Reactor damage
<b>41</b>	<b>LH</b>	IPM Protection of Outdoor DC Fan drive modular	The IPM Device of DC Motor is Bad