
3. Installation and Operating Instructions

3-1 Installation

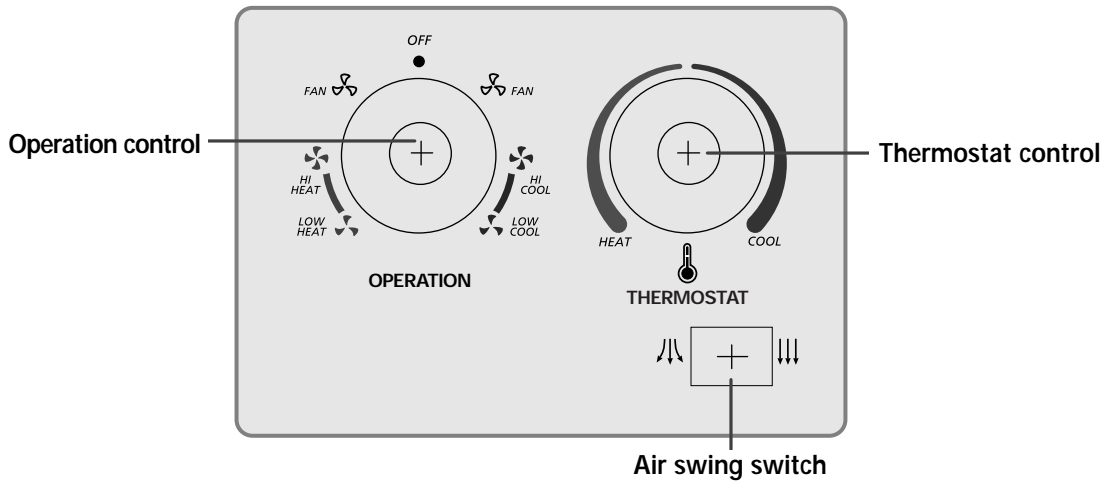
* When selecting the area for installing the unit, be sure to obtain approval of the customer.

1. Make sure that you install the unit in an area that provides good ventilation.
The air conditioner must not be blocked by any obstacle affecting the air flow near the air inlet and air outlet.
2. Make sure that you install the unit in an area which can endure the weight and vibration of the unit.
3. Make sure that you install the unit away from heat or vapor.
4. Make sure that you install the unit in an area where the cooled(heated) air can be evenly spread in a room.
5. Make sure that you install the unit in an area away from TVs, audio units, cordless phones, fluorescent lighting fixtures and other electrical appliances.
(obtain a clearance of at least one meter)
6. Make sure that you install the unit in an area which provides easy drainage for condensed water.
7. Make sure that you install the unit in an area not exposed to rain or direct sunlight.
(Install a separate sunblind if exposed to direct sunlight.)
8. Do not install the unit in an area subjected to noise or vibration amplification which may affect your neighbor.
(Fix the unit firmly if mounted in a high place.)

Caution:

Do not use the air conditioner in such areas as a greasy area(including machine oil), saline area(sea side), or sulphuric area(hot spring). When using the air conditioner in these areas, special maintenance is required. Contact your local dealer or our service center for advice.



3-2 Function Description



3-2-1 Operation control



(1) COOL MODE(BLUE POSITION) :

The air conditioner starts cooling, provided that the room temperature is higher than the selected temperature.

-  (HI COOL) : The fan turns rapidly.
-  (LOW COOL) : The fan turns slowly.
- Thermostat control in cool mode.
 - Left end : COOL air will be supplied above 30 ~ 35°C
COOL air will be ceased below 28 ~ 32.5°C
 - Right end : COOL air will be supplied above 17.4 ~ 20.4°C
COOL air will be ceased below 14.4 ~ 17.4°C

(2) HEAT MODE(RED POSITION) :

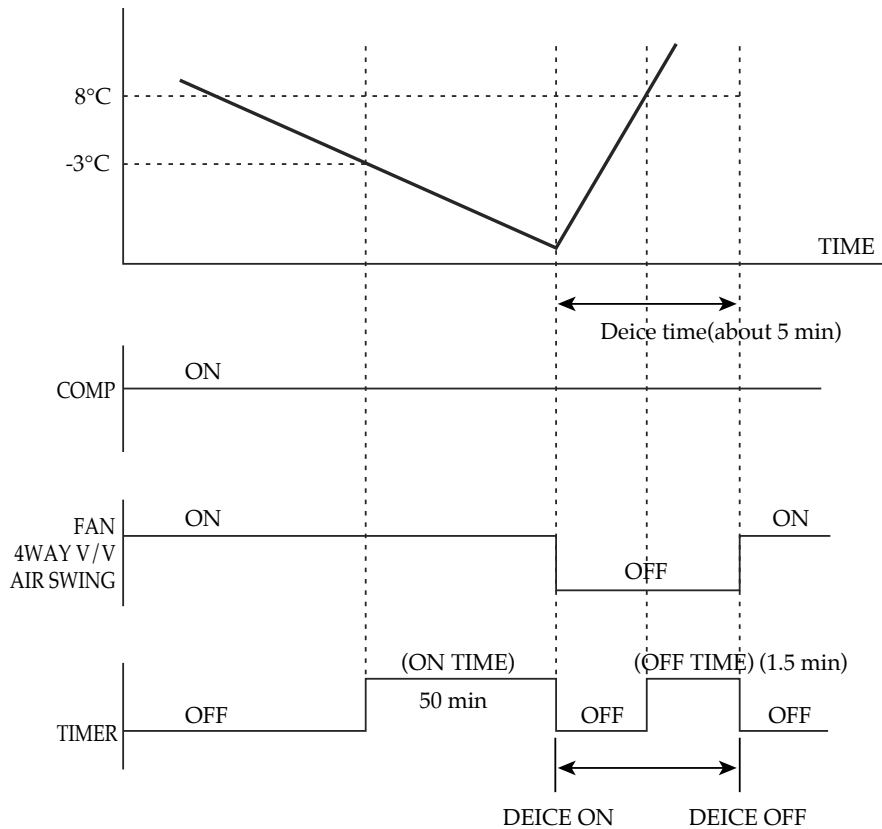
The air conditioner starts heating, provided that the room temperature is lower than the selected temperature.

-  (HI HEAT) : The fan turns rapidly.
-  (LOW HEAT) : The fan turns slowly.
- Thermostat control in heat mode.
 - Left end : HEAT air will be supplied below 14.4 ~ 17.4°C
HEAT air will be ceased above 17.4 ~ 20.4°C
 - Right end : HEAT air will be supplied below 28 ~ 32.5°C
HEAT air will be ceased above 30 ~ 35°C
- DEICE function in heat mode :

Deice operation is controlled by sensing the condenser heat exchange temperature and timer.

 - * Deice time is about 5 minutes.
 - * Operating the deice, the air conditioner starts cooling cycle and then the fan stops.
 - * Deice operation

COND SENSOR TEMP(DEICE THERMOSTAT)




(3) FAN MODE ()

The fan mode controls dehumidify, filter and circulate room air, with the fan continuing to circulate air while the compressor is turned off.


The fan turns only high speed.

3-2-2 Air swing switch(AWH120JE/123JE)

On ():

Automatic ventilation distributes the air flow throughout the room.

(controls the right and left blade-V)

OFF ():

- Maintain a fixed direction of air flow.

Set the air swing switch to OFF the instant the blade-V come to the desired positioner.

- When the air conditioner starts up in deice mode automatically, the swing of blade is stopped for a moment and the deice operating is stopped, the swing of blade operates again.

3-2-3 Ventilation switch

Use the ventilation switch to exhaust stale air.

 (Ventilate) : The air inside the room circulates while the outdoor air is introduced inside.

 (Stop) : The air inside the room circulates while the outdoor air is not introduced inside.