

OPERRATION

English

Operating Guide

Normal Operating Sounds

The following sounds are normally heard during the operation of an air conditioner.

- Cool airflow movement as dictated by the set fan speed.
- Water sounds. This is normal as your air conditioner acts as a dehumidifier also. Thus you will hear water sounds from water drops falling on the condenser.
- As the refrigerant flows through the inner sealed tubing a rushing noise may be heard.
- Rattling or vibrating noises may be heard due to poor wall or window installation.
- High pitch compressor sound may be heard.

Operating Instructions

Following are the operating instructions of your electronic air conditioner.

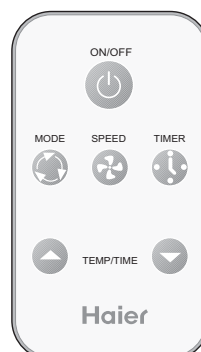
Remote control and control panel operations

After installing your air conditioner plug it in to the proper electrical outlet in the wall. Keep the vent in the closed position. Now set the air conditioner at your comfort level. This full functional wireless remote allows you to operate your air conditioner without having to get up and go to the unit. The full function feature allows you to change the settings and turn the unit on or off from the remote itself. This control pad works the same as the control pad on the air conditioner.

(See Fig. # 1)

Fig. # 1

Remote Control



English

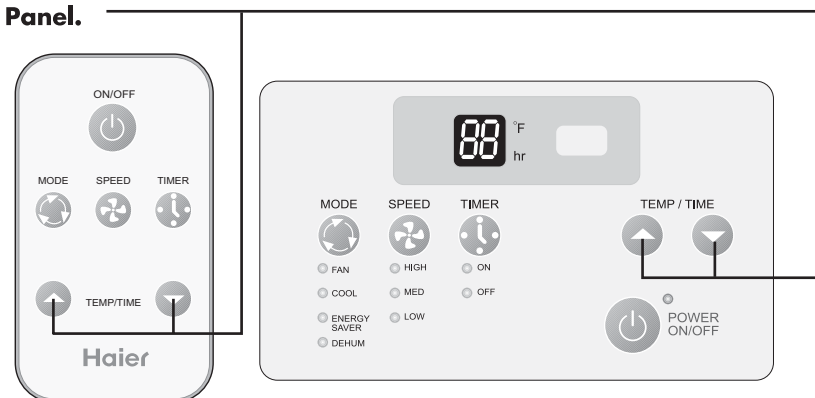
After you plug in the unit it will perform a self test. All the display lights will turn on for 3 seconds. The LED display will read "88". If any display light fails to turn on you may need service on the unit. After the 3 seconds self test the unit will automatically go to the stand by mode. Now all lights will be off and you will have to turn "ON" by pressing the On/Off key. After pressing "On/Off", the unit starts to work and enters the status of "Fan" with low setting.

You will have to press the (▲) or (▼) key on the Temp/Time to set the temperature at your desired comfort. You can choose between 61°F and 86°F. Once the temperature is set you can raise or lower it by pressing the (▲) or (▼) keys. (Only when the unit is cooling, energy saver or dehumidifying, can the temperature setting be adjusted.) (See Fig. # 2)

Having set the temperature you will set the function of the air conditioner.

Fig. # 2

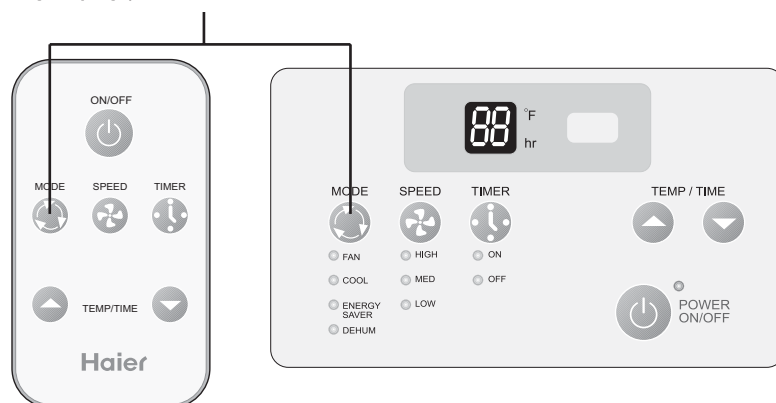
Control Panel.



Every time you press the MODE button, it will change between FAN, COOL, ENERGY SAVER and DEHUM. (See Fig. # 3)

English

Fig. # 3
Control Panel.



Once the function mode is decided you will have to set the fan speed. (See fig. #4)
Every time you press the SPEED button, fan speed will change between LOW, HIGH, MED.

1) If you choose the COOL mode you can run the fan in one of the 3 speeds HIGH, MED, LOW.

2) For cool days you may want to run the "FAN" function. The fan can be set to run at 3 speeds (HIGH fan, MED fan, LOW fan) as desired by you.

3) If you choose to use the Dehumid function. This will remove excess moisture from the air on excessively humid days.

Tr: temperature inside the room.

Ts: the set temperature.

1) When $T_r > T_s + 3\text{ }^\circ\text{F}$, the compressor will run continuously the fan at the selected speed.

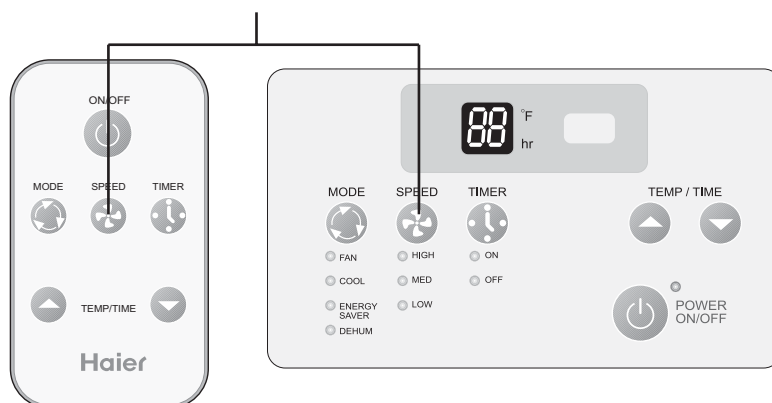
2) When $T_s - 1\text{ }^\circ\text{F} \leq T_r \leq T_s + 3\text{ }^\circ\text{F}$ the compressor will cycle for 10 minutes on and 6 minutes off.

3) When $T_r < T_s - 1\text{ }^\circ\text{F}$, the compressor will shut off.

The dehumidification process takes place between the set temperature - 1 and 3 °F above the set temperature.

4) Energy Saver : The unit runs the same as COOL setting in the ENERGY SAVER mode. But the fan will be off 3 minutes after the compressor cycle off.

Fig. # 4
Control Panel.



Timer on or Timer off mode is used to pre-start or shut off your unit in advance. You can program this up to 24 hours in advance. You can use the Timer in 4 functions i.e. COOL, Energy saver, Dehumid or Fan .

- Timer on (See Fig. # 5)

Unit must be on to set the timer. Unit will shut down automatically after it accepts the settings in 5 seconds. Use this mode to pre-set the start time of the unit 24 hours in advance.

a) Press TIMER ON, LED display will show "XX" (time set last time) when power is connected first time, LED display will show "01".

b) Set desired number of hours by pressing the (▲) pad of the Temp/Time buttons, one for each hour. If you passed the desired time use the (▼) pad key to lower the selection.

c) After set TIMER ON, LED display will show the time. This time displayed: unit will starts after X hours.

- Timer off (See Fig. # 5)

Unit must be running to set the timer off. Use this to preset the time you would like the unit to shut off.

a) Press TIMER OFF, LED display will show "XX" (time set last time) when power is connected first time, LED display will show "01".

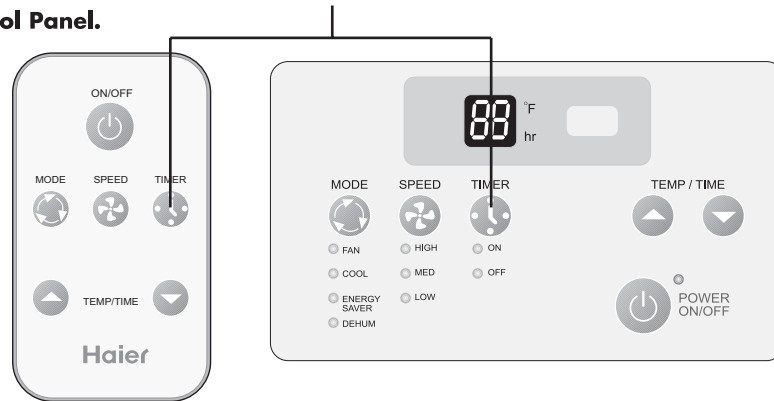
b) Set desired number by pressing the (▲) pad of the Temp/Time buttons. One for each hour. If you passed the desired time, use the (▼) pad key to lower the selection.

c) After set TIMER OFF, LED display will show the room temperature about 5 seconds later.

When using the timer the unit will use/revert to the last COOL and fan settings when activated. The timer must be reset every time you choose to use it.

English

Fig. # 5
Control Panel.

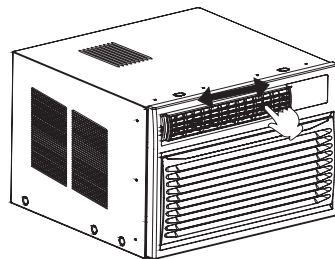


Adjusting the Air Flow Direction

Airflow can be adjusted by changing the direction of the air conditioner's louvers. This can also increase the cooling efficiency of the air conditioner.

Adjusting Horizontal Air Flow Direction

Adjusting the vertical louvers left and right will change horizontal airflow.



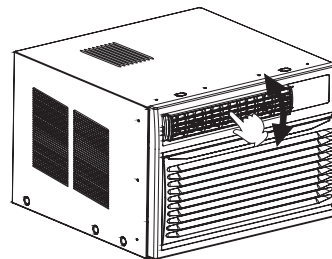
Adjusting Horizontal Air Flow

Recommended orientation of louvers

Adjust louvers to face upwards when cooling to maximize cooling efficiency.

Adjusting Vertical Air Flow Direction

Adjusting the Horizontal vane up and down will change vertical airflow. The vane can be adjusted by nudging the back or up and down of the vane.



Adjusting Vertical Air Flow