

Specification

Model		AS10GDWH0	AS65GDWH0
Color		White	White
CADR [m³/hr]		779	490
Applicable area [m²]		100.0	62.8
Operating mode		Clean booster / Dual / Single / Auto	Clean booster / Normal / Auto
Pre-filter		Replaceable, 2ea	Replaceable, 1ea
Multi-Filtration System	Safe Plus	○	○
	H13 HEPA	○	○
	Deodorization	○	○
Baby-Care		○	X
Ionizer		○	○
Sensor	Odor	○	○
	PM 1.0 particle	○	○
Indicator	Color	Green / Yellow / Orange / Red	Green / Yellow / Orange / Red
	Numeric	PM1.0 / 2.5 / 10	PM 1.0 / 2.5 / 10
Control	Fan speed	Auto-Low-Mid-High-Turbo	Auto-Low-Mid-High-Turbo
	Timer	2 / 4 / 8 / 12hr	2 / 4 / 8 / 12hr
	Child lock	○	○
	Filter alarm	○	○
	Wi-Fi function(LG ThinQ)	○	○
Power consumption [W]		70	48
Noise [dB]		54(Turbo) / 20(Low)	52(Turbo) / 20(Low)
Size(WxDxH) [mm]		376 x 376 x 1,073	343 x 343 x 587
Weight [kg]		19.0	11.5
Remote control		○	○
Production site		Korea	Korea



LG PuriCare™
360° Air Purifier



Safe Plus

Antibacterial 99.9%
Anti-viral 99.9%

360° Not Just Clean, 360° Clean



LG PuriCare™ 360° Air Purifier



Safe Plus

Antibacterial 99.9%
Anti-viral 99.9%

**360-degree Direct Fan with
Technology of Aircraft Fan.**



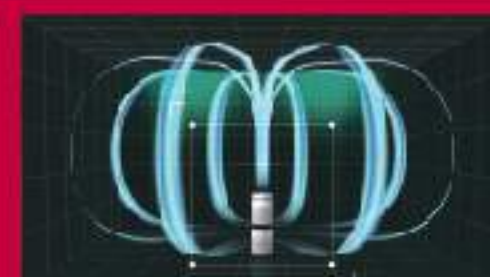
**With Aircraft Fan Technology,
More Powerful and Efficient Purification** ↑

10% Wider Air Delivery, 7% Lower Noise

Conventional
Fan



New
technology
Fan



Aircraft fan technology, applied to the Boeing 747 developed by NASA (National Aeronautics and Space Administration), is applied to the 360-degree direct fan. The fan's wings are serrated to reduce air resistance, helping more powerful air purification. Your LG PuriCare™ is eliminating pollutants and allergens from all directions, regardless of where you place the unit.



Nozzle on Aircraft



New Fan applied
on LG 360° Air Purifier

Multi-Filtration System

The Multi-filtration process leaves the air in your home healthy and pure, eliminating 99.9% of bacteria and virus, 99.999% of dusts*, allergens and different types of harmful gases, such as bad odors and smog.

Total Dust Collection & Allergy Care

Total Harmful Gas Care

Tested & Certified



KAF(Korea Asthma & Allergy Association)



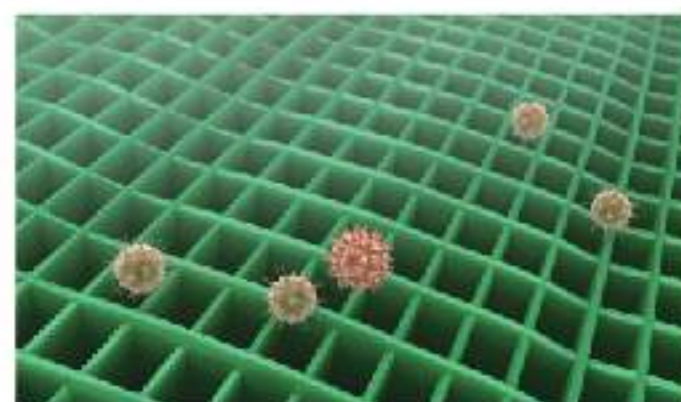
CA(Korea Air Cleaning Association)



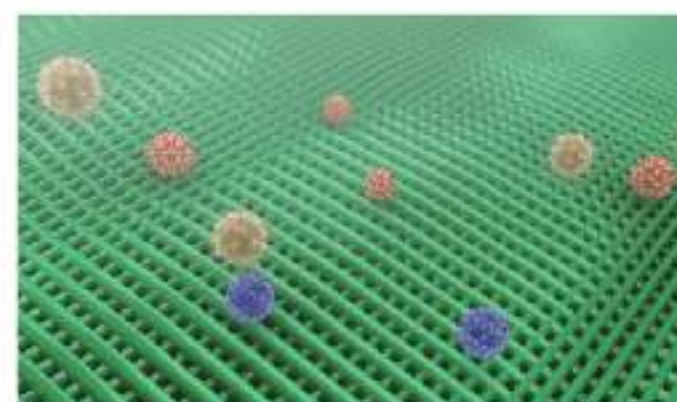
Safe Plus
&
Allergy Care
with H13 Filter

HEPA filter traps up to 99.9% of bacteria and 99.999% of dust and allergen as small as 0.01μm

Dust / Micro Particle / Allergen



Conventional Filter



Multi-Filtration System
H13 Grade HEPA Filter



Deodorization
Filter

Leave No Room for Harmful Gases

Bad Odors(Acetaldehyde, Ammonia)
New Home Odors (Formaldehyde, Toluene)
Smog-causing Material (SO₂,NO₂)



Replaceable Pre-Filter

Replaceable pre-filter makes cleaning very handy.

* Tested by KCL, Korea Conformity Laboratories. Remove 99.999% of micro dust size of 0.01μm in 60 min, 99.5% of SO₂, NO₂ after operating on clean booster mode for 20 min. Products: PuriCare™ AS309DWA. Condition: 30.0m³ chamber.
* Verified by KAF, Korea Asthma Allergy Foundation removes 99% of house dust/ticks mainly cause allergy.
* Verified by CA, Korea Air Cleaning Association, removes 94% of harmful gas (Acetaldehyde, Ammonia, Formaldehyde, Toluene). Products: PuriCare™ AS308DWA

**Remove bacteria, virus,
dust, and allergens-
with Safe Plus Filter and Ionizer**



Safe Plus

Antibacterial 99.9%*
Anti-viral 99.9%**

* Anti-bacterial 99.9% ('20.4.3). ①Tested by KTR(Korea Testing and Research Institute). ②Test bacteria: Staphylococcus aureus / Klebsiella pneumoniae / Escherichia coli. ③Test Method: KS K 0693 : 2016 (Determination of antibacterial activity of textile products).

** Anti-viral 99.9% ('20.4.14). ①Tested by Seoul University Graduate School of Health. ②Test virus: mouse hepatitis virus (MHV; murine coronavirus) (human infectious coronavirus surrogate).



Antibacterial 99.9% / Anti-viral 99.9%
Safe Plus Filter



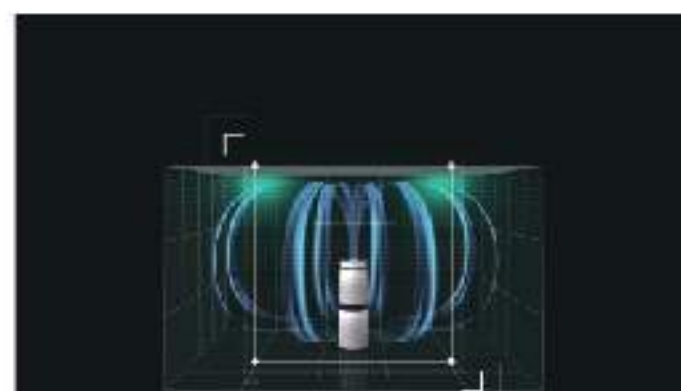
Reducing toxic viruses and bacteria
Ionizer*

* Tested by US, Auburn Univ: Eliminate Salmonella 98.0%, Campylobacter 81.2%, Dust mite allergen 96.1% 4. *Results may vary depending on the circumstances.
* Tested by Seoul National Univ: Eliminate MRSA 99% in 10 min, S. pneumoniae 95% in 30 min, Adeno Virus 96% in 60 min, H1N1 virus 96% in 120 min.
Results may vary depending on the circumstances

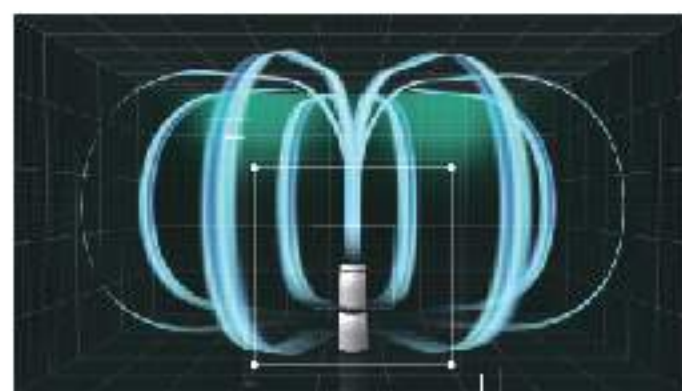
Purify the Air All Around You



The unique circular design of the LG PuriCare™ helps absorb pollutants from every direction, leaving no blind spots. Air is inhaled through tiny holes surrounding the product and exhaled after through purification to every direction.

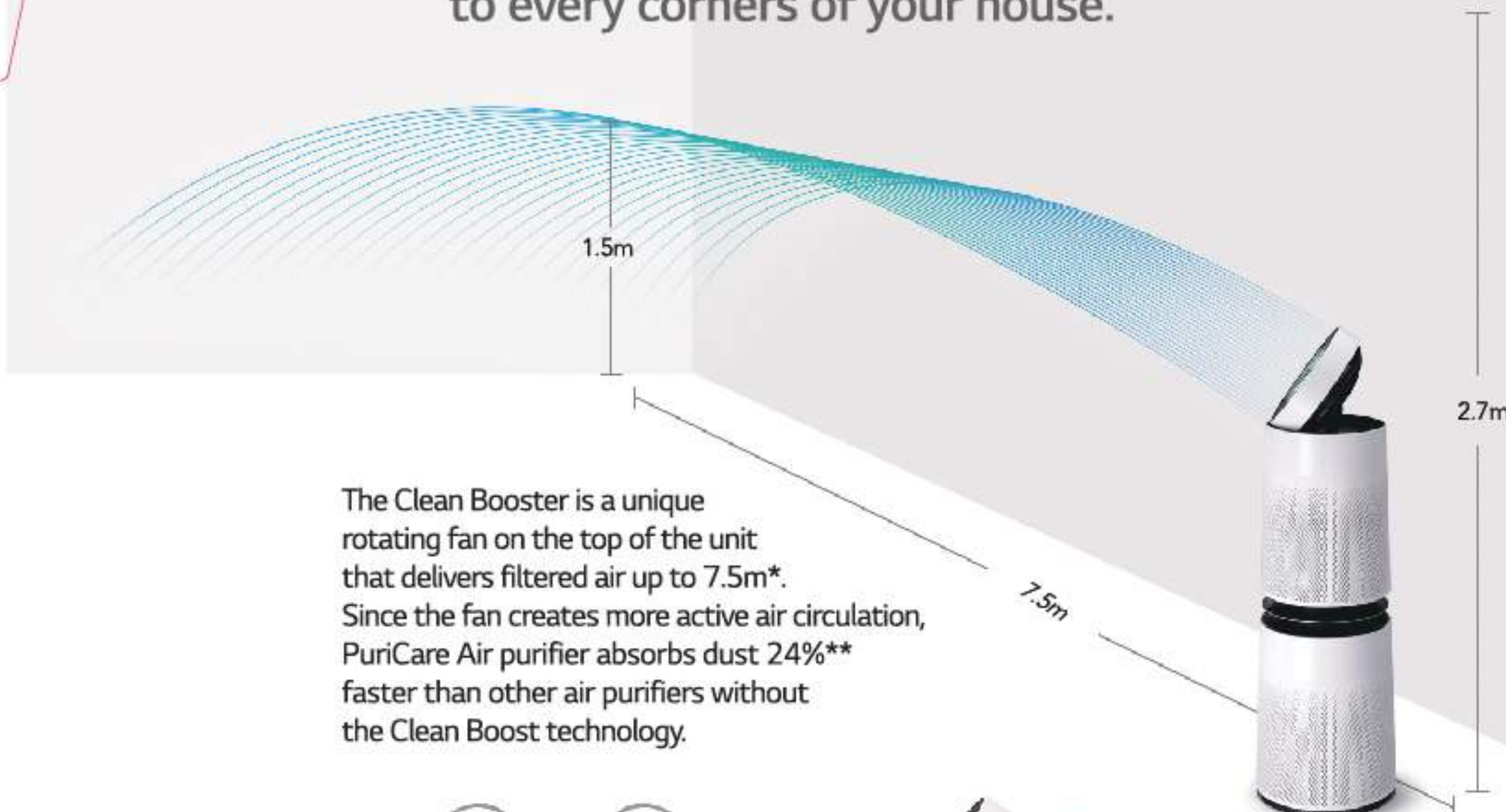


Conventional Model



New Model

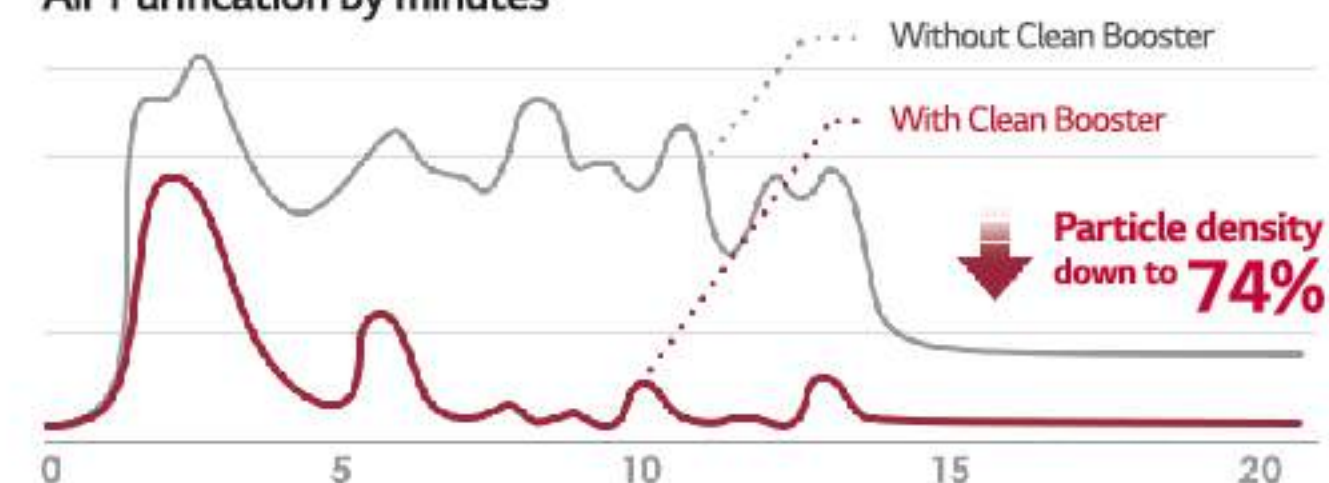
Clean Booster delivers clean air **24%** faster, **7.5m** further to every corners of your house.



The Clean Booster is a unique rotating fan on the top of the unit that delivers filtered air up to 7.5m*. Since the fan creates more active air circulation, PuriCare Air purifier absorbs dust 24%** faster than other air purifiers without the Clean Boost technology.



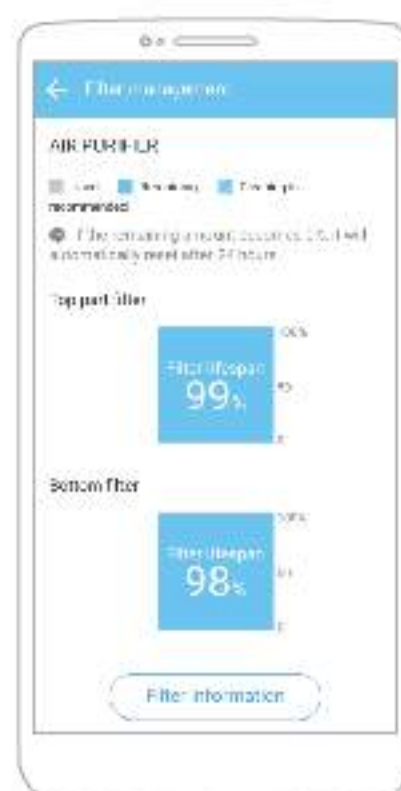
Air Purification by minutes



* Test by LG International lab & KIMM, Korea institute of machinery and materials Products: PuriCare™ AS281DAW Condition: 203m³ (10.6 x 7.1 x 2.7m), 24.7°C, RH 37% Test Particulate size: 0.3μm diameter smoke or potassium chloride(KCl)
 ** Test by LG International lab & KIMM, Korea institute of machinery and materials Condition: 203m³ (10.6 x 7.1 x 2.7m), 24.7°C, products installed in the middle of space Products: PuriCare™ AS95GDWP2 with clean booster mode on & off Checked cumulative dust concentration at 1.5m height from and 7.5 away from a product during 15 mins.

Keep the Air You Breathe Clean with LG ThinQ™

Use ThinQ™ to turn on PuriCare remotely and breathe clean air when your family come back home even in dusty days.



Check Filter Usage



Air Quality Status



Pollutant Detection Records



Pure Air for Babies with Baby-Care

Unlike most air purifiers which send air upwards, PuriCare focuses on air purification of lower spaces, when operating in "Single" mode, where infants and toddlers spend most of their time. PuriCare operates lower duct and sends purified air from the middle when operating in Single mode.

Smart Sensor & Indicator

Bring Air Quality to Light

The smart LED panel allows you to visually monitor, in real-time, the air quality of the room. It uses a color-coded and numerical grading system, based on the contaminants and odor detected by the PM1.0 sensor system.

	Purified	Green	Yellow	Orange	Red	Polluted
		●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
		●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
Particle density $\mu\text{g}/\text{m}^3$	Green	Yellow	Orange	Red		
PM10	0-54	55-154	155-254	255-		
PM2.5	0-12	12.1-35.4	35.5-55.4	55.5-		
PM1.0						

