

Features of your new air conditioner

Turbo function

You can set the Turbo function to provide fast and powerful cooling (heating).

Easy Filter

There is no grille to remove before separating the filter from the air conditioner! Therefore, filter can be cleaned easily, more frequently! Frequent filter cleaning will prevent dust from entering into the product or accumulating on the filter.

good'sleep function

good'sleep function will allow you to have deep, good night's sleep by adjusting the temperature, fan speed and air flow direction.

Easy Installation

It's so easy to install! You can easily hang the product on the wall and connect the pipes and wires by opening the cover on the bottom of the product. Now you won't have to tilt the product to connect the pipe and the wires!



Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

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Safety precautions

Before using your new air conditioner, please read this manual thoroughly to ensure that you know how to safely and efficiently operate the extensive features and functions of your new appliance.

Because the following operating instructions cover various models, the characteristics of your air conditioner may differ slightly from those described in this manual. If you have any questions, call your nearest contact center or find help and information online at www.samsung.com.

Important safety symbols and precautions:

 WARNING		Hazards or unsafe practices that may result in severe personal injury or death .	
 CAUTION		Hazards or unsafe practices that may result in minor personal injury or property damage .	
	Follow directions.		Cut-off the power supply.
	Do NOT attempt.		Do NOT disassemble.
	Make sure the machine is grounded to prevent electric shock.		

FOR INSTALLATION

WARNING

 **Use the power line with the power specifications of the product or higher and use the power line for this appliance only. In addition, do not use an extension line.**

- ▶ Extending the power line may result in electric shock or fire.
- ▶ Do not use an electric transformer. It may result in electric shock or fire.
- ▶ If the voltage/frequency/rated current condition is different, it may cause fire.

The installation of this appliance must be performed by a qualified technician or service company.

- ▶ Failing to do so may result in electric shock, fire, explosion, problems with the product, or injury and may also void warranty on the installed product.

Install a Isolation Switch next to the Air Conditioner (but not on the panels of the Air Conditioner)and circuit breaker dedicated to the air conditioner.

- ▶ Failing to do so may result in electric shock or fire.

Fix the outdoor unit firmly so that the electric part of the outdoor unit is not exposed.

- ▶ Failing to do so may result in electric shock, fire, explosion, problems with the product.

- ⊘ **Do not install this appliance near a heater, inflammable material. Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops). Do not install this appliance in a location where gas may leak.**
 - ▶ This may result in electric shock or fire.
- Never install the outdoor unit in a location such as on a high external wall where it could fall.**
 - ▶ If the outdoor unit falls, it may result in injury, death or property damage.
- ⚡ **This appliance must be properly grounded. Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.**
 - ▶ Failure to do so may result in electric shock, fire, and explosion.
 - ▶ Make sure to use a socket-outlet with ground.

FOR INSTALLATION | ⚠ CAUTION

- ❗ **Install your appliance on a level and hard floor that can support its weight.**
 - ▶ Failing to do so may result in abnormal vibrations, noise, or problems with the product.
- Install the draining hose properly so that water is drained correctly.**
 - ▶ Failing to do so may result in water overflowing and property damage. Avoid adding drain to waste pipes as odours may arise in the future.
- When installing the outdoor unit, make sure to connect the draining hose so that draining is performed correctly.**
 - ▶ The water generated during the heating operation by the outdoor unit may overflow and result in property damage.
In particular, in winter, if a block of ice falls, it may result in injury, death or property damage.

FOR POWER SUPPLY | ⚠ WARNING

- ❗ **When the circuit breaker is damaged, contact your nearest service center.**
- ⊘ **Do not pull or excessively bend the power line. Do not twist or tie the power line. Do not hook the power line over a metal object, place a heavy object on the power line, insert the power line between objects, or push the power line into the space behind the appliance.**
 - ▶ This may result in electric shock or fire.

Safety precautions

FOR POWER SUPPLY

⚠ CAUTION

- ⓘ **When not using the air conditioner for a long period of time or during a thunder/lightning storm, cut the power at the circuit breaker.**
 - ▶ Failing to do so may result in electric shock or fire.

FOR USING

⚠ WARNING

- ❗ **If the appliance is flooded, please contact your nearest service center.**
 - ▶ Failing to do so may result in electric shock or fire.**If the appliance generates a strange noise, a burning smell or smoke, cut-off the power supply immediately and contact the nearest service center.**
 - ▶ Failing to do so may result in electric shock or fire.**In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power line. Do not touch the appliance or power line.**
 - ▶ Do not use a ventilating fan.
 - ▶ A spark may result in an explosion or fire.**To reinstall the air conditioner, please contact your nearest service center.**
 - ▶ Failing to do so may result in problems with the product, water leakage, electric shock, or fire.
 - ▶ A delivery service for the product is not provided. If you reinstall the product in another location, additional construction expenses and an installation fee will be charged.
 - ▶ Especially, when you wish to install the product in an unusual location such as in an industrial area or near the seaside where it is exposed to the salt in the air, please contact your nearest service center.
- ⊘ **Do not touch the circuit breaker with wet hands.**
 - ▶ This may result in electric shock.**Do not turn the air conditioner off with the circuit breaker while it is operating.**
 - ▶ Turning the air conditioner off and then on again with the circuit breaker may cause a spark and result in electric shock or fire.**After unpacking the air conditioner, keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.**
 - ▶ If a child places a bag over its head, it may result in suffocation.

- ⊘ **Do not insert your fingers or foreign substances into the outlet when the air conditioner is operating.**

- ▶ Take special care that children do not injure themselves by inserting their fingers into the product.

Do not touch the air flow blade with your hands or fingers during the heating operation.

- ▶ This may result in electric shock or burns.

Do not insert your fingers or foreign substances into the air inlet/outlet of the air conditioner.

- ▶ Take special care that children do not injure themselves by inserting their fingers into the product.

Do not strike or pull the air conditioner with excessive force.

- ▶ This may result in fire, injury, or problems with the product.

FOR USING

⚠ WARNING

- ⊘ **Do not place an object near the outdoor unit that allows children to climb onto the machine.**

- ▶ This may result in children seriously injuring themselves.

Do not use this air conditioner for long periods of time in badly ventilated locations or near infirm people.

- ▶ Since this may be dangerous due to a lack of oxygen, Open a window at least once an hour.

- ⚡ **If any foreign substance such as water has entered the appliance, cut-off the power supply and contact the nearest service center.**

- ▶ Failing to do so may result in electric shock or fire.

- ⊘ **Do not attempt to repair, disassemble, or modify the appliance yourself.**

- ▶ Do not use any fuse (such as cooper, steel wire, etc.) other than the standard fuse.

- ▶ Failing to do so may result in electric shock, fire, problems with the product, or injury.

Safety precautions

FOR USING

⚠ CAUTION

- ❗ **Do not place objects or devices under the indoor unit.**
 - ▶ Water dripping from the indoor unit may result in fire or property damage. (example electrical appliances)**Check that the installation frame of the outdoor unit is not broken at least once a year.**
 - ▶ Failing to do so may result in injury, death or property damage.**Max current is measured according to IEC standard for safety and current is measured according to ISO standard for energy efficiency.**
- ⊘ **Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.**
 - ▶ This may result in electric shock, fire, problems with the product, or injury.**Do not operate the appliance with wet hands.**
 - ▶ This may result in electric shock.**Do not spray volatile material such as insecticide onto the surface of the appliance.**
 - ▶ As well as being harmful to humans, it may also result in electric shock, fire or problems with the product.**Do not drink the water from the air conditioner.**
 - ▶ The water may be harmful to humans.**Do not apply a strong impact to the remote controller and do not disassemble the remote controller.****Do not touch the pipes connected with the product.**
 - ▶ This may result in burns or injury.**Do not use this air conditioner to preserve precision equipment, food, animals, plants or cosmetics, or for any other unusual purposes.**
 - ▶ This may result in property damage.**Avoid directly exposing humans, animals or plants from the air flow from the air conditioner for long periods of time.**
 - ▶ This may result in harm to humans, animals or plants.

- ⊘ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

For use in Europe : This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

FOR CLEANING | ⚠ WARNING

- ⊘ Do not clean the appliance by spraying water directly onto it. Do not use benzene, thinner or alcohol to clean the appliance.
 - ▶ This may result in discoloration, deformation, damage, electric shock or fire.
- Before cleaning or performing maintenance, cut-off the power supply and wait until the fan stops.**
 - ▶ Failing to do so may result in electric shock or fire.

FOR CLEANING | ⚠ CAUTION

- ⓘ **Take care when cleaning the surface of the heat exchanger of the outdoor unit since it has sharp edges.**
 - ▶ This should be done by a qualified technician please contact your installer or service center.
- ⊘ **Do not clean the inside of the air conditioner by yourself.**
 - ▶ For cleaning inside the appliance, contact your nearest service center.
 - ▶ When cleaning the internal filter, refer to the descriptions in the 'Cleaning the air conditioner' section.
 - ▶ Failure to do so may result in damage, electric shock or fire.

Checking before use

Operation ranges

The table below indicates the temperature and humidity ranges the air conditioner can be operated within. Refer to the table for efficient use.

MODE	OPERATIONAL TEMPERATURE		INDOOR HUMIDITY	IF OUT OF CONDITIONS
	INDOOR	OUTDOOR		
COOLING	16°C to 32°C	-5°C to 48°	80% or less	Condensation may occur on the indoor unit with risk to have either water blow off or drops on the floor.
HEATING	27°C or less	-20°C to 24°C	-	Internal protection triggers and the air conditioner will stop.
DRYING	16°C to 32°C	-5°C to 48°C	-	Condensation may occur on the indoor unit with risk to have either water blow off or drops on the floor.

- ▶ The standardized temperature for heating is 7°C. If the outdoor temperature drops to 0°C or below, the heating capacity can be reduced depending on the temperature condition.
- ▶ If the cooling operation is used at over 32°C(indoor temperature), it does not cool at its full capacity.

Maintaining your air conditioner

Internal protections via the unit control system

- ▶ This internal protection operates if an internal fault occurs in the air conditioner.

Type	Description
Against cold air	The internal fan will be off to prevent cold air when the heat pump is heating.
Defrost cycle	The internal fan will be off to defrost ice when the heat pump is heating. Vertical air flow blade will be closed during defrost cycle and it will open again during heating operation after defrost cycle.
Protect compressor	The air conditioner does not start operating immediately to help protect the compressor of the outdoor unit after it has been started.



NOTE

- If the heat pump is operating in Heat mode, defrost cycle is actuated to help remove frost from an outdoor unit that may have deposited at low temperatures.
The internal fan is switched off automatically and restarted only after the defrost cycle is completed.

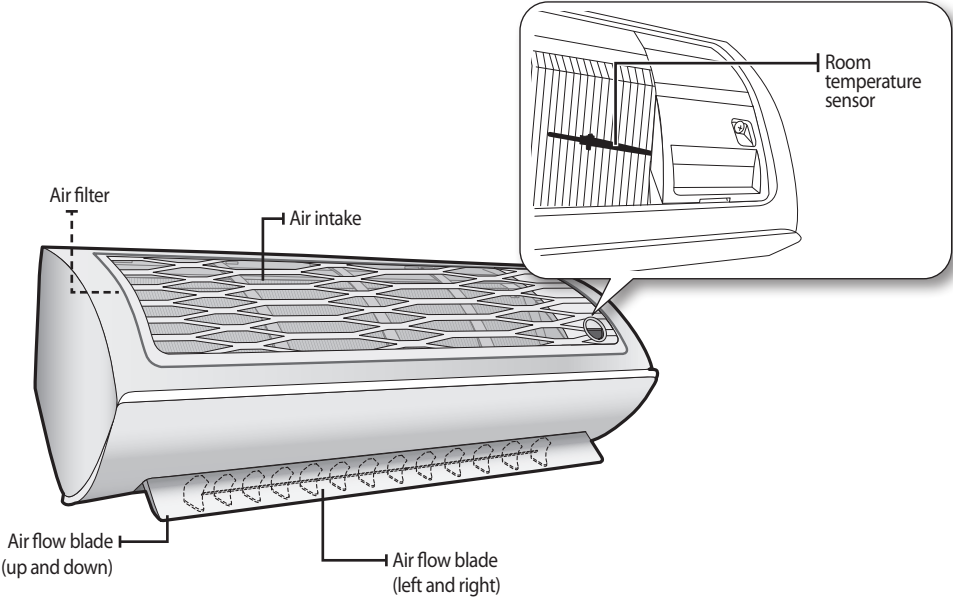


CAUTION

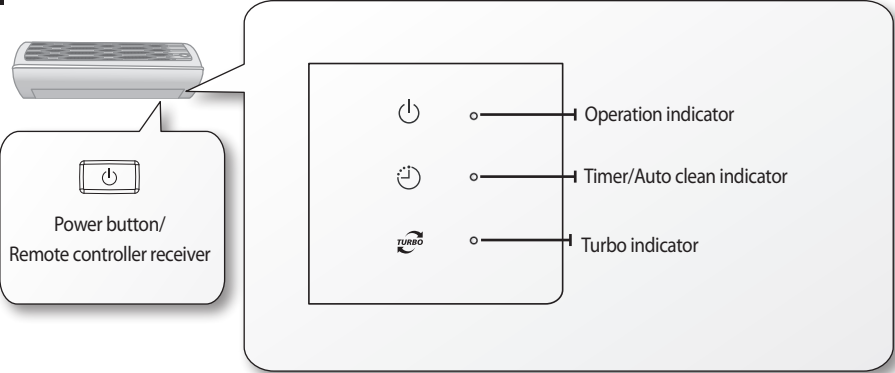
- Please cover the air conditioner with PE BAG after installation, and remove it when you start to run air conditioner.

Checking the name of the parts

Main parts



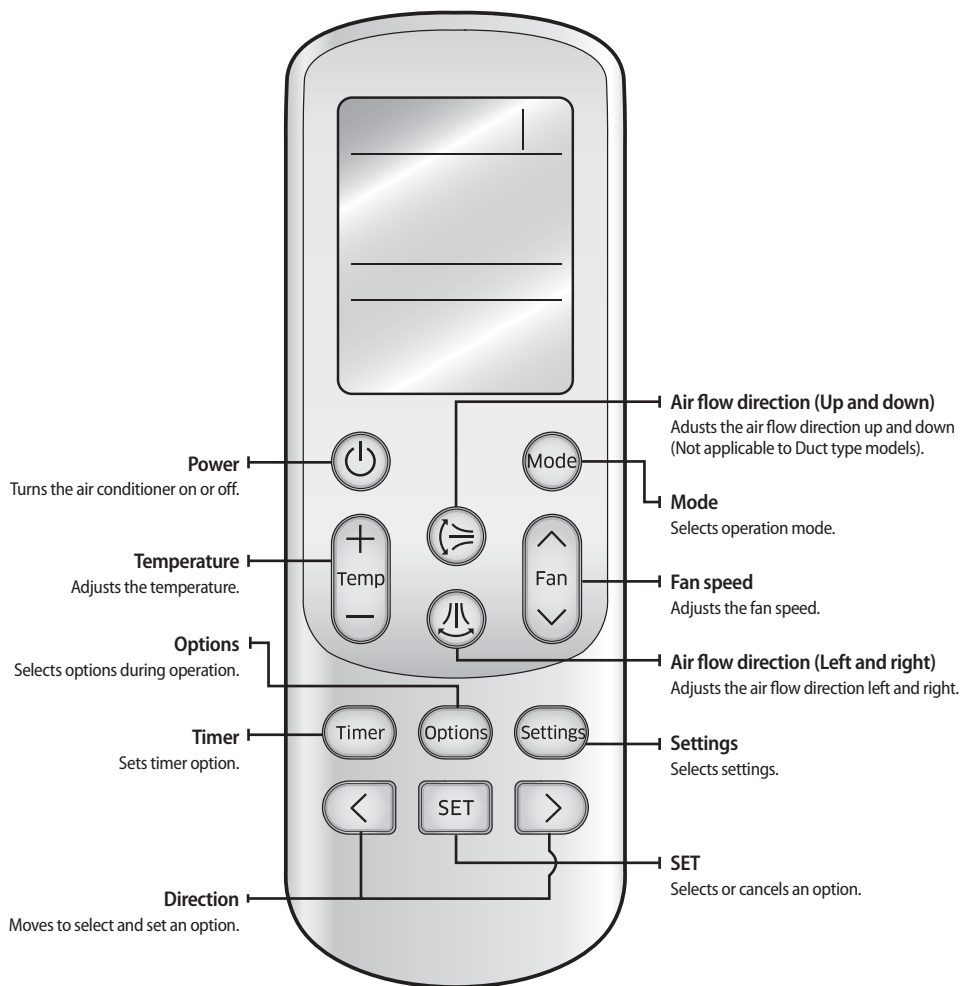
Display



Using the remote controller

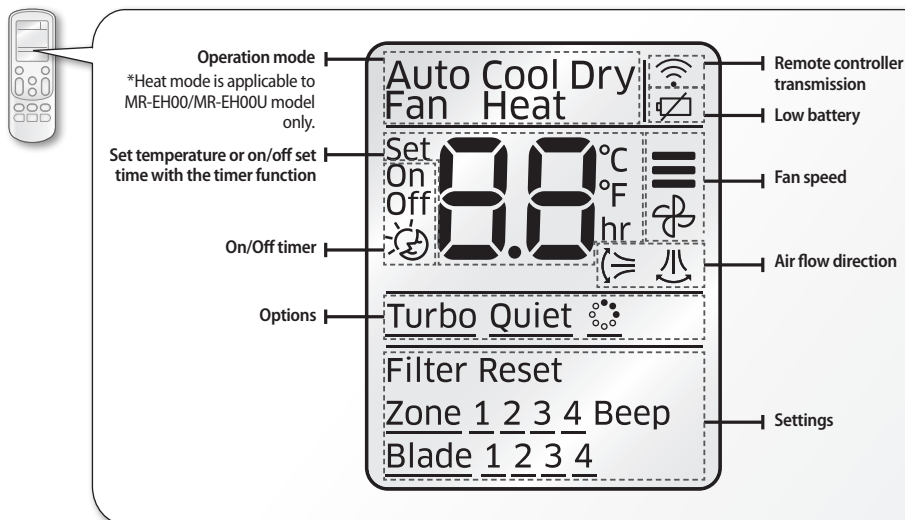
- ▶ Point the remote controller towards the remote controller receiver of the indoor unit.
- ▶ When you press the button on the remote controller correctly, you will hear beep sound from the indoor unit and a transmit indicator(📶) appears on the remote controller display.

Remote controller buttons



- In case you wish to cancel the options or settings that you have just set, press the **Options** or **Settings** button again, then the most recently selected item will blink and you may simply cancel it by pressing the **SET** button while selected item is blinking.

Remote controller display



NOTE

- For MR-EH00U/MR-EC00U model, the temperature unit will be indicated by "°F" on the display.
- When turning off and turning on the remote controller, the Timer, Options and Settings set before turning off the remote controller are cancelled. However, the fan direction does not change.

Battery changing time

When the battery is exhausted, (🔋) will be displayed on the remote controller display. When the icon appears, change the batteries.

The remote controller requires two 1.5V AAA type batteries.


Storing the remote controller

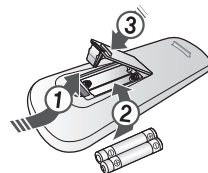
When you do not use the remote controller for a long time, remove the batteries from the remote controller and store it in the remote controller holder.



Using the remote controller

Inserting the batteries

1. Open the battery cover of the remote controller.
 - Press the () part gently and lift it up in the arrow direction.
2. Insert the batteries.
 - Check and match the (+) and (-) signs accordingly.
3. Close the battery cover.
 - Match the cover and bottom part of the remote controller and press it until you hear click sound.



- Make sure that water is not allowed to enter the remote controller.



- There is a possibility that the air conditioner will not operate by remote controller near strong light such as a fluorescent lamp or neon sign. In this case, use the remote controller in front of the remote controller receiver of the indoor unit.
- If other electrical products are operated by the remote controller, call your nearest service center.
- **Filter reset**: When the filter reset indicator is turned on the indoor unit display, clean the filter and press the **Settings** → <, > or **Settings** → (Filter Reset) blinking → **SET** button.
- **Beep off**: To silence the beep sound, press the **Settings** → <, > or **Settings** → (Beep) blinking → **SET** button. If you press the **Settings** → <, > or **Settings** → (Beep) blinking → **SET** button again, the beep sound will ring again.



Correct disposal of batteries in this product

(Applicable in countries with separate collection systems)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

Basic operation

Basic operation is an operation mode that can be selected by pressing the **Mode** button.

Auto

In Auto mode, the air conditioner will automatically adjust the temperature and fan speed to maintain your fresh environment.

- ▶ When the indoor temperature is too high, the powerful cool breeze is generated and when the indoor room becomes cool enough, the soft breeze is generated.

Cool

Cool mode is frequently used and you can freely control the temperature, fan speed, and air flow direction in Cool mode.

- ▶ When you select the Heat mode while the Cool mode is on, the Cool mode is cancelled.

Dry

The air conditioner in Dry mode acts like a dehumidifier by removing moisture from the indoor air. The Dry mode will provide you with fresh air even on a rainy day.

Fan

Fan mode provides you with a breeze just like a fan to make fresh environment for you.

Heat (MR-EH00/MR-EH00U)

In Heat mode, you can warm your room even in the fall and winter.

- ▶ The fan may not commence immediately to avoid generating a cold breeze.
- ▶ During the Heat mode, defrost operation may be performed to remove the frost formed on the outdoor unit. (When the frost is removed by the defrost operation in Heat mode, steam is generated from the outdoor unit.)
- ▶ If you stop operating the air conditioner after heating operation, the fan will operate for some time to cool the indoor unit.
- ▶ When you select the Cool mode while the Heat mode is on, the Heat mode is cancelled.




NOTE

- When the outdoor temperature is low and humidity is high during the heat mode, the outdoor unit's heating capacity may decrease due to the frost formed on the outdoor heat exchanger. The defrost operation removes the frost formed on the heat exchanger of the outdoor unit for 5 ~ 12 minutes. During the defrost operation, the indoor unit does not generate breeze in order to prevent cold breeze blowing out.
 - * The interval between the defrost operation can decrease depending on the amount of the frost formed on the outdoor unit.
 - * The interval between defrost operation can also decrease by humidity level with rain or snow.

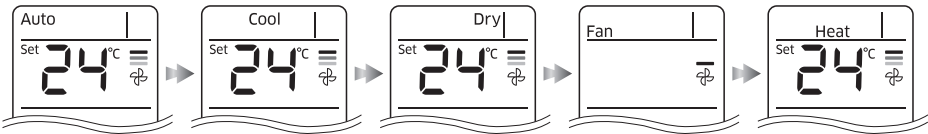
Basic operation

Turning the air conditioner on

Press the  button to operate the air conditioner.


Selecting the operation mode

Press the  button to select an operation mode.




* Heat mode operates with MR-EH00/MR-EH00U model only.














Adjusting the temperature

Press the  button to adjust the temperature.

Auto	Temperature can be adjusted by 1 °C(1 °F) within the range of 18 °C(65 °F)~30 °C(86 °F).
Cool	Temperature can be adjusted by 1 °C(1 °F) within the range of 18 °C(65 °F)~30 °C(86 °F).
Dry	Temperature can be adjusted by 1 °C(1 °F) within the range of 18 °C(65 °F)~30 °C(86 °F).
Fan	Temperature cannot be adjusted.
Heat	Temperature can be adjusted by 1 °C(1 °F) within the range of 16 °C(61 °F) ~30 °C(86 °F).



Selecting the fan speed

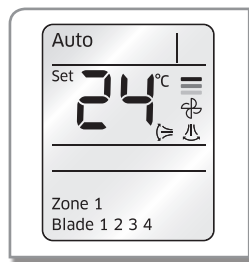
Press the  button to adjust the fan speed.

Auto	 (Auto)
Cool	 (Auto),  (Low),  (Med),  (High)
Dry	 (Auto)
Fan	 (Low),  (Med),  (High)
Heat	 (Auto),  (Low),  (Med),  (High)




Selecting air flow direction

This function allows you to shift the air flow direction up and down or left and right.

Press the  or  button to move the air flow direction up and down or left and right while the air conditioner is turned on.



Remote controller display

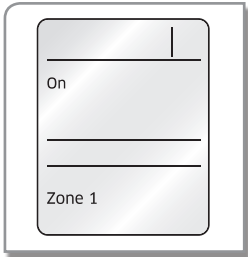
- ▶ When the blade reaches the desired position, press the  or  button one more time to set the air flow direction. The up/down and left/right tilting of the blade will stop.
- * Duct type model cannot adjust air flow direction up and down.
- *  button not available on RAC.

Setting the On/Off timer

You can set the air conditioner to be turned on or off automatically at desired time.

Setting the On timer


When the air conditioner is turned off.






Remote controller display

1. Press the **Timer** button to select (On).
 - (On) indicator will keep blinking and you can set the time.
2. Press the < or > button to set the time.
 - You can set the time in half hour unit from 30 minutes (0.5 on the display) ~ 3 hours and hour unit from 3 ~ 24 hours.
 - Time can be set from minimum 30 minutes to maximum 24 hours.
3. Press the **SET** button to complete the On timer setting.
 - (On) indicator and the set time of the timer will be displayed on the remote controller display.
 - On timer setting will be cancelled if you don't press the **SET** button within 10 seconds after setting the time. Therefore, check for the (On) indicator on the remote controller display.

Cancel

▶ Press the **Timer** button → select (On) → press the < or > button → set the timer to  → press the **SET** button.

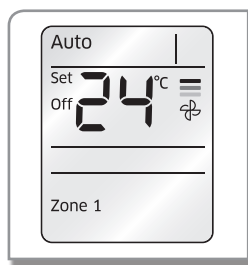
Additional options available in On timer	
	Select the mode from (Auto) → (Cool) → (Dry) → (Fan) and → (Heat). ※ Heat mode operates with MR-EH00/MR-EH00U model only.
	You can adjust the temperature after timer setting is completed. Temperature adjustment is only available in Auto/Cool/Dry/Heat mode. In Fan mode, temperature cannot be adjusted. ※ Heat mode operates with MR-EH00/MR-EH00U model only.

 NOTE

• When On timer setting is completed, the set status will be displayed for 3 seconds, and then only (On) indicator will remain on the remote controller display thereafter.

Setting the Off timer

When the air conditioner is turned on



Remote controller display

1. Press the **Timer** button to select (Off).
 - (Off) indicator will keep blinking and you can set the time.
2. Press the < or > button to set the time.
 - You can set the time in half hour unit from 30 minutes (0.5 on the display) ~ 3 hours and hour unit from 3 ~ 24 hours.
 - Time can be set from minimum 30 minutes to maximum 24 hours.
3. Press the **SET** button to complete the Off timer setting.
 - (Off) indicator and the set time of the timer will be displayed on the remote controller display.
 - Off timer setting will be cancelled if you don't press the **SET** button within 10 seconds after setting the time. Therefore, check for the (Off) indicator on the remote controller display.

Cancel ▶ Press the **Timer** button → select (Off) → press the < or > button → set the timer to 0.0 → press the **SET** button.



- Only the latest setting timer will be applied between the Off Timer and good' sleep off timer functions.

Combining On timer and Off timer

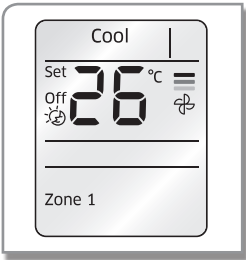
When the air conditioner is turned off	When the air conditioner is turned on
When set time on On timer is shorter than Off timer e.g. On timer: 3 hours, Off timer: 5 hours • The air conditioner will be turned on after 3 hours from the moment you have set the timer and the air conditioner will remain on for 2 hours and then be turned off automatically.	When set time on On timer is longer than Off timer e.g. On timer: 3 hours, Off timer: 1 hour • The air conditioner will be turned off after 1 hour from the moment you have set the timer and will be turned on after 2 hours from the moment it was turned off.



- Set time for the On timer and the Off timer should be different from each other.
- When the On timer or the Off timer is set, setting can be cancelled by pressing the **Power** button.

Setting the good'sleep mode

For a comfortable sleep, the air conditioner will operate in 3 stages in order of 'Fall asleep ▷ Sound sleep ▷ Wake up' stages.
When the air conditioner is operating in Cool mode;



Remote controller display

1. Press the **Timer** button to select (🌙).
 - (🌙) indicator will keep blinking and you can set the time.
2. Press the < or > button to set the time.
 - You can set the time in half hour unit from 30 minutes (0.5 on the display) ~ 3 hours and hour unit from 3 ~ 12 hours.
 - Time can be set from minimum 30 minutes to maximum 12 hours.
 - Default time setting for the good'sleep mode is 8 hours.
3. Press the **SET** button to complete the good'sleep mode setting.
 - (🌙) indicator and the set time of the good'sleep mode will be displayed on the remote controller display.
 - good'sleep mode will be cancelled if you don't press the **SET** button within 10 seconds after setting the time. Therefore, check for the (🌙) indicator on the remote controller display.

Cancel ▶ Press the **Timer** button → select (🌙) → press the < or > button → set the timer to 0.0 → press the **SET** button.


Additional options available in good'sleep mode	
	Temperature can be adjusted by 1 °C(1 °F) within the range of 18 °C(65 °F)~30 °C(86 °F).

Temperature and Fan speed change in good'sleep mode

1. Fall asleep mode : Provides you with comfortable environment for a good sleep by rapid cooling and hypnagogue expedition breeze.
2. Sound sleep mode : The sound sleep mode adjusts temperature and air flow in waves to maintain healthy skin temperature while it aids deep sleep. According to the change of good'sleep operation hours, the sound sleep hour can be longer or shorter.
3. Wake up from good'sleep mode : Provides you with the air flow that adjusts your body temperature to wake you up in a fresh status.



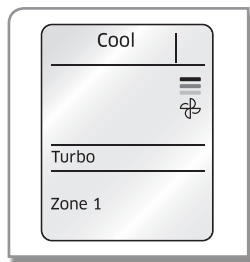
NOTE

- Fan speed and the air flow direction will be adjusted automatically in good'sleep mode.
- Recommended set temperature is between 25 °C(77 °F) ~ 27 °C (81 °F) and 26 °C(79 °F) is the most ideal temperature.
- If the set temperature is too low, you may feel cold during sleep or catch a cold.
- Optimal operation hour of good'sleep mode is 8 hours. Therefore, if the time is set too short or long, you may not feel as comfortable as you would expect.
- If the good'sleep mode is set over 5 hours, Wake up stage will begin when 1 hour is remaining in the operation time and the air conditioner will stop automatically.
- When the On timer and the good'sleep mode are set simultaneously, the air conditioner will only apply the function that was set later.
- While good'sleep mode is operating,  mode can be set additionally by pressing the **Options** button.
- If you press the **Options** button and select the Turbo/Quiet function, the good'sleep mode will be cancelled and the selected mode will begin operation.
- If you press the **Mode** button, the good'sleep mode will be cancelled and the selected mode will begin operation.

Using the Turbo function

You can set the Turbo function to provide fast and powerful cooling (heating).

When the air conditioner is operating in Cool or Heat mode;



Remote controller display

1. Press the **Options** button.
2. Press the <, > or **Options** button until (Turbo) indicator starts to blink.
3. Press the **SET** button to set the Turbo function.
 - (Turbo) → (Turbo) indicator will be displayed on the remote controller display and Turbo function will operate for 30 minutes.

Cancel

- ▶ Press the **Options** button → press the <, > or **Options** button to make the (Turbo) indicator blink and press the **SET** button.



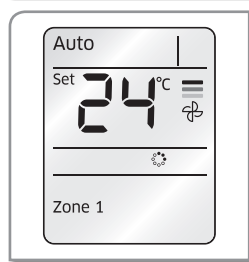
- Turbo function is only available in Cool/Heat mode.
- * Heat mode operates with MR-EH00/MR-EH00U model only.
- If the Turbo function is selected while Quiet function is on, the Quiet function will be cancelled.
- Air flow direction can be adjusted with every direction.
- * Duct type model cannot adjust air flow direction up and down.
- Temperature and fan speed cannot be adjusted.

Using the Purity function




Purity function will remove harmful materials in the air to provide you clean and healthy environment.

You can select this function additionally while the air conditioner is in operation.


When the air conditioner is turned on



Remote controller display

1. Press the **Options** button.
2. Press the <, > or **Options** button until () indicator starts to blink.
3. Press the **SET** button to set the Purity function.
 - () → () indicator will be displayed on the remote controller display and Virus Doctor function will begin.

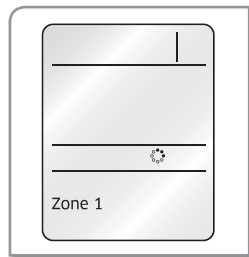
Cancel

- Press the **Options** button → press the <, > or **Options** button to make the () indicator blink and press the **SET** button.






- You may select the purity function additionally during Auto/Cool/Dry/Heat mode and you can adjust the temperature.
- * Heat mode operates with MR-EH00/MR-EH00U model only.
- If the purity function is selected additionally in fan mode, the temperature cannot be adjusted.
- When the air conditioner and the purity function are turned on simultaneously and you press the **Power** button, both air conditioner and purity function will stop operation.
- You can still use the purity function when the On timer is set with the air conditioner is turned off.
- There will not be much difference on energy consumption and operating noise when the purity function is selected additionally while the air conditioner is turned on.


When the air conditioner is turned off



Remote controller display

1. Press the **Options** button.
2. Press the **SET** button when () indicator blinks to begin purity function.
 - () → () indicator will be displayed on the remote controller display and Virus doctor function will begin.

Cancel

- Press the **Options** button to make the () indicator blink and press the **SET** button.

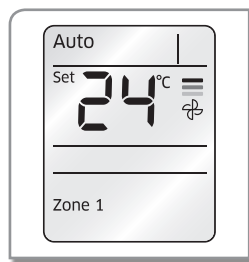
Selecting an indoor unit

You can select and operate individual indoor units out of 4 indoor units.

When the air conditioner is turned on



1. Press the **Settings** button.
 2. Press the <, > or **Settings** button until (Zone) indicator starts to blink.
 3. Press the **SET** button to select the indoor unit you want to operate.
 - You can select individual units in order (1~4) or select all indoor units at one time.
- * Before Selecting an Indoor unit ,you need setting indoor zone .Reference installation manual 02 series installation option.





Remote controller display

Selecting a blade

You can select and operate individual blades out of 4 blades.



When the air conditioner is turned on

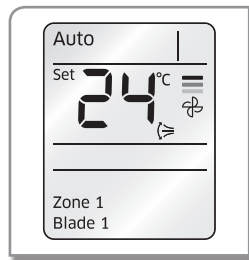


1. Press the  button.
 - Blade 1234 will be displayed.
 2. Press the **Settings** button.
 3. Press the <, > or **Settings** button until (Blade) indicator starts to blink.
 4. Press the **SET** button to select the blade you want to operate.
 - You can select the individual blades in order (1~4) or select all blades at one time.
- *  button not available on RAC.



NOTE

- To cancel the selected blade, press the  button.
- When selecting the blade individually,  button will not work.



Remote controller display

Cleaning the air conditioner



- **Make sure to turn off the power of the indoor unit and cut-off the power supply before cleaning the air conditioner.**

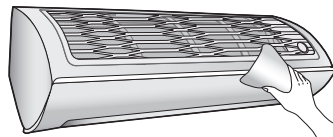
Cleaning the indoor unit

- ▶ Wipe the surface of the unit with a slightly damp micro fiber cloth when needed.



NOTE

- Contact the service center when you clean the indoor unit heat exchanger because it needs to be disassembled.
- Since the panel of the indoor unit is easily scratched, you should use a micro fiber cloth to clean the panel.
When you use the micro fiber cloth, slightly dampen the cloth and remove any debris on the cloth to avoid scratches.



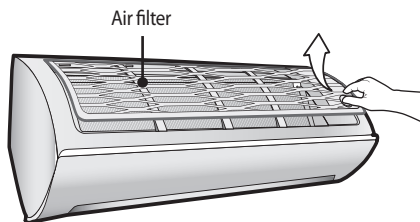
CAUTION

- Do not clean the display using alkaline detergent.
- Do not use sulfuric acid, hydrochloric acid, organic solvents (such as thinner, kerosene and acetone etc.) to clean the surface of the product or put any stickers on it.
They may damage the surface of the air conditioner.

Cleaning the air conditioner

Removing the Air filter

There is a hole on the bottom right side of the filter. Put your finger in that hole to get a grip on the filter and slightly push it up to release the hooks from the bottom side. Then, pull it down to remove the filter from the main body.

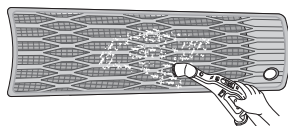


Cleaning the air filter

Washable foam based air filter captures large particles from the air. The filter is cleaned with a vacuum or by hand washing.

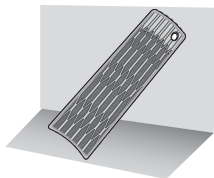
Remove the Air filter from the main body.

Clean the Air filter with a vacuum cleaner or soft brush. If dust is too heavy, rinse it with running water.



Insert the Air filter back in its original position.

Dry the Air filter in a ventilated area.

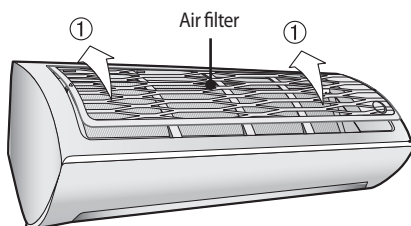


NOTE

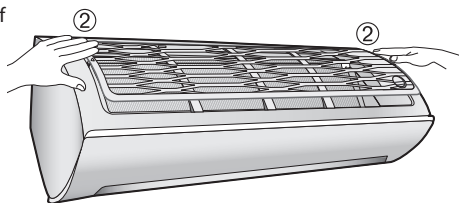
- Clean the Air filter every 2 weeks. Cleaning term may differ depending on the usage and environmental conditions. In dusty area, clean it once a week.
- If the Air filter dries in a confined (or humid) area, odors may generate. If it occurs, re-clean and dry it in a well-ventilated area.
- When the filter clean reminder is on, please press the **2nd F** button and then press the **Single User** button on remote controller.

Reassembling the Air filter

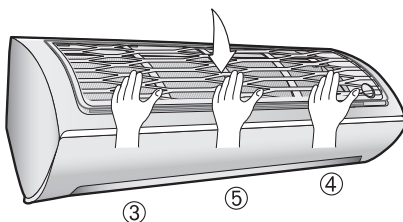
1. Put the filter on the main body and insert the hooks which are in the top of the Air filter into the the main body. ①



2. There's one hook in both side of the filter, press the surface of the Air filter softly and get the hooks into the main body. ②



3. Press the bottom of the filter lightly to securely fix the main body. ③④⑤



Maintaining the air conditioner

If the air conditioner will not be used for an extended period of time, dry the air conditioner to maintain it in best condition.


1. Dry the air conditioner thoroughly by operating in Fan mode for 3 to 4 hours and cut-off the power supply. There may be internal damage if moisture is left in components.
2. Before using the air conditioner again, dry the inner components of the air conditioner again by running in Fan mode for 3 to 4 hours. This helps remove odors which may have generated from dampness.

Periodical checks

Refer to the following chart to maintain the air conditioner properly.

Type	Description	Every 2 weeks	Every 3 months	Every 4 months	Once a year
Indoor unit	Clean the air filter (1)	●			
	Clean the condensate drain pan (2)				●
	Thoroughly clean the heat exchanger (2)				●
	Clean the cross fan (2)			●	
	Clean the condensate drain pipe (2)			●	
	Replace the remote controller batteries (1)				●
Outdoor unit	Clean the heat exchanger on the outside of the unit (2)			●	
	Clean the heat exchanger on the inside of the unit (2)				●
	Clean the electric components with jets of air (2)				●
	Verify that all the electric components are firmly tightened (2)				●
	Clean the fan (2)				●
	Verify that all the fan assembly is firmly tightened (2)				●
	Clean the condensate drain pan (2)				●

● : This check mark requires checking the indoor/outdoor unit periodically.
Follow the description to maintain the air conditioner properly.



(1) The described operations should be performed more frequently if the area of installation is very dusty.


(2) These operations must always be performed by qualified personnel. For more detailed information, see the installation part in the manual.

Troubleshooting

Refer to the following chart if the air conditioner operates abnormally. This may save time and unnecessary expenses.

PROBLEM	SOLUTION
The air conditioner does not work at all.	<ul style="list-style-type: none">• Check power status and then operate the air conditioner again.• Plug in or switch on the circuit breaker and then operate the air conditioner again.• Ensure Isolator is switch on.• Check if you have set the Off Timer. Operate the air conditioner again by pressing the Power button.
The temperature adjustment is not working.	<ul style="list-style-type: none">• Check if you have selected Fan/Fast mode. In these modes, desired temperature is set to auto and you cannot adjust the temperature.
Cool/Warm air does not come out of the air conditioner.	<ul style="list-style-type: none">• Check if the set temperature is higher(during Cool mode)/ lower(during Heat mode) than the current temperature. Press the Temp + or - button on the remote controller to change the set temperature.• Check if the Air filter is blocked by dirt. If there is a lot of dust on the Air filter, cooling(heating) performance may decrease. Clean them frequently.• Check if the outdoor unit is covered or installed near the obstacle. Take the cover off and take the obstacle away.• Check if the air conditioner is operating in defrost mode. When the ice formed in winter or the outdoor temperature is too low, the air conditioner operates in defrost mode automatically. In defrost mode, indoor fan stops and warm air does not come out.• If the doors or windows are open, it may cause bad cooling (heating) performance. Close the doors and windows.• Check if the air conditioner has just been turned on after stopping cooling or heating operation. In this case, just a fan will run to protect the outdoor unit compressor.• Check if the pipe length is too long. When the pipe length exceeds maximum allowable pipe length, cooling (heating) performance may decrease.
Air flow adjustment is not working.	<ul style="list-style-type: none">• Check if you have selected good'sleep mode. In cool mode, you cannot adjust the air flow direction. (If the good'sleep mode is operating in Heat mode, you can adjust the air flow direction.)

Troubleshooting

PROBLEM	SOLUTION
Fan speed adjustment is not working.	<ul style="list-style-type: none">• Check if you have selected Auto/Dry/good'sleep mode. In these mode, fan speed is set to Auto and you cannot adjust the fan speed.
Remote controller is not working.	<ul style="list-style-type: none">• Check if your batteries are depleted.• Make sure nothing is blocking your remote controller sensor.• Check that there are strong lighting apparatus near the air conditioner. Strong light which comes from fluorescent bulbs or neon signs may interrupt the electric waves.
Timer function does not set.	<ul style="list-style-type: none">• Check if you press the Set/Cancel button on the remote controller after you have set the time.
The indicator is blinking continuously.	<ul style="list-style-type: none">• Press the Power  button or disconnect the power plug/switch off the auxiliary power switch. If the indicator is still blinking, contact the service center.
Odors permeate in the room during operation.	<ul style="list-style-type: none">• Check if the appliance is running in a smoky area. Ventilate the room or operate the air conditioner in Fan mode for 1~2 hours. (We do not use smelly components in the air conditioner.)• Check the Drains have been cleared Regular Maintenance.
Error is indicated.	<ul style="list-style-type: none">• When an indoor unit indicator blinks, contact the nearest service center. Please ensure the error code is passed onto the service center when booking the service call.
Noise is generated.	<ul style="list-style-type: none">• Depending on the status of the air conditioner usage, noise can be heard when refrigerant flow movement changes. It is normal.
Smoke is generated from the outdoor unit.	<ul style="list-style-type: none">• If may not be a fire but it can be a steam generated by the defrost operation from outdoor heat exchanger during Heat mode in winter.
Water is dropping from the outdoor unit piping connection.	<ul style="list-style-type: none">• Water may be generated because of the temperature difference. It is normal.

Instruction for packing and unpacking the unit

► Packing the unit as below procedure

1. Assemble Cushion Left and Cushion Right to the both sides of indoor unit.
2. Place the Pad-Cushion on the both front and back of the Indoor Unit.
3. Open the Packing Case and entirely wrap the set up from the side of it.
4. Seal the Packing Case by adhesive tape.

► Unpacking the unit as below procedure

1. Peel adhesive tape off from the Packing Case.
2. Open the Packing Case and move the set.
3. Disassemble Cushion Left and Cushion Right from the both sides of indoor unit.

Technical Specifications

MODEL		AM015JNVDEH/TK		AM022JNVDEH/TK	
CLIMATES CLASS		T1	T3	T1	T3
RATED VOLTAGE & FREQUENCY		220 - 240 V~ 50 Hz		220 - 240 V~ 50 Hz	
RATED CURRENT	COOLING	0.12 A	0.12 A	0.13 A	0.13 A
	HEATING (H1)	0.13 A		0.15 A	
RATED POWER INPUT	COOLING	14.00 W	14.00 W	15.00 W	15.00 W
	HEATING (H1)	16.00 W		18.00 W	
EER	COOLING	-	-	-	-
	HEATING (H1)	-		-	
NET WEIGHT		8.1 kg		8.1 kg	
DIMENSIONS OF THE UNIT [W×H×D]		750×249×246 mm		750×249×246 mm	
COUNTRY OF ORIGIN		MADE IN CHINA		MADE IN CHINA	

MODEL		AM028JNVDEH/TK		AM036JNVDEH/TK	
CLIMATES CLASS		T1	T3	T1	T3
RATED VOLTAGE & FREQUENCY		220 - 240 V~ 50 Hz		220 - 240 V~ 50 Hz	
RATED CURRENT	COOLING	0.13 A	0.13 A	0.15 A	0.15 A
	HEATING (H1)	0.19 A		0.20 A	
RATED POWER INPUT	COOLING	16.00 W	16.00 W	20.00 W	20.00 W
	HEATING (H1)	24.00 W		28.00 W	
EER	COOLING	-	-	-	-
	HEATING (H1)	-		-	
NET WEIGHT		8.2 kg		9.8 kg	
DIMENSIONS OF THE UNIT [W×H×D]		750×249×246 mm		826×261×261 mm	
COUNTRY OF ORIGIN		MADE IN CHINA		MADE IN CHINA	

Technical Specifications

MODEL		AM045JNVDEH/TK		AM056JNVDEH/TK	
CLIMATES CLASS		T1	T3	T1	T3
RATED VOLTAGE & FREQUENCY		220 - 240 V~ 50 Hz		220 - 240 V~ 50 Hz	
RATED CURRENT	COOLING	0.24 A	0.24 A	0.21 A	0.21 A
	HEATING (H1)	0.31 A		0.29 A	
RATED POWER INPUT	COOLING	31.00 W	31.00 W	27.00 W	27.00 W
	HEATING (H1)	41.00 W		37.00 W	
EER	COOLING	-	-	-	-
	HEATING (H1)	-		-	
NET WEIGHT		9.8 kg		14.6 kg	
DIMENSIONS OF THE UNIT [W×H×D]		826×261×261 mm		1065×301×294 mm	
COUNTRY OF ORIGIN		MADE IN CHINA		MADE IN CHINA	

MODEL		AM071JNVDEH/TK		AM082JNVDEH/TK	
CLIMATES CLASS		T1	T3	T1	T3
RATED VOLTAGE & FREQUENCY		220 - 240 V~ 50 Hz		220 - 240 V~ 50 Hz	
RATED CURRENT	COOLING	0.31 A	0.31 A	0.42 A	0.42 A
	HEATING (H1)	0.41 A		0.55 A	
RATED POWER INPUT	COOLING	41.00 W	41.00 W	55.00 W	55.00 W
	HEATING (H1)	53.00 W		72.00 W	
EER	COOLING	-	-	-	-
	HEATING (H1)	-		-	
NET WEIGHT		14.6 kg		14.6 kg	
DIMENSIONS OF THE UNIT [W×H×D]		1065×301×294 mm		1065×301×294 mm	
COUNTRY OF ORIGIN		MADE IN CHINA		MADE IN CHINA	

SAMSUNG



QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
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AM***JNVD** Series

Air Conditioner user manual

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