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This product has been determined to be in compliance with the Low Voltage Directive (2006/95/EC), and the Electromagnetic Compatibility Directive (2004/108/EEC) of the European Union.



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

(Applicable in the European Union and other European 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.

Register your product at www.samsung.com/global/register

Safety Precautions

The following safety precautions are provided to protect the users' safety and prevent property damage. Make sure to read the followings and use the air conditioner properly.

- ▶ Keep this user's manual together with the installation manual in a handy place so that you can find it whenever you need to see it after reading this manual thoroughly.



WARNING

- This indicates the possibility of serious injury or death.



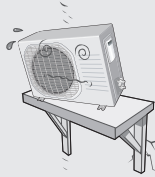
CAUTION

- This indicates the possibility of serious injury or damage to environments when operated incorrectly.

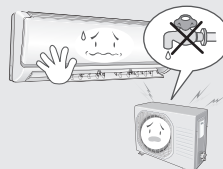
WHEN INSTALLING



- ▶ Do not install the unit in a place where it is exposed to inflammable gas leakage.



- ▶ Do not install the outdoor unit where there's the risk of dropping such as on high outer wall or outside of the terrace.



- ▶ Do not connect the ground to a gas pipe, water pipe, lightning rod or telephone earth.



- ▶ Contact the service center if the air conditioner is under water.



- ▶ The installation must be carried out by a licensed installer or qualified personnel when installing the unit for the first time or reinstalling it.

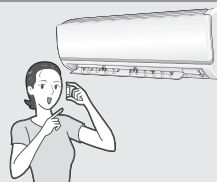
REGARDING POWER SOURCE



- ▶ Do not pull the electric wire or touch the power plug with the wet hands.



- ▶ Install the switch and circuit breaker only for air conditioner.



- ▶ Use the rated current fuse.



- ▶ Do not bend the electric wire by force or weigh down the air conditioner not to be out of order.



- ▶ Use the power source with separate wiring only for air conditioner.



- ▶ If the power plug is damaged, replace it by the manufacturer or qualified personnel to avoid the risk.

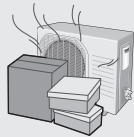


WARNING

DURING OPERATION



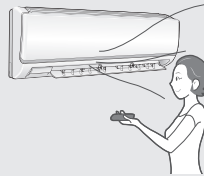
- ▶ Do not attempt to repair, move, modify or reinstall the unit on your own. Make sure that these installations are carried out by qualified personnel to avoid electric shock or fire.



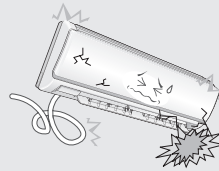
- ▶ Do not place any obstacles in front of the unit. Make sure that the unit is correctly ventilated at all times: Do not place clothing or other materials over it.



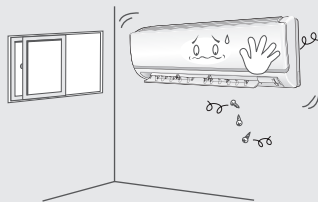
- ▶ Do not insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.



- ▶ When using a wireless remote control, the distance should not be more than 7 meters from the air conditioner. (If applicable)



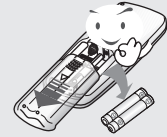
- ▶ The manufacturer declines any liability for damage resulting from modifications or errors in the electrical or hydraulic connections.



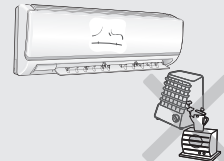
- ▶ Failure to observe the installation instruction, or use of the unit under conditions other than those indicated in the table 'Operating limit' of the unit installation manual, will immediately invalidate the unit warranty.



- ▶ Never spill any kind of liquid into the unit. Should this happen, unplug or main switch off the unit and contact an authorized service center.



- ▶ If the wireless remote control is not used for a long time, remove the batteries. (If applicable)



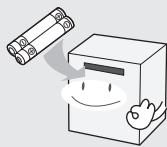
- ▶ Do not connect the electric heater to the air conditioner or repair it with your discretion.



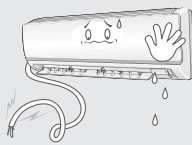
- ▶ Do not place any materials so that children cannot step on it.

WARNING

DISPOSING THE UNIT



- ▶ Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely for recycling reasons.



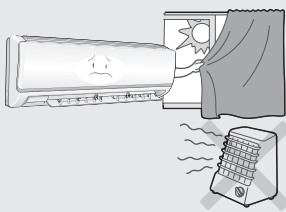
- ▶ When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.



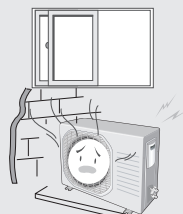
- ▶ Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.

CAUTION

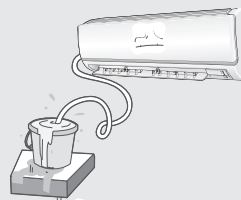
WHEN INSTALLING



- ▶ Install the air conditioner avoiding direct sunlight or heater, especially water.



- ▶ Install the outdoor unit so as to let the discharged air out properly. Avoid a place that may disturb your neighbor by noise.



- ▶ Install the drain hose to let the water run safely and correctly.



CAUTION

REGARDING POWER SOURCE



- ▶ Disconnect the circuit breaker when you don't use the air conditioner for a long time to save energy.

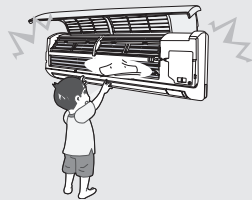


- ▶ Contact the service center or manufacturer if you want to repair the air conditioner.



- ▶ Contact the service center after turning off the air conditioner if strange noise is heard, burning smell or smoke blow.

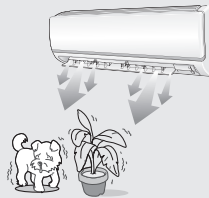
DURING OPERATION



- ▶ Do not open the front grille during operation.



- ▶ Do not use the air conditioner for a long time in a closed room or in a place where there's a baby or an old person.



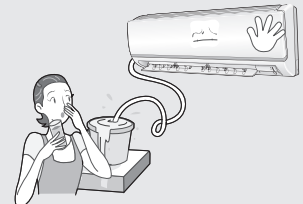
- ▶ Avoid cold and hot air reaching to person, pet or a plant directly for a long time.



- ▶ Do not step on the air conditioner or put heavy object on it.



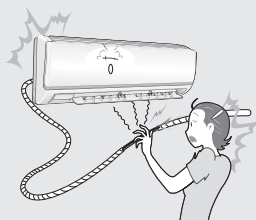
- ▶ Avoid the water from getting into the air conditioner.



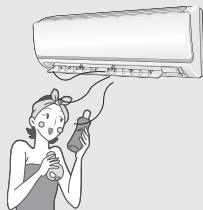
- ▶ Do not drink the water from the air conditioner.

CAUTION

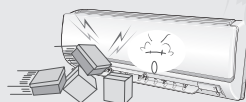
DURING OPERATION



▶ Do not touch the pipes connected to the air conditioner.

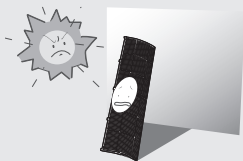


▶ Do not use the air conditioner to maintain the machine, food, pet, plant or cosmetics.

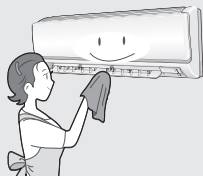


▶ Do not give excessive shock to the air conditioner.

OTHERS



▶ Be sure that the air filter not to be exposed to direct sunlight.



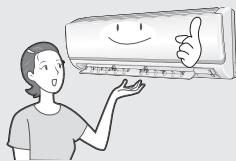
▶ Turn off the air conditioner and if the fan stops to operate, clean the air conditioner.



▶ Clean the air filter every 2 weeks.



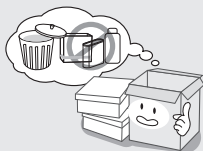
▶ Be sure to insert the air filter.



▶ The appliance is not intended for use by young children or infirm persons without supervision: Young children should be supervised to ensure that they do not play with the appliance.



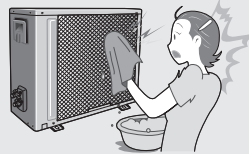
▶ Do not clean the air conditioner by spraying water directly or with benzene, thinner or alcohol.



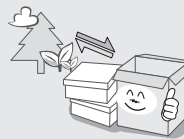
▶ Dispose of the packaging material in accordance with the local requirements.



▶ The maximum input power & current is measured according to the IEC standard and the input power & current is measured according to the ISO standard.



▶ The surface of the heat exchanger is sharp, so be careful of it when cleaning.

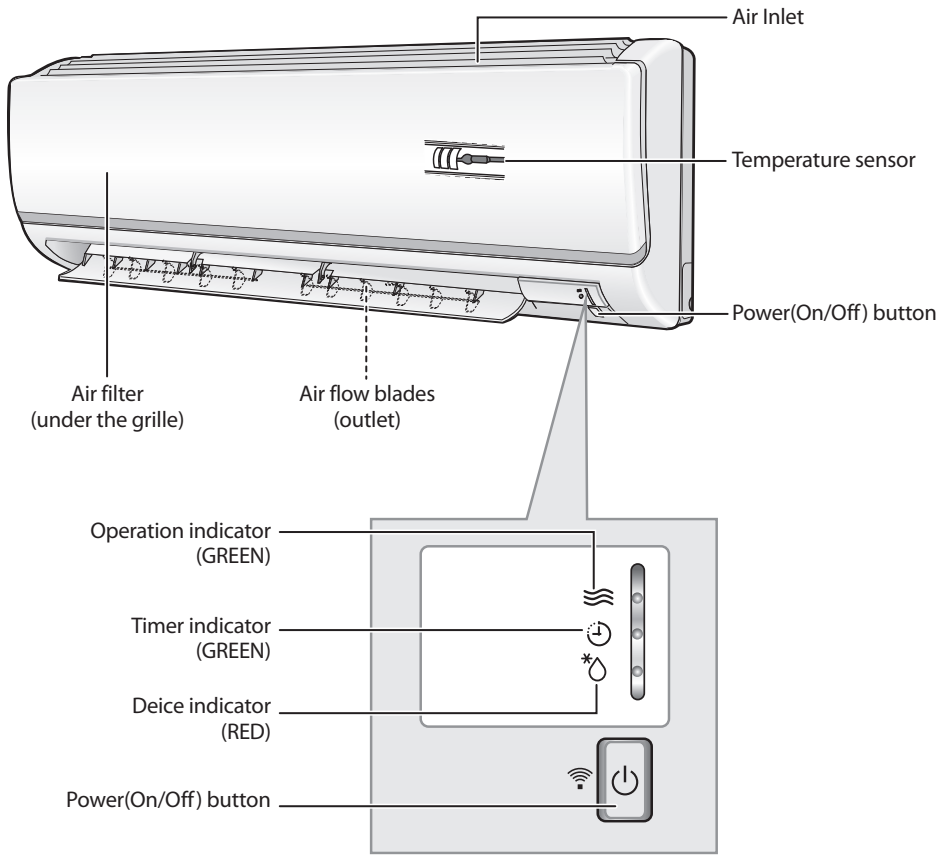


▶ All of the manufacturing and packaging materials used for your new appliance are compatible with the environment and can be recycled.

Name of Each Part

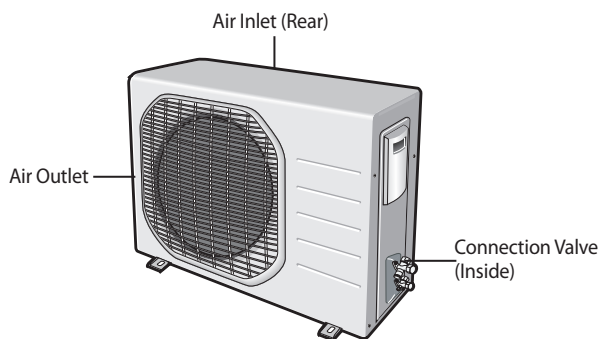
The design and shape can be changed according to the model.

Indoor Unit

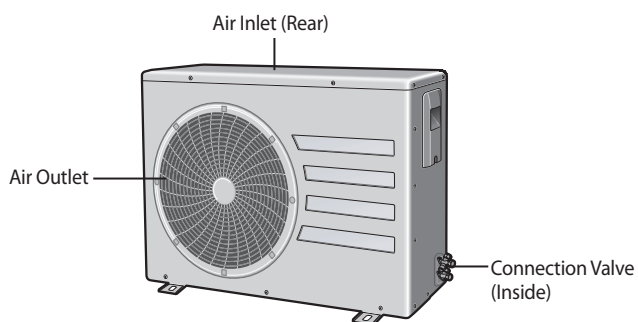


Outdoor Unit

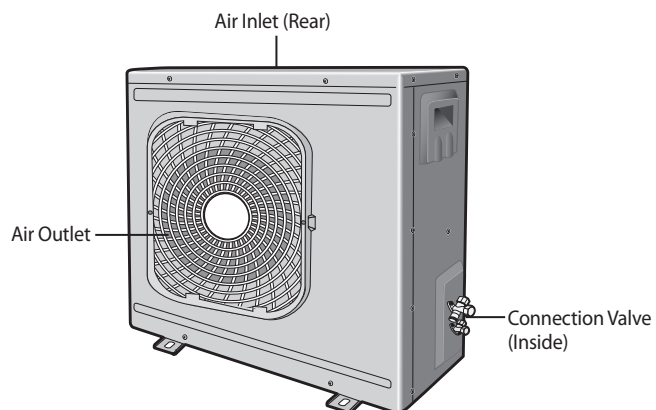
UH026/035EAV1

**Outdoor Unit**

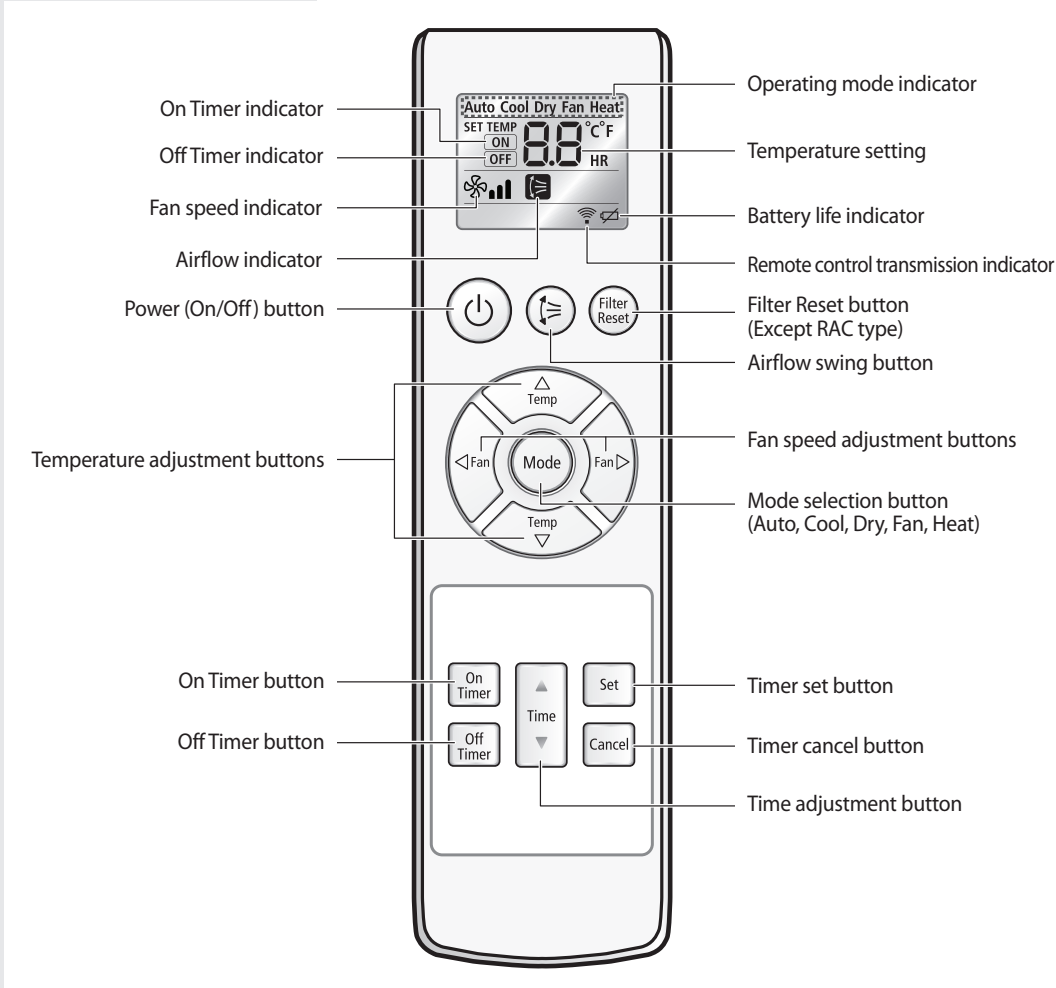
UH052EAV1

**Outdoor Unit**

UH070EAV2



Remote Control-Buttons and Display



Inserting the Remote Control Batteries

You must insert or replace the remote control batteries when:

- ◆ **You purchase the air conditioner**
- ◆ **The remote control does not work correctly**

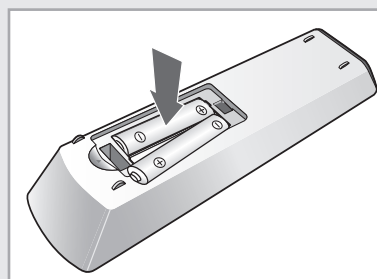
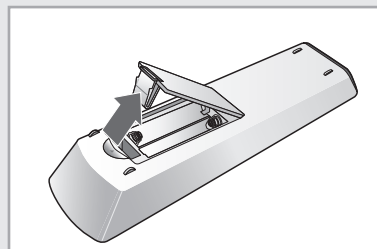
Note

- ◆ Use two AAA, LR03 1.5V batteries.
- ◆ Do not use old and new batteries or different kinds of batteries together.
- ◆ Insert two batteries correctly as indicated by the + and - symbols.

- 1 Remove the battery cover in the rear of the remote control by pushing it with your thumb.

- 2 Insert two batteries, respecting the polarities as indicated by the + and - symbols.

- 3 Close the cover by sliding it back in place.



Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return 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.

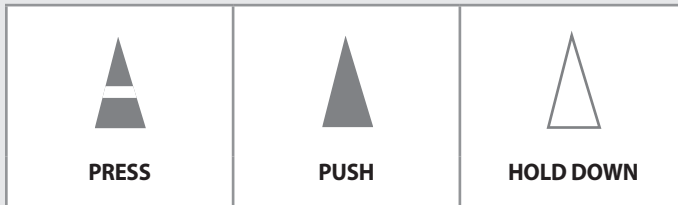
To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

Getting Started

The User's Manual provides you with valuable information about your air conditioner. In order to take full advantage of the air conditioner's features, please read this manual carefully before using.

You have already seen the basic description of the unit on pages from 8 to 10. Starting with the next page, 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:



Selecting Auto Mode

The room temperature and the fan speed are controlled automatically in Auto mode.

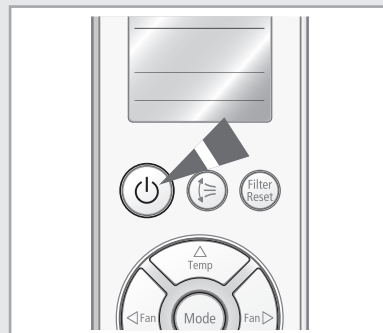
- 1 Press  (ON/OFF) button.

Result: The air-conditioner will turn on with the mode selected when the unit was last used.

Caution The air-conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:

- ◆ Plugged in
- ◆ Stopped

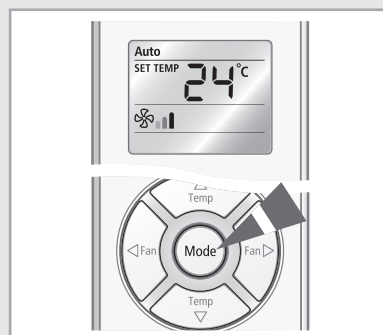
The air-conditioner will start up after three minutes.




- 2 To select Auto mode, press  button until **Auto** appears on the remote control display.

Result:

- ◆ The air-conditioner will run in Auto mode.
- ◆ Auto mode cools or heats the room depending on the set temperature.



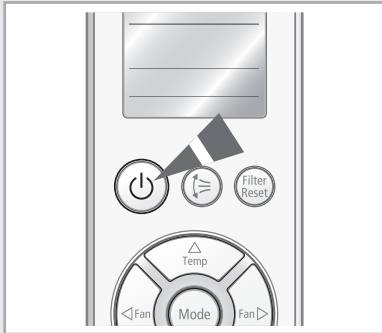
- 3 To adjust the temperature, press  button to set the desired temperature. The temperature can be set between 18°C(65°F) and 30°C(86°F).

Result: The temperature is adjusted by 1°C(1°F) when  button is pressed.



- 4 To adjust the airflow direction refer to page 18~19.

Selecting Cool Mode



Select Cool mode to lower the room temperature.

- 1 Press  (ON/OFF) button.

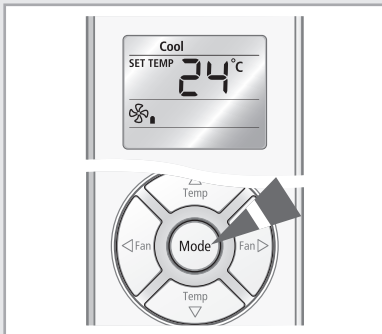
Result: The air-conditioner will turn on with the mode selected when the unit was last used.

Caution The air-conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:

◆ Plugged in

◆ Stopped



The air-conditioner will start up after three minutes.

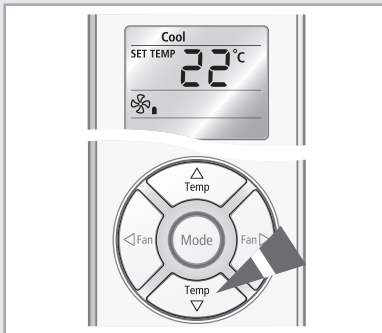



- 2 To select Cool mode, press  button until **Cool** appears on the remote control display.

Result: The air-conditioner will run in Cool mode.

- 3 To adjust the temperature, press   button to set the desired temperature. The temperature can be set between 18°C(65°F) and 30°C(86°F).

Result: The temperature is adjusted by 1°C(1°F) when   button is pressed.



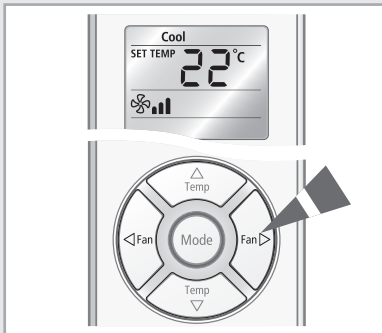
- 4 Press  button to select the fan speed until the required setting is displayed.

 Automatic(rotated :  →  → )

 Low

 Medium

 High



- 5 To adjust the airflow direction refer to page 18~19.

Selecting Heat Mode

The Heat mode can be select only on the heat pump models.

- 1 Press  (ON/OFF) button.

Result: The air-conditioner will turn on with the mode selected when the unit was last used.

Caution The air-conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:

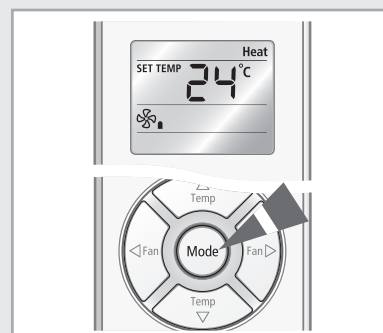
- ◆ Plugged in
- ◆ Stopped

The air-conditioner will start up after three minutes.





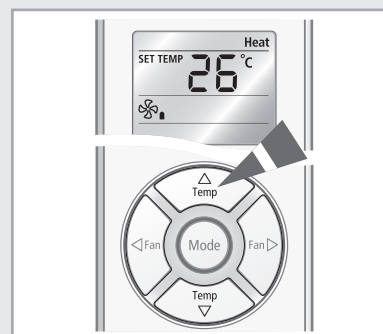
- 2 To select Heat mode, press  button until **Heat** appears on the remote control display.


Result: The air-conditioner will run in Heat mode.








- 3 To adjust the temperature, press   button to set the desired temperature. The temperature can be set between 16°C(61°F) and 30°C(86°F).

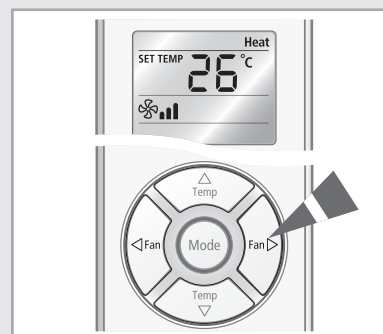
Result: The temperature is adjusted by 1°C(1°F) when   button is pressed.



- 4 Press  button to select the fan speed until the required setting is displayed.

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

- 5 To adjust the airflow direction refer to page 18~19.



Selecting Dry Mode

Select Dry mode if the room is too humid. Using this mode will slightly lower the room temperature.



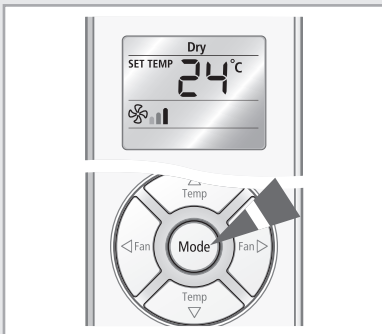
- 1 Press  (ON/OFF) button.

Result: The air-conditioner will turn on with the mode selected when the unit was last used.

Caution The air-conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:

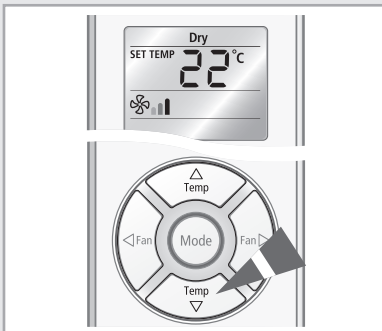
- ◆ Plugged in
- ◆ Stopped

The air-conditioner will start up after three minutes.





- 2 To select Dry mode, press  button until **Dry** appears on the remote control display.

Result: The air-conditioner will run in Dry mode.



- 3 To adjust the temperature, press   button to set the desired temperature. The temperature can be set between 18°C(65°F) and 30°C(86°F).

Result: ◆ The temperature is adjusted by 1°C(1°F) when   button is pressed.

◆ The fan speed is adjusted automatically in Dry mode.

- 4 To adjust the airflow direction refer to page 18~19.

Selecting Fan Mode

Select Fan mode to circulate air without changing the temperature.

- 1 Press  (ON/OFF) button.

Result: The air-conditioner will turn on with the mode selected when the unit was last used.


Caution The air-conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:




- ◆ Plugged in
- ◆ Stopped

The air-conditioner will start up after three minutes.

- 2 To select Fan mode, press  button until **Fan** appears on the remote control display.

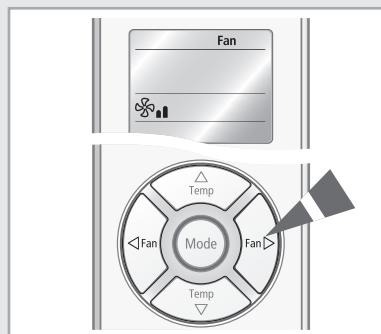
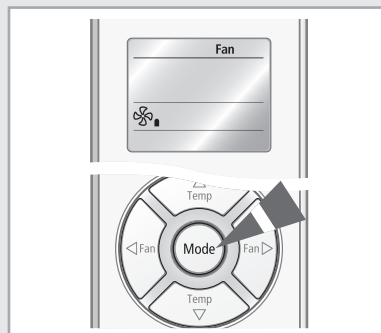
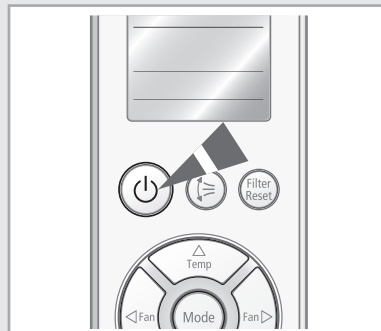
Result: The air-conditioner will run in Fan mode.

- 3 Press  button to select the fan speed until the required setting is displayed.

-  Low
-  Medium
-  High

- 4 To adjust the airflow direction refer to page 18~19.

Note *If you are not using air conditioner for an extended time maintain the unit after it was in Fan mode for 3 to 4 hours. Having inside unit in dry is a good way to keep it.*




Adjusting the Airflow Direction Vertically




The airflow direction can be adjusted up and down. This function provides cold air to even the corner of indoor areas.

- 1 Press  button.

Result: The blade moves vertically.

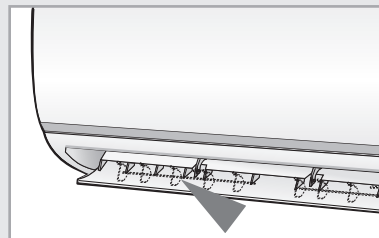
- 2 To stop moving the blade, press  button.

Note To set the required position, press  button when the blade is in the required position.

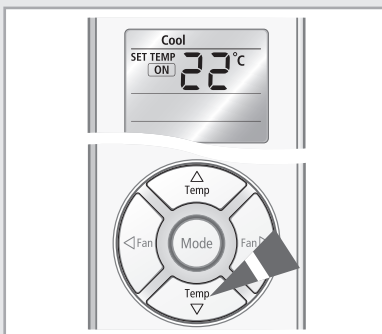
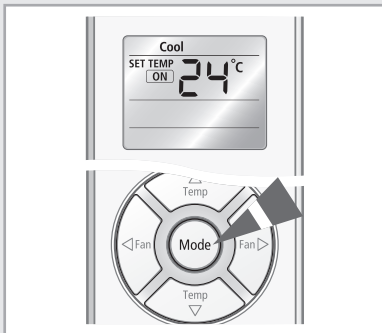
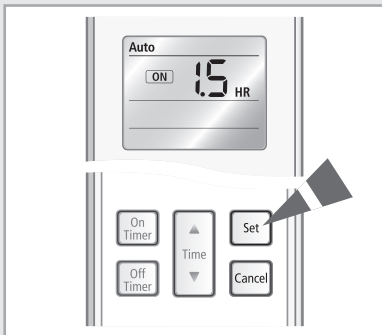
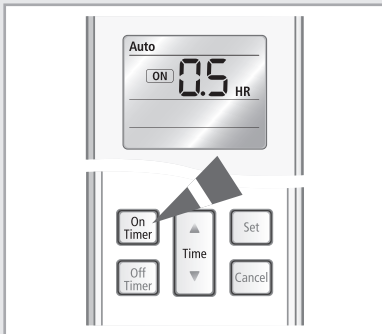
Adjusting the Airflow Direction Horizontally

*You can adjust airflow direction horizontally manually.
The inner blades with small fins move the air in the desired direction.*

- 1 Adjust the inner blades by moving them left or right.
 - ◆ Make sure do not touch the inner blades during operation.
It may cause injury on your fingers.



Setting the On Timer



The On Timer enables you to turn on the air conditioner automatically at the appointed time within a range of 30 minutes to 24 hours.

- 1 Press button.

Result: is blinking on the remote control display.

- 2 Press button to set until the desired time is displayed.

Result: Time is adjusted for 30 minutes or 1-hour increments pressing button within a range of 30 minutes to 24 hours.

- 3 Press button to complete setting.

Result:

- ◆ Blinking stops and remaining time is displayed.
- ◆ If you don't press button in 10 seconds, setting will be canceled.
- ◆ To cancel the set, press again.

- 4 Press button until the desired mode appears on the remote control display.

Result:

- ◆ The air conditioner runs in the selected mode when it is turned on.
- ◆ Whenever pressing button, **Auto** → **Cool** → **Dry** → **Fan** → **Heat** is selected repeatedly.

- 5 To adjust the temperature, press button to set the desired temperature.


Result:



- ◆ Press button until the desired temperature appears on the remote control display.
- ◆ Adjusting temperature is in Auto, Cool, Dry and Heat mode.



Setting the Off Timer

The Off Timer enables you to turn on the air conditioner automatically at the appointed time within a range of 30 minutes to 24 hours.

1 Press  button.




Result:  is blinking on the remote control display.

2 Press   button to set until the desired time is displayed.


Result: Time is adjusted for 30 minutes or 1-hour increments pressing   button within a range of 30 minutes to 24 hours.

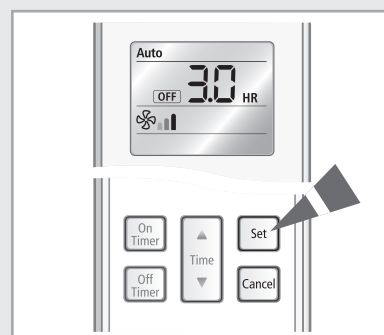
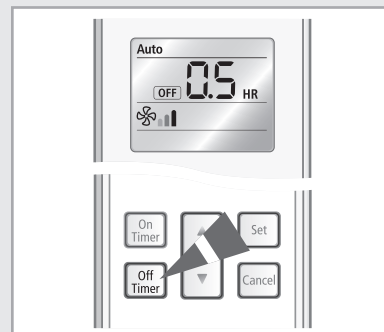
3 Press  button to complete setting.

Result:

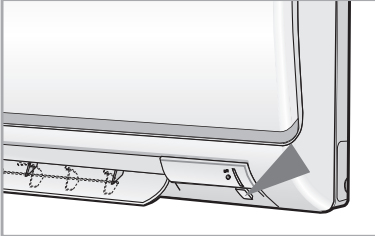
- ◆ Blinking  stops and remaining time is displayed.
- ◆ If you don't press  button in 10 seconds, setting will be canceled.
- ◆ To cancel the set, press  again.

Note

- ◆ **If you would like to turn off the air conditioner and then to turn on it again automatically at the appointed time by using On/Off Timer, you should set Off Timer longer than On Timer.**
- ◆ **If you press  button when On and Off Timer are set at once, both settings will be canceled.**



Operating Your Air Conditioner Without the Remote Control



Your air conditioner can be operated directly from the indoor unit if the remote control is lost or broken.

- 1 To switch the air conditioner on, press the ON/OFF switch on the right side of the indoor unit.

Result:

- ◆ The OPERATION indicator on the indoor unit comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the most suitable mode for the room temperature. The mode may change from cooling into heating, from heating into cooling depending on the current temperature during operation:

Room Temperature Operating Mode

Less than 24°C Heat

24°C or above Cool

- 2 To switch the air conditioner off, press the ON/OFF switch again.

Note Even if the air conditioner has been switched on via the ON/OFF switch, operations can still be controlled using the remote control as usual.

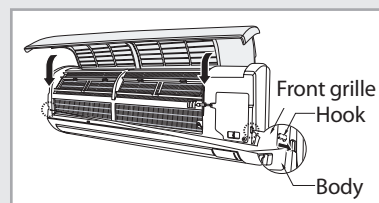
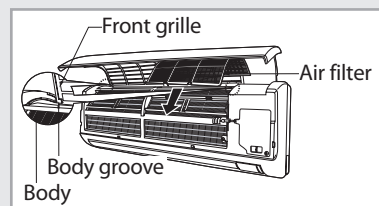
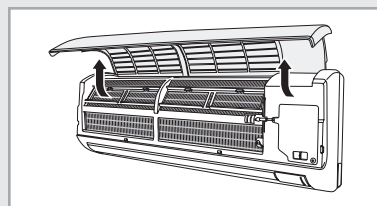
Cleaning Your Air Conditioner

To get the best possible use out of your air conditioner, you must clean it regularly to remove the dust that accumulates on the air filter.

IMPORTANT Before cleaning your air conditioner, ensure that you have switched off the breaker used for the unit.

- 1 Open the upper front grille by pulling the lower right and left tabs of the grille.
- 2 Pull air filters out of each tab of the grille.
- 3 Remove all dust on the air filters with a vacuum cleaner or brush.
- 4 When you finished, insert air filters by fixing it to each tab of the grille.
- 5 To close the front grille, fix it to hooks and push down the lower right and left tabs of the grille.
- 6 Clean the front grille with a damp cloth and mild detergent (do NOT use benzene, solvents or other chemicals).

Note *If you have not used the air conditioner for a long period of time, set the fan going for three to four hours to dry the inside of the air conditioner thoroughly.*



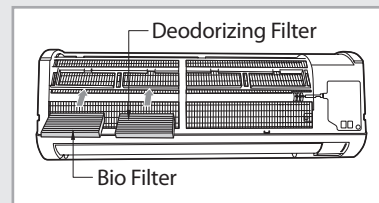
Cleaning Deodorizing and Bio filter (Option)

To remove minute dust particles and odors, deodorizing and Bio filter are installed in the air conditioner. You should clean the filters every 3 months.

- 1 Open the upper front grille by pulling the lower right and left tabs of the grille.
- 2 Pull out the deodorizing and Bio filter.
- 3 Wash the filters with clean water, then dry them in the shade.
- 4 Insert the filters into the original position.

Note You can change the position of filters with each other.

- 5 Close the front grille.



Temperature and Humidity 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	OPERATING CONDITIONS	IF OUT OF CONDITIONS
COOL	Indoor temp: 18°C~32°C	- A safety device will stop continuously the system functioning; - Condensation may occur on the indoor unit with risk to have either water blow off or drops on the floor;
	Indoor humidity: below 80%	
	Outdoor temp: -10°C~43°C(UH026/35EAV*) Outdoor temp: -15°C~43°C(UH052/70EAV*)	
HEAT	Indoor temp: below 27°C	- A safety device will stop continuously the system functioning;
	Outdoor temp: -15°C~24°C(UH026/35EAV*) Outdoor temp: -20°C~24°C(UH052/70EAV*)	
DEHUMIDIFYING	Indoor temp: 18°C~32°C	- A safety device will stop continuously the system functioning; - Condensation may occur on the indoor unit with risk to have either water blow off or drops on the floor;
	Indoor humidity: below 80%	
	Outdoor temp: -10°C~43°C(UH026/35EAV*) Outdoor temp: -15°C~43°C(UH052/70EAV*)	
POWER SUPPLY	Single phase rated voltage minimum and maximum limit	220V-240V~,50Hz 198V min.-264V max.

※ **Any damage occurs out of condition specified cannot be covered by product warranty.**
If the system works continuously outside of conditions, its performance and reliability will be compromised.




Operating Recommendations

Here are a few recommendations that you should follow when using your air conditioner.

Topic	Recommendation
Heating performances	The heat pump function of the air conditioner absorbs heat from outside air and brings it indoors. As the temperature of the outside air drops, the heating performance of air conditioner will decrease. If you find that the room is not warm enough, using an additional heating appliance is recommended.
Warm air circulation	The air conditioner circulates warm air to heat your room. It will take some time to warm the air in your room entirely after the air conditioner turns on. Therefore, turn the air conditioner on in advance.
Frost	When outside temperature is low but humidity is high, frost may form on the outdoor unit at HEAT mode. If this happens: <ul style="list-style-type: none"> ◆ The heating operation stops. ◆ The defrost mode will be triggered automatically for about 10 minutes. ◆ The steam produced on the outdoor unit in the defrost mode is safe. No intervention is required ; after about ten minutes, the air conditioner operates again normally.
High indoor and outdoor temperatures	If both indoor and outdoor temperatures are high and the air conditioner is running at HEAT mode, the outdoor unit's fan and compressor may stop at times. This is normal; simply wait until the air conditioner switches on again.
Power failure	If a power failure occurs while the air conditioner is operating, the unit will be switched off. When the power returns, the air conditioner starts up again automatically.
Protection mechanism	When the air conditioner is started immediately after being plugged in or stopped, the normal operation starts up after 3 minutes for the reason of protection.
Cooling operation	The indoor unit may not get the selected fan speed such as Medium and Low under cooling operation at very low outdoor temperatures for the protection of the indoor unit from ice or frost. During Low fan speed operation, cooling performance will be reduced. If the room does not be cooled down when using Low fan speed operation, please adjust the indoor unit's fan speed.

Solving Common Problems

**Before contacting the after-sales service, perform the following simple checks.
They may save you the time and expense of an unnecessary call.**

<u>Problem</u>	<u>Explanation/Solution</u>
The air conditioner does not operate at all.	<ul style="list-style-type: none"> ◆ Check if power is on and operate the air conditioner again. ◆ Check if the circuit breaker is switched off. ◆ Check if Off Timer is set.
The temperature is not adjusted.	<ul style="list-style-type: none"> ◆ Check if you selected the Fan mode.
The air conditioner does not operate in the HEAT mode.	<ul style="list-style-type: none"> ◆ Check if the air conditioner is cooling only model. ◆ Check if the remote control is for cooling only model.
The cool(warm) air does not come out from the air conditioner.	<ul style="list-style-type: none"> ◆ Check if set temperature higher(lower) than current temperature. ◆ Check if you selected the Fan mode. Select the Cool, Heat, Auto or Dry mode. ◆ Check if the air filter is blocked by dirt. Clean the air filter regularly. ◆ Check if there is cover on the outdoor unit or any obstacle. Remove the cover or obstacle. ◆ Check if you installed the air conditioner under direct sunlight. ◆ The window or door may be opened. ◆ Check if you turn on the air conditioner just now. It takes about 3 minutes to cool or heat the room. ◆ Check if the drain pipe is too long.
The fan speed is not adjusted.	<ul style="list-style-type: none"> ◆ In Dry mode, the fan speed is selected automatically.
The remote control does not operate.	<ul style="list-style-type: none"> ◆ Check if the battery is discharged. Replace the battery. ◆ Check if the remote control sensor is blocked. ◆ Check if the air conditioner is placed near strong light.
The Timer is not set.	<ul style="list-style-type: none"> ◆ Check if you pressed the  button after selecting time.
Odor is permeated in the room during operation.	<ul style="list-style-type: none"> ◆ Check if you use the air conditioner in smoky area or there is a smell. Ventilate the room or select the Fan mode for 1~2 hours.
The indoor unit indicator flashes.	<ul style="list-style-type: none"> ◆ Press the  button to turn on the air conditioner again. Switch the circuit breaker off and switch on it again.
Strange sound is heard from the air conditioner.	<ul style="list-style-type: none"> ◆ The sound is heard when the refrigerant gas flow is changed depending on the use of the air conditioner. ◆ When you press the  button, noise may be heard that the air conditioner sense the airflow blade.
Water drops from the outdoor unit connection part.	<ul style="list-style-type: none"> ◆ Water may form due to the difference of the temperature.

AUTO-DIAGNOSTIC FUNCTION

***This air conditioner has an auto-diagnostic function in case a failure will happen.
Occurring error, the Lamp is blink.***

Before contacting customer call center green number, please ask to installer to make a double check of installation unless there's a full evidence of SAMSUNG product problem.

Periodical Checks

Type	Description	Monthly	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 condensate drain pipe (2)		●	
	Replace the remote control batteries			●
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)			●

※ The checks and maintenance operations described are essential to guarantee the efficiency of the air conditioner. The frequency of these operations varies according to the characteristics of the area, the amount of dust, etc.

(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 Manual.

Protections enabled by the Unit control system

Type of protection	Description	Operation	When it enables
Protection against cold air	The internal fan is off	Heating on heat pump	During operation
Defrost cycle	The internal fan is off	Heating on heat pump	During operation
Anti-frost protection of internal battery	The compressor is off	Cooling During operation	
Delayed start of compressor	The start of the compressor is delayed.	Cooling or heating on heat pump	At start-up or during the selection of the operating mode

CAUTION

If the air conditioner is operating in heat pump mode, it performs several defrost cycles in order to remove the frost that may have deposited on the outdoor unit (at low temperatures). In this case, the internal fan is switched off automatically and restarted only after the defrost cycle is completed.



Contact SAMSUNG WORLD WIDE

If you have any comments or questions regarding a Samsung product, contact the SAMSUNG customer care center.

Country	Customer Care Center ☎	Web Site
AUSTRIA	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com
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CZECH	800 - SAMSUNG (800-726786)	www.samsung.com
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USER'S MANUAL

Commercial-Split Type Series

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NS052NHXEA

NS070NHXEA

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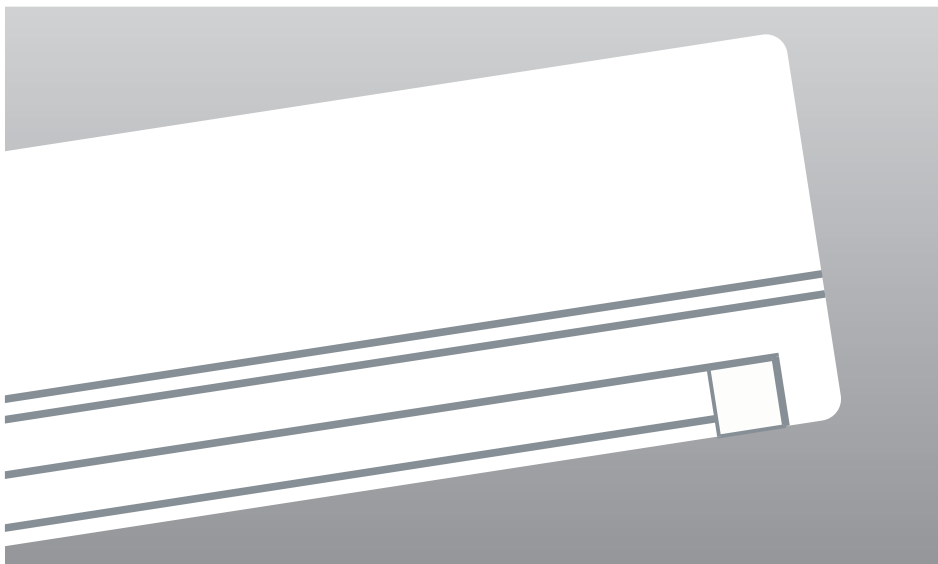
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DEUTSCH

ΕΛΛΗΝΙΚΑ

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INVERTER



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