



# ***MULTISPLIT* TROPICAL**

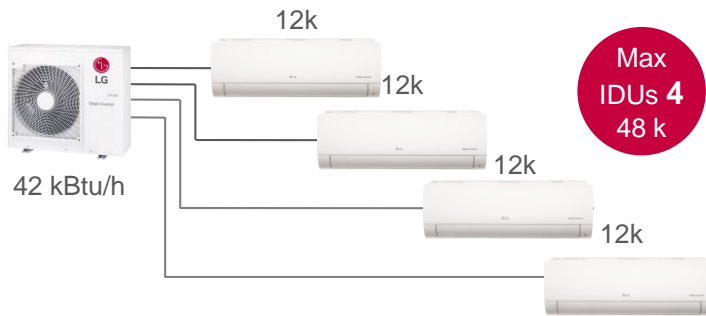
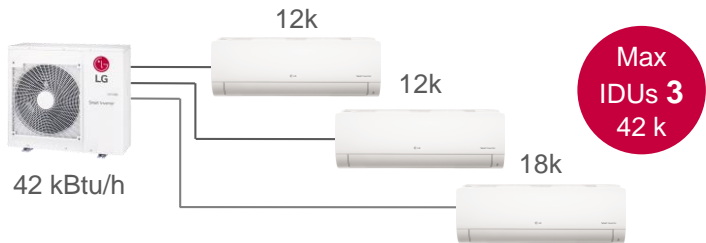
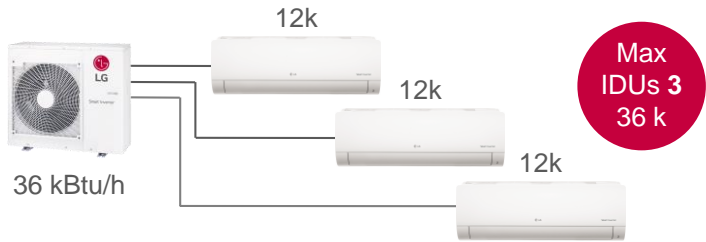
Product Introduction



# Tropical Multi Split


Line-up

## Capacity Combination



※ Total Capacity ratio of IDU combinations is able to be up to 130%.

## Outdoor Unit

<i>kBtu/h</i>		<b>NEW!</b> 36 (A3UW36GFT1)	<b>NEW!</b> 42 (A4UW42GFT1)	
<i>IDU Connection Type</i>		<i>Multi Piping Type</i>		
<i>Appearance</i>				
<i>Capacity</i>	<i>Cooling</i>	<i>Btu/h</i>	36,000	42,000
		<i>kW</i>	10.6	12.3
	<i>Heating</i>	<i>kW</i>	12.3	12.5
<i>EER (W/W)</i>			3.2	3.0
<i>COP (W/W)</i>			3.7	3.9
<i>Max Combination IDU #</i>			3	4
<i>Power Supply</i>			(220~240V, 1Φ, 50Hz)	(220~240V, 1Φ, 50Hz)

## Indoor Unit

<i>kBtu/h</i>	12 (AMNW12GSJC0)	18 (AMNW18GSKC0)	24 (AMNW24GSKC0)
<i>kW</i>	3.5	5.3	7.0

*Wall Mounted*

*Standard Plus*



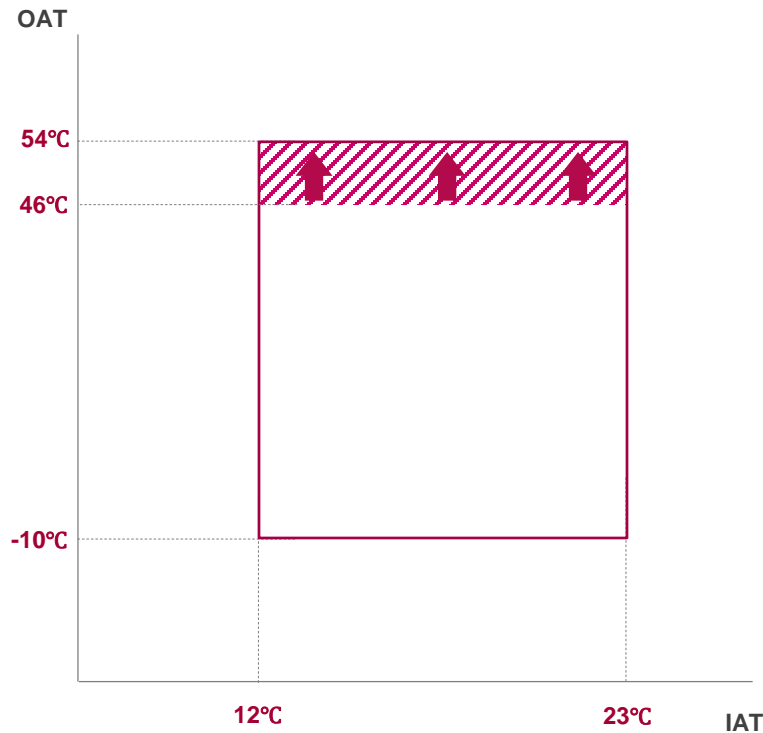
# Operation range

High Operation Reliability

Thanks to the wide operation range, models using R410A refrigerant are suitable for cooling in tropical weather condition, reaching to Max. 54°C(DB).

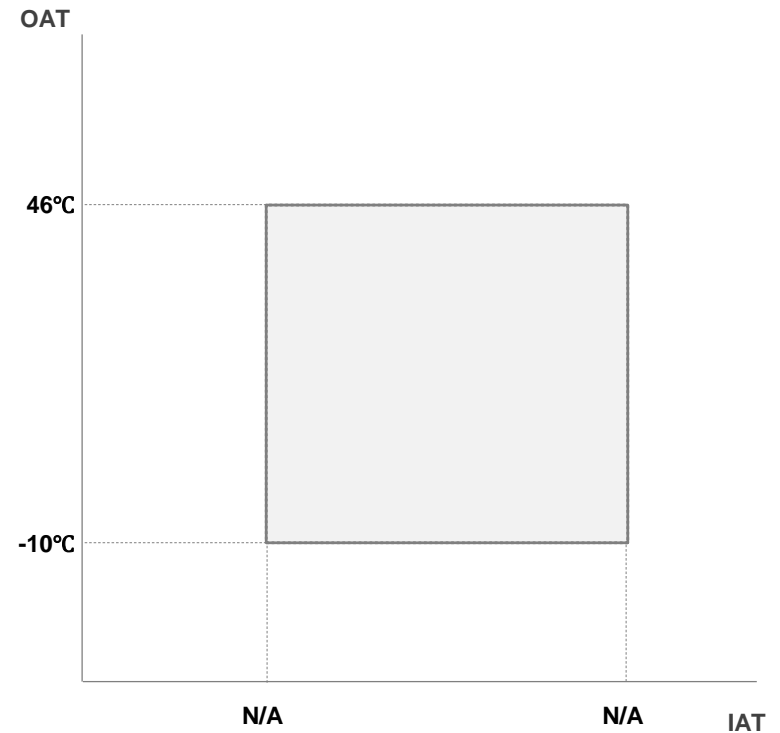
## MULTI Split

Outdoor temp. range for cooling operation is **-10 ~ 54°C**



## Competitor

Outdoor temp. range for cooling operation is **-10 ~ 46°C**



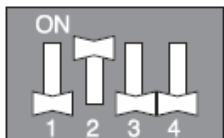
※ OAT : Outdoor Air Temperature  
※ IAT : Indoor Air Temperature

# Wiring Error Check

Installers can check whether the transmission cable has been connected correctly by using the wiring error check function. The wiring error check function can reduce the time taken to check for transmission cable errors.



\* Dip Switch Setting

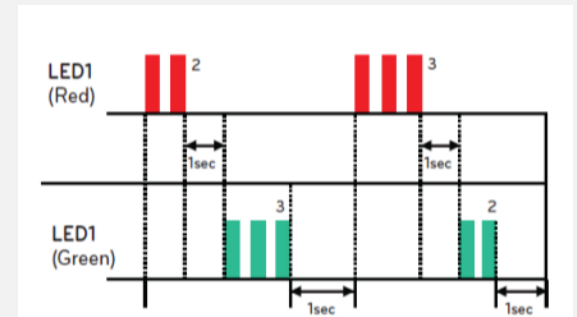


## [LED Result]

- If the wiring is correct, the Green LED will light up.
- If the wiring is wrong, display as below
  - Red LED : Piping Number
  - Green LED : Wiring Number (Room)

Ex)

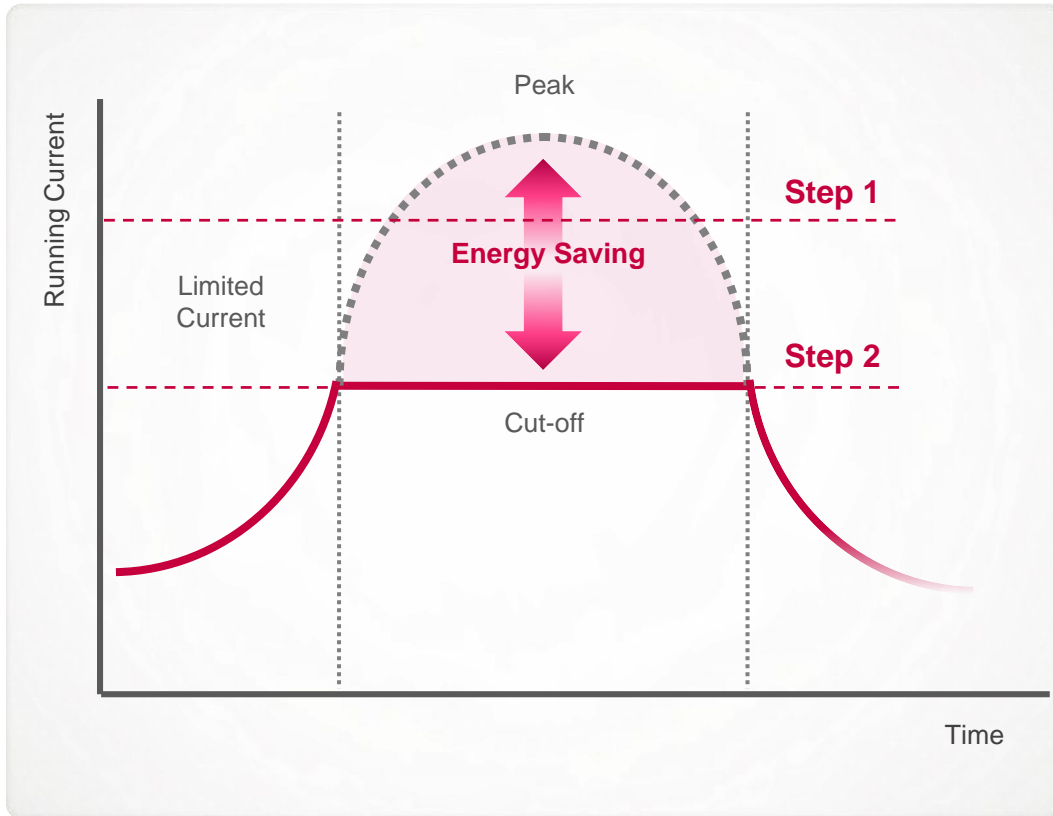
If the Red LED blinks twice and the Green LED blinks 3 times, 2<sup>nd</sup> pipe is connected to 3<sup>rd</sup> room



# Peak Current Control

Supreme Energy Efficiency

Through the peak current control technology, it is possible to save the energy and operation cost. It is useful to prevent excessive electricity charges.



- By limiting to the maximum running current, the air conditioner can avoid running on the peak current level.
- This function can reduce energy cost during peak periods that electric charge is expensive.

## [How to set dip switch]

1 Full Load consumption : 2.5 kW

2 Max power consumption : 1.9 kW

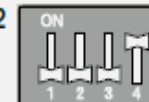
Step1



24%  
Save!

3 Max power consumption : 1.7 kW

Step2



32%  
Save!

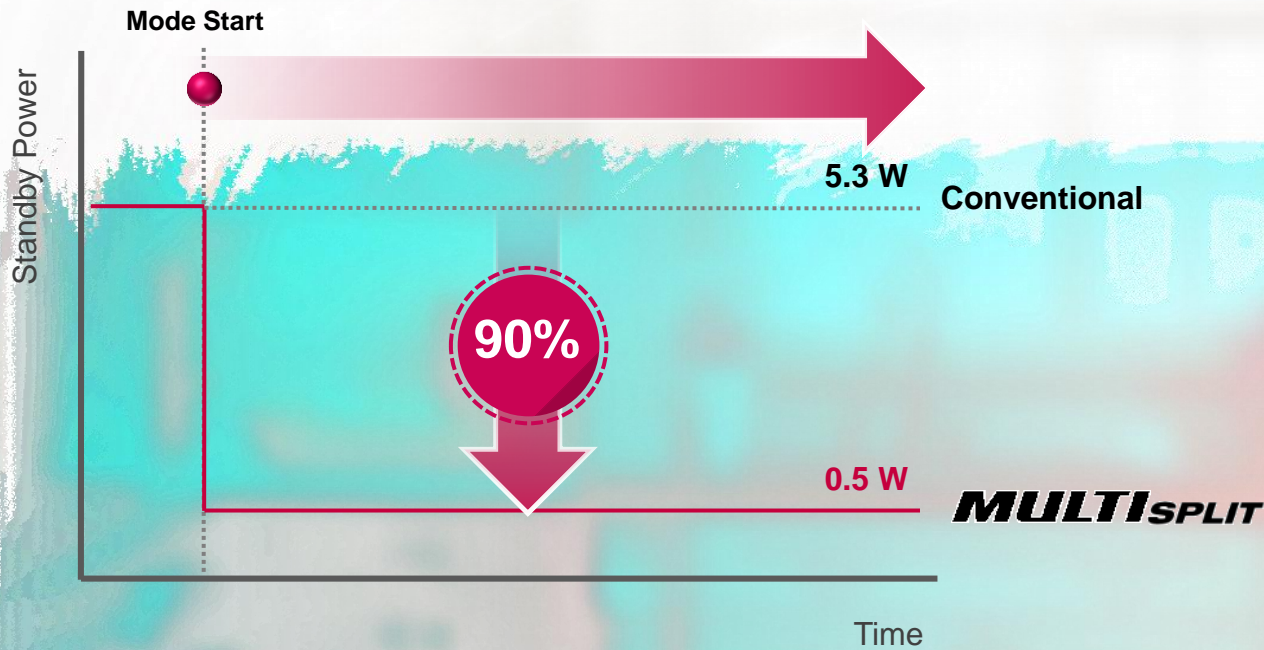
- 7.0kW model
- LG Internal test result

\* When using Peak current control, the cooling capacity may not be sufficient.

# Standby Mode

Supreme Energy Efficiency

This function can minimize power consumption by turning power off on the PCB except for the MICOM which receives signals.



\* Only 24k Btu/h Model is available





## Wall Mounted

---

- Plasmaster Ionizer Plus
- Auto Cleaning
- Fast Cooling
- Comfort Air
- Quick & Easy Installation



# Plasmaster Ionizer

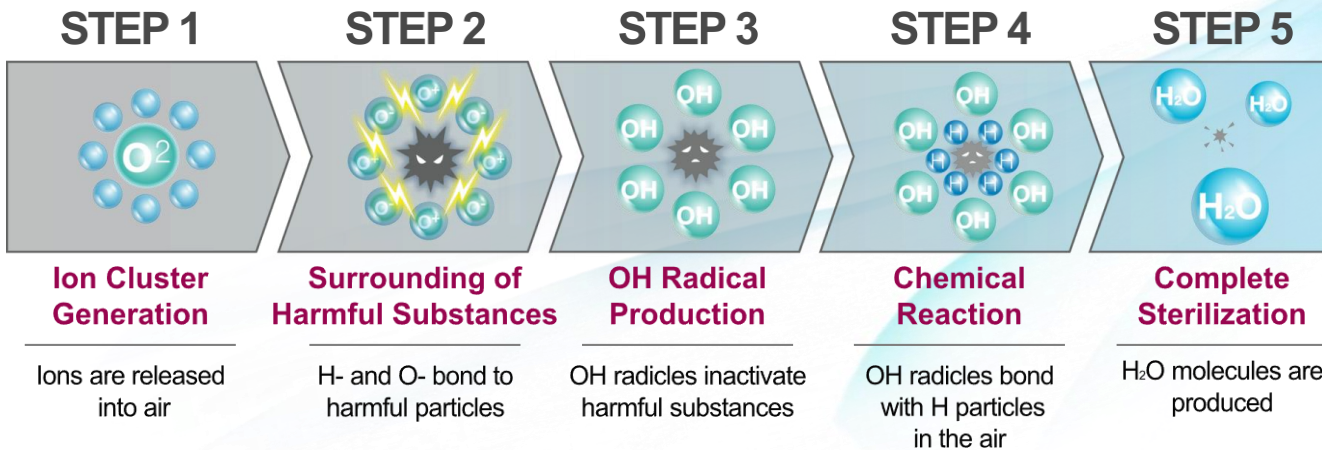
Wall Mounted

\* Specifications may vary for each model.

The powerful plasma ionizer protects you from odors and harmful substance.

## • Sterilization and Deodorization (Utilizes Over 3 Million Ions)

Plasmaster<sup>®</sup> Ionizer<sup>PLUS</sup> reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 3 millions ions.



## • Certificate



**Intertek**

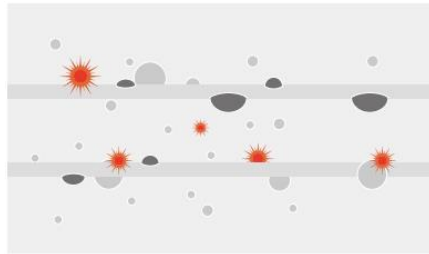
Intertek, Verification Certifying of Antibacterial Function of Plasmaster Ionizer+ / Ionizer

\* Specifications may vary for each model.

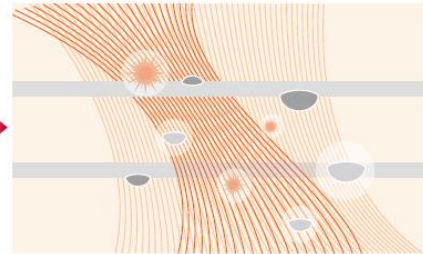
The interior of the air conditioner is maintained clean by drying off the heat exchanger, then sterilizing the interior once more.

## • Cleans Filter with Regular Airflow

The comprehensive auto cleaning function prevents the formation of bacteria and mold on the heat exchanger, providing a more pleasant and comfortable environment.



- By eliminating the humidity left in the air conditioner, the auto cleaning function removes substances that might be harmful to human body.



- The indoor environment remains odorless with the advanced deodorizing function.



- By preventing the polluting of the heat exchanger by various germs and bacteria, the cooling performance and longevity of the air conditioner remains unchanged even after 10 years of usage.

## • Removes Harmful Particles

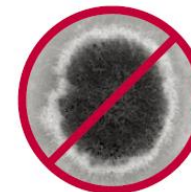
Auto Cleaning provides clean air by preventing bacteria, mold and odors that can otherwise accumulate in an indoor unit



Bacteria  
Prevention



Odor  
Elimination



Mold  
Elimination

# Fast Cooling

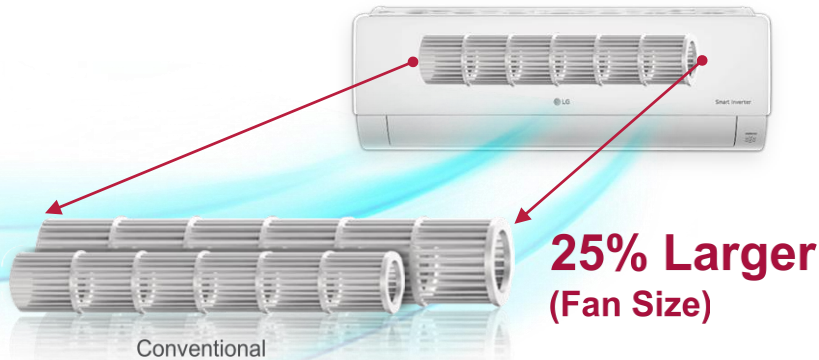
Wall Mounted

\* Specifications may vary for each model.

The cool air flow reaches all the corners of the room, keeping the space cool and comfortable.

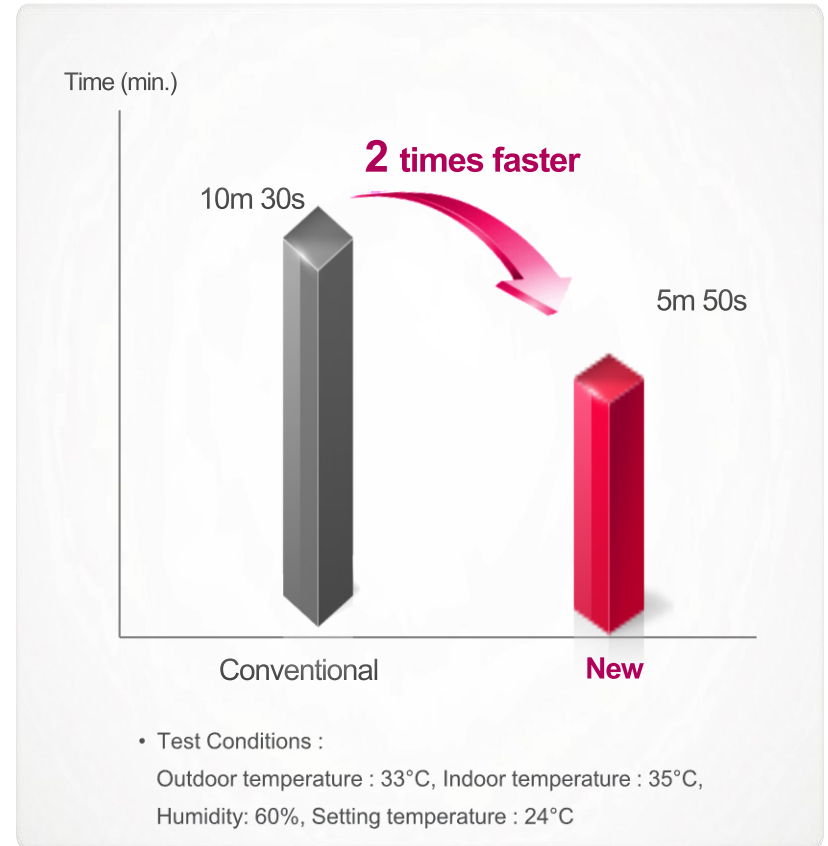
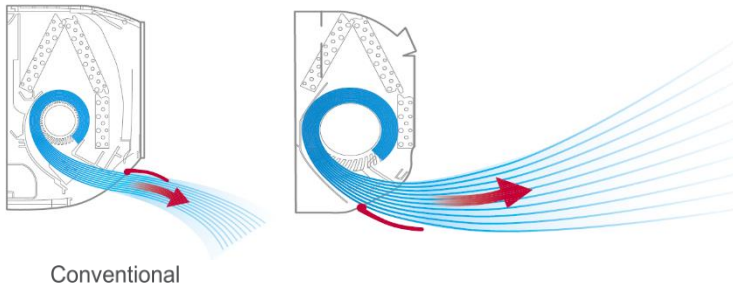
## • Bigger Skew Fan

A 25% larger skew fan expels more powerful blasts of air.



## • Cooling Outlet

A larger, optimally designed cooling outlet expels air farther and cools spaces faster.



# Fast Cooling (4 Way Swing)

Wall Mounted

\* Specifications may vary for each model.

Cool air reaches out to all directions and each corner of the room regardless of where the air conditioner is installed.

## 6-Step Vane, control up to 70°

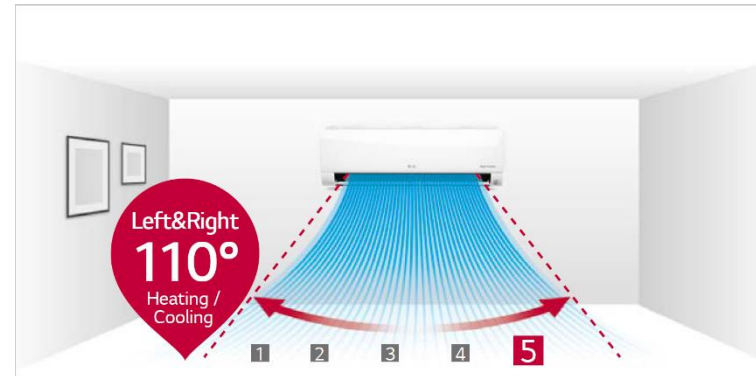
The vertical vane, which moves up and down, has 6 different settings including full-auto swing.



\* Angle can be different from each model and working mode.

## 5-Step Louver, Control up to 55°

The louver, which moves left and right, has 5 different settings including full-auto swing.



\* Specifications may vary for each model.

LG Air Conditioner provides soft and comfortable air to your living space.

## Comfort Vane

This option conveniently sets louvers to a preset position so that outflowing air is directed away from a room's occupants.

### Scene 1: Inclines to a maximum 70° angle

### Scene 2: Declines to a maximum 0° angle.

• Sets vane angle to highest position.  
• Optimized for gentle airflow cooling.

• Sets vane angle to lowest position.  
• Optimized for gentle airflow heating.

• Remote Controller Display

• Remote Controller Display

# Quick & Easy Installation

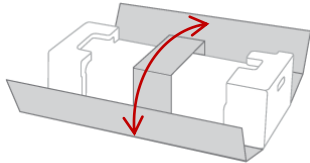
Wall Mounted

\* Specifications may vary for each model.

By reducing the manpower and time required for installation, it is now possible to install in a shorter period of time.

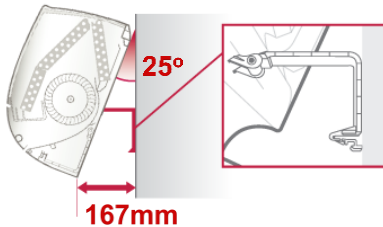
## • Simple Packaging

Open the packaging with just one touch.



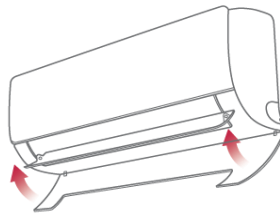
## • Installation Support Clip

Adequate space between the wall and the unit for easier installation.



## • Detachable Bottom Cover

Detachable for easier installation and access.



## • Wider Tubing Space

Hide the unorganized parts, making it appear clean and tidy.



\* Please visit the site below for more details.

[https://www.youtube.com/watch?v=LqTULo\\_YmbM](https://www.youtube.com/watch?v=LqTULo_YmbM)