LG

ONE TRUE COOLING SOLUTION
FOR MULTI SPACES

Presenting

MULTI i ™
Home

Space Saving

Energy & Cost Saving

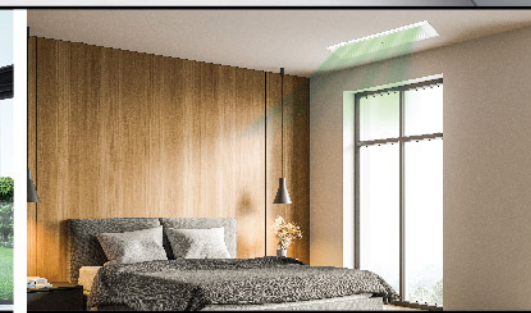High Reliability

Comfort & Convenience

Living Room

Bedroom
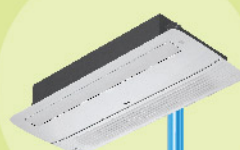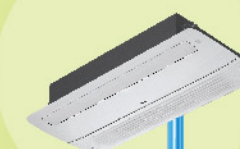
Dining Room

Life's Good.

LG

LG **MULTI i**™ Home

CONVENTIONAL SYSTEM

WHAT IS **LG MULTI i**™ Home

LG MULTI i™ Home provides powerful, efficient cooling with two, three indoor units operating from a single outdoor unit.

1. SPACE **SAVING**
2. ENERGY & **COST SAVING**
3. HIGH **RELIABILITY**
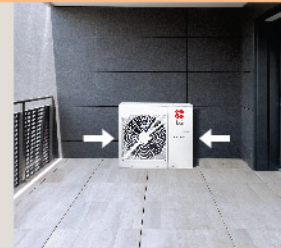4. COMFORT & **CONVENIENCE**

KEY ADVANTAGE

SPACE SAVING

1

The single outdoor unit can connect with multiple indoor units to **save space adding elegance.**

ENERGY & COST SAVING

2

LG **MULTI i.** Home **saves electricity cost** with high energy efficiency.

HIGH RELIABILITY

3

The **BLDC Inverter** Twin Rotary Compressor gives superior reliability while LG's exclusive **Black Fin** heat exchanger performs even in corrosive environments.

COMFORT & CONVENIENCE

4

Experience super silent comfortable cooling and convenience with LG **ThinQ app & home automation.**

LINE UP

INDOOR

TYPE (Cooling Only)	1.0T	1.5T	2.0T
WALL MOUNTED	Wi-Fi ONLY (Inbuilt)		
	S3NZ12JM3FA	S3NZ18KM3FA	S3NZ24KM3FA
	PLASMASTER IONIZER ONLY (Inbuilt)		
	S3NZ12JM3RA	S3NZ18KM3RA	S3NZ24KM3RA
1 WAY CASSETTE	Wi-Fi ONLY (Inbuilt)		
	ZMNQ12GTUW0	ZMNQ18GTTW0	ZMNQ24GTTW0
	PLASMASTER IONIZER ONLY (Inbuilt)		
	ZMNQ12GTUC0	ZMNQ18GTTC0	ZMNQ24GTTC0
	Wi-Fi & AIR PURIFICATION (Optional)		
	ZMNQ12GTUA0	ZMNQ18GTTA0	ZMNQ24GTTA0

📶 Wi-Fi Only
🌀 Plasmaster Ionizer
💨 Air Purification

*The additional accessory is needed for air purification kit and Wi-Fi function in 1 Way Cassette

OUTDOOR

TYPE (Cooling Only)	2.0T	2.5T	3.0T	4.0T
MULTI i. Home	Z2UQ27GFA0	Z2UQ32GFA0	Z3UQ37GFA0	Z3UQ51GFA0
Maximum Connectable IDU's	2 Units		3 Units	
RECOMMENDED COMBINATIONS	12+12 12+18	12+18 18+18 12+24	12+12+12 12+12+18	12+18+18 18+18+18 12+18+24

※ When combination ratio between IDUs and ODU capacity is over 100%, capacity of each IDUs can be reduced

1 SPACE **SAVING**

Your home looks stylish and super spacious with **LG MULTI i.** Home a single slim and compact outdoor unit connecting with up to three indoor units.
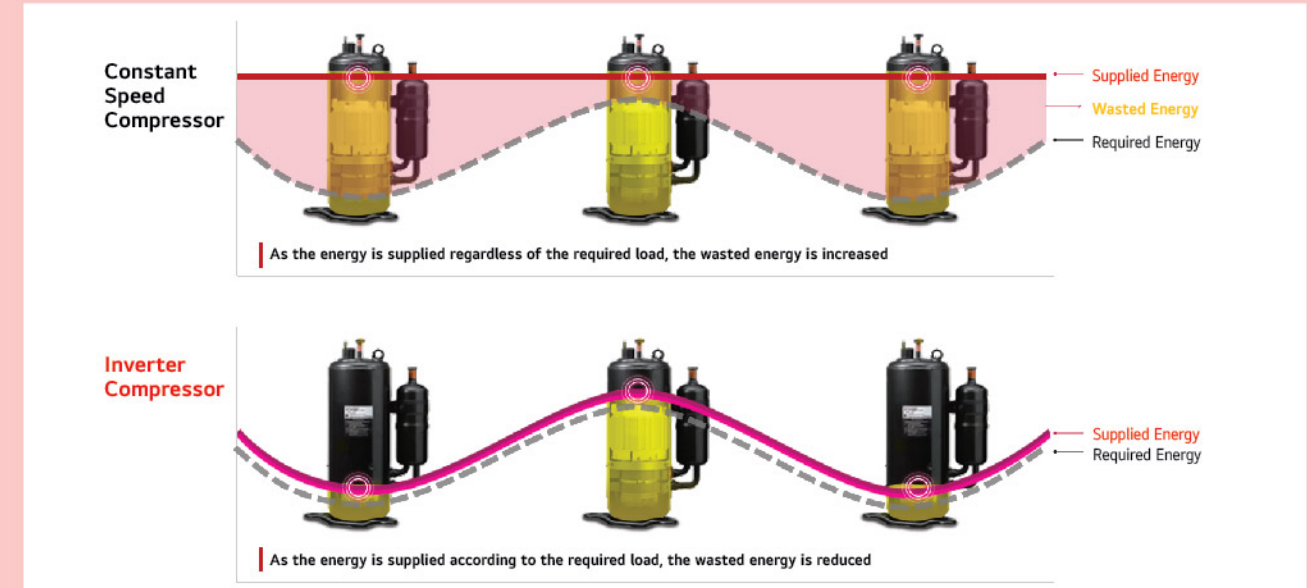
CONVENTIONAL SYSTEM

LG **MULTI i.** Home

2 ENERGY AND **COST SAVING**

Benefit of Inverter Compressor

Inverter Compressor can maximize energy efficiency by adjusting the speed as per required load.

Constant Speed Compressor

Supplied Energy
Wasted Energy
Required Energy

As the energy is supplied regardless of the required load, the wasted energy is increased

Inverter Compressor

Supplied Energy
Required Energy

As the energy is supplied according to the required load, the wasted energy is reduced

Annual Power Consumption Comparison*

LG MULTI i. Home air conditioner has better energy saving as compared to 3-5 star single RAC

Benefits

- Power consumption of **MULTI i.** Home with 1 IDU operation is 45% less than single RAC 1 set. (Maximum 31% energy saving)

- Power consumption of **MULTI i.** Home with 3 IDUs operation is 24% less than single RAC 3 set. (Maximum 19% energy saving)

NEW DELHI

Power Consumption

43% ↑   23% ↑
   12% ↑   0% ↑

CASE 1   CASE 2

LG **MULTI i.** Home
RAC 3 Star
RAC 5 Star

MUMBAI

Power Consumption

45% ↑   24% ↑
   13% ↑   0% ↑

CASE 1   CASE 2

LG **MULTI i.** Home
RAC 3 Star
RAC 5 Star
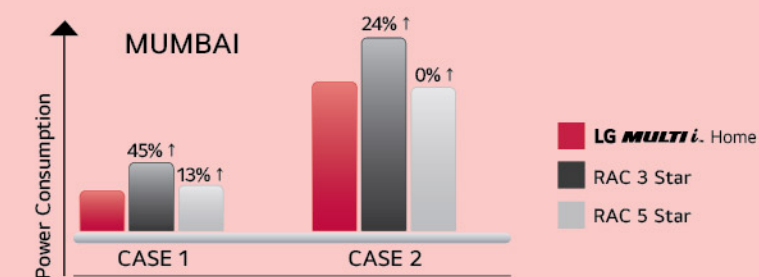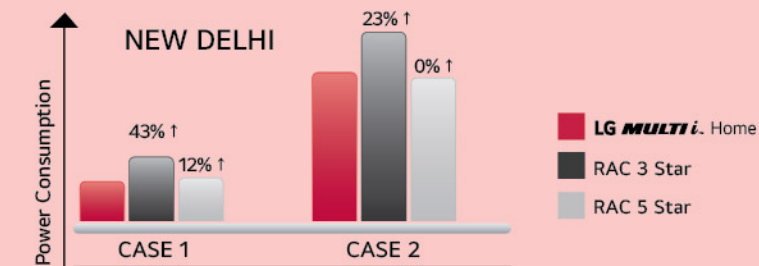
Case 1
LG **MULTI i.** Home 1 indoor unit operation vs single RAC 1 set

Case 2
LG **MULTI i.** Home 3 indoor unit operation vs single RAC 3 set

LG **MULTI i.** Home

vs

RAC

*Based on LG Internal simulation

3 HIGH **RELIABILITY**

LG **MULTI i.** Home comes with a BLDC Inverter Twin Rotary Compressor that gives high energy efficiency and superior reliability. The Black Fin heat exchanger is designed to perform even better in corrosive environments.
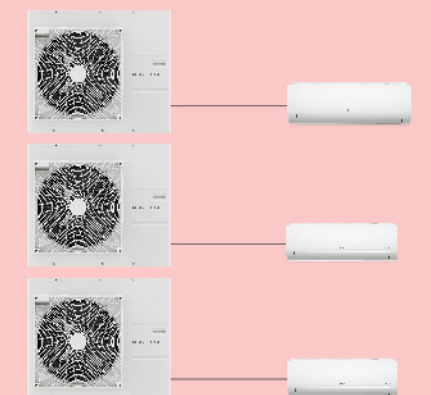
Dual Inverter Compressor*

The Dual Inverter Compressor has a structure optimized for stability, so it can be operated with low vibration and low noise.

Twin Rotor
Stable Rotation / Low Noise / Low Vibration

Surface Coating
High Abrasion Resistance

Flow Optimization
Reduced Oil Discharge / Enhanced Oil Collection

Concentric Motor
Improved Oil Path Area / Low Calorific Value

*R1 Scroll Compressor available with 4.0T ODU

Corrosion Resistance Black Fin

The black coating with enhanced epoxy resin is applied for strong protection from various corrosive external conditions such as salt contamination and air pollution including fumes.

Hydrophilic coating
The hydrophilic coating minimizes moisture buildup on the fin.

Complex resin (Corrosion resistant)
The black coating provides strong protection from corrosion.

Aluminium fin

Corrosion Resistance Proven By Certified Tests
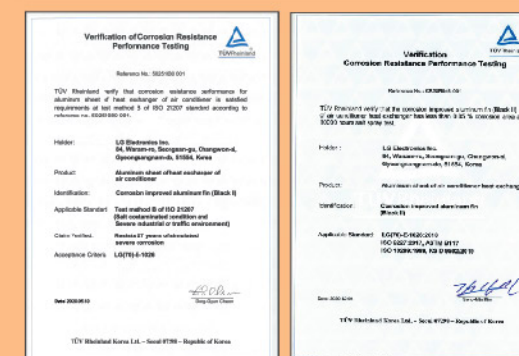
※ Verification of corrosion resistance performance
- Test Method B of ISO21207 (27 years, simulated)
- ASTM B117 / ISO 9227 (10,000 hours, real time)

4 COMFORT AND **CONVENIENCE**

Take supreme control over your comfort and convenience with LG ThinQ Wi-Fi-enabled home automation. Enjoy super silent and comfortable cooling all around your home.

Home Automation

Enjoy seamless connectivity and supreme control over your home's cooling with LG's unique home automation.

Modbus
Gateway

Modbus
Converter
PMBUSC00A*

LG **MULTI i.** Home

OUTSIDE
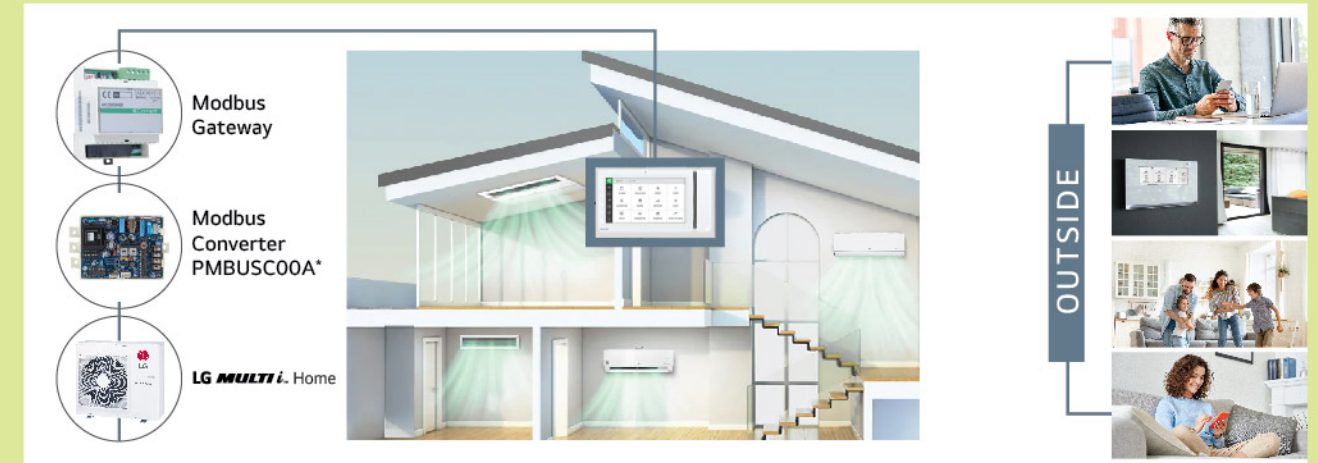
*Only 2 T model available

LG ThinQ ™

Control your air conditioners using smart internet devices like smartphones and smart speakers.

By smartphone

ThinQ Server

By voice control*
(separately purchase device)

Simple operation for various functions

• On / Off
• Vane Control
• Mode Selection
• Reservation
• Current Temperature
• Energy Monitoring
• Set Temperature
• Filter Management
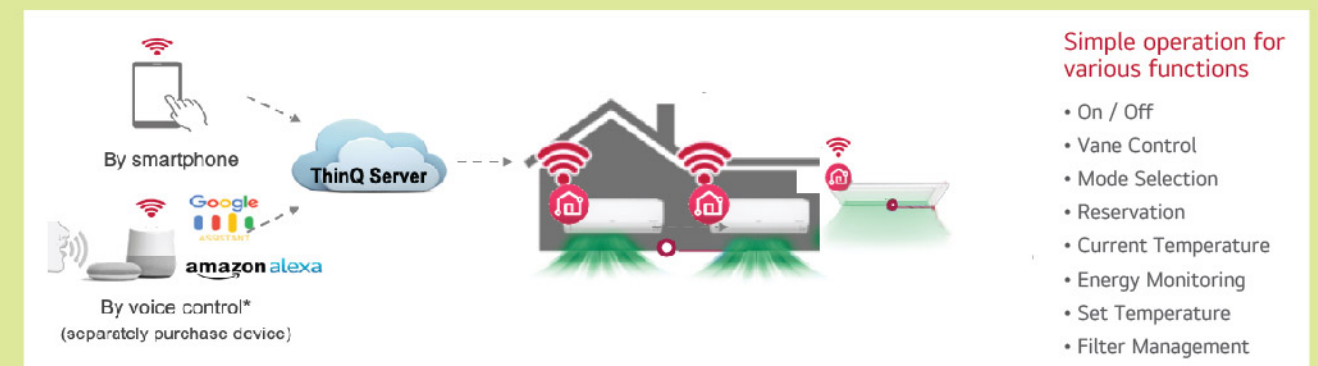
Silent Operation

Enjoy free from noise environment at any time with low noise operation function. At night mode, noise is reduced by maximum 22% compared to normal mode.
Time setting is available with wired remote (PREMTB100) only.

Max. 59dB(A)

59

22%

46

Day   Night

Capacity

Load

Sound Level   Night

59   Mode Start   Mode End

48   Step 1

46   Step 2

50   8:00   12:00   16:00   20:00   0:00   4:00   8:00   12:00   16:00   **Time**
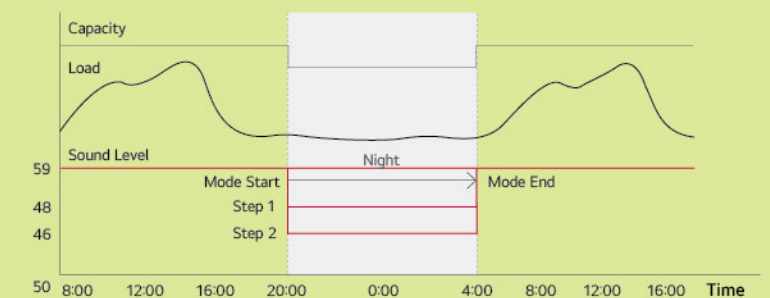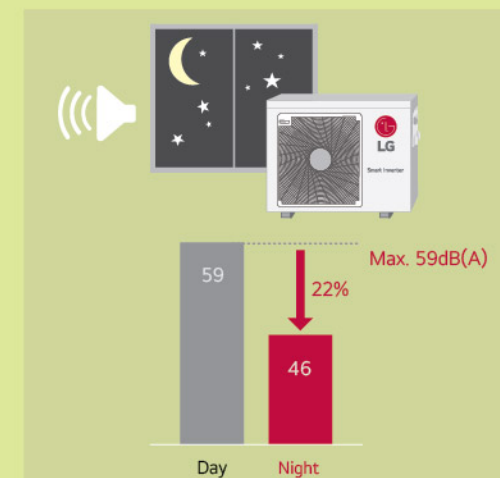
※ Normal mode noise level
   for model - Z3UQ51GFA0 -59dB(A)
※ Night Step 2 Noise level
   for Model - Z3UQ51GFA0 - 46dB (A)

OUTDOOR PRODUCT SPECIFICATIONS

MULTI i™ Home

WALL MOUNTED

1 WAY CASSETTE

Outdoor Unit				2.0T	2.5T	3.0T	4.0T
		Model	-	Z2UQ27GFA0	Z2UQ32GFA0	Z3UQ37GFA0	Z3UQ51GFA0
Capacity	Cooling	Min.~ Rated~ Max.	kW	1.8 ~ 7.0 ~ 7.8	1.8 ~ 8.7 ~ 9.5	1.8 ~ 10.4 ~ 10.9	1.8 ~ 13.9 ~ 15.0
Power Input	Cooling	Min.~ Rated~ Max.	kW	0.31 ~ 2.26 ~ 2.96	0.32 ~ 2.42 ~ 3.08	0.32 ~ 3.30 ~ 3.64	0.34 ~ 4.63 ~ 5.18
SEER			W/W	6.7	7.0	6.8	6.6
Power Supply			V , Ø , Hz	230, 1, 50			
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	R1 Scroll
Heat Exchanger	Type (Coating)		-	Fin & Tube Type (Hydrophilic + Black Fin)			
Refrigerant	Type		-	R32			
	Precharged Amount		g	900 (31.7)	1,200 (42.3)	1,400 (49.4)	2,100 (74.1)
	Chargeless-Total Pipe Length		m	20(65.6)	30(98.4)	30(98.4)	40 (131.2)
	Additional Charging Volume		g/m	20(0.7)	20(0.7)	20(0.7)	20 (0.7)
	Control		-	Electronic Expansion Valve			
Fan Motor	Type		-	BLDC			
Sound Pressure Level	Cooling	Rated	dB(A)	56	56	57	59
Wiring Connections	Power Supply Cable (included Earth)	Outdoor Unit	No. x mm2 (AWG)	3C x 2.5 (14)	3C x 2.5 (14)	3C x 2.5 (14)	3C x 4 (12)
	Power and Communication Cable (included Earth)	Outdoor – Indoor Unit	No. x mm2 (AWG)	4C x 1.0 (18)			
Circuit Breaker			A	25	25	25	32
Casing Color			-	Warm Gray			
Dimensions		W x H x D	mm	770 x 545 x 288	870 × 650 x 330	870 × 650 × 330	950 × 834 × 330
Net Weight			kg	32.5	44.5	45.8	61.2
Piping Connections	Liquid	Outer Dia.	mm x No.	Ø 6.35 (1/4) x 2	Ø 6.35 (1/4) x 2	Ø 6.35 (1/4) x 3	Ø 6.35 (1/4) x 3
	Gas	Outer Dia.	mm x No.	Ø 9.52 (3/8) x 2	Ø 9.52 (3/8) x 2	Ø 9.52 (3/8) x 3	Ø 9.52 (3/8) x 3
Piping Length	Total Piping	Max.	m	50(164.0)	50(164.0)	60 (196.9)	70 (229.7)
	Each Branch Piping	Max.	m	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)
Maximum Height Difference	Outdoor Unit – Indoor Unit	Max.	m	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)
	Indoor Unit – Indoor Unit	Max.	m	7.5 (24.6)			
Operation Range	Cooling	Min. ~ Max.	℃ (DB)	-5 ~ 52° C			
Combination	Maximum Number of Indoor Units		EA	2 Units		3 Units	
Recommended Combination (Indoor unit Capacity Index, kBtu/h)				12 + 12	12 + 18	12 + 12 +12	12 +18 +18
				12 + 18	18 + 18	12 + 12 + 18	18 + 18 + 18
				-	12 + 24	-	12 + 18 + 24

※ When combination ratio between IDUs and ODU capacity is over 100%, capacity of each IDUs can be reduced.

WALL MOUNTED

LG Wall Mount unit is a powerful cooling solution that can be installed quickly and easily, providing optimized comfort to your loved spaces.
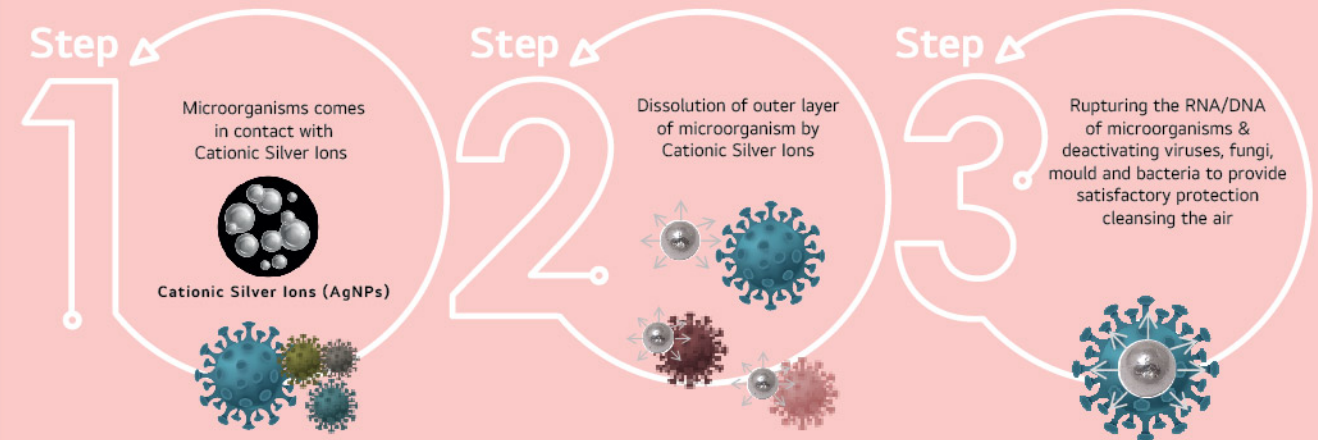
- Healthy Air
- Powerful Cooling
- Super Silent

HEALTHY AIR

HD Filter

LG DUAL Inverter Air Conditioner now comes with an 'Anti-Virus' protection layer fitted HD Filter. The filter mesh is coated with Cationic Silver Ions (AgNPs) that deactivates more than 99% Virus# and Bacteria* in contact. To be precise, it demobilizes up to 99.76% Virus# and up to 99.99% Bacteria* cleansing.

Step 1 — Microorganisms comes in contact with Cationic Silver Ions

Cationic Silver Ions (AgNPs)

Step 2 — Dissolution of outer layer of microorganism by Cationic Silver Ions

Step 3 — Rupturing the RNA/DNA of microorganisms & deactivating viruses, fungi, mould and bacteria to provide satisfactory protection cleansing the air

Plasmaster™ Ionizer⁺⁺

Eliminates Germs & Bacteria. Makes Home Cleaner & Safer.

- Bacteria
- Pollen
- Dead face mites
- Fungi

In the present day world, health and safety of you and your dear ones happen to be our foremost concern. That's why we never let you leave any space in your home unattended, with the revolutionary Plasmaster™ Ionizer⁺⁺. It removes up to 99.9% of adhering bacteria and deodorizes the indoor space, thus keeping your home free from bacteria, germs and any form of bad odor.

How it works

Plasmaster™ Ionizer⁺⁺ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 8 millions ions.

| Ion Cluster Generation | Surrounding Harmful Substances | OH Radical Production | Chemical Reaction | Complete Sterlization |

Sterilization Performance Evaluations

- Ionizer has been proven to remove over 99.9% of Adhering Bacteria within 60 minutes.
- Remove Escherichia Coli, over 99.9% in 20 min.
- Remove Pseudomonas Aeruginosa, over 99.9% in 20 min.
- Remove Staphylococcus Aureus, over 99.9% in 60 min.

Test Verification Report

TUV Rheinland, Verification Certifying Antibacterial Function of Plasmaster™ Ionizer⁺⁺

POWER COOLING WITH 15-METERS AIRFLOW

Have the coolest blast with LG Air Conditioner's powerful air flow that allows you to feel the cool air from up to 15 meters* away.
Now cooling larger spaces is faster and easier with larger skew fans and wider outlets.
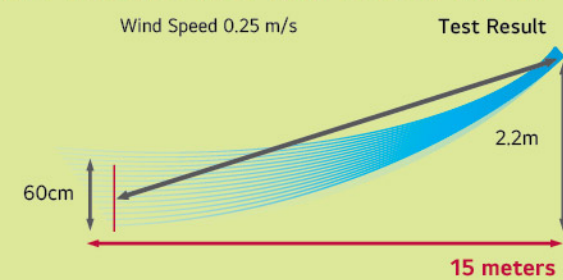
How it works?

Bigger Skew Fan

25% larger skew fan expels more powerful blast of cool air up to 15 meters.

Wider Outlet

Optimally designed wider outlet fills spaces with cooler air faster and further.

TEST RESULT & TEST VERIFICATION REPORT

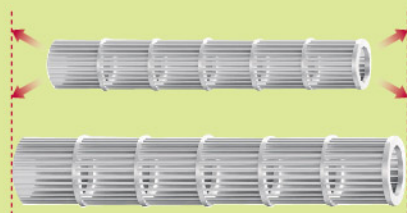Wind Speed 0.25 m/s

Test Result

2.2m

60cm

15 meters

Test Specification

Ambient Temperature: 25°C
Voltage: 220-240V
Test Method: 33919-4520-4701
"LG Air Flow Analysis Standard"

25% Larger (Fan Size)

*Introduced by LG for the first time in India. Available in 1.5T & 2.0T models only.
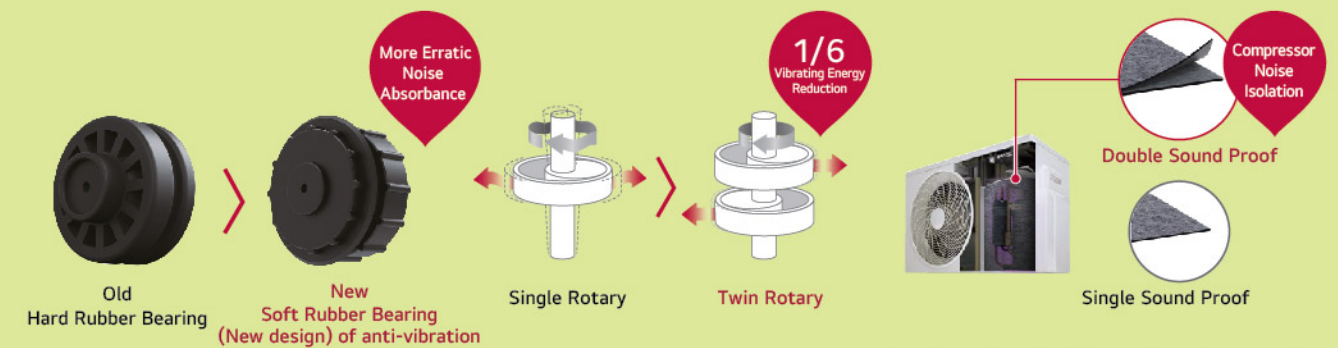

SUPER SILENT

Concentrating on your studies or even getting a well-deserved good night sleep comes naturally with LG DUALCOOL's super silent functioning while delivering the most comfortable cooling.

Benefits

- Increased concentration
- Less vibration, less stress
- Sound and comfortable sleep

How it works?

- Indoor Noise Reduction
- Outdoor Compressor Noise Reduction

More Erratic Noise Absorbance

1/6 Vibrating Energy Reduction

Compressor Noise Isolation

Double Sound Proof

Old Hard Rubber Bearing

New Soft Rubber Bearing (New design) of anti-vibration

Single Rotary

Twin Rotary

Single Sound Proof

* Design of sound proof can be different depending on model.

1 WAY CASSETTE

1 Way Cassette with its elegant design fits perfectly into any interior, making it the best choice for your loved spaces.

- Slim And Compact Indoor Unit
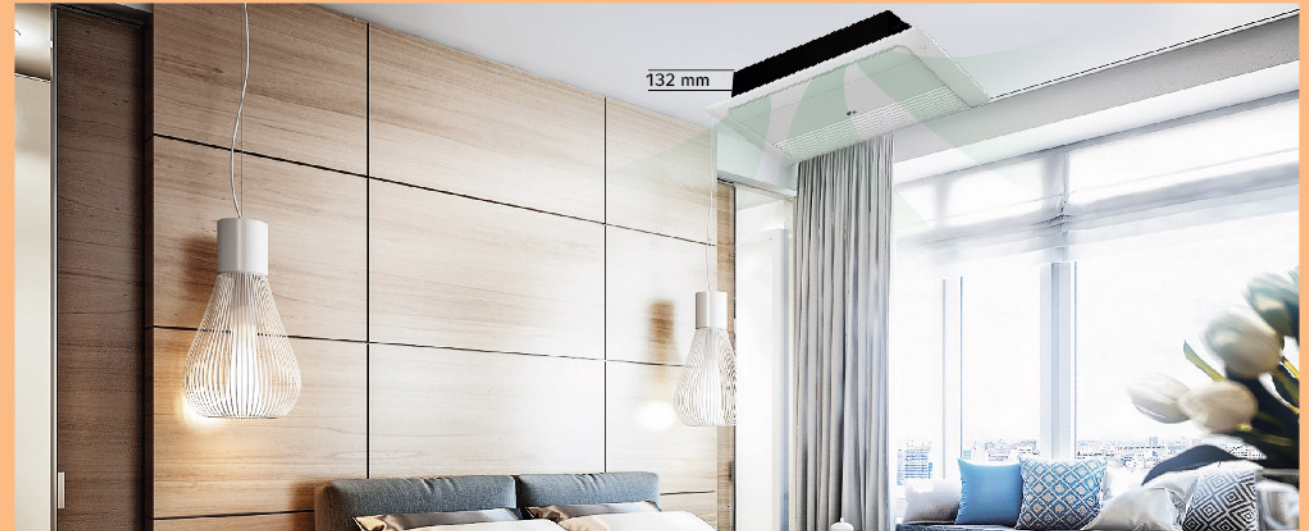- Automatic 4 Way Wind Direction
- Plasmaster Ionizer++
- Reddot Award Winner#

#year 2016 and 2022

KEY FEATURES

SLIM & COMPACT INDOOR UNIT

Slim indoor unit provides flexibility of installation in the narrow ceiling space.

Ceiling space | Body height | 132 mm

132 mm

AUTOMATIC 4 WAY WIND DIRECTION

The wind is discharged evenly up, down, left and right automatically, so there is no cooling blind spot.
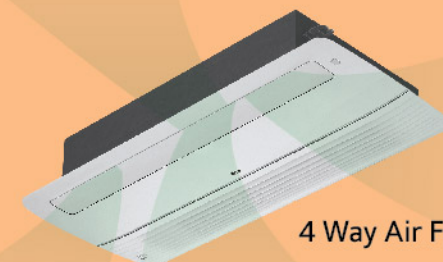
4 Way Air Flow
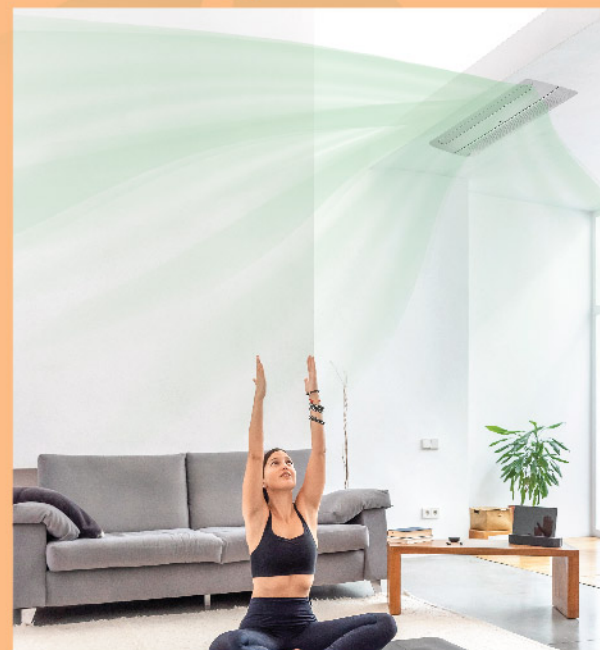
Plasmaster™ Ionizer++

Plasmaster™ Ionizer++ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 8 milions ions.

Ion Cluster Generation | Surrounding Harmful Substances | OH Radical Production | Chemical Reaction | Complete Sterlization

INDOOR PRODUCT
SPECIFICATIONS

WALL MOUNTED

* Wireless Remote Controller Included AKB74955606

Wall Mounted IDU				1.0T		1.5T		2.0T	
	Model	-		S3NZ12JM3FA	S3NZ12JM3RA	S3NZ18KM3FA	S3NZ18KM3RA	S3NZ24KM3FA	S3NZ24KM3RA
				Wi-Fi	Ionizer	Wi-Fi	Ionizer	Wi-Fi	Ionizer
Rated Cooling Capacity		kW		3.5		5.2		7.0	
		kBtu/h		12		18		24	
Power Supply		V, Ø, Hz		230, 1, 50		230, 1, 50		230, 1, 50	
Max Air Flow				12.0		18.5		20.0	
Fan	Air Flow Rate	Max / H / M / L	m³/min	12.0 / 9.3 / 7.2 / 4.5		18.5 / 12.7 / 10.2 / 8.4		20.0 / 15.0 / 12.5 / 10.6	
			cfm	425 / 328/ 254/ 158		653 / 448/ 360/ 296		706 / 530/ 441/ 374	
	Motor Type		-	BLDC		BLDC		BLDC	
Sound Pressure Levels		H / M / L	dB(A)	41 / 36 / 27		45 / 39 / 35		47 / 41 / 37	
Dimensions	Net	W x H x D	mm	837 x 308 x 189		998 x 345 x 210		998 x 345 x 210	
Weight	Net		kg	8.0		10.2		10.2	
Color			-	White		White		White	
Pipe Connections	Liquid Side		mm	Ø6.35(1/4)		Ø6.35(1/4)		Ø6.35(1/4)	
	Gas Side		mm	Ø9.52(3/8)		Ø12.7(1/2)		Ø12.7(1/2)	
	Drain Pipe	OD / ID	mm	Ø 32 / 25		Ø 32 / 25		Ø 32 / 25	
Power and Communication Cable (included Earth)		No. × mm² (AWG)		4C x 1.0 (18)					

Notes:
Performances are based on following conditions:
※ Cooling: Indoor ambient temperature 27°CDB / 19°CWB, Outdoor ambient temperature 35°CDB / 24°CWB

1 WAY CASSETTE

* Wireless Remote Controller Included AKB76038102

1 Way Cassette IDU				1.0T		1.5T		2.0T	
	Model	-		ZMNQ12GTUW0	ZMNQ12GTUC0	ZMNQ18GTTW0	ZMNQ18GTTC0	ZMNQ24GTTW0	ZMNQ24GTTC0
				Wi-Fi	Ionizer	Wi-Fi	Ionizer	Wi-Fi	Ionizer
Rated Cooling Capacity		kW		3.6		5.2		7.0	
Power Supply		V , Ø , Hz		230 ,1 , 50		230 ,1 , 50		230 ,1 , 50	
Fan	Air Flow Rate	H / M / L	m³/min	9 / 8 / 7		16 / 14 / 12		16 / 14 / 12	
			cfm	318 / 283 / 247		565 / 494 / 424		565 / 494 / 424	
	Motor Type		-	BLDC		BLDC		BLDC	
Sound Pressure Level		H / M / L	dB(A)	37 / 36 / 33		46 / 43 / 39		46 / 43 / 39	
Dimensions	Net	W × H × D	mm	860 x 132 x 450		1,180 x 132 x 450		1,180 x 132 x 450	
Weight	Net		kg	11.3		14.4		14.4	
Piping Connections	Liquid Side		mm	Ø 6.35(1/4)		Ø 6.35(1/4)		Ø6.35(1/4)	
	Gas Side		mm	Ø 9.52(3/8)		Ø 12.7(1/2)		Ø12.7(1/2)	
	Drain Pipe	OD / ID	mm	Ø 32 / 25		Ø 32 / 25		Ø 32 / 25	
Power and Communication Cable (included Earth)		No. × mm² (AWG)		4C x 1.0 (18)					
Decoration Panel 1 Standard	Model Name		-	PT-UAHW0		PT-TAHW0		PT-TAHW0	
	Color		-	White		White		White	
	Dimensions	W x H x D	mm	1,100 x 34 x 500		1,420 x 34 x 500		1,420 x 34 x 500	
	Net Weight		kg	3.3		4.5		4.5	
	Type		-	Standard		Standard		Standard	

Accessories	1.0 T	1.5 T	2.0 T
Modbus Dry Contact (IDU)		PDRYCB500	

Notes:
Performances are based on following conditions:
※ Cooling: Indoor ambient temperature 27°CDB / 19°CWB, Outdoor ambient temperature 35°CDB / 24°CWB

1 WAY CASSETTE

* Wireless Remote Controller Included
AKB76038102

1 Way Cassette IDU				1.0 T	1.5 T	2.0 T
	Model	-		ZMNQ12GTUA0	ZMNQ18GTTA0	ZMNQ24GTTA0
Rated Cooling Capacity		kW		3.6	5.2	7.0
Power Supply		V , Ø , Hz		230 ,1 , 50	230 ,1 , 50	230 ,1 , 50
Fan	Air Flow Rate	H / M / L	m³/min	9 / 8 / 7	16 / 14 / 12	16 / 14 / 12
			cfm	318 / 283 / 247	565 / 494 / 424	565 / 494 / 424
	Motor Type	-		BLDC	BLDC	BLDC
Sound Pressure Level		H / M / L	dB(A)	37 / 36 / 33	46 / 43 / 39	46 / 43 / 39
Dimensions	Net	W × H × D	mm	860 x 132 x 450	1,180 x 132 x 450	1,180 x 132 x 450
Weight	Net	kg		11.3	14.2	14.2
Piping Connections	Liquid Side	mm		Ø 6.35(1/4)	Ø 6.35(1/4)	Ø 6.35(1/4)
	Gas Side	mm		Ø 9.52(3/8)	Ø 12.7(1/2)	Ø12.7(1/2)
	Drain Pipe	OD / ID	mm	Ø 32 / 25	Ø 32 / 25	Ø 32 / 25
Power and Communication Cable (included Earth)		No. × mm² (AWG)		4C × 0.75 (18)	4C × 1.0 (18)	4C × 0.75 (18)
Decoration Panel 1 Standard	Model Name	-		PT-UAHW0	PT-TAHW0	PT-TAHW0
	Color	-		White	White	White
	Dimensions	W x H x D	mm	1,100 x 34 x 500	1,420 x 34 x 500	1,420 x 34 x 500
	Net Weight	kg		3.3	4.5	4.5
	Type	-		Standard	Standard	Standard
Decoration Panel 2 Air Purification*	Model Name	-		PT-UPHG0	PT-TPHG0	PT-TPHG0
	Color	-		Glossy White	Glossy White	Glossy White
	Dimensions	W x H x D	mm	1,160 x 34 x 500	1,480 x 34 x 500	1,480 x 34 x 500
	Net Weight	kg		4.1	4.9	4.9
	Type	-		Air Purification*	Air Purification*	Air Purification*

* For this function, air purification kit (Accessory) is needed additionally

Accessories	1.0 T	1.5 T	2.0 T
Air Purification Kit		PTAHTP0	
Wi-Fi Module (IDU)		PWFMDD200	
Modbus Dry Contact (IDU)		PDRYCB500	

Notes:
Performances are based on following conditions:
※ Cooling: Indoor ambient temperature 27°CDB / 19°CWB, Outdoor ambient temperature 35°CDB / 24°CWB

INDOOR PRODUCT
KEY FUNCTIONS

WALL MOUNTED

Category	Key Functions	S3NQ12JM3FA	S3NQ12JM3RA	S3NQ18KM3FA	S3NQ18KM3RA	S3NQ24KM3FA	S3NQ24KM3RA
Air Flow	Air Flow Direction Control (Up & Down)	6 Steps	6 Steps	6 Steps	6 Steps	6 Steps	6 Steps
	4 Way Air Flow	O	O	O	O	O	O
	Fan Speed Steps (Fan / Cool)	6 / 6	6 / 6	6 / 6	6 / 6	6 / 6	6 / 6
	Natural Wind (Auto Wind)	O	O	O	O	O	O
	Jet Cool	O	O	O	O	O	O
	15 MTS Airthrow	X	X	O	O	O	O
	Comfort Air	O	O	O	O	O	O
Air Purifying	Prefilter HD (Washable)	O	O	O	O	O	O
	Plasma Air Purifier (Ionizer)	X	O	X	O	X	O
Convenience	Auto Operation (Artificial Intelligence)	O	O	O	O	O	O
	Auto Cleaning (Coil Dry)	O	O	O	O	O	O
	Auto Restart (Memory)	O	O	O	O	O	O
	On/ Off Timer	O	O	O	O	O	O
	On/Off Indicator	O	O	O	O	O	O
	Sleep Mode	O	O	O	O	O	O
	Group Control	O	O	O	O	O	O
	ThinQ (Wi-Fi)	O	X	O	X	O	X
	Voice Control with Amazon Alexa	O	X	O	X	O	X
	Voice Control with Google Assistant	O	X	O	X	O	X

1WAY CASSETTE

Category	Key Features	ZMNQ12GTUW0 / ZMNQ12GTUC0 / ZMNQ12GTUA0	ZMNQ18GTTW0 / ZMNQ18GTTC0 / ZMNQ18GTTA0	ZMNQ24GTTW0 / ZMNQ24GTTC0 / ZMNQ24GTTA0
Air Flow	Air Flow Direction Control (Up & Down)	6 Steps	6 Steps	6 Steps
	4 Way Air Flow	O	O	O
	Fan Speed Steps (Fan / Cool)	4 / 5	4 / 5	4 / 5
	Natural Wind (Auto Wind)	O	O	O
	Jet Cool	O	O	O
	Ceiling Height selection	O	O	O
Convenience	Auto Operation (Artificial Intelligence)	O	O	O
	Auto Cleaning (Coil Dry)	O	O	O
	Auto Restart (Memory)	O	O	O
	On/ Off Timer	O	O	O
	On/Off Indicator	O	O	O
	Sleep Mode	O	O	O
	Child Lock	O	O	O
	Group Control	O	O	O

Note
WiFi funtion available in-ZMNQ12GTUW0, ZMNQ18GTTW0 & ZMNQ24GTTW0
Plasmaster Ionizer availavle in- ZMNQ12GTUC0, ZMNQ18GTTC0 & ZMNQ24GTTC0
Additional Air Purification Kit required with- ZMNQ12GTUA0, ZMNQ18GTTA0 & ZMNQ24GTTA0

ACCESSORIES

Category	Accessory Name	Model	Description	Z2UQ27GFA0	Z2UQ32GFA0	Z3UQ37GFA0	Z3UQ51GFA0
Central Controller	AC EZ	PQCSZ250S0	Small type	X	O	O	O
	AC EZ touch	PACEZA000	Small / Touch type	X	O	O	O
	AC Smart 5	PACS5A000	Touch type	X	O	O	O
	ACP 5	PACP5A000	-	X	O	O	O
	AC Manager 5	PACM5A000	Integrated	X	O	O	O
Gateway	ODU PI485	PMNFP14A1	PI 485 Gateway	X	O	O	O
	ACP BACnet	PQNFB17C0	-	X	O	O	O
	ACP Lonwork	PQNFB17C0 + *U60FT	-	X	O	O	O
	Modbus Converter	PMBUSC00A	Modbus without PI 485	X	O	O	O
Integration Device	Cloud Gateway	PLNWKB000	-	X	O	O	O
	ACS IO Module	PEXPMB000	Input/Output Module	X	O	O	O
	PDI Standard	PPWRDB000	Power distributor (2 Port)	X	O	O	O
	PDI Premium	PQNUD1S40	Power distributor (8 Port)	X	O	O	O
Etc.	LGMV Modem	PLGMVW100	-	O	O	O	O

Category	Accessory Name	Model	Description	1 Way Cassette
Individual Controller	Wired Remote Controller	PREMTB100	Standard III (White)	O
		PREMTBB10	Standard III (Black)	O
Dry contact	Simple contact	PDRYCB000	Simple Dry Contact	O
	Communication type	PDRYCB500	For Modbus	O
Etc.	Air Purification Kit	PTAHTP0	-	O
	Remote temperature sensor	PQRSTA0	-	O
	Group control wire	PZCWRCG3	0.25m	O

Notes:

*U60FT : This device should be purchased separately from 3rd party supplier. Please contact regional LG office for more detailed information.

TEST REPORTS & CERTIFICATE

TEST REPORT FOR LG ELECTRONICS CO., LTD.
Report No.: RT20E-50054
Date: JAN. 30, 2021

OBJECTIVE

The purpose of the testing is:

To evaluate the antibacterial efficacy of LGE's ionizer (called "Plasmaster")

HYPOTHESIS

The LGE's ionizer (called "Plasmaster") will remove more than 99.9 % of bacteria.

CONCLUSION

Based on the data collected, the Hypothesis is accepted:

The LGE's ionizer (called "Plasmaster") can remove more than 99.9 % of bacteria.

Rody Ju
ENGINEER

Bo Park
Laboratory Director

■ Bacteria Removal test report
  - Plasmaster