

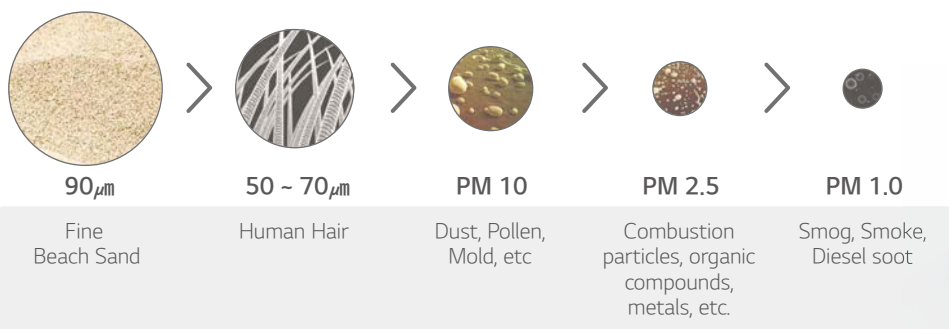


As clean as it is Cool

DUALCOOL with Air Purification

Do you know how small the size of Ultrafine dust which impact your health?

Traps all particles without fail, even Ultrafine dust (PM 1.0)



※ PM : Particulate matter is the sum of all solid and liquid particles suspended in air many of which are hazardous. This complex mixture includes both organic and inorganic particles, such as dust, pollen, soot, smoke, and liquid droplets.

Protect your family from Ultrafine dust.





As clean as it is Cool

DUALCOOL

with Air Purification



Why your A/C needs air purification?

Outdoor air is bad? No need to worry.

With the LG ThinQ app, you can monitor the state of the indoor air at a glance.



Traps all particles without fail, even Ultrafine dust (PM 1.0)



90 μm

Fine Beach Sand



50 ~ 70 μm

Human Hair



PM 10

Dust, Pollen, Mold, etc



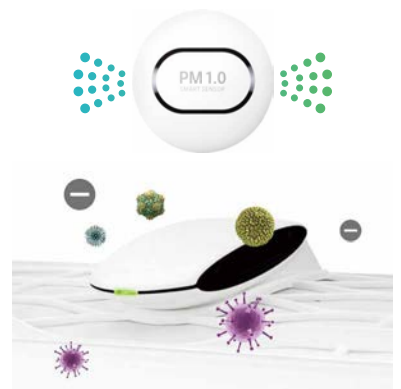
PM 2.5

Combustion particles, organic compounds, metals, etc.



PM 1.0

Smog, Smoke, Diesel soot



DUALCOOL with Air Purification

KEY FEATURES

Air Conditioner and air purifier in one

PM1.0 sensor is automatically activated and filtration system removes microscopic dust after 5 million ions capture them.

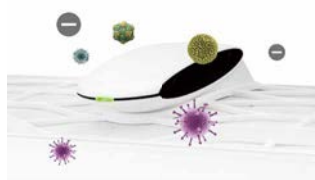
Step 1 PM 1.0 Auto Sensing

Detecting indoor dust concentration.



Step 2 Ion Diffuser

5 million negative ions emitted through the Air attach to the microscopic particles.



Step 3 Filtration System

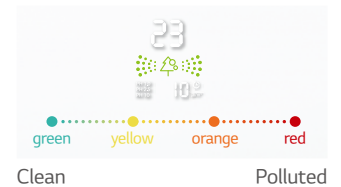
Effective particle capture. (Dust Filter / Micro Dust Filter)



Step 4 Display - Indoor Air Quality status

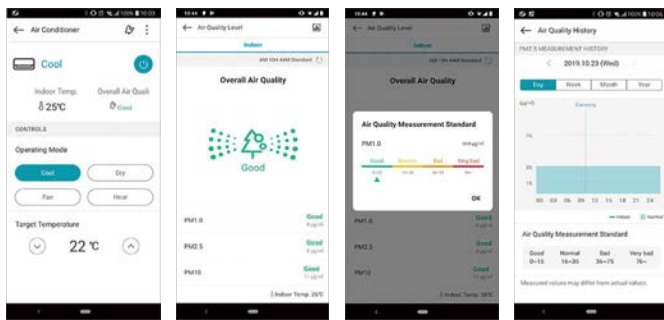
Display total IAQ. (4 colors)

※ IAQ : Indoor Air Quality



Conveniently manage air quality with the LG ThinQ app

Let's check now! History of your air quality by LG ThinQ.



Four seasons of breeze

Enjoy comfort in all four seasons with cooling, heating, and air purification.



4-Way Swing (Indirect Airflow)

Cool air reaches out to the entire room regardless of where the air conditioner is installed.



10-Year Inverter Compressor Warranty

LG, with confidence in product quality, preserves better lives for customers by providing 10 years warranty for Inverter Compressor of Air conditioners.



SPECIFICATIONS

Air Purification



Btu				9000	12000
Indoor Unit				AP09RT.NSJ	AP12RT.NSJ
Outdoor Unit				AP09RT.UA3	AP12RT.UA3
Capacity	Cooling	Min / Nom / Max	kW	0.89 / 2.5 / 3.7	0.89 / 3.5 / 3.9
	Heating +7°C	Min / Nom / Max	kW	0.89 / 3.3 / 4.1	0.89 / 4.0 / 4.7
Seasonal Energy Label	Cooling / Heating			A++ / A	A++ / A
S.E.E.R. / S.C.O.P.				6.5 / 3.8	6.2 / 3.8
Sound Pressure	Cooling	Min-Max	°C BS	20 / 42	20 / 42
	Heating	Min-Max	°C BS	-10 ~ 48	-10 ~ 48
Operation Range	Cooling	Min-Max	°C BS	-10 ~ 24	-10 ~ 24
	Heating	Min-Max	°C BS	-10 ~ 24	-10 ~ 24
Dimension	Indoor Unit	mm		857 x 348 x 189	857 x 348 x 189
	Outdoor Unit	mm		717 x 483 x 230	717 x 483 x 230



Removes Ultrafine dust by
**Ion Diffuser &
Micro Dust filtering system**

Cooling + Heating + Air purification
Awake 365 days

Real time
Monitoring with
LG ThinQ APP



Don't Worry!
Now, breathe healthily

DUALCOOL
with Air Purification



As clean as it is Cool **DUALCOOL with Air Purification**

Air Conditioner and air purifier in one

PM1.0 sensor is automatically activated and filtration system removes microscopic dust after 5 million Ions capture them.

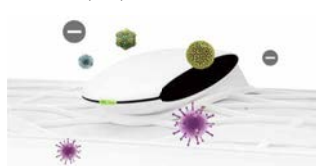
Step 1 PM 1.0 Auto Sensing

Detecting indoor dust concentration.



Step 2 Ion Diffuser

5 million negative ions emitted through the Air attach to the microscopic particles.



Step 3 Filtration System

Effective particle capture.
(Dust Filter / Micro Dust Filter)



Step 4 Display - Indoor Air Quality status

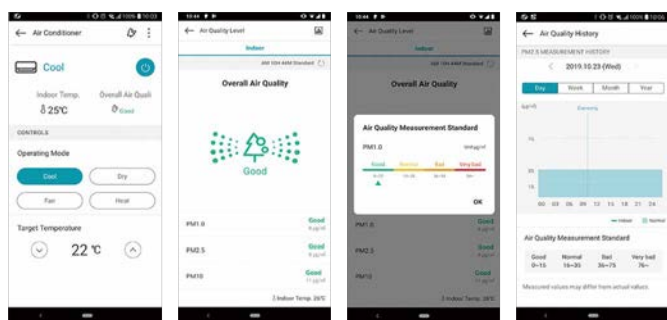
Display total IAQ. (4 colors)

※ IAQ : Indoor Air Quality



Conveniently manage air quality with the LG ThinQ app

Let's check now! History of your air quality by LG ThinQ.



Four seasons of breeze

Enjoy comfort in all four seasons with cooling, heating, and air purification.

Awake 365 days



SPECIFICATIONS

Air Purification



Btu		9000		12000	
Indoor Unit		AP09RT.NSJ		AP12RT.NSJ	
Outdoor Unit		AP09RT.UA3		AP12RT.UA3	
Capacity	Cooling	Min / Nom / Max	kW	0.89 / 2.5 / 3.7	0.89 / 3.5 / 3.9
	Heating +7°C	Min / Nom / Max	kW	0.89 / 3.3 / 4.1	0.89 / 4.0 / 4.7
Seasonal Energy Label		Cooling / Heating		A++ / A	
S.E.E.R. / S.C.O.P.				6.5 / 3.8	
Sound Pressure	Cooling	Min-Max	°C BS	20 / 42	20 / 42
	Heating	Min-Max	°C BS	-10 ~ 48	-10 ~ 48
Operation Range	Cooling	Min-Max	°C BS	-10 ~ 24	-10 ~ 24
	Heating	Min-Max	°C BS	-10 ~ 24	-10 ~ 24
Dimension	Indoor Unit	mm		857 x 348 x 189	857 x 348 x 189
	Outdoor Unit	mm		717 x 483 x 230	717 x 483 x 230