



Wall Mounted Mini Split Heat Pump Air Conditioner

OPERATING AND INSTALLATION MANUAL
Model: KFIHP-09-ID / KFHP-09-OD
KFHP-12-ID / KFHP-12-OD



Indoor Unit.



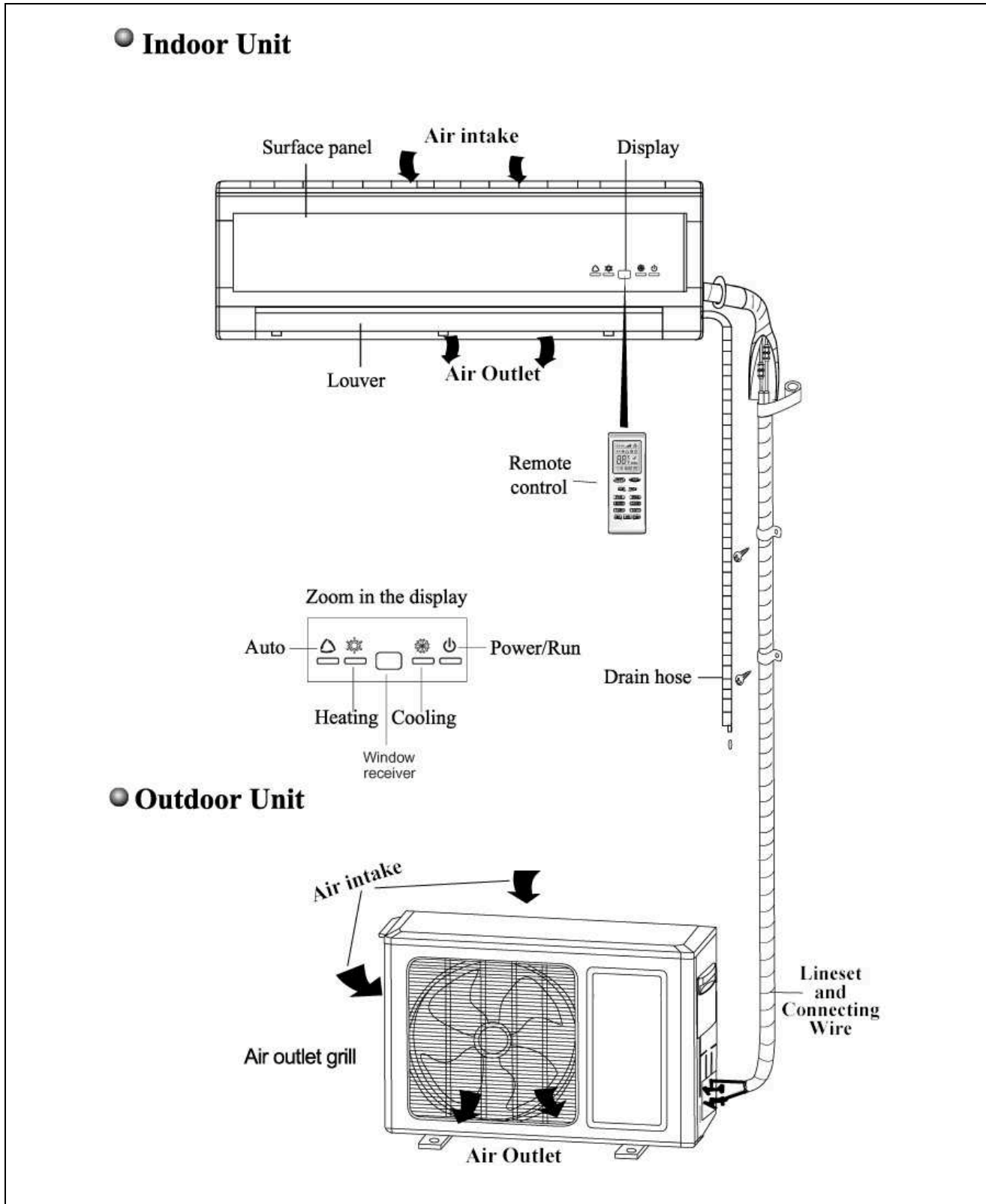
Outdoor Unit.

Thank you for selecting Soleus Air. To ensure proper operation, please read this manual and keep it for future reference.




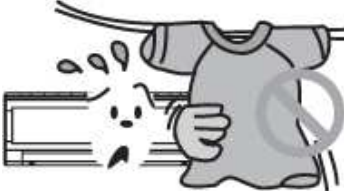


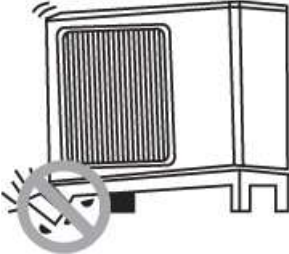


Structure and Operation

◆ Name of Each Part

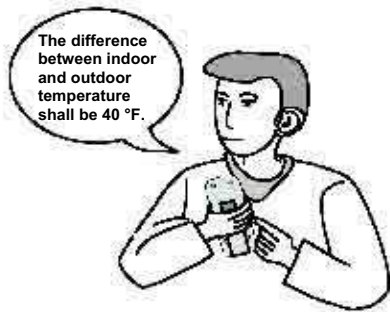


◆ The Instructions before Use

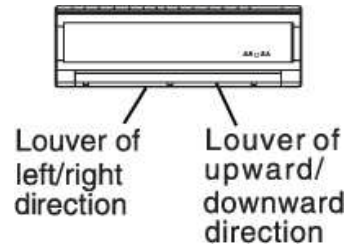
Warning	
<p>★Grounding: The unit must be properly grounded.</p> 	<p>★Disconnect the power when the unit is not being used for extended periods of time.</p>
<p>★Don't attempt to repair the air conditioner by yourself. There are no user replaceable parts. Please contact your authorized dealer.</p> 	<p>★If your air conditioner malfunctions, discontinue use and call your authorized dealer.</p> 
<p>★Never block the air inlet or outlet of indoor and outdoor unit.</p> 	<p>★Don't step on the top of the outdoor unit or place something on it.</p> 
<p>★Never store flammable liquids near your air conditioner.</p> 	<p>★The condensing unit should be securely mounted to avoid damage.</p> 

◆ The Instructions before Use

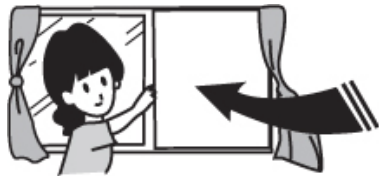
★ Set the room temperature appropriately.



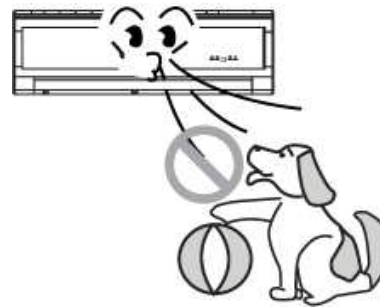
★ Adjust the air flow and direction properly. When the air conditioner is running, you can press the SWING key on the remote control to adjust the guide louver and change the direction of air flow.



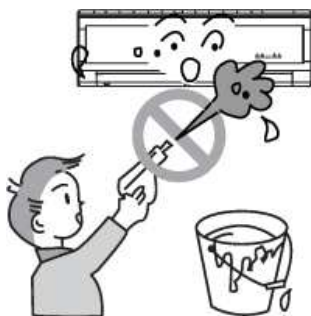
★ Close all doors & windows for efficient operation.



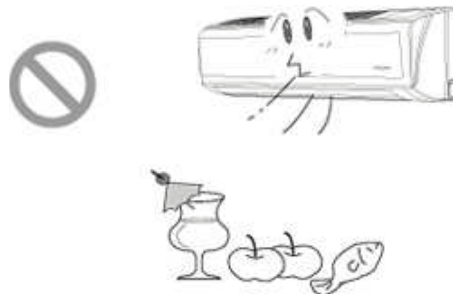
★ To avoid harm to your pets or plants, never direct the airflow at them.



★ To avoid damage or electric shock, never spray liquid onto the unit.



★ This air conditioner cannot be used for drying clothes or refrigerating foods.



◆ Remote Control Operation

Function-Remote control

Note:

- Don't drop the remote control.
- Don't place the remote control in a location exposed to direct sunlight.
- When the unit is restarted after stopped, it will automatically resume its last running mode, and the outdoor unit will start there after.

TEMP+ TEMP- Button:

Under the COOL, DRY, FAN or HEAT mode, press these two buttons could set the temperature, the temp. setting range is 60.8°F -86°F, the temp. can be memorized under each mode.

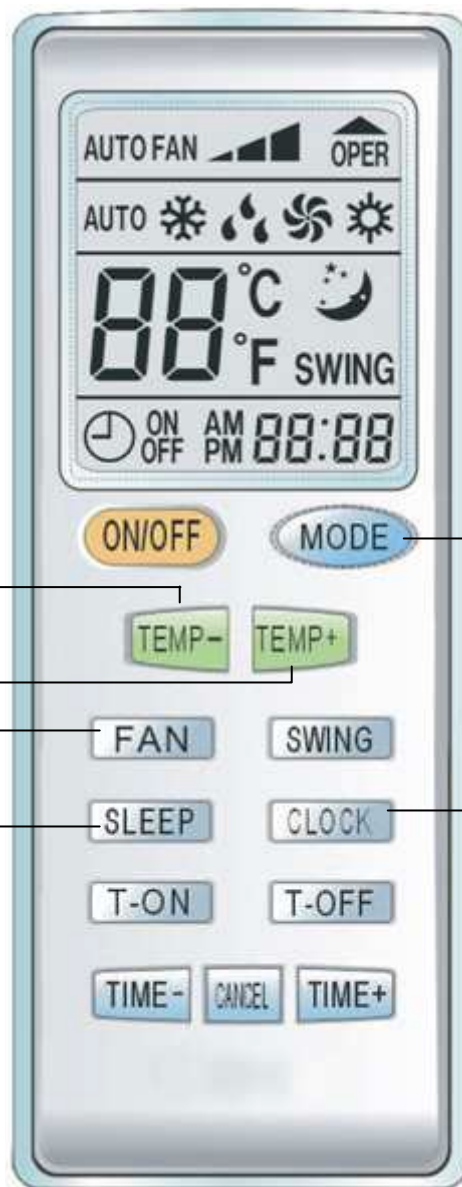
FAN SPEED Button:

When the unit starts up, under the AUTO, COOL, FAN or HEAT mode, press this button and select Auto fan, Low fan, Middle fan, High fan. At DRY mode, the fan speed runs at Low fan speed. The FAN SPEED can be memorized under various modes.



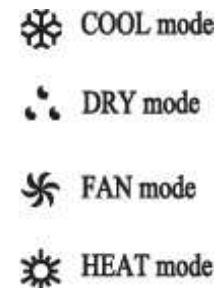
SLEEP Button:

Under COOL, DRY & HEAT mode, press the button once to start the SLEEP function, when pressed again, it will stop.



MODE Button:

When the unit is turned on, press this button. The AUTO, COOL, DRY, FAN or HEAT mode can then be selected.



CLOCK Button:

When pressing this button once, the icon of CLOCK will flash, and can be adjusted. At CLOCK adjustment, press the TIME+ once, the ones placed on the minute will be increased 1, and continuously press 1 sec above, the tens place on the minute will be increased 1 in every half second. When pressing the TIME-, the ones placed on the minute will be decreased 1, and continuously press 1 sec above, the tens place will be decreased 1 in every half second. After adjusting please press the CLOCK button again for confirming.

◆ Remote Control Operation (Continued)

Liquid Crystal Display.
It shows all set contents.

ON/OFF Button
Press ON.
Press OFF.

T-ON Button.
When pressing this button once, enter into T-ON setting, the icon of T-ON flash, every press of TIME+, the time of T-ON will be increased 1min. When continuously press 1 sec above, the tens placed on minute will be increased 1, every press of TIME- will be decreased 1 minute, when continuously press 1 sec above, the tens placed on minute will be decrease 1 in every half second, and it goes round with 12 hours.

SWING Button:
Press once to have louvers swing [oscillate]. Press twice in one second the panel light will turn on. Press twice again and the light will turn off.

T-OFF Button
Press this button once to enter into T-OFF setting, the icon of T-OFF will flash, the T-OFF button is available in ON or OFF mode, the setting method is the same with T-ON.

CANCEL Button
Pressing this button will cancel timer.

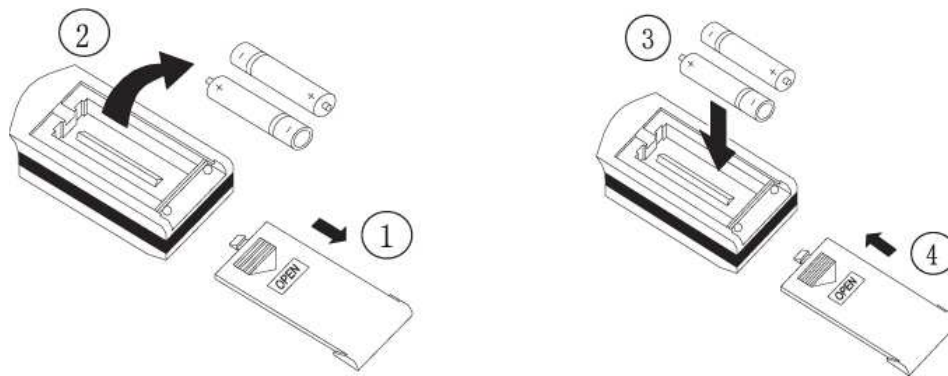
TIME+ TIME- Button
Function instruction please refer to T-ON button, T-OFF button, CLOCK button.

◆ How to Insert Batteries

1. Remove the cover from the back of the remote control.
2. Insert the two batteries (Two AAA dry-cell batteries).
3. Re-attach the cover.

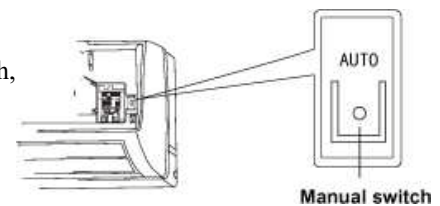
NOTE:

- Don't mix different batteries.
- Remove batteries when not in use for a longtime.
- The batteries can be used for about one year.
- Keep remote at least 3.28 feet from TV's and other electronic devices.



Emergency running

When the wireless remote control is lost or broken, please use the manual switch, It will start in AUTO mode, the temperature setting and fan speed cannot be changed. Please use a ball point pen or similar device to operate switch.



Turn on the unit: By pressing the Manual Switch the unit will start in AUTO automatically. The microcomputer will adjust to the indoor temperature by selecting (COOL, HEAT, FAN), in order to achieve a comfortable condition.

- Turn off the unit: When unit is running, press the manual switch STOP button, the unit will stop running.

◆ Operation

The general procedure:

1. Power the unit and a buzzer will sound. Power/Run indication is red and the air conditioner is waiting to run.
(Note: Once the air conditioner plugs to power supply or receives the signal of remote control, the buzzer will send out the desirable sound.)
2. Press ON/OFF button, Power/Run indication is green and shows the running mode (Cooling, Heating, and Auto), and then the air conditioner starts running.
3. Press MODE button to select desired running mode.
4. Press SWING button to automatically swing and stop when repress it.
5. Press FAN button to set desired fan speed.
6. Press TEMP. button to set desired temperature.

Procedure for SLEEP mode:

7. Press SLEEP button to set the sleep.
8. Press TIMER button to set the present ON TIME or OFF TIME.

Note:

In AUTO mode, the unit will automatically adjust its running modes according to the room temperature changes.

Care and Maintenance

◆ Care and Maintenance

CAUTION:

- ▲ Turn power off and pull out the power cord before cleaning air conditioner.
- ▲ Never sprinkle water on the indoor unit and the outdoor unit for cleaning because it can cause an electric shock.
- ▲ Volatile Liquid (e.g. thinner or gasoline) will damage the air conditioner. (So wipe the units with a dry soft cloth, or a cloth slightly moistened with water or cleanser.)

Clean the front panel (Don't remove the front panel when cleaning)

When the indoor unit front panel is dirty, please use the cloth which is soaked in the warm water under 104°F, then dry it and wipe the dirty places.

NOTE:

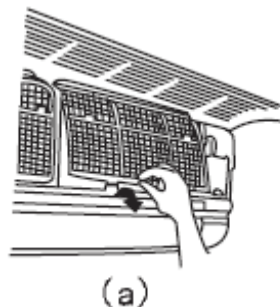
There are microcomputer components and circuit board on the displayer of the indoor unit front panel, never let it dip in the water.

Cleaning the Air Filters (Recommended once every three months)

The air filters should be cleaned more frequently in dusty conditions.

1. Take down the air filter

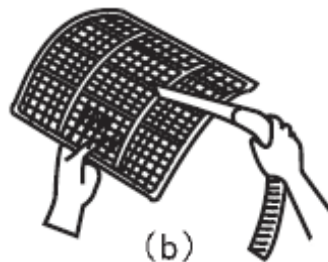
Open the surface panel, hold the tab of air filter and raise it slightly, and then take it out along the direction of arrows (See the right figure).



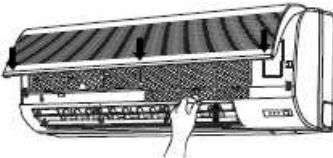


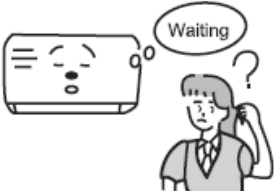

2. Cleaning

To clear the dust adhering to the filters, you can either use a vacuum cleaner, or wash them with water and dry it in the shade (See the right figure).




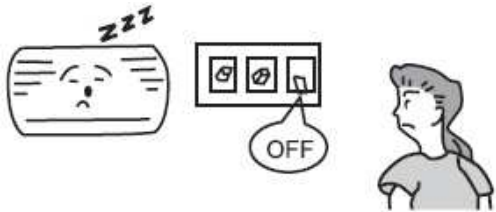


Note: Never use water above 113°F to wash the filters, or it could cause deformation or discoloration. Never parch it by fire, or it could cause a fire or deformation.



◆ Care and Maintenance (Continued)

<p>3. Reinsert the filters Reinsert the filters along the direction of arrow, then cover the surface panel and clasp it.</p>	
<p>Check before Use</p>	
<ol style="list-style-type: none"> 1. Be sure that nothing obstructs the air outlet and intake vents. 2. Verify that the unit is properly grounded. 3. Always use new batteries. 4. Verify condenser is properly mounted. 	
<p>Maintain after Use</p>	
<ol style="list-style-type: none"> 1. Clean filters and other parts. 2. Turn main power off. 3. Clean dust from the outdoor unit. 	
<p>◆ Trouble Shooting</p> <p>Warning: Don't attempt to repair the air conditioner by yourself; it can cause an electric shock or fire. Please check the following items before calling your service technician.</p>	
<p style="text-align: center;">Problem</p>	<p style="text-align: center;">Trouble Shooting</p>
 <p>Won't start immediately when the air conditioner is restarted.</p>	<p>Once the air conditioner is stopped, it will not operate until the time delay of 3 minutes has passed.</p>
 <p>There's unusual odor blowing from the outlet after operation is started.</p>	<p>This is caused by the odors in the room.</p>

◆ Trouble Shooting

Problem	Trouble Shooting
<p>Sound of water flow can be heard during operation.</p> 	<p>This is caused by the refrigerant flowing inside the unit.</p>
<p>Mist is emitted during cooling operation.</p> 	<p>Because the air of the room is cooled down rapidly.</p>
<p>Creaking noise can be heard when start or stop the unit.</p> 	<p>This is caused by the expansion of plastic due to the change of temperature.</p>
<p>Air conditioner does not operate at all.</p> 	<ul style="list-style-type: none"> • Has the power been shut down? • Is the wiring loose? • Is the leakage protection switch in operation? • Is TIMER ON is operation?
<p>Cooling (Heating) efficiency is not good.</p> 	<ul style="list-style-type: none"> • Is SET TEMP. suitable? • Is air inlet or outlet obstructed? • Are air filters dirty? • Are the windows and door closed? • Is indoor fan speed set at low speed? • Is there any other hear source in your room?
<p>Remote control is not operating</p> 	<ul style="list-style-type: none"> • Remote control can't be used when the air conditioner is disturbed or changing its functions frequently. • Is the remote control out of effective to the indoor unit? Are there any obstruction between the remote control and the signal receptor? • Replace the worn batteries of remote control is the voltage of the batteries is not sufficient.

◆ Trouble Shooting

Immediately discontinue using the unit and disconnect the power if any of the following occurs:

- ▲ Unusual noise can be heard during operation.
- ▲ Air switch or leakage protection switch often shuts down.
- ▲ Water is leaking from the unit.
- ▲ Electrical lines and power plug are very hot or smoking.
- ▲ Wind blowing from the outlet smells terrible during operation.



If you have any question, please call your contractor or service dept.