

5. Troubleshooting

5-1 Special Precautions

5-1-1 Check the voltage of the of power source.

The input voltage shall be,

MODEL NAME	POWER TYPE
AW05M0YEA/EB	220-240V~,50Hz
AW05M0YBA	220V~,60Hz
AW05**YA*	115V~,60Hz

The air conditioner may not operate properly if the voltage is out of this range.

5-1-2 Check weak and fragile parts.

5-1-3 Check the connection of terminals.

5-1-4 When a malfunction occurs:

No	Trouble	Checkpoints	Possible cause
①	Compressor does not run.	<ol style="list-style-type: none">1. Check the thermostat position.2. Check the connection of the lead wire.3. Check the over load protector.4. Check the compressor.5. Check the position of the select switch.	<ol style="list-style-type: none">1. Setting temp is lower than room temp.2. Disconnection of the lead wire.3. O.L.P is faulty4. Compressor is faulty
②	Motor does not run.	<ol style="list-style-type: none">1. Check the connection of the lead wire & switch.2. Check the motor3. Check whether the unit is deicing.	<ol style="list-style-type: none">1. Disconnection of the lead wire2. Switch is faulty.3. Motor is faulty.4. The unit is operating on the deice mode.
③	Low cooling capacity	<ol style="list-style-type: none">1. Check the refrigerant leakage.2. Check the evaporator condition. (freezing, blocked with dusts, etc.) * Difference of temp. exists between the suction side and the discharge side at least 12 C. * Standard condition Indoor : 27 C outdoor : 35 C	<ol style="list-style-type: none">1. Caused by the pipe crack.2. Shortage of refrigerant.3. Clean the evaporator & air filter.
④	Noise	<ol style="list-style-type: none">1. Check vibration of the pipe.2. Check the propeller fan and blower (not loose or broken).3. Check bearing noise of the motor.4. Check the compressor noise against.	<ol style="list-style-type: none">1. Pipes are contact with the other parts.2. The hex. nut is loose3. The parts are broken4. Motor is faulty5. Compressor is faulty that of other compressors.

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