

TROUBLESHOOTING

# AIR CONDITIONER

**KTIR**  
*SERIES*

**KLIMAIRE<sup>®</sup> ≈**

Thank you very much for purchasing our air conditioner, please read this owner's manual carefully before using your air conditioner

## TROUBLES AND CAUSES

Before you ask for servicing or repairs, check the following points.

### Recheck

#### Inoperative

- The power fuse is blown or the circuit breaker has been tripped.
- The batteries in the remote controller are exhausted.
- The timer is set.

#### Does not cool or heat well.

- The air inlet or outlet of the outdoor unit is blocked.
- Doors or windows are open.
- The air filter is clogged with dust.
- The louver is not at the correct position.
- The fan speed is set to low.
- The temperature setting is too high or too low.

### These are not failures

#### Room air is smelly.

A bad odor comes from the air conditioner.

- Smells impregnated in the wall, carpet, furniture, clothing, or furs, are coming out. A white mist of chilled air or water is generated from the outdoor unit.

#### CAUTION

If any of the following conditions occur, stop the air conditioner immediately, set to off the power switch, and contact the dealer:

- The indicator lamps flash rapidly (five times per second), you disconnect the unit with the power and then connect the unit with the power again after two or three minutes but the lamps still flash.
- Switch operations are erratic.
- The fuse is blown frequently or the circuit breaker is tripped frequently.
- Foreign matter or water has fallen inside the air conditioner.
- Any other unusual condition is observed.

## TROUBLES AND CAUSES (CONCERNING REMOTE CONTROLLER)

Before you ask for servicing or repairs, check the following points.

Setting Change is Impossible		
Symptoms	Causes	Reason and Disposal
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 automatically selects 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 select the fan speed. The fan speed can be selected during "COOL" and "FAN ONLY", and "HEAT"

The Transmission Indicator "▲" Never Comes On		
Symptoms	Causes	Reason and Disposal
The remote control signal is not transmitted even when the ON/OFF button is pushed.	<ul style="list-style-type: none"> <li>• Check whether the batteries in the remote controller are exhausted.</li> </ul>	The remote control signal is not transmitted, because the power supply is off.

The Display Never Comes On		
Symptoms	Causes	Reason
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". <b>FAN ONLY</b></li> </ul>	The temperature cannot be set during fan only operation.

The Display Goes Off		
Symptoms	Causes	Reason
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 OFF TIMER is indicated on the display.</li> </ul>	The air conditioner operation stops since the set time elapsed.
The ON TIMER indicators go off after a lapse of certain time.	<ul style="list-style-type: none"> <li>• Check whether the timer operation is started when the ON TIMER is indicated on the display.</li> </ul>	When the time set to start the air conditioner is reached, the air conditioner will automatically start and the appropriate indicator will go off.

The Signal Receiving Tone does Not Sound		
Symptoms	Causes	Disposal
No receiving tone sounds from the indoor unit even when the ON/OFF button is pushed.	<ul style="list-style-type: none"> <li>• Check whether the signal transmitter of the remote controller is properly directed to the receiver of the indoor unit when the ON/OFF button is pushed.</li> </ul>	Direct the signal transmitter of the remote controller to the receiver of the indoor unit, and then repeatedly push the ON/OFF button twice.
Buttons on the remote controller don't work.		Press Reset button.

**The following displays indicate an error or problem:**

NO	Malfunction	Display (nixie tube)	timer lamp	running lamp (flashes per second)
1	<b>Indoor EEPROM error</b>	E0.	OFF	1
2	Communication malfunction between indoor and outdoor units	E1.	OFF	2
3	Indoor fan speed malfunction	E3.	OFF	4
4	Indoor room temperature sensor open circuit or short circuit	E4.	OFF	5
5	Evaporator coil temperature sensor open circuit or short circuit	E5.	OFF	6
6	Refrigerant leakage detection malfunction	EC.	OFF	7
7	Water-level alarm malfunction	EE.	OFF	8
8	Communication malfunction between two indoor units (for twins model)	E8.	OFF	9
9	Other malfunction of twins model	E9.	OFF	10
10	Current overload protection	F0.	ON.	1
11	Outdoor room temperature sensor open circuit or short circuit	F1.	ON.	2
12	Outdoor condenser pipe temperature sensor error	F2.	ON.	3
13	Discharging air temperature sensor error	F3.	ON.	4
14	Outdoor EEPROM error	F4.	ON.	5
15	Outdoor fan speed malfunction (Only for DC fan motor)	F5.	ON.	6
16	T2b sensor error	F6.	ON.	7
17	Lifting panel communication checking channel is abnormal	F7.	ON.	8
18	Lifting panel malfunction	F8.	ON.	9
19	Lifting panel is not closed	F9.	ON.	10
20	Inverter module IPM protection	P0.	Flash.	1
21	High/Low voltage protection	P1.	Flash.	2
22	High temperature protection of compressor top	P2.	Flash.	3
23	Outdoor low temp. Protection	P3.	Flash.	4
24	Compressor drive error	P4.	Flash.	5
25	Mode conflict	P5.	Flash.	6

The displayed error code differs from appliance to appliance. The actual display of the indoor unit shall prevail.



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2190 NW 89 Place, Doral, FL 33172 - USA

Tel: (305)594-4972      Fax (305) 499 4378  
[www.klimaïre.com](http://www.klimaïre.com)      [sales@klimaïre.com](mailto:sales@klimaïre.com)