

Table 7-1a

NO.	MALFUNCTION & PROTECTION DEFINE	LED1 OPERATION	LED2 TIMER	LED3 DEF.FAN	LED4 ALARM	DISPLAY DIGITAL TUBE
1	Indoor fan motor speed out of control			⊙	⊙	E8
2	In-Outdoor unit COMM. Checking channel is abnormal		⊙			E1
3	Room TEMP. sensor checking channel is abnormal	⊙				E2
4	Pipe TEMP. Sensor checking channel is abnormal(T2)	⊙				E3
5	Pipe TEMP. Sensor checking channel is abnormal(T2B)	⊙				E4
6	EPPROM malfunction			⊙		E7
7	Water-level alarm malfunction				⊙	EE
8	Outdoor malfunction				○	Ed
9	Indoor twins communication malfunction		⊙		⊙	F3
10	Other malfunction of twins	⊙			⊙	F4
		● Light	⊙ Flashing at 2.5HZ	○ Flashing at 0.5HZ		

**Applicable to inverter air conditioner only**

Table 7-1b

暗	MALFUNCTION & PROTECTION DEFINE	LED1 OPERATION	LED2 TIMER	LED3 DEF.FAN	LED4 ALARM	DISPLAY DIGITAL TUBE
	Room temperature sensor checking channel is abnormal		⊙			E2
	Pipe temperature sensor checking channel is abnormal	⊙				E3
	Outdoor TEMP. sensor checking channel is abnormal			⊙		E4
	Outdoor malfunction	⊙	⊙	⊙	⊙	E6
	Pump temperature sensor malfunction				⊙	E5
	EEPROM malfunction	⊙	⊙			E7
	Water-level alarm malfunction				⊙	E8
		● Light	⊙ Flashing at 5HZ	○ Flashing at 1HZ		

**Applicable to fixed-frequency air conditioner only**

Table 7-2

Symptoms	Causes	Solution
Unit does not start	<ul style="list-style-type: none"> <li>Power failure.</li> <li>Power switch is off.</li> <li>Fuse of power switch may have burned.</li> <li>Batteries of remote controller exhausted or other problem of controller.</li> </ul>	<ul style="list-style-type: none"> <li>Wait for the comeback of power.</li> <li>Switch on the power.</li> <li>ReplLocation:</li> <li>Replace the batteries or check the controller.</li> </ul>
Air flowing normally but completely can't cooling	<ul style="list-style-type: none"> <li>Temperature is not set correctly.</li> <li>Be in 3 minutes protection of compressor.</li> </ul>	<ul style="list-style-type: none"> <li>Set the temperature properly.</li> <li>Wait.</li> </ul>
Units start or stop frequently	<ul style="list-style-type: none"> <li>Refrigerant is too little or too much.</li> <li>Air or no concretingc gas in the refrigerating circuit.</li> <li>Compressor is malfunction.</li> <li>Voltage is too high or too low.</li> <li>System circuit is blocked.</li> </ul>	<ul style="list-style-type: none"> <li>Check leakage, and rightly recharge refrigerant.</li> <li>Vacuum and recharge refrigerant.</li> <li>Maintenance or change compressor.</li> <li>Install manostat.</li> <li>Find reasons and solution.</li> </ul>
Low cooling effect	<ul style="list-style-type: none"> <li>Outdoor unit and indoor unit heat exchanger is dirty.</li> <li>The air filter is dirty.</li> <li>Inlet/outlet of indoor/outdoor units is blocked.</li> <li>Doors and windows are open</li> <li>Sunlight directly shine.</li> <li>Too much heat resource.</li> <li>Outdoor temp. is too high.</li> <li>Leakage of refrigerant or lack of refrigerant.</li> </ul>	<ul style="list-style-type: none"> <li>Clean the heat exchanger.</li> <li>Clean the air filter.</li> <li>Eliminate all dirties and make air smooth.</li> <li>Close doors and windows.</li> <li>Make curtains in order to shelter from sunshine.</li> <li>Reduce heat source.</li> <li>AC cooling capacity reduces (normal).</li> <li>Check leakage and rightly recharge refrigerant.</li> </ul>
Low heating effect	<ul style="list-style-type: none"> <li>Outdoor temperature is lower than 7°C</li> <li>Doors and windows not completely closed.</li> <li>Leakage of refrigerant or lack of refrigerant.</li> </ul>	<ul style="list-style-type: none"> <li>Use heating device.</li> <li>Close doors and windows.</li> <li>Check leakage and rightly recharge refrigerant.</li> </ul>

Table 7-3

Symptoms	Solution	Causes
The fan speed can not be changed.	<ul style="list-style-type: none"> <li>Check whether the MODE indicated on the display is "AUTO"</li> </ul>	When the automatic mode is selected, the air conditioner will automatically change the fan speed.
	<ul style="list-style-type: none"> <li>Check whether the MODE indicated on the display is "DRY"</li> </ul>	When dry operation is selected, the air conditioner automatically change the fan speed. The fan speed can be selected during "COOL", "FAN ONLY", and "HEAT"
The wire controller signal is not transmitted even when the ON/OFF button is pushed.	<ul style="list-style-type: none"> <li>Check whether the signal transmitter of the wire controller is properly directed to the infrared signal receiver of the indoor unit.</li> </ul>	The power supply is off.
The TEMP. indicator does not come on.	<ul style="list-style-type: none"> <li>Check whether the MODE indicated on the display is FAN ONLY</li> </ul>	The temperature cannot be set during FAN mode.
The indication on the display disappears after a lapse of time.	<ul style="list-style-type: none"> <li>Check whether the timer operation has come to an end when the TIMER OFF is indicated on the display.</li> </ul>	The air conditioner operation will stop up to the set time
The TIMER ON indicator goes off after a lapse of certain time.	<ul style="list-style-type: none"> <li>Check whether the timer operation is started when the TIMER ON is indicated on the display.</li> </ul>	Up to the set time, the air conditioner will automatically start and the appropriate indicator will go off.
No receiving tone sounds from the indoor unit even when the ON/OFF button is pressed.	<ul style="list-style-type: none"> <li>Check whether the signal transmitter of the wire controller is properly directed to the infrared signal receiver of the indoor unit when the ON/OFF button is pressed.</li> </ul>	Directly transmit the signal transmitter of the wire controller to the infrared signal receiver of the indoor unit, and then repeatedly push the ON/OFF button twice.