

Soft Air Surrounds You In Comfort

LG DUALCOOL™

Premium / Deluxe



Why LG DUALCOOL™?



Comfortable Air Flow

Enjoy a perfectly balanced breeze through multiple vanes and indirect air flow. Stay refreshed with automatic dehumidification matching your desired temperature. "Enjoy a Perfectly Balanced Breeze and Ideal Humidity, Tailored Just for You"



Proactive Energy Saving

Avoid worrying about unexpected electricity bills with kW manager. Human detecting sensor and window open detection actively save energy without having to worry about it.



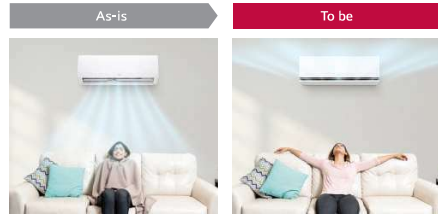
Total Air Care

A multi-step filtration process with Freeze Cleaning that purifies the air, removes dust and bacteria, ensuring the air you breathe is always fresh.

Key Feature

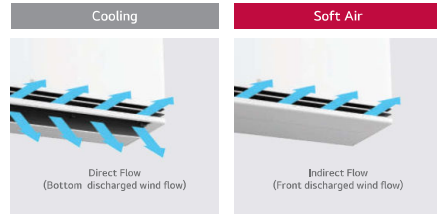
Soft Air

Stay comfortably cool with no chilly drafts and personalize breeze range and temperature.
 ※ When connected Multi ODU, soft air function may not be supported.



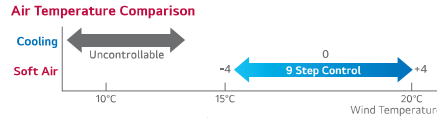
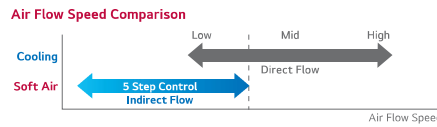
When turned on, it becomes too cold, and if turned off, it becomes too hot. Additionally, when lying down on the bed, the direct cold wind can quickly make you feel uncomfortably cold.

Experience a shift from excessive cold to a more comfortable and pleasant airflow—a fine-tuned wind flow for your comfort.



Cooling
Direct Flow (Bottom discharged wind flow)
Room Temp, Control → Always cold wind

Soft Air
Indirect Flow (Front discharged wind flow)
Wind Temp, Control → A pleasant, comfortable wind



- ※ This function can be applied Cooling / Fan mode only.
- ※ Wind temperature can be controlled through remote controller or LG ThinQ app.
- ※ Setting room temperature can be controlled through LG ThinQ app only.
- ※ The wind temperature is displayed on the remote controller only in step (-4 to +4), and the temperature is not displayed.
- ※ This feature is available when the indoor temperature is below 28°C.

Comfortable Air Flow

DUAL Vane

Dual Vane spreads airflow up or down, further and faster, for ideal comfort in any season.



Longer Stream Wind

Two separated vanes are combined to create one large single vane with the longer vane shape, the Dual Vane can send airflow further than conventional models.

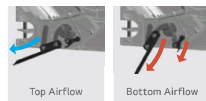
Indirect Flow

Dual Vane provide indirect mode for more comfortable experience compared to single vane. It provides that cold wind blows down from above of head, hot wind comes up from underneath of feet, reducing the discomfort of direct wind contact.



Faster Cooling & Heating

Dual Vane can provide optimized airflow that single vane can not achieve. It enables cooling up to 23% faster and heating up to 6% faster than single vane.



Comfortable Air Flow



※ Performance comparison vs Single Vane

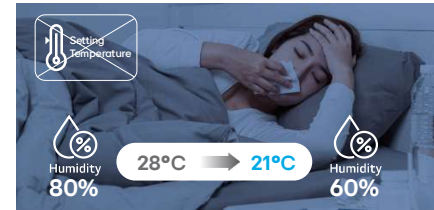
- 1) Date 2023.06, Measurement results in LG air conditioner test chamber, installation height 1.8 m, Fan mode, Using a wind speed probe, the height range from 0.1 to 1.7 m is measured in 0.2 m increments. Measures the maximum distance reached by airflow more than 0.25 m/s speed from the products
- 2) Date 2023.10 LG air conditioner home environment testing chamber, 20.9 m³/50.1 m³, Jet Mode, Indoor DB (33±0.3)°C / RH (60±5)%, Outdoor DB (35±0.3)°C / RH (50±5)% 18°C setting on cooling mode, Indoor DB (12±0.3)°C / RH (60±5)%, Outdoor DB (7±0.3)°C / RH (87±5)% 30°C setting on heating mode, measured the time took reduce 5°C (for Cooling) / rise 5°C (for heating), from the initial average room temperature, Test Model : S3-M12KL2MB (SK), S3-M12L1C0 (S1 New Platform)

Comfort Humidity Control

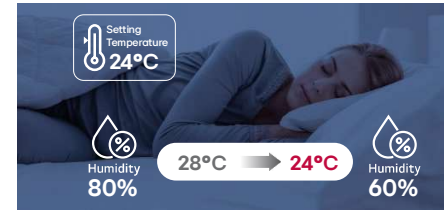
No excess chill, Comfort Humidity Control perfects your home with humidity optimized to your desired temperature.

Comfortable Air Flow

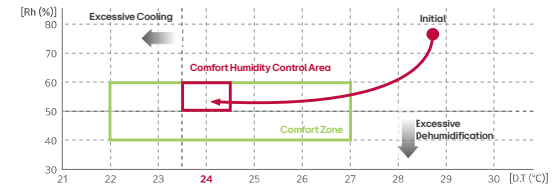
Conventional



LG DUALCOOL S1



Operation Example (24°C Setting)



- ※ The air flow changes automatically based on the operating environment.
- ※ This function can be used through remote controller and LG ThinQ app.
- ※ The humidity is automatically controlled according to the temperature set by the customer.

KW Manager by LG ThinQ

Stay cool, kW Manager lets you take control of your energy usage and spending proactively.
 ※ When connected to Multi ODU, this function is not supported.

Proactive Energy Saving

Easily manage electricity usage
Smart energy saving

Conventional

Monthly Consumption

LG DUALCOOL S1

Monthly Consumption

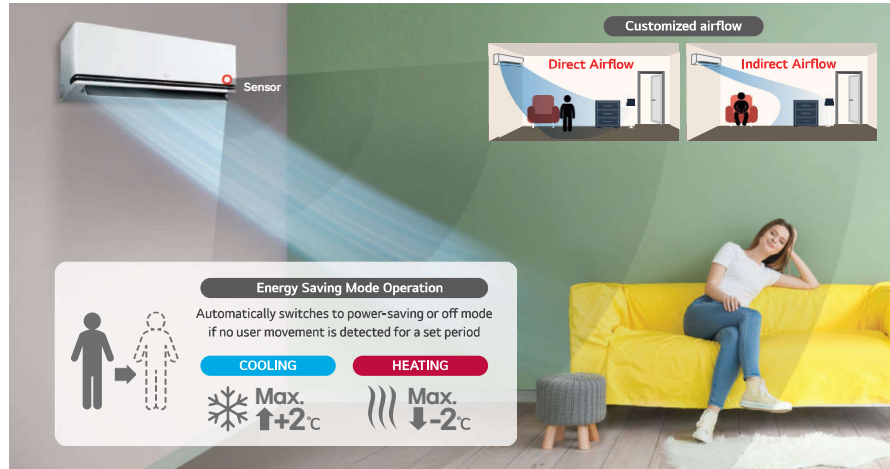
Energy Saving

ThinQ

Human Detecting Sensor

Proactive Energy Saving

Human Detection Sensor's location detector provides comfy airflow control and auto power-savings.

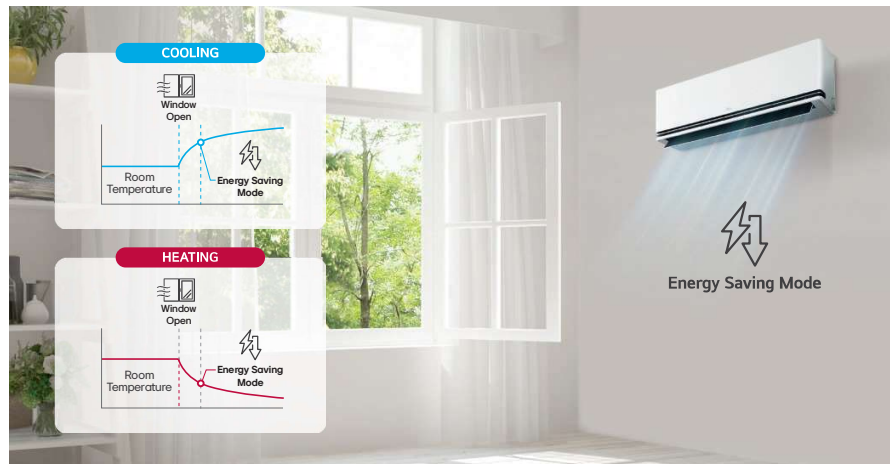


※ This function can be turned on/off through remote controller or LG ThinQ app.
 ※ The "Human Detection Sensor" only activates cooling and heating mode.
 ※ The judgment time of absence human detection can be set from 20 to 120 min through LG ThinQ app (Default 20 min).
 ※ Human body detection covers 100 degrees left and right based on the product, and the maximum detection distance is 5 m.
 ※ Depending on usage conditions, sensor detection range may be shortened.

Window Open Detecting

Proactive Energy Saving

Reduces energy loss as energy saving mode starts automatically during sudden temperature changes. Prevents condensation when window open.



※ The initial setting is off when the product is shipped.
 ※ This function can be set up through LG ThinQ app only.
 ※ The "Window open detection" function is available in Cooling and Heating mode only.
 ※ The default energy saving mode operating time is 10 minutes and can be set up to 60 minutes through LG ThinQ app.

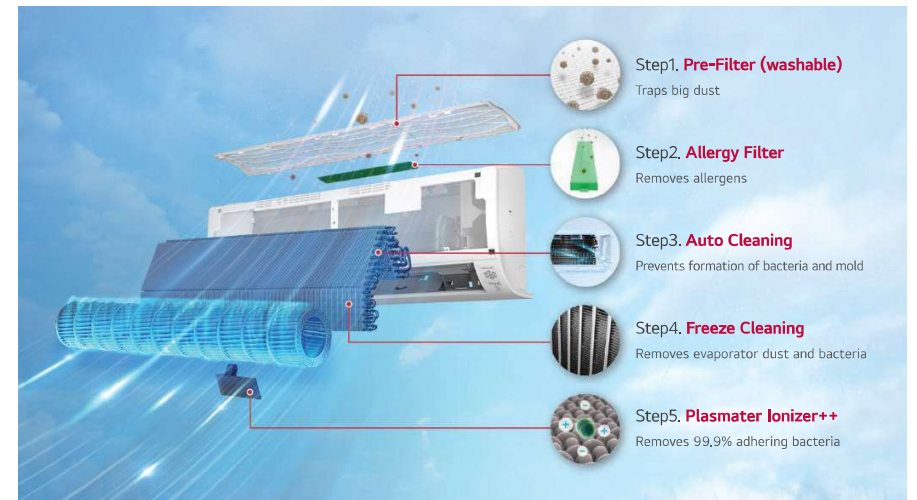
Total Air Care

Total Air Care

A multi-step filtration process with Freeze Cleaning that purifies the air, removing dust and even bacteria, ensuring the air you breathe is always fresh.



How it Works



A new air conditioner designed to seamlessly integrate with your senses and interior.

LG ARTCOOL™ Gallery

Premium / Special



Key Feature

Explore the ARTCOOL 2nd Evolution Gallery – an interior masterpiece.

Art Display (27" Full HD LCD)

Experience a 27" Full HD LCD display incorporated into the air conditioning unit. Customize the screen to suit your mood and preferences.



Wood Frame Design

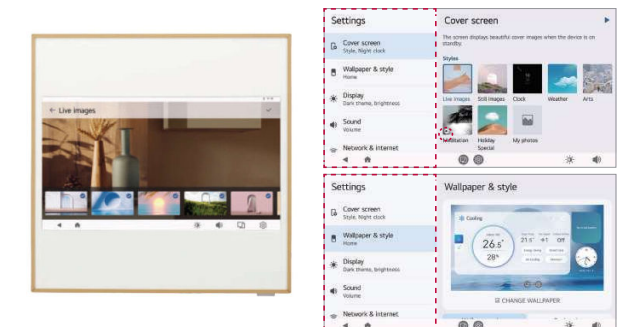
Featuring a modern and luxurious design that seamlessly harmonizes with any space.



The ARTCOOL Gallery Design has been submitted to the EU award through the international organization WIPO.

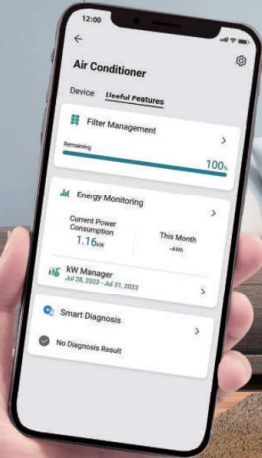
Create the interior settings using the LG ThinQ App

Choose up to 20 photos from your phone and send them to Look at Me through the ThinQ app, allowing you to view them on the air conditioner.



Anytime, Anywhere!

LG DUALCOOL™ powered by ThinQ with Voice Control



OK Google, turn on the air conditioner.

Sure, turning on



Key Feature

Elevate your daily routine with ThinQ

Cool home when you arrive

"Imagine arriving to a perfectly cool home"



Monitor monthly electricity bills

"Track your AC usage and stay informed about your monthly electricity consumption."



Switch off AC after you've left

"No more worries about leaving the AC on – switch it off with a tap."



No need to search for the remote control your AC effortlessly with your phone.

"Where's the remote control? I'm too lazy to go search for it."

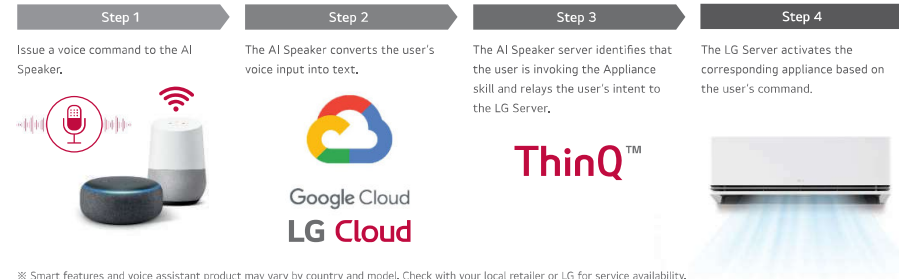


Voice control for an enhanced lifestyle

- Intuitive control for convenient, anytime, anywhere access.
- Enjoy increased comfort made accessible and simple for everyone.
- Save time without the burden of searching for the remote control.

Simple voice control for convenience and accessibility

Experience the ease of simple voice control, saving you valuable time otherwise searching for the remote control. DUALCOOL models are also compatible with AI speakers like ThinQ with Google Assistant, Google Home, and more. Say goodbye to pressing buttons – use your voice instead.



※ Smart features and voice assistant product may vary by country and model. Check with your local retailer or LG for service availability.