SAMSUNG

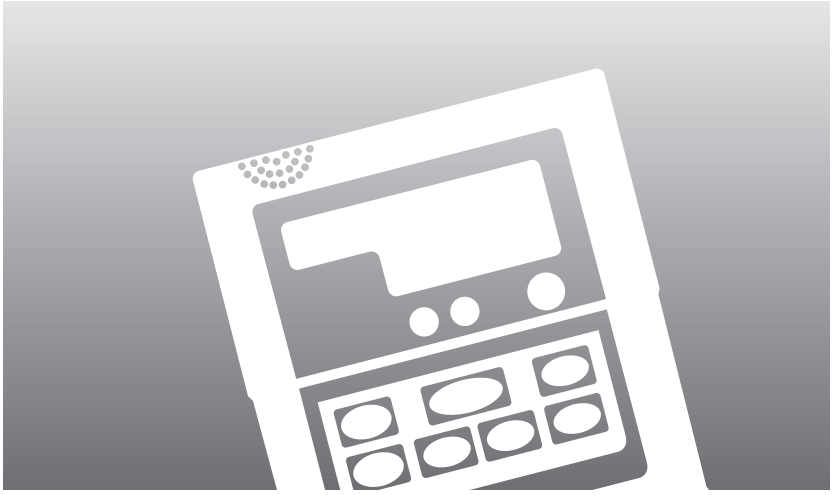
USER'S MANUAL

Function Contrller

MCM-A100

ENGLISH
ESPAÑOL
FRANÇAIS
ITALIANO
PORTUGUÊS
DEUTSCH
ΕΛΛΗΝΙΚΑ
RUSSIAN

System Air Conditioner



ⒺⓈⒻⒾⓅⒹⒼⓇⒶ DB98-05164A(3)

Safety Precautions

- ***Before using the function controller, read carefully this instructions.***
- ***After reading the instructions, keep this owner's instructions and the installation manual in a handy and safe place. If a user is changed, you must hand over the manuals.***
- ***Never attempt to install the air conditioning system or to move the function controller by yourself.***

⚠ WARNING

- ◆ Do not attempt to install or repair this function controller by yourself.
- ◆ This function controller contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- ◆ When moving, consult authorized service personnel for disconnection and installation of the function controller.
- ◆ Ensure that the wall is strong enough to support the weight of the function controller.
- ◆ Must install the function controller with rated power supply.
- ◆ In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.

⚠ CAUTION

- ◆ Do not use inflammable gases near the function controller.
- ◆ Do not spill water into the function controller.
- ◆ Do not operate the function controller with wet hands.
- ◆ Do not install the function controller in a location where it will come into contact with the combustible gases, machine oil, sulphide gas, etc.
- ◆ Do not press buttons with a pointed thing.
- ◆ Do not pull or bend the function controller cable excessively.
- ◆ Do not use this function controller for other purpose.
- ◆ Do not spray an insecticide or other combustible things on the function controller.
- ◆ Do not clean the function controller with benzene, solvents or other chemicals.
- ◆ Do not give a shock to the function controller or disassemble it by yourself.

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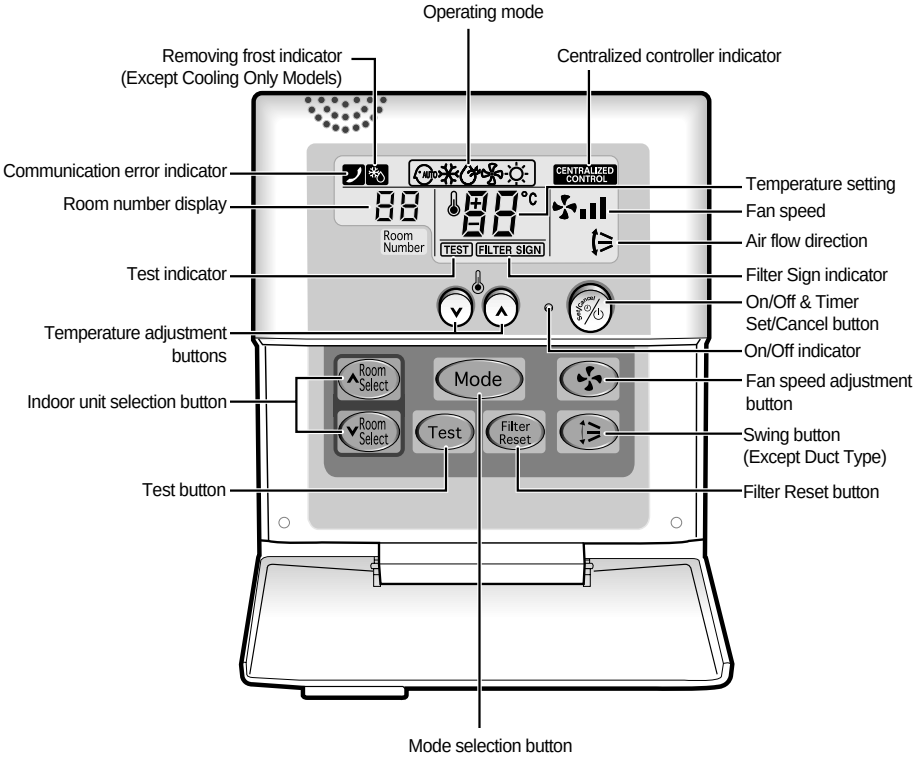
View of the Function Controller

The function controller is an additional controller which is used with the centralized controller.



Note

- ◆ Test button is for your installation specialist. You must NOT press it.
- ◆ After cleaning the air filter, press the filter reset button. Then the wired remote controller will display the FILTER SIGN indicator when the time to clean the air filter.
- ◆ Duct type air conditioner does not have function of adjusting air flow direction. Therefore, the function is not operated even if you press the swing button.

Getting Start

You have just purchased a function controller and it has been installed by your installation specialist.

Your Owner's Instructions contain much valuable information on using your function controller. Please take the time to read them as they will help you take full advantage of the unit's features.

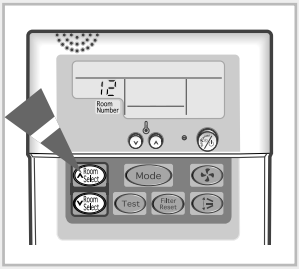
In the main part of the document, you will find a series of step-by-step procedures for each function available.

The illustrations in the step-by-step procedures use three different symbols:

PRESS	**PUSH**	**HOLD DOWN**

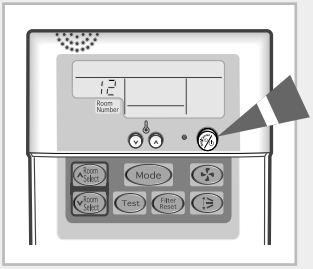
Selecting the Indoor Unit

You can control a specific indoor unit from the function controller.



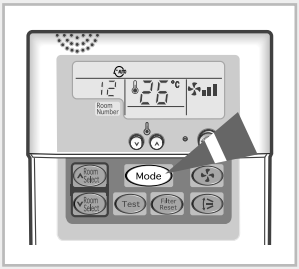
1 Select an indoor unit you want to control by pressing Room Select Room Select button.

Result:
- ◆ Each time you press Room Select button, the room number is increased by 1, and each time you press Room Select button, the room number is decreased by 1 from 0~15.



2 Turn the air conditioner on by pressing (ON/OFF) button.

Result:
- ◆ The On/Off indicator on the function controller comes on.
- ◆ The air conditioner runs in the mode selected when the unit was last used.



3 Select an appropriate operating mode by pressing Mode button.

Result:
- ◆ The air conditioner runs in the selected mode.

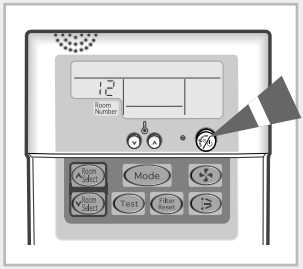
Note
- ◆ For further details on operating modes, refer to page 7~15.

Selecting the Automatic Operating Mode

In the Automatic mode, the room temperature and the fan speed are controlled automatically.

1 If necessary, press (ON/OFF) button.

Result: ◆ The On/Off indicator on the function controller comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.

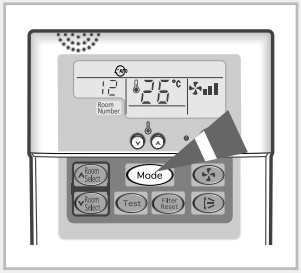


IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.

2 To select the AUTO mode, press the Mode button until AUTO is displayed at the top of the function controller.

Result: ◆ The air conditioner runs in AUTO mode.

Note ◆ You can change modes at any time.



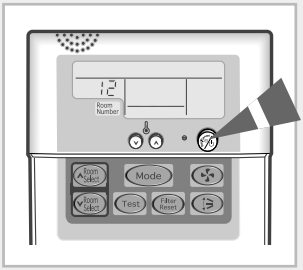
3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result: ◆ Each time you press Temperature buttons:
- The temperature is adjusted by 1°C.
◆ The air conditioner starts cooling, provided that the room temperature is than the selected temperature.
- The quantity of air is adjusted automatically.

Cooling Your Room

You must select the COOL mode if you wish to adjust the :

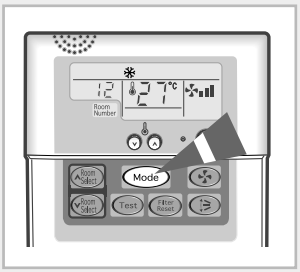
- ***Cooling temperature***
- ***Fan speed when cooling***



1 If necessary, press (ON/OFF) button.

Result: ◆ The On/Off indicator on the function controller comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.



2 To select the COOL mode, press the Mode button until ❄ is displayed at the top of the function controller.

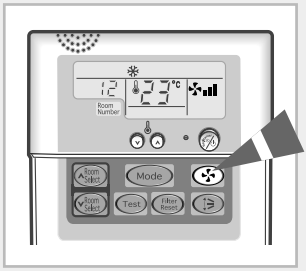
Result: ◆ The air conditioner runs in COOL mode.

Note ◆ You can change modes at any time.

3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result:
- ◆ Each time you press Temperature buttons:
  - The temperature is adjusted by 1°C.
- ◆ The air conditioner starts cooling, provided that the room temperature is higher than the selected temperature ; the fan will, however, operate.

4 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed :



- Automatic(rotated : → →)
- Low
- Medium
- High

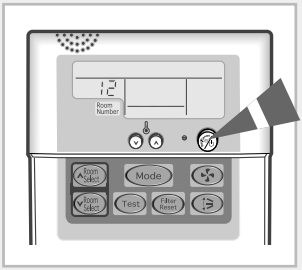
5 To control the direction of the air flow, refer to page 15.

Heating Your Room (Except Cooling Only Models)

You can select the HEAT mode only in heat pump models.

You must select the HEAT mode if you wish to adjust the :

- ***Heating temperature***
- ***Fan speed when heating***

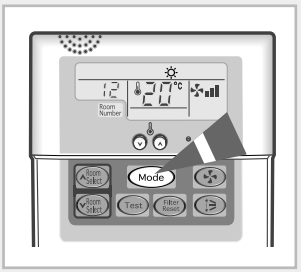


1 If necessary, press (ON/OFF) button.

Result:
- The On/Off indicator on the function controller comes on.
- The air conditioner runs in the mode selected when the unit was last used.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- Plugged in
- Stopped

It will start up normally after three minutes.

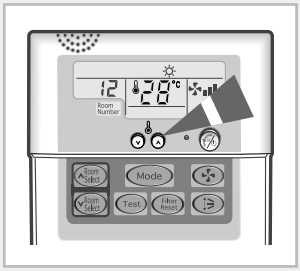


2 To select the HEAT mode, press the Mode button until is displayed at the top of the function controller.

Result:
- The air conditioner runs in HEAT mode.

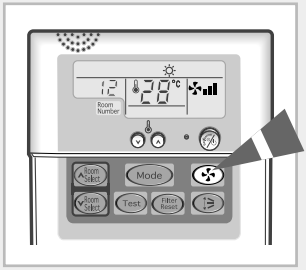
Note
- You can change modes at any time.

3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 16°C and 30°C inclusive.



Result:
- ◆ Each time you press Temperature buttons:
  - The temperature is adjusted by 1°C.
- ◆ The air conditioner starts heating, provided that the room temperature is lower than the selected temperature ; the fan will, however, operate.

4 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed :

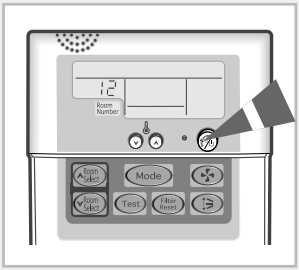


- Automatic(rotated : → → →)
- Low
- Medium
- High

5 To control the direction of the air flow, refer to page 15.

Removing Excess Humidity

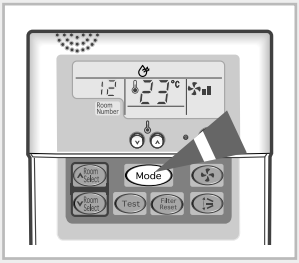
If the atmosphere in your room is very humid or damp, you can remove excess humidity without lowering the room temperature too much.



1 If necessary, press (ON/OFF) button.

Result: ◆ The On/Off indicator on the function controller comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.



2 To select the DRY mode, press the Mode button until is displayed at the top of the function controller.

Result: ◆ The air conditioner runs in DRY mode.

Note ◆ You can change modes at any time.

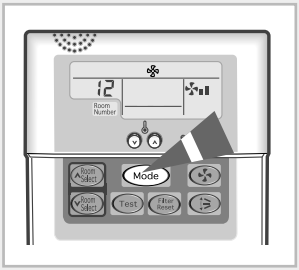
3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result:
- ◆ Each time you press Temperature buttons:
  - The temperature is adjusted by 1°C.
- ◆ The air conditioner starts removing the excess humidity.
  The quantity of air is adjusted automatically.

4 To control the direction of the air flow, refer to page 15.

Airing Your Room

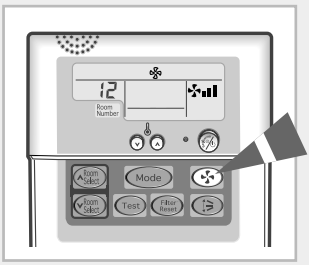
If the atmosphere in your room is stale, you can air it using the FAN feature.



1 If necessary, press (ON/OFF) button.

Result: ◆ The On/Off indicator on the function controller comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.



2 To select the FAN mode, press the Mode button until is displayed at the top of the function controller.

Result: ◆ The air conditioner runs in FAN mode.

Note ◆ You can change modes at any time.

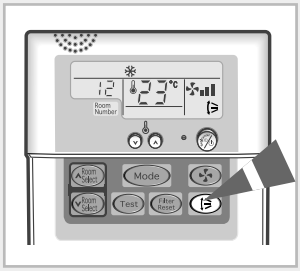
3 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed:

Low
Medium
High

4 To control the direction of the air flow, refer to page 15.

Adjusting the Air Flow Direction (Except Duct Type)

Depending on the position of the indoor unit, you can adjust the position of the air flow blade, thus increasing the efficiency of the air conditioner.



1 Press the Swing button.

Result: The blade is moving between up and down.

IMPORTANT When the air conditioner is first turned on, the blade is moved.

2 To stop the blade, press the Swing button again.
To set to the required position, press the Swing button again when the blade is in the required position.

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