



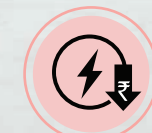
SYSTEM
AIR CONDITIONING

ONE TRUE COOLING SOLUTION FOR MULTI SPACES

Presenting
MULTI iTM
Home



Space Saving



Energy & Cost Saving



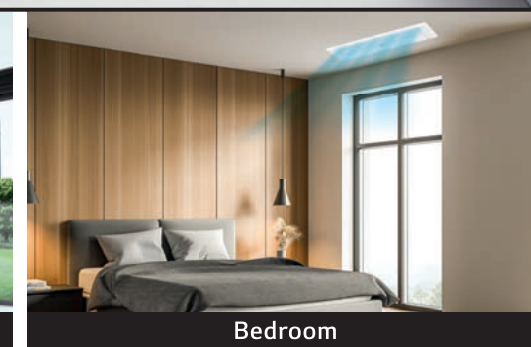
High Reliability



Comfort & Convenience



Living Room



Bedroom



Dining Room

LG SAC CUSTOMER CARE

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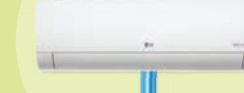
LG *MULTI i*™ Home

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

1

SPACE SAVING



The single outdoor unit can connect with multiple indoor units to save space and add elegance.



2

ENERGY & COST SAVING



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

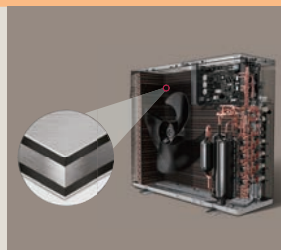


3

HIGH RELIABILITY



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



4

COMFORT & CONVENIENCE



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



LINE UP



INDOOR

CAPACITY	1.0 Tr	1.5 Tr	2.0 Tr
TYPE (Cooling Only)	12 kBtu/h	18 kBtu/h	24 kBtu/h
WALL MOUNTED			
	Wi-Fi ONLY (Inbuilt)		
	S3NZ12JM3FA	S3NZ18KM3FA	S3NZ24KM3FA
	PLASMASTER IONISER ONLY (Inbuilt)		
	S3NZ12JM3RA	S3NZ18KM3RA	S3NZ24KM3RA
1 WAY CASSETTE			
	Wi-Fi & AIR PURIFICATION (Optional)		
	ZMNQ12GTUA0	ZMNQ18GTTA0	ZMNQ24GTTA0

- Wi-Fi Only
- Plasmaster Ioniser
- Air Purification

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

OUTDOOR

CAPACITY	2.0 Tr	2.5 Tr	3.0 Tr	4.0 Tr					
TYPE (Cooling Only)	24 kBtu/h	30 kBtu/h	36kBtu/h	48 kBtu/h					
MULTI i . Home									
	Z2UQ27GFA0	Z2UQ32GFA0	Z3UQ37GFA0	Z3UQ51GFA0					
	Maximum Connectable IDU's		2 Units		3 Units				
	Maximum Capacity IDU's (kBtu/h)		30		42		48		60
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

KEY FEATURES
SPACE SAVING



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



KEY FEATURES

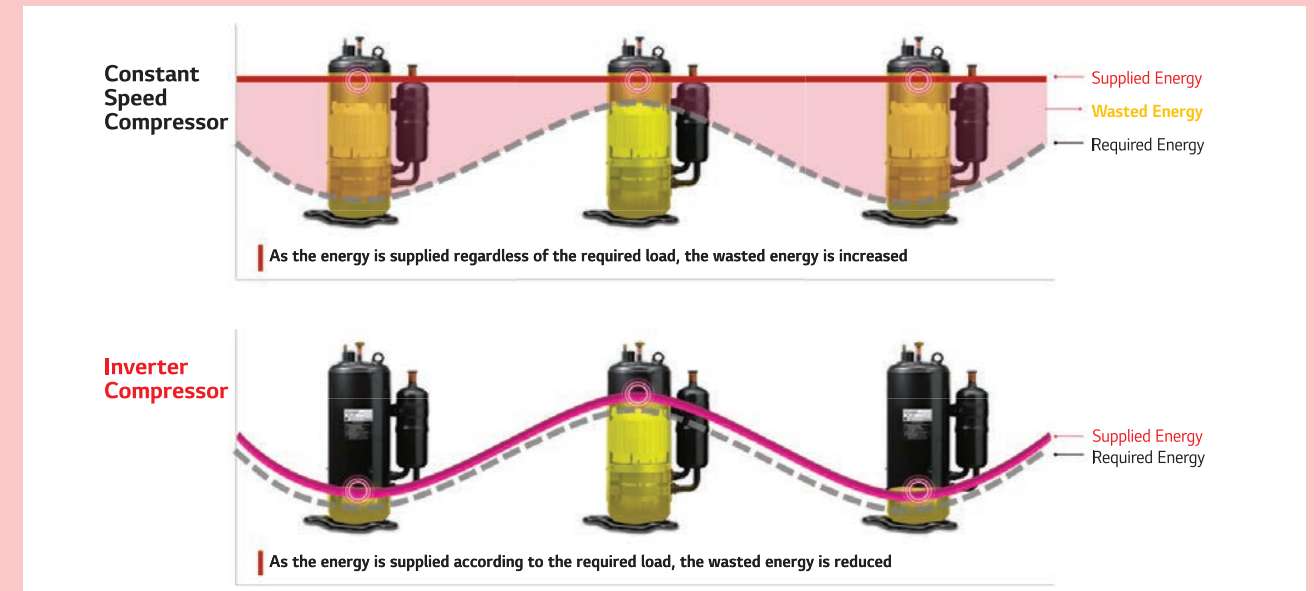
ENERGY & COST SAVING



2 ENERGY AND COST SAVING

Benefit of Inverter Compressor

Inverter Compressor can maximize the energy efficiency by adjusting the amount of work as required.

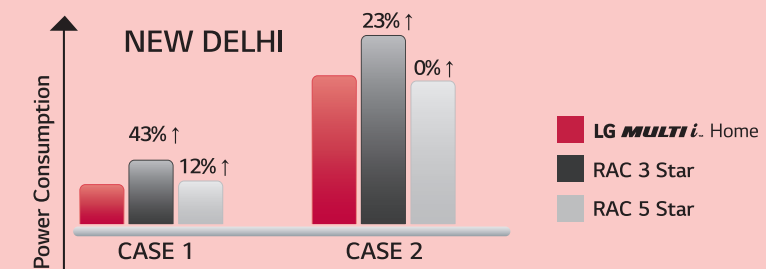


Annual Power Consumption Comparison

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

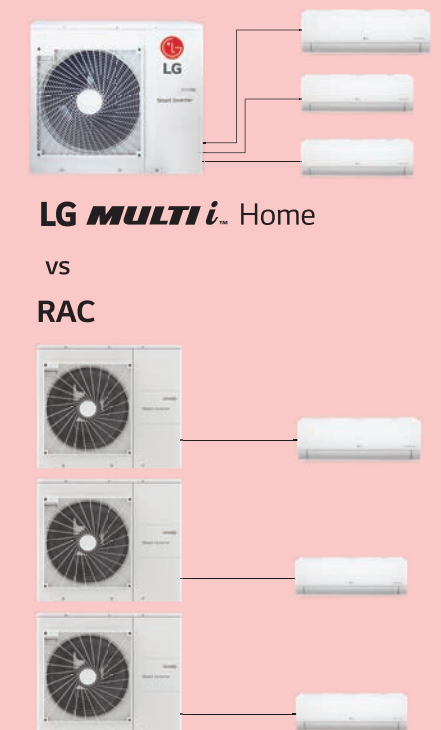
Benefits

- 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)



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



KEY FEATURES HIGH RELIABILITY

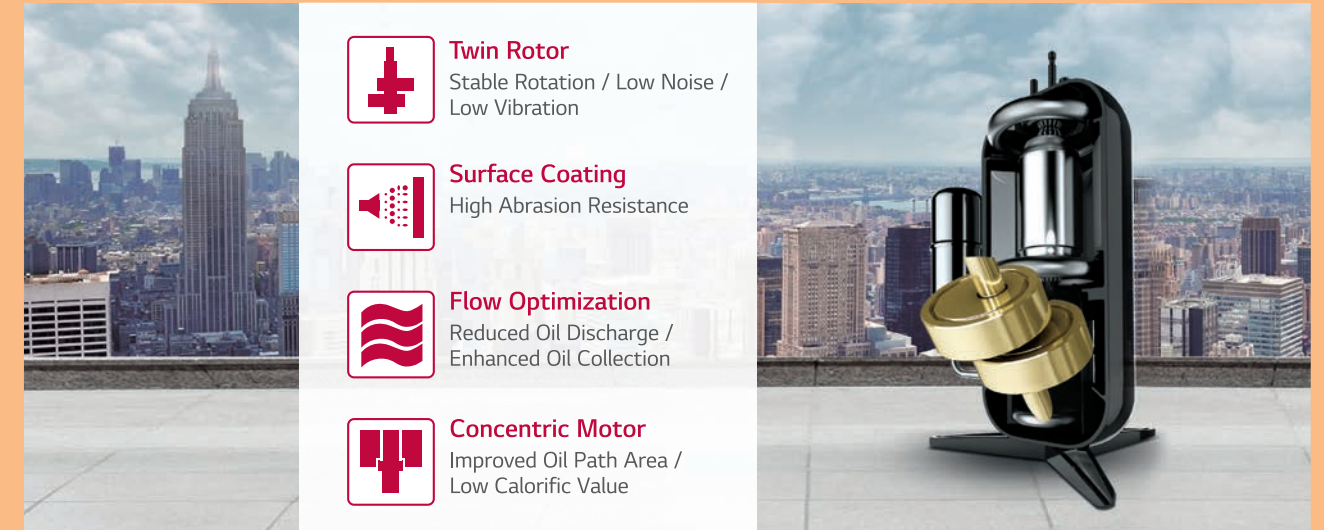


3 HIGH RELIABILITY

LG MULTI. 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*

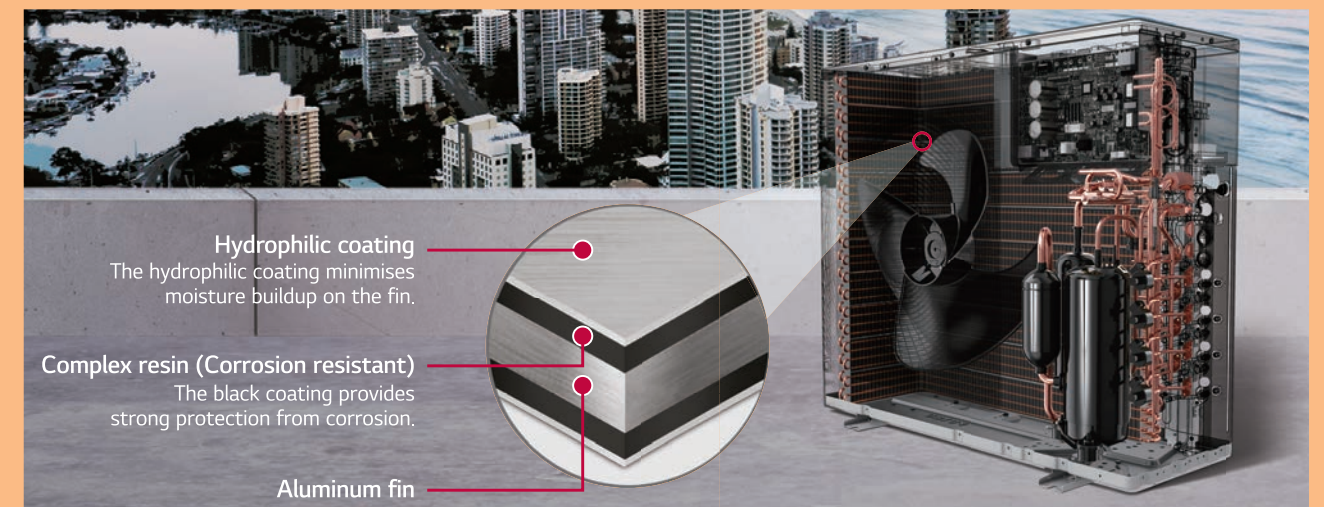
The Dual Inverter Compressor has a structure optimized for stability, so it can be operated with low vibration and low noise.



*4Tr ODU available with R1 Scroll Compressor

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.



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)

KEY FEATURES COMFORT & CONVENIENCE

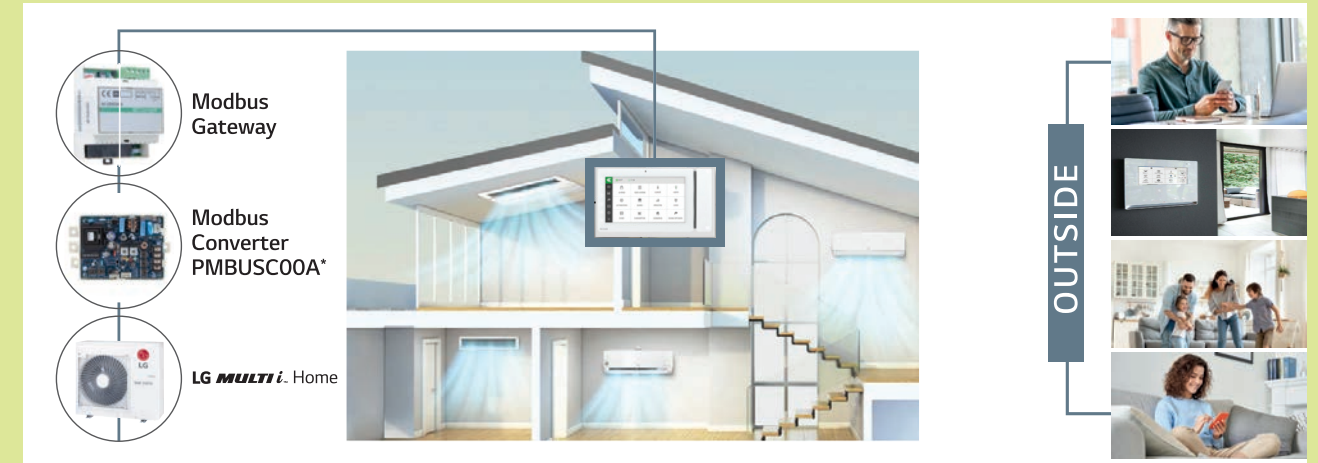


4 COMFORT AND CONVENIENCE

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

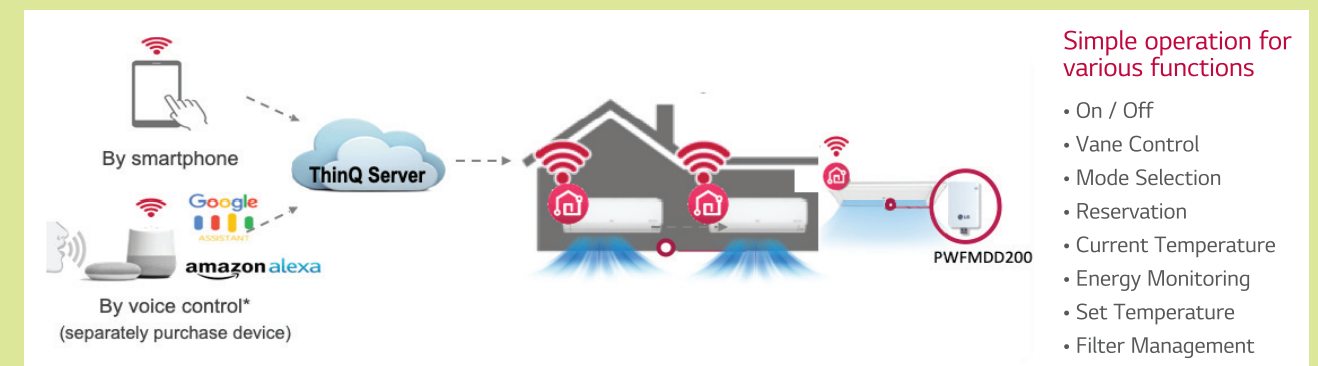
Enjoy seamless connectivity and supreme control over your home's cooling with LG's unique home automation.



*Only 2.0Tr not available

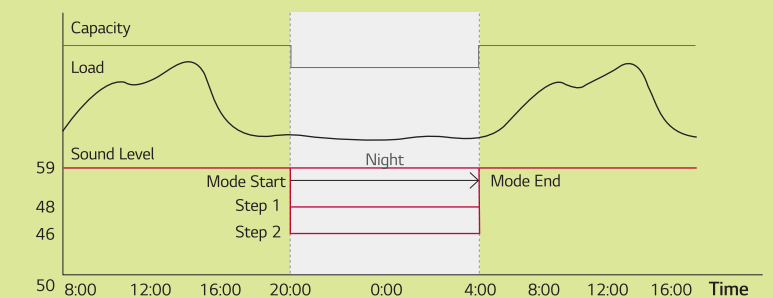
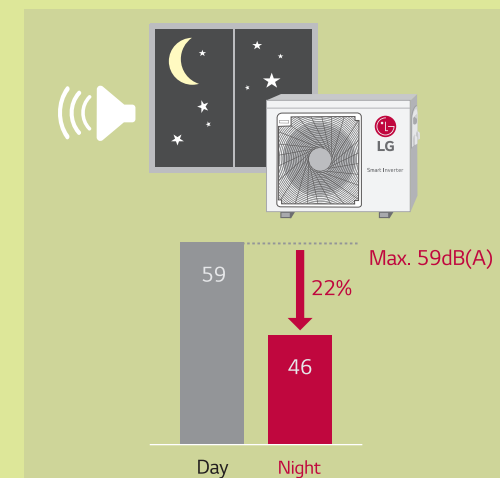
LG ThinQ™

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



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.



※ 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



Outdoor unit		Nominal Capacity	Tr	2.0	2.5	3.0	4.0
		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 - 2.58 - 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 (oz)	900 (31.7)	1,200 (42.3)	1,400 (49.4)	2,100 (74.1)
	Chargeless-Total Pipe Length		m (ft)	20(65.6)	30(98.4)	30(98.4)	40 (131.2)
	Additional Charging Volume		g/m (oz/ft)	20(0.7)	20(0.7)	20(0.7)	20 (0.7)
Fan Motor	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 0.75 (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 x 650 x 330	870 x 650 x 330	950 x 834 x 330
Net Weight			kg (lbs)	32.5(71.6)	44.5(98.0)	45.8(101.0)	61.2(134.9)
Piping Connections	Liquid	Outer Dia.	mm(inch) 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(inch) 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 (ft)	50(164.0)	50(164.0)	60 (196.9)	70 (229.7)
	Each Branch Piping	Max.	m (ft)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)
Maximum Height Difference	Outdoor Unit - Indoor Unit	Max.	m (ft)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)
	Indoor Unit - Indoor Unit	Max.	m (ft)	7.5 (24.6)			
Operation Range	Cooling	Min. - Max.	°C (DB)	-5 - 52° C			
Combination	Maximum Number of Indoor Units		EA	2 Units		3 Units	
					12 + 12	12 + 18	12 + 12 + 12
Recommended Combination (Indoor unit Capacity Index, kBtu/h)				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.

DISCOVER THE EXCEPTIONAL
INDOOR RANGE

WALL MOUNTED



1 WAY CASSETTE



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.

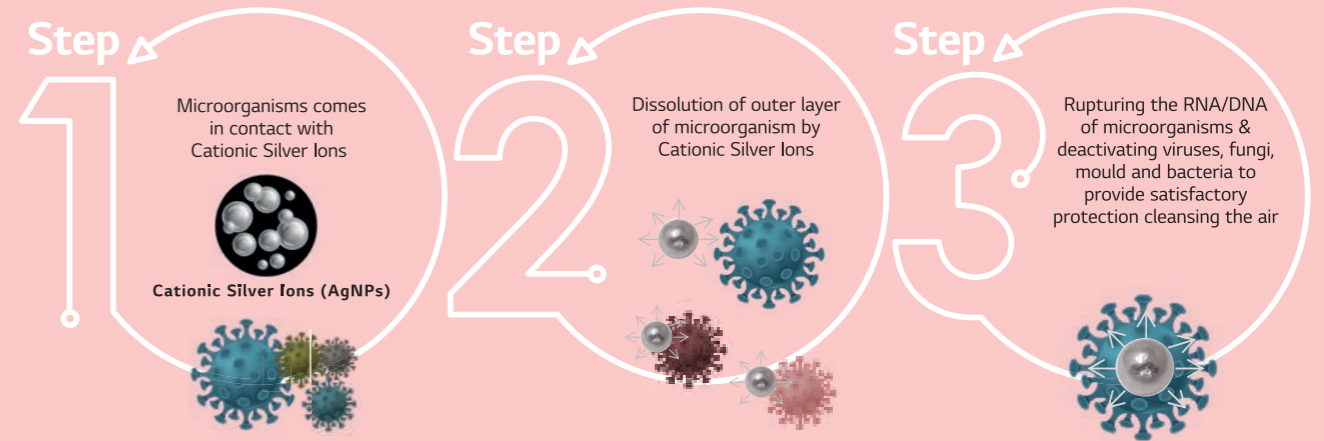
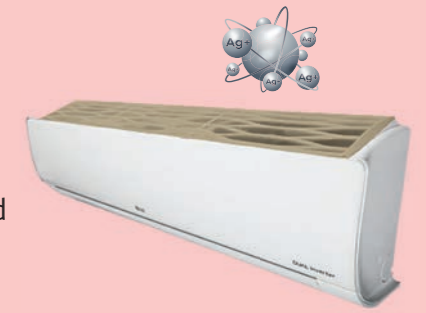
-  Healthy Air
-  Powerful Cooling
-  Super Silent



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.



Plasmaster™ Ionizer**

Eliminates Germs & Bacteria. Makes Home Cleaner, Safer.

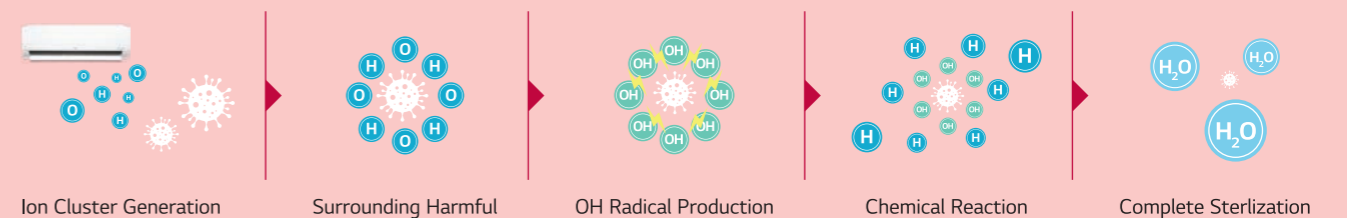


-  Bacteria
-  Pollen
-  Dead face mites
-  Fungi

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.



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.

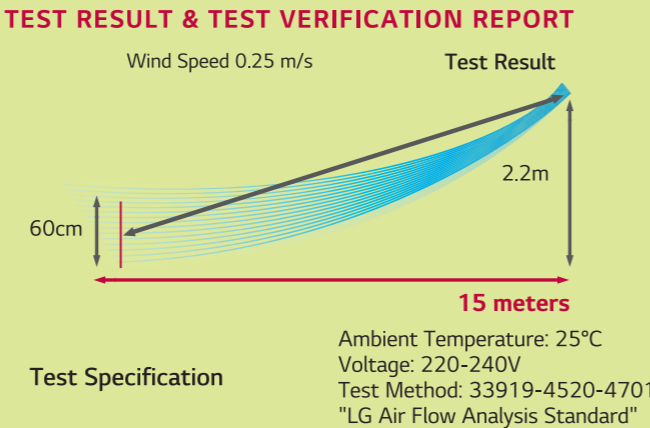
How it works?

Bigger Skew Fan

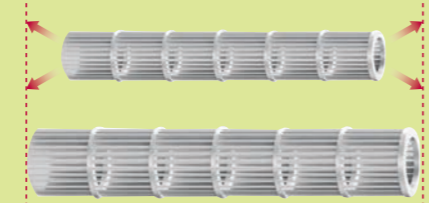
25% larger skew fan expels more powerful blast of cool air up to 15 meters.

Wider Outlet

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



25% Larger (Fan Size)



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

SUPER SILENT

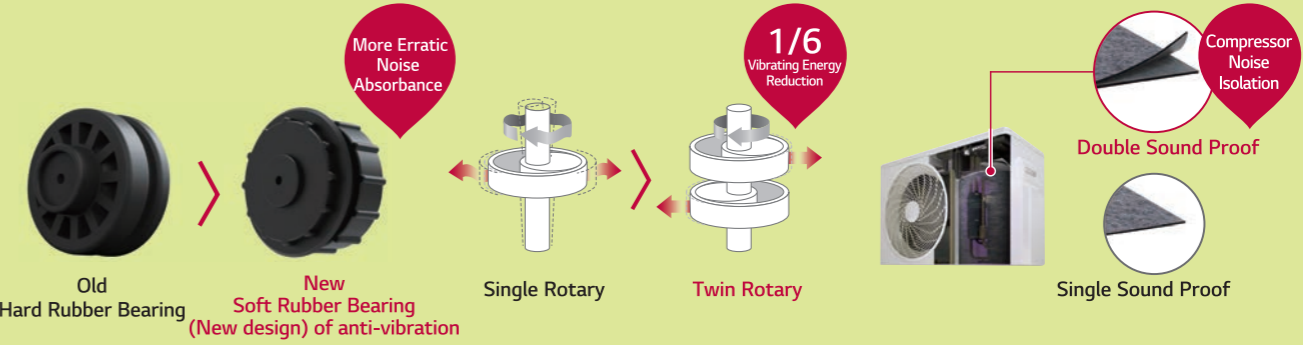
Concentrating on your studies or even getting a well-deserved good night sleep comes naturally with LG DUALCOOL's super silent functioning while delivering the most comfortable cooling.

Benefits

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

How it works?

- Indoor Noise Reduction
- Outdoor Compressor Noise Reduction



* 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.

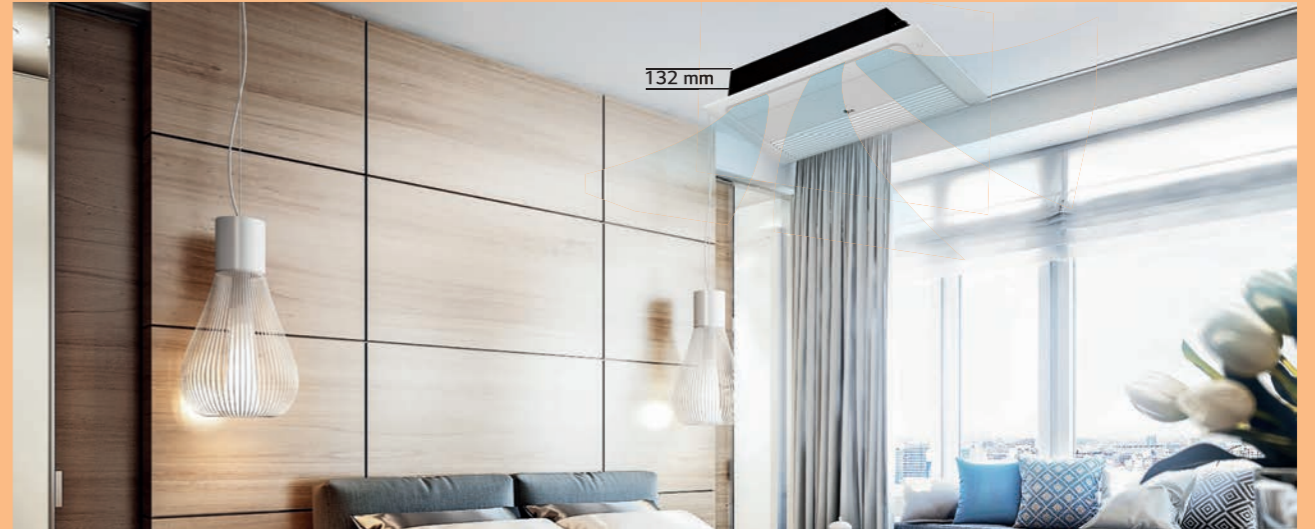
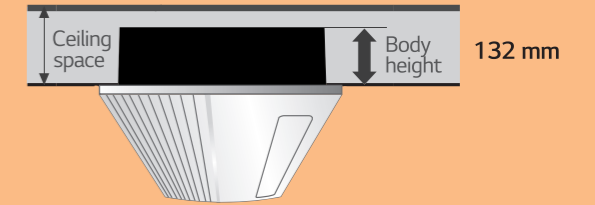
-  Slim And Compact Indoor Unit
-  Automatic 4 Way Wind Direction
-  Air Purification Up To PM 1.0 with 5 Step Air Filtration
-  Reddot award winner*

*T&C apply



SLIM & COMPACT INDOOR UNIT

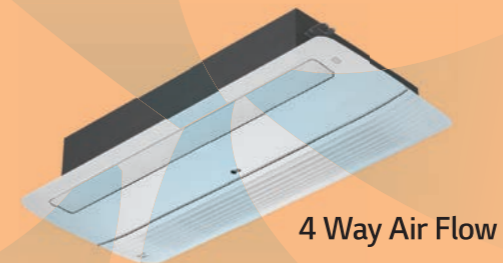
Slim indoor unit provides flexibility of installation in the narrow ceiling space.



KEY FEATURES

AUTOMATIC 4 WAY WIND DIRECTION

The wind is discharged evenly up, down, left and right automatically, so there is no cooling blind spot



5 STEP AIR PURIFICATION

Air-purifying filter that removes 99.9% of PM1.0 and also removes 99% of ultra-fine dust particles, bacteria and virus



INDOOR PRODUCT SPECIFICATIONS

WALL MOUNTED



* Wireless Remote Controller Included AKB74955606

Wall Mounted IDU		Nominal Capacity	Tr	1.0 Tr		1.5 Tr		2.0 Tr	
		Model	-	S3NZ12JM3FA	S3NZ12ZM3RA	S3NZ18KM3FA	S3NZ18KM3RA	S3NZ24KM3FA	S3NZ24KM3RA
				Wi-Fi	Ionizer	Wi-Fi	Ionizer	Wi-Fi	Ionizer
Rated Cooling Capacity			kW	3.5		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	9.3 / 7.2 / 4.5		12.7 / 10.2 / 8.4		15.0 / 12.5 / 10.6	
			cfm	328 / 254 / 158		448 / 360 / 296		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(lbs)	8.1 (17.9)		11.0 (24.3)		11.0 (24.3)	
Color			-	White		White		White	
Pipe Connections	Liquid Side		mm(inch)	Ø6.35(1/4)		Ø6.35(1/4)		Ø6.35(1/4)	
	Gas Side		mm(inch)	Ø9.52(3/4)		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. x mm² (AWG)	4C x 0.75 (18)		4C x 0.75 (18)		4C x 0.75 (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		Nominal Capacity	Tr	1.0 Tr	1.5 Tr	2.0 Tr
		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 x H x 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 (inch)	Ø 6.35(1/4)	Ø 6.35(1/4)	Ø 6.35(1/4)
	Gas Side		mm (inch)	Ø 9.52(3/8)	Ø 12.7(1/2)	Ø 12.7(1/2)
	Drain Pipe	OD / ID	mm	Ø 32 / 25	Ø 32 / 25	Ø 32 / 25
Power and Communication Cable (included Earth)			No. x mm² (AWG)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 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
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
			-	Air Purification*	Air Purification*	Air Purification*

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

Accessories	1.0 Tr	1.5 Tr	2.0 Tr
Air Purification Kit	PTAHTP0		
Wi-Fi Module (IDU)	PWFMD200		
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 FEATURES

WALL MOUNTED

Category	Key Features	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	0	0	0	0	0	0
	Fan Speed Steps (Fan / Cool)	6 / 6	6 / 6	6 / 6	6 / 6	6 / 6	6 / 6
	Natural Wind (Auto Wind)	0	0	0	0	0	0
	Jet Cool	0	0	0	0	0	0
	15 MTS Airthrow	X	X	0	0	0	0
	Comfort Air	0	0	0	0	0	0
Air Purifying	Prefilter HD (Washable)	0	0	0	0	0	0
	Plasma Air Purifier (Ionizer)	X	0	X	0	X	0
Convenience	Auto Operation (Artificial Intelligence)	0	0	0	0	0	0
	Auto Cleaning (Coil Dry)	0	0	0	0	0	0
	Auto Restart (Memory)	0	0	0	0	0	0
	On/ Off Timer	0	0	0	0	0	0
	On/Off Indicator	0	0	0	0	0	0
	Sleep Mode	0	0	0	0	0	0
	Group Control	0	0	0	0	0	0
	ThinQ (Wi-Fi)	0	X	0	X	0	X
	Voice Control with Amazon Alexa	0	X	0	X	0	X
	Voice Control with Google Assistant	0	X	0	X	0	X

1WAY CASSETTE

Category	Key Features	ZMNQ12GTUA4	ZMNQ18GTUA4	ZMNQ24GTUA4	
Air Flow	Air Flow Direction Control (Up & Down)	6 Steps	6 Steps	6 Steps	
	4 way Air Flow	0	0	0	
	Fan Speed Steps (Fan / Cool)	4 / 5	4 / 5	4 / 5	
	Natural Wind (Auto Wind)	0	0	0	
	Jet Cool	0	0	0	
	Ceiling Height selection	0	0	0	
Air Purifying	Prefilter	0	0	0	
	Air Purification Kit* (Optional)	Deodorizing Filter	0	0	0
		PM 1.0 Filter	0	0	0
		Plasma Air Purifier (Ionizer)	0	0	0
Air Quality Indicator*	0	0	0		
Convenience	Auto Operation (Artificial Intelligence)	0	0	0	
	Auto Cleaning (Coil Dry)	0	0	0	
	Auto Restart (Memory)	0	0	0	
	On/ Off Timer	0	0	0	
	On/Off Indicator	0	0	0	
	Sleep Mode	0	0	0	
	Child Lock	0	0	0	
	Group Control	0	0	0	
ThinQ (Wi-Fi)*	0	0	0		

*Optional

INDOOR PRODUCT ACCESSORIES

Category	Accessory Name	Model	Description	Z2UQ27GFA0	Z2UQ32GFA0	Z3UQ37GFA0	Z3UQ51GFA0
Central Controller	AC EZ	PQCSZ250S0	Small type	X	0	0	0
	AC EZ touch	PACEZA000	Small / Touch type	X	0	0	0
	AC Smart 5	PACSSA000	Touch type	X	0	0	0
	ACP 5	PACP5A000	-	X	0	0	0
	AC Manager 5	PACM5A000	Integrated	X	0	0	0
Gateway	ODU PI485	PMNFP14A1	PI 485 Gateway	X	0	0	0
	ACP BACnet	PQNFB17C0	-	X	0	0	0
	ACP Lonwork	PLNWKB000	-	X	0	0	0
Integration Device	Modbus Converter	PMBUSC00A	Modbus without PI 485	X	0	0	0
	Cloud Gateway	PLNWKB000	-	X	0	0	0
	ACS IO Module	PEXPMB000	Input/Output Module	X	0	0	0
	PDI Standard	PPWRDB000	Power distributor (2 Port)	X	0	0	0
Etc.	PDI Premium	PQNUD1S40	Power distributor (8 Port)	X	0	0	0
	LGMV Modem	PLGMVW100	-	0	0	0	0

Category	Accessory Name	Model	Description	1way Cassette			
Individual Controller	Wired Remote Controller	PREMTB100	Standard III (White)	0			
		PREMTBB10	Standard III (Black)	0			
Dry contact	Simple contact	PDRYCB000	Simple Dry Contact	0			
	Communication type	PDRYCB500	For Modbus	0			
Etc.	Air Purification Kit	PTAHTP0	-	0			
	Remote temperature sensor	PQRSTA0	-	0			
	Group control wire	PZCWRCG3	0.25m	0			

