



Residential Air Conditioners CATALOGUE 2021



LG DUAL INVERTER COOLS BETTER **AN INTRODUCTION**

The evolution of human lives is made possible with relentless efforts to make innovations happen. It all started when the Indian Air Conditioning scene was at a standstill, be it on its part of implementing new ideas or strategies. The market flooded with age-old technologies in new packages. This was the moment; market leader LG Electronics strategically converted its entire range of air conditioners into inverter technology shooting up the overall inverter AC market share from a mere 12% to a staggering 70%*. It launched its flawless LG DUALCOOL Air Conditioners with cutting-edge DUAL Inverter Compressor, Super Convertible 5-in-1 Cooling, latest ISEER Ratings and UV Nano technology. The best air conditioning solution that completely transformed the face of Indian residential ACs with fastest cooling and highest savings. Advanced Anti-Virus Protection, 100% Eco-Friendly Refrigerant R32, Ocean Black Protection and 10-Year warranty on compressor keeps LG DUALCOOL Air Conditioners younger for longer and makes lives safe.

LG CONQUERS

28%* INVERTER MARKET SHARE

With DUAL Inverter technology, LG Electronics India has raised awareness towards energy efficiency levels and optimum cooling performances as leaders of Inverter Air Conditioners. In an age when the world is constantly trying to save energy in every possible way, LG DUALCOOL Inverter AC with Super Convertible 5-in-1 Cooling and Touch-Free Operation saves energy, spreads faster cooling and ensure complete safety.

2016

LG became
India's No.1
and most loved
electronics brand

LG became
India's 1st*
Air Conditioner
brand to convert
from regular to
100% DUAL
Inverter

2017

2018

LG became
India's 1st*
DUAL Inverter
Window Air
Conditioner brand
with 5-Star ISEER
Energy Efficiency
Rating

LG became
India's 1st*
Air Conditioner
with **High**
Cooling Score
of 5

2019

2020

LG launches
India's 1st*
Black Fin
range of
Air Conditioners
with **4-in-1**
Convertible
Cooling

LG launches
India's 1st*
Air Conditioner
with **Super**
Convertible 5-in-1
Cooling, UV Nano
and Touch Free
Operation

2021

PLUS POINTS OF INNOVATION



ADDING INSPIRATIONS TO OUR INNOVATIONS

The revolutionary range of LG DUALCOOL Air Conditioners creates a positive impact with unseen unheard features and benefits, offering a balance of differentiation and value to our customers.



P PERFORMANCE



LG's one-of-a-kind DUAL Inverter Compressor for faster cooling, most savings and almost noiseless operation.



Fastest cooling for higher outdoor temperatures up to 52°C**.



R32, a highly efficient refrigerant with a lower global warming potential.



New Super Convertible 5-in-1 Cooling for uninterrupted cooling and superior savings.



100% Hi-Grooved Copper pipes for faster cooling and longer life.

L LONG LIFE



100% Ocean Black Fin for unbeatable protection against all weather and environmental conditions.



10-Year Warranty on compressor for increased efficiency.



Low Gas Detection for automatic detection, notification and shut down.

Advanced range of Stabilizer Free operation that prevents voltage fluctuations and adds up to savings & safety.



U USER CONVENIENCE



Powerful 4-Way Swing for uniform airflow and ventilation.

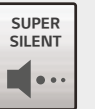


Cooling larger spaces faster and easier with larger skew fans and wider outlets.

LG's Hot & Cold Air Conditioner delivers comfortable air throughout the year.



Super silent functioning while delivering the most comfortable cooling.



S SMART

LG ThinQ

LG ThinQ Smart phone connectivity for effortless Touch-free operation & control.

Voice controlled operation with Amazon Alexa* in both App & AI speakers.



Voice controlled operation with Google Assistant* in both App & AI speakers.

H HEALTH



Sterilized, purified & deodorized air for 365 days.



Hygienic & easy to clean filter absorbs allergy causing substances, dust & mites and ensures that the air inside is free from any harmful air-borne particles.

Special filter coated with Cationic Silver Ions that deactivates up to 99.76% virus & up to 99.9% bacteria cleansing.



Unique Monsoon Comfort Technology efficiently controls the room temperature, air movement and humidity.



Images shown are for reference only, actual product may vary. Data shown above is under test conditions and may vary from model to model. *Google Assistant & Amazon Alexa are trademarks of their respective companies and the services are provided by them. LGEIL shall not be responsible for any change/removal regarding those services. **Cooling Capacity tested at 52°C ambient temperature.

INNOVATION AT WORK



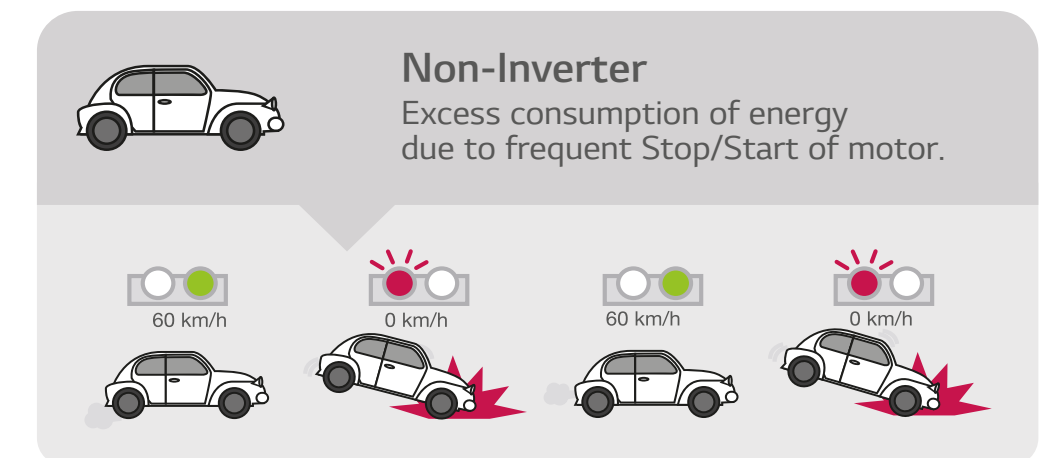
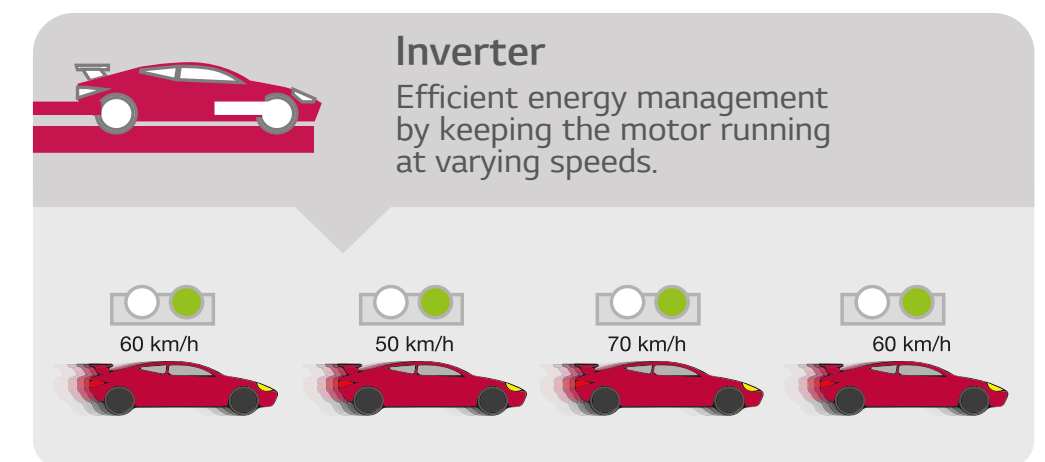
LG Inverter Air Conditioners come with Variable Tonnage Technology which reduces energy consumption and provides faster cooling. Powered with technologies pioneered by us, each Air Conditioner is crafted to ensure you an overwhelming experience and better life - total protection, maximum savings and complete comfort.

Step into the future with LG DUAL Inverter Air Conditioners.



HOW DOES INVERTER TECHNOLOGY WORKS?

LG Inverter Air Conditioners have Variable Tonnage Technology which adjusts the cooling as per the user requirement by automatically controlling the compressor speed. It automatically increases the cooling capacity to give faster cooling till the desired temperature is reached and reduces the tonnage thereafter, to provide energy savings.



LG DUALCOOL TECHNOLOGY



HOW DOES DUALCOOL TECHNOLOGY WORKS?

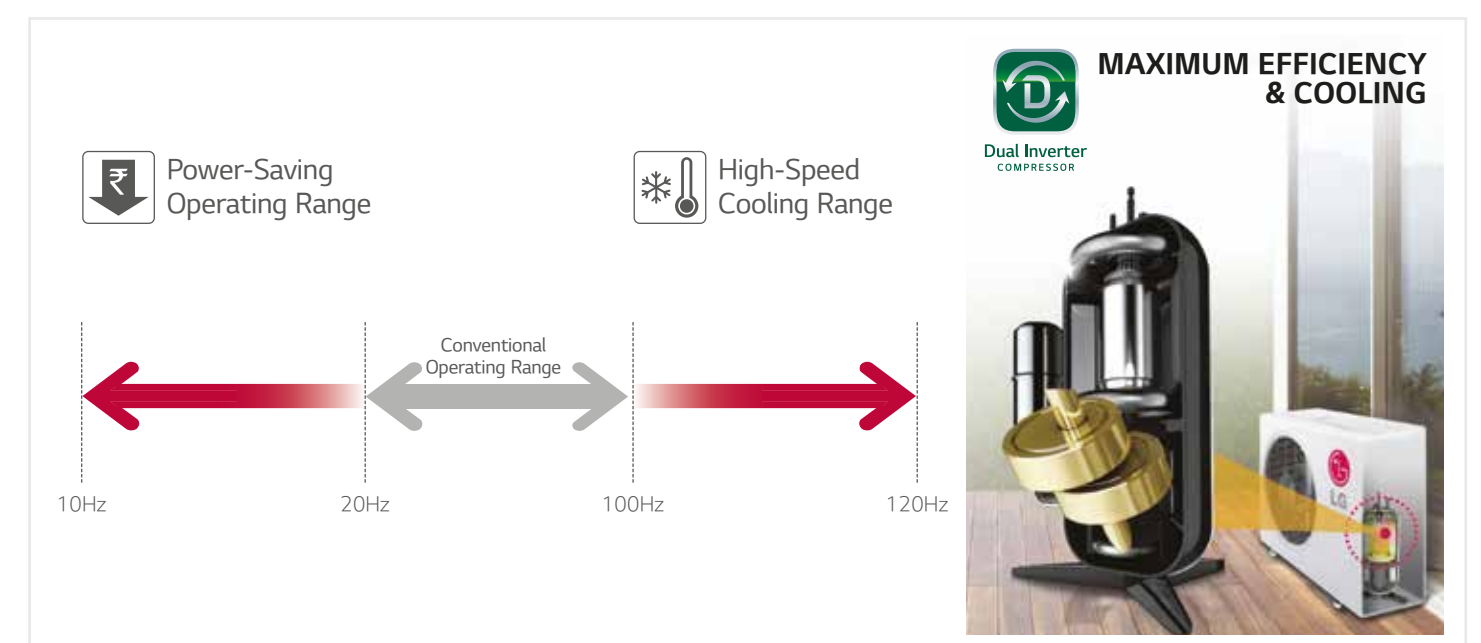
LG Air Conditioners with the DUALCOOL Technology have Varied Speed Dual Rotary compressors with wider rotational frequency range. Dual Rotors inside the compressor function in tandem to ensure faster cooling and more efficiency as well as drastic reduction in noise and vibration levels. It constantly adjusts the compressor's speed to maintain desired levels of temperature and assured savings – both power and electricity bills.

BENEFITS

- Faster Cooling**
 The speed and performance of the compressor is faster and more powerful, allowing the Air Conditioner to cool faster than conventional ones.
- Maximum User Comfort**
 The speed of DUAL Inverter Compressor is constantly adjusted and varied to maintain the desired temperature with minimal fluctuation.
- Reduced Operating Cost**
 DUALCOOL Technology minimizes energy loss and keeps the efficiency levels high to provide the most powerful air conditioning.
- Low Noise**
 LG's unique skew fans along with the DUAL Inverter Compressor enable its Air Conditioners to function at extremely low sound levels ensuring peace and comfort.

REDEFINITION OF INNOVATION

LG Air Conditioners with DUALCOOL Technology have Varied Speed Dual Rotary compressors that exhibits wider rotational frequency range. In a bid to rediscover the category of Air Conditioners, this technology brings you a product that carves a league of its own. With faster cooling and more savings, it has made possible a level of efficiency that none other can match.

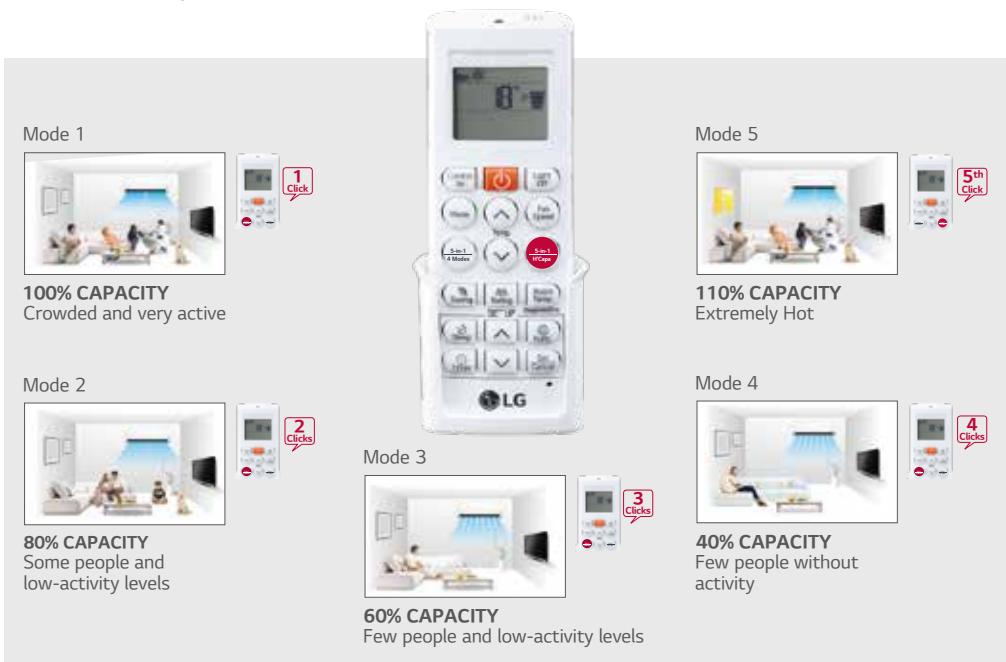


SUPER CONVERTIBLE 5-IN-1 COOLING



BENEFITS

- Super Convertible 5-in-1 Cooling governs the cooling capacity and helps to monitor electrical consumption.
- You can increase the capacity of AC whenever required for faster cooling.
- Dedicated keys to control.



*Mode 5 will be operational only for 30 minutes

User can control the capacity of AC as per the number of person or climatic condition for uninterrupted cooling and superior savings.

Technology is less useful if it doesn't cater to the ever changing human requirements. Such smartness makes it an integral part of our lives. LG Super Convertible 5-in-1 Cooling Air Conditioner is a perfect example of innovation that makes changes to our air conditioning requirements as and when required. The varied modes ascertain that optimum usage of energy is ensured without any compromise on the comfort quotient.



STEP AHEAD COOLING CONTROL

Especially post the pandemic times when people have started staying indoors more, cooling your home can be very expensive. By taking advantage of LG DUALCOOL AC with Super Convertible 5-in-1 Cooling Control, you can not only save a lot of energy by stepping down the cooling capacity from 100% to 80%, 60% or 40%, but even increase the cooling capacity to 110%* when faster cooling becomes most important.

PERFORMANCE AS PER USAGE

Remote Control	Key Type	Advantage	5-in-1 Setting	1.0x	1.5x	2.0x
	Key 2 (High Capacity)	High Capacity	110% Extremely Hot	1.1x	1.7x	2.2x
			Increase Capacity	4 Star : 3520W to 3850W 5 Star : 3470W to 3850W	4 Star : 5000W to 5500W 5 Star : 5000W to 5800W	3 Star : 6300W to 7000W
	Key 1 (Energy Saving)	Energy Saving	100% Hot	1.0x	1.5x	2.0x
			Power Consumption	4 Star : 1050W 5 Star : 938W	4 Star : 1550W 5 Star : 1465W	3 Star : 2065W
	Key 1 (Energy Saving)	Energy Saving	80% Summer	0.8x	1.2x	1.4x
			Reduce Power Consumption	4 Star : 820W 5 Star : 730W	4 Star : 1210W 5 Star : 1144W	3 Star : 1620W
	Key 1 (Energy Saving)	Energy Saving	60% Monsoon	0.6x	0.9x	1.1x
			Reduce Power Consumption	4 Star : 580W 5 Star : 516W	4 Star : 860W 5 Star : 806W	3 Star : 1140W
	Key 1 (Energy Saving)	Energy Saving	40% Autumn	0.4x	0.6x	0.7x
			Power Consumption	4 Star : 420W 5 Star : 375W	4 Star : 620W 5 Star : 586W	3 Star : 826W

HOT & COLD CONVERTIBLE



BENEFITS

- **Faster Cooling and Intelligent Heating**
The performance of the DUAL Inverter Compressor is very effective in all seasons delivering faster cooling and quicker heating with 4-Way Swing and Jet Mode without compromising on your comfort.
- **Powerful Performance**
It has a wider coverage and a longer air throw to cool or heat the room very quickly.
- **More Healthy**
HD Filter with Anti-virus protection helps to remove fine dust particles with Easy to Clean DIY "Ez Clean Filter" & Anti-Allergy filters remove the allergy causing microorganisms.
- **Extra Savings**
ISEER rating along with convertible 4-in-1 contribute to overall saving of electricity as well as money.
- **Longest Usage Tenure**
Assuring utmost comfort, LG Hot & Cold AC works throughout the year and through all seasons.

CONCEPT

LG proudly presents Hot & Cold Air Conditioner that delivers comfortable air throughout summers, winters and monsoons. It comes with the latest technology which ensures cool air in summers, warm air in winters and dry air in monsoons without compromising on your comfort.

WHY IS HOT & COLD AC A SMARTER CHOICE?

LG Hot & Cold Air Conditioner VS. Conventional Room Heater		
Comfort	True companion for all seasons	Can be used in winters only
Coverage	Longer air throw with wider coverage	Heats a limited area
Air Purification	Anti-Allergic Filter and Anti-Virus Protection for clean breathing air	No filter, moreover, reduces oxygen level and humidity
Safety	Completely safe	Hazardous and prone to accidents
Convenience	Remote Control for ease of use	Very heavy and bulky
Savings	Performance driven and low on power consumption	High power and cost consumption

BENEFITS OF LG HOT & COLD AC OVER CONVENTIONAL ROOM HEATERS

	LG Hot & Cold AC	Heat Convector	Oil Heater
Power	1580W	2000W	2900W
Units of Electricity Consumed	1138 Units	1440 Units	2088 Units
Running Cost Per Year	₹7963	₹10080	₹14616
Running Cost for 5 Years	₹39816	₹50400	₹73080

ECO SUPER CONVERTIBLE



BUILT-IN AIR PURIFIER



CONCEPT

The alarming rate of air pollution and contamination in Indian cities is resulting in serious implications for all. A massive scale air purification network has become a necessity. Understanding the need of the hour, LG Air Conditioners with in-built UV Nano Technology and Air Purifier in selected models help purifying the indoor air from outdoor harmful micro organisms, viruses, dust, pollen, pet dander, particulate matter, smoke, smog, odor and so on.



HOW IT WORKS?

MODE 1

Detecting Indoor Dust Concentration

As AC turns on, PM1.0 sensor automatically switches on by sensing microscopic dust.

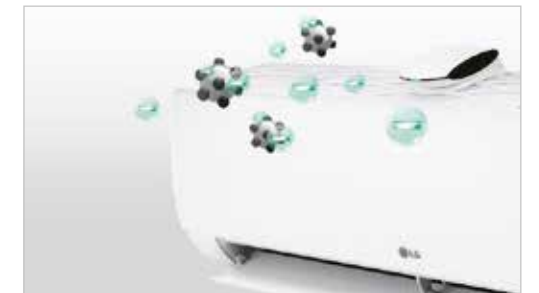
To refresh indoor air quality, the air purifying system starts without additional maneuver.



MODE 2

Ion Diffuser

5 million negative ions are emitted into the air, attach to the microscopic particles and effectively clean gas pollutants and purify indoor air.



MODE 3

Filtration System

Effective particle capture.

(Dust Filter / Micro Dust Filter)

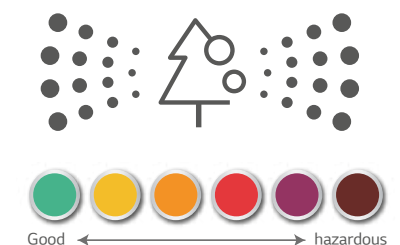


MODE 4

Display - Indoor Dust Quality

Display total IAQ (4 or 6 colors).

* IAQ : Indoor Air Quality

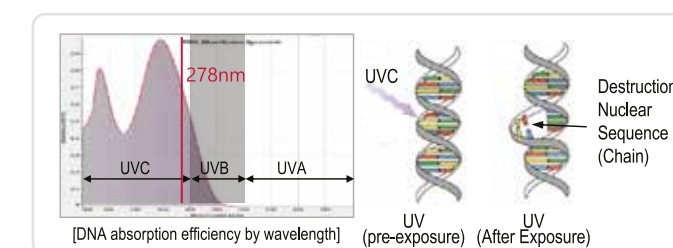


BENEFITS

- Sterilized & Deodorized Air For 365 Days.
- Air Filtration System to keep micro-organisms, dust and allergens away, while letting in fresh, clean and healthy air in every season.
- Up to 99.99% indoor air purification



UV Nano uses ultraviolet light to sterilize the fan and prevent 99.99% of germs from adhering to its surface. This process makes the air blown through the unit that much purer and fresher.



UVC inactivates and prevents bacterial growth over 99.99% in the fan that creates the wind and always keeps the air clean.

- Sterilized germ free air every time that destroys microorganisms by damaging their DNA
- Dedicated remote key to turn On/Off
- Convenient LED indication on IDUs
- UVC type of LEDs has a longer life compared to conventional UV Lamp



UV Nano keeps your fan 99.99%* bacteria-free for a cleaner breeze

Ultraviolet light is a form of radiation which cannot be detected by the human eye. It is an invisible part of the 'electromagnetic spectrum'. UVC is a lower range of UV light which does not affect the human body and is commonly known to inactivate bacteria and other micro-organisms.

[illegible]

Antibacterial logics with UV LED lights mounted on model, S3NM12JL1GA, sterilize bacteria as below table at measuring points of blower fan.

Sterilization Efficiency Rate	
<i>Staphylococcus aureus</i>	> 99.99 %
<i>Staphylococcus epidermidis</i>	> 99.99 %
<i>Klebsiella pneumoniae</i>	> 99.99 %

LG THINQ CONNECTIVITY



LG ThinQ smart platform is a future ready app which allows much more than basic AC control.

Easily monitor and control your Air Conditioner at anytime and from anywhere with LG's exclusive home appliances control app on your smartphone.



HOW IT WORKS?

Voice Control

LG DUALCOOL ThinQ models are compatible to your smart-phones and AI speakers, such as Google Assistant or Amazon Alexa. From now on, you don't have to press a button, just say instead. LG will do the rest.

Touch-free Operation

Monitor and control your Air Conditioner using the ThinQ app on your smartphone or hands-free with Amazon Alexa or the Google Assistant. Get a complete touch-free experience for unmatched convenience and comfort.

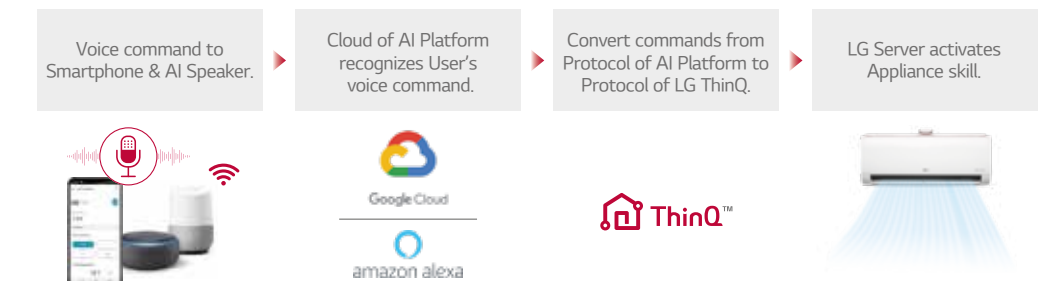
Various Access Points

Don't worry about the AC remote. LG Air Conditioners can be controlled by various ways and means.

Smart Convenience

Switch on and adjust an LG AC even before entering home.

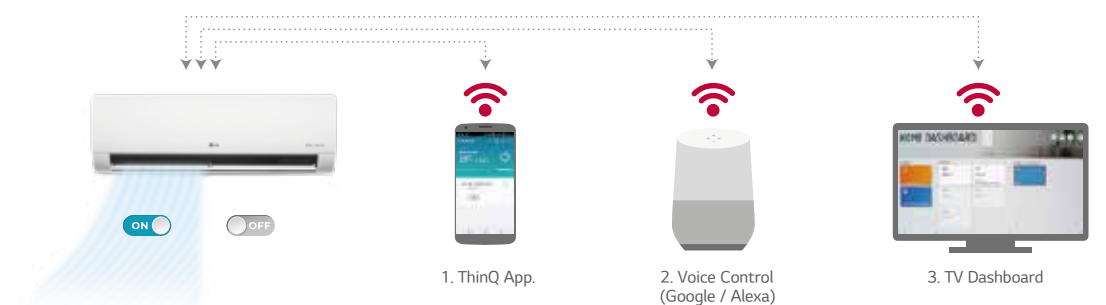
Voice Control



Various Access Points

Wireless Connectivity

Access your air conditioner at anytime and from anywhere with a smart device and LG ThinQ application.



Smart Convenience

Smart Control

Access your air conditioner at anytime and from anywhere with a smart device and LG ThinQ application.

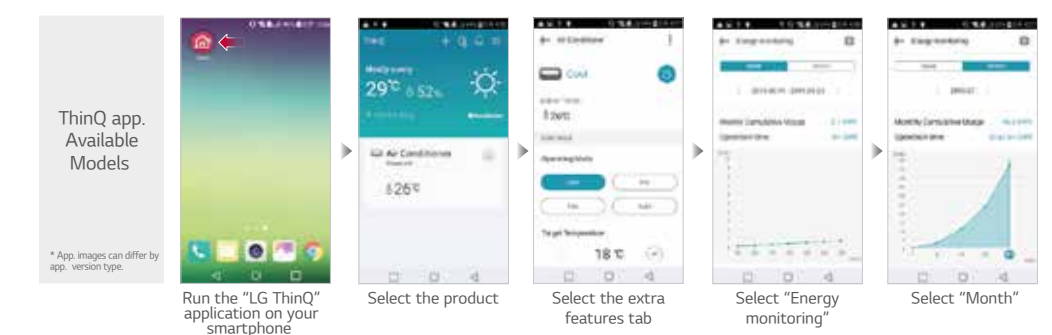


Scheduler

Set & time your air conditioner according to your convenience.



Smart Savings & Monitoring



HD FILTER WITH ANTI-VIRUS PROTECTION



Today's world proves health, hygiene and wellness to be most essential for our civilization. The increase in awareness about health and hygiene in general is phenomenal. Our habits have also evolved for good.

But what about air quality? Unfortunately, the air we breathe is in the grip of pollution amidst the ongoing pandemic. An astonishing number of bacteria are circulating in our atmosphere.

Since most of us are inside our homes lately, it is very important to keep the indoor air free from any air-borne viruses and pathogens. It has become imperative to install devices which have high efficiency filtration which can not only capture bacteria and microorganisms but also eliminate them to sanitize and purify the indoor air.

HOW IT WORKS?

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.



Anti Virus Coating on Inlet Filter

Step 1

Microorganisms comes in contact with Cationic Silver Ions



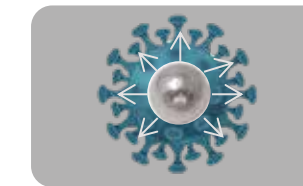
Step 2

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



TEST RESULTS

- Tested by ISO 21702:2019 Standard.

BENEFITS

- HD Filter with Anti-Virus[™] & Bactericidal Protection (Cationic AgNPs Technology) provides satisfactory and long-lasting protection against viruses, fungi, mold and bacteria.
- It also removes harmful substances such as pollen, pet dander, dust mites and particles as small as 10 micro meter in size from air in circulation.

[#] Tested as per ISO 21702: 2019 on MS2 Bacteriophage (an RNA virus of the family Leviviridae). MS2 Bacteriophages are used as a surrogate virus (particularly in place of Picornaviruses such as Poliovirus and human Norovirus). Due to individual sensitivities, the results of one test virus might not be applicable for other viruses.

^{##} The filter is not a substitute to the mandatory precautions prescribed by the government such as wearing masks, social distancing, usage of hand sanitizers & surface hygiene practices

^{*} Tested as per JIS Z 2801: 2010 on Staphylococcus aureus ATCC 6538 & Escherichia coli ATCC 8739. For Escherichia coli ATCC 8739 reduction up 99.69%.

ANTI-ALLERGY FILTER



COOLS AT 52°C

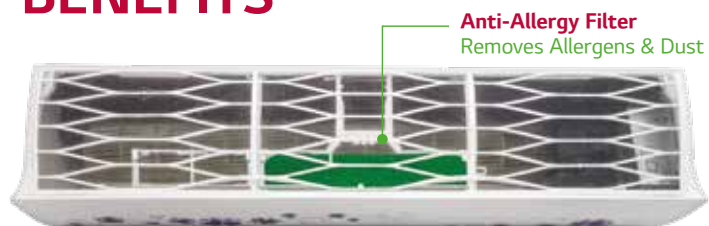


LG DUAL Inverter Air Conditioners with Anti-Allergic Filtration System ensures that the air inside your home is free of various harmful particles such as hair, dust mites, pollen, fungi spores, bacteria, exhaust fumes and smoke.

Anti-Allergy Filter* absorbs substances that can cause allergies. As the air conditioner absorbs indoor air, it will remove all allergy-causing substances, such as house dust and mites floating in the air.



BENEFITS



- The filter absorbs allergy causing substances, dust & mites floating in the air.
- The filters are hygienic and easy to clean.



The fierce sunny days will now turn into the most comfortable days with LG's DUALCOOL Inverter Air Conditioners.

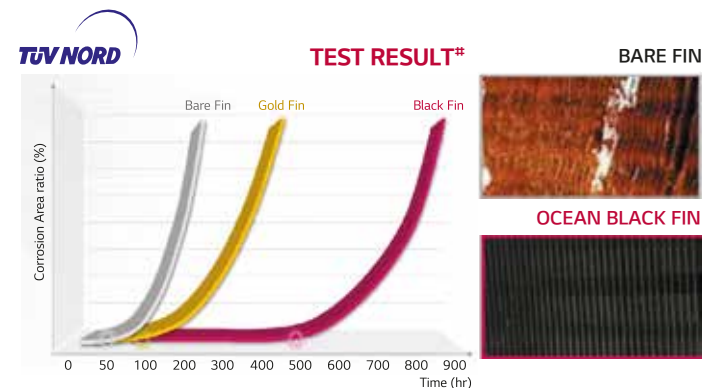
CONCEPT

In a tropical country, such as India, many parts of the nation witness temperatures rising above 48°C. Such conditions of scorching heat render many Air Conditioners useless as they stop functioning.

However, LG Air Conditioners with their superior technology keep you cool even when the temperature outside rises up to 52°C*. Be rest assured of comfortable surroundings even at very high temperatures, only with LG's DUALCOOL Inverter Air Conditioners.



OCEAN BLACK FIN*



Post test results clearly show the strength of Ocean Black Fins against rusting. Where the Bare Fin & Golden Fin started rusting in 50 Hrs & 100 Hrs respectively, the Black Fin withstood even after 500 Hrs.

BENEFITS


PLUS

= 2
(
 + Durability
 + Anti-Corrosion
 + Cooling
 + Cost Savings

100% COPPER WITH OCEAN BLACK PROTECTION

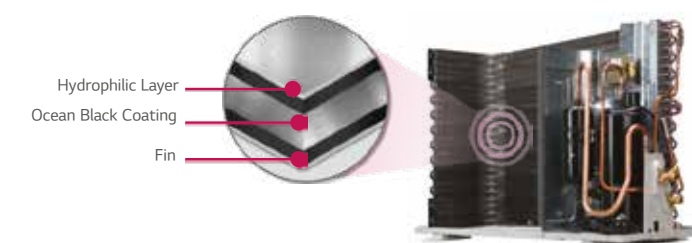


HOW IT WORKS?

In order to offer unbeatable protection against humidity, dust, sand, smoke and chemicals present in environment, LG DUALCOOL Air Conditioners come with Ocean Black Fins. This helps to attain increased lifespan for your air conditioners and ensures superior performance compared to conventional fins.

The ocean black coating is sandwiched between the fins and top hydrophilic layer. Not only this, we have increased the thickness of both Fins & the Hydrophilic layer.

CROSSCUT VIEW OF HEAT EXCHANGER



Special Ocean Black Protection applied to both Indoor & Outdoor unit provides exceptional durability for the air conditioner in typical Indian regions affected from sand, salt, industrial smoke and pollutants.

Polluted air mixed with sand and salt can cause extensive corrosion to air conditioner, but LG's special Ocean Black Protection ensures an extended lifespan with lower operation cost.

LG's special Ocean Black Protection over evaporator coil and heat exchanger is far superior than other conventional air conditioner's coating. Double sided protection prevents the corrosion of critical parts and extends the life of air conditioner.

HOW IT WORKS?

Enhanced durability results in reliable cooling and reduced maintenance Cost.



Prevents from Rust and Corrosion

Double sided anti-corrosion Ocean Black Protection that protects the Air Conditioner from rust and corrosion caused by harsh Indian weather conditions or industrial pollution



Increases Durability

Extend the lifetime of Air Conditioner by making the evaporator and heat exchanger corrosion resistant



Uninterrupted Cooling

Enabling consistent cooling and a pleasant environment



Cost Saving

Cost incurred on regular maintenance can be curtailed



HI-GROOVED COPPER



High grooved copper pipes serve dual benefits of better heat dissipation of refrigerant & increasing the durability of pipe.

BENEFITS

- Inner grooved structure enables the oscillatory movement for better heat dissipation as it increases travel time of refrigerant within pipes.
- Grooves also strengthens the overall pipe structure because of which they can withstand in high pressure.
- More efficient heat transfer, withstand higher pressure long term durability.

	Plain	Grooved	Hi-Grooved
		★ ★ ★	★ ★ ★ ★ ★
Groove Height	NA	0.1mm	0.18mm
Per Meter Weight	30gm	47gm	53gm

PLAIN COPPER TUBE



Refrigerant Flow in Plain Copper Pipe



Refrigerant quickly flow out due to high speed straight line movement

HI-GROOVED COPPER TUBE



Refrigerant Flow in Hi-Grooved Copper Pipe



Grooved Structure helps in agitated refrigerant movement and lower down the refrigerant movement within copper pipe

ENVIRONMENT-FRIENDLY R32 REFRIGERANT



R32 is a highly efficient refrigerant with a lower global warming potential as compared to R410A, a commonly found refrigerant in residential air conditioners.

HOW IT WORKS?

If compressor is the heart of AC then the refrigerant is the blood. The heat is transferred between indoor & outdoor due to circulation of refrigerant. Eco-friendly Refrigerant (R32) has better heat dissipation, it gives better result in lower quantity & also has remarkable lower environmental impact



R32 (Diflorometane) is an organic compound



It requires 20% less gas charge



Powerful cooling & higher efficiency

BENEFITS

Zero Ozone Depletion (ODP) & Lower Global Warming Potential (GWP). The quantity of R32 refrigerant required is appreciably lower compared to the R410A refrigerant. Consequently, this results in decreasing the potential of global warming. Comparative case studies of the different refrigerants are indicated in the table and chart as below:

	R22	R410A	R32
ODP	Medium	Nil	Nil
GWP	Mid	High	Low

LOW GAS DETECTION



LG Air Conditioners are designed to detect low gas levels which can leave the room hot and uncomfortable.

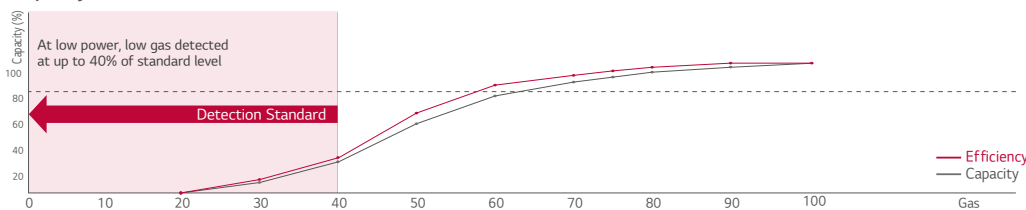
BENEFITS

LG Air Conditioners are designed to detect low gas levels which can leave the room hot and uncomfortable.

Low Gas Detection has several benefits, be it reducing inconvenience while trouble shooting or increasing durability which in return increase air conditioner's life.

- Increase the lifespan of your Air Conditioner
- Easy trouble shooting
- Reduce inconveniences

Capacity and Effectiveness of the Gas Levels



Easy Notification of Low Gas Levels*

When low gas level is detected, "CH 38" is clearly displayed on the air conditioner for timely maintenance and refilling.

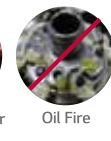
*Low gas detection indication (LED) appears on ODU first after an hour CH 38 appears on IDU



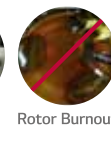
Longer Life for Compressor



Inside Insulator Melting



Oil Fire



Rotor Burnout



PCB Failure

Avoid above conditions due to low gas level

STABILIZER FREE PLUS



CONCEPT

Compressor is the most important component of an air conditioner. LG's enhanced stabilizer-free plus operation prevents voltage fluctuations without compromising on the safety, savings and comfort.

BENEFITS

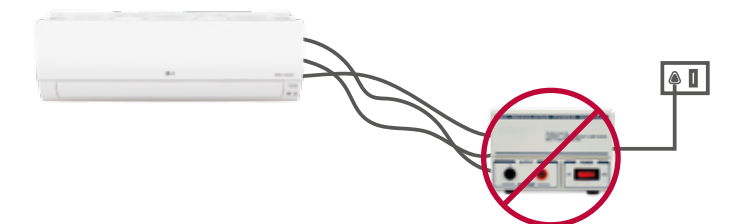
SAFETY PLUS - Improved larger voltage free range
The range has been increased from 145V-290V to 120V-290V



SAVINGS PLUS - Saves the additional cost of stabilizer



AESTHETICS PLUS - No bulky stabilizer & ugly wires



Tested by Intertek



*Worth Value is the perceived value of stabilizers available in market as per their average price. If the voltage fluctuation is more than 120V-290V then stabilizer is required.

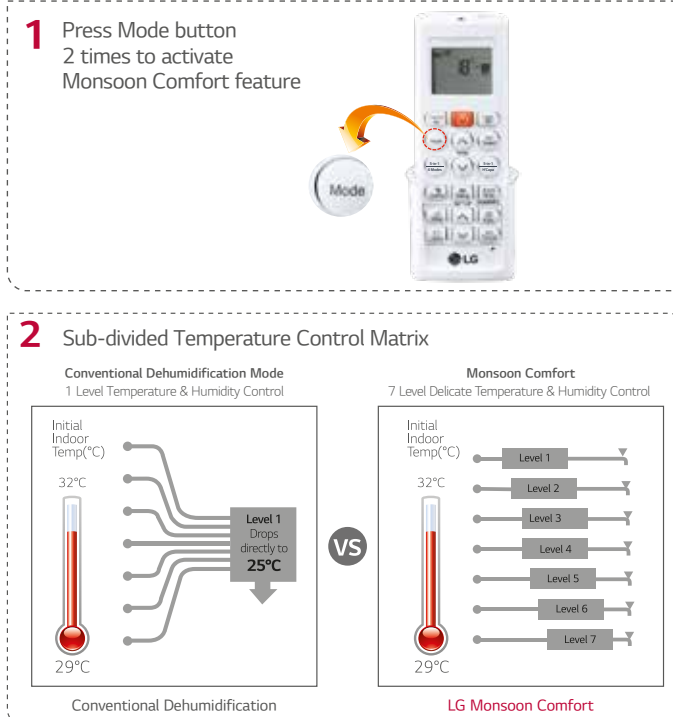
MONSOON COMFORT TECHNOLOGY



LG Air Conditioners with the unique Monsoon Comfort Technology* efficiently control the room temperature, air movement and humidity inside the room, to provide comfortable cooling and greater energy savings even in humid conditions.

HOW IT WORKS?

Using the sub-divided Temperature Control Matrix, the Air Conditioner will automatically sense the ambient temperature and optimally adjust the indoor temperature for maximum comfort while reducing the power consumption. During monsoons, as the temperature in the room varies between 29°-32° Celsius, the Monsoon Comfort Technology creates a comfortable indoor environment and eliminates the need for manual adjustment.



CONCEPT

During monsoons, conventional dehumidification mode makes the indoor temperature too low and consumes more energy. But with the simple press of a dedicated Monsoon Comfort key on remote, the 7 Level Temperature Control System in the Air Conditioner automatically adjusts the indoor temperature for maximum comfort and saves up to 36.4% energy as compared to conventional dehumidification mode.

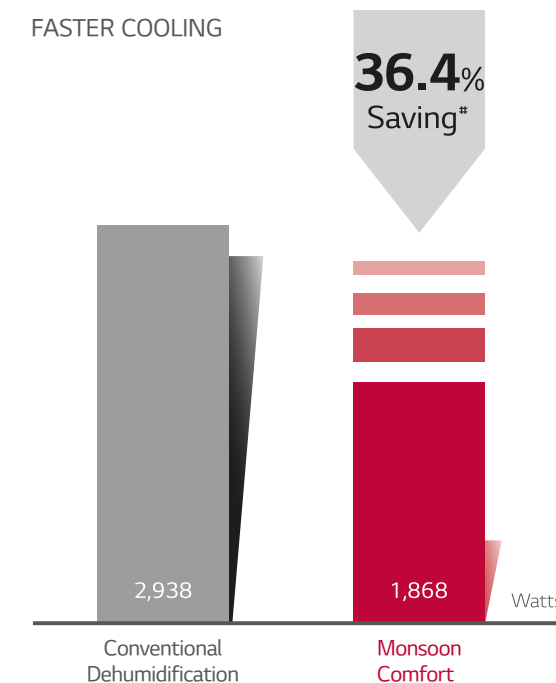
Problems Faced With Conventional Dehumidification Mode



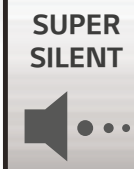
BENEFITS & CERTIFICATE

With the use of Monsoon Comfort Technology in humid conditions, pleasant temperature levels are maintained and energy is saved.

FASTER COOLING



SUPER SILENT



CONCEPT

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

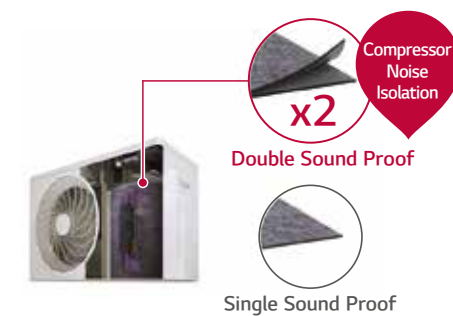
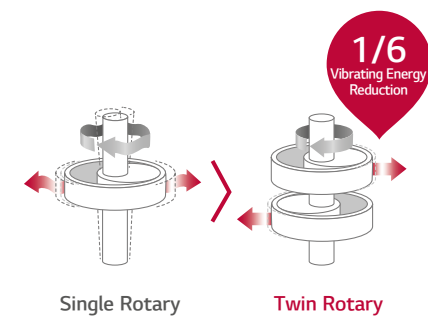
- Increased concentration
- Sound and comfortable sleep
- Less vibration, less stress

HOW IT WORKS?

- Indoor Noise Reduction

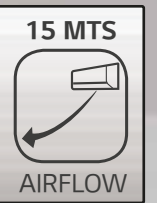


- Outdoor Compressor Noise Reduction



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

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

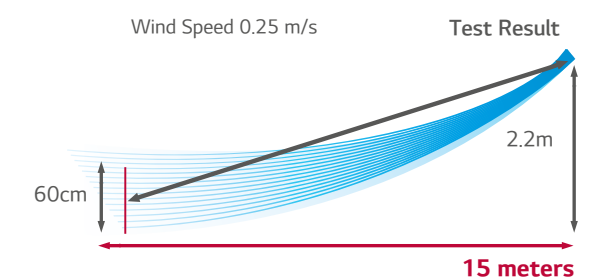
25% larger skew fan expels more powerful blast of cool air up to 15 meters.

Wider Outlet

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



TEST RESULT & TEST VERIFICATION REPORT



Test Specification

Ambient temperature : 25±3 |
Voltage: 220-240V-
Test Method: 33919-4520-4701
"LG Air Flow Analysis Standard"

SMART DIAGNOSIS VIA SMARTPHONE



Change the way you think, get smart things done when you have LG ThinQ app around. Conveniently check and troubleshoot air conditioner related problems directly from your smartphone.

HOW IT WORKS?

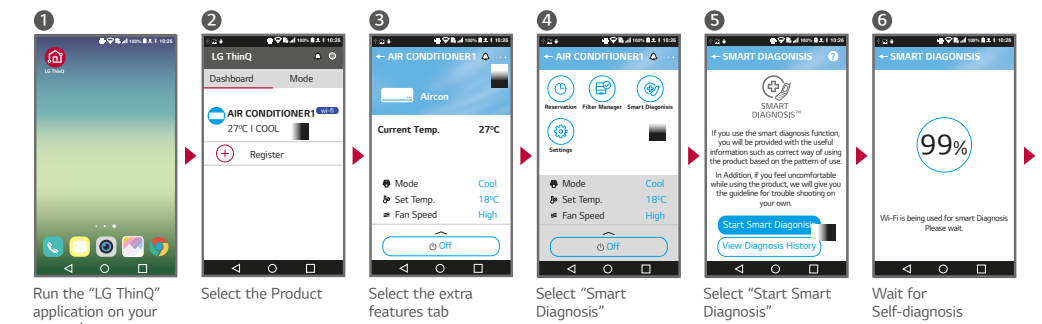
Using Smart Diagnosis

Clicking Start Smart Diagnosis in the LG ThinQ app empowers you to monitor and check the entire Air Conditioner conveniently over your smartphone. Easy to understand error notifications and remote diagnosis help you correspond with the nearest LG service centre and solve the problem instantly.



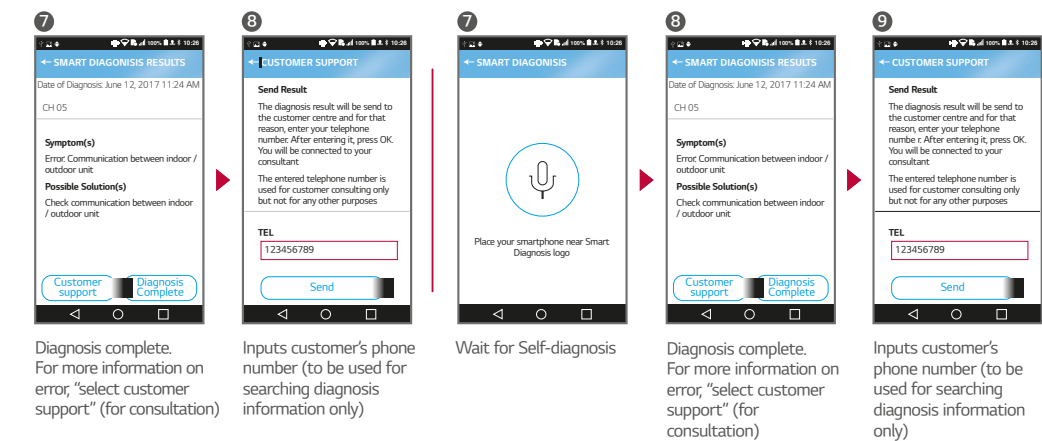
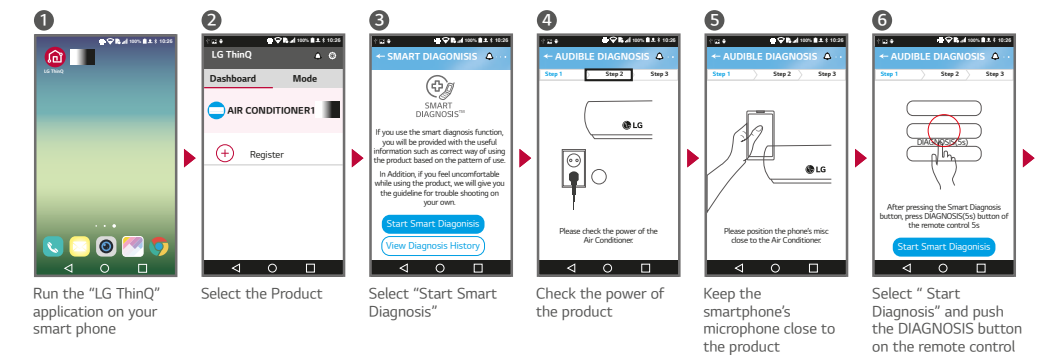
Case 1 Wi-Fi Available Models

*App image can differ by app version type.



Case 2 Wi-Fi Unavailable Models

*App image can differ by app version type.



BENEFITS

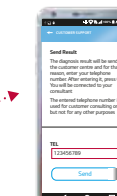
*Remote Diagnosis

Conveniently send diagnosis information to a specialist



LG Call Center (CIC)
Installer and SVC

LG ThinQ



Consumer

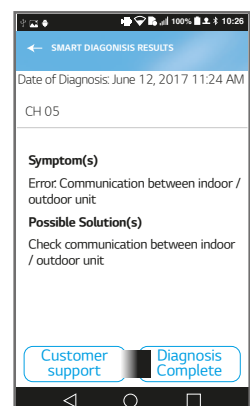


Reduces the downtime of machine

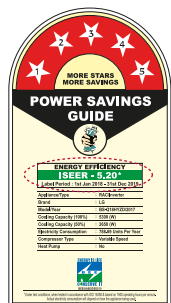
Errors are automatically detected and instant notification is sent to the user

Self-Diagnosis

Conveniently check the error code, the symptom and the possible solution



SUPER 5-STAR AIR CONDITIONERS



Get exploited. Have the lavish luxury of cool air and save enough for the future. LG's latest Super 5-Star Air Conditioners with 5.2 ISEER rating improve efficiency by 11% as compared to conventional 5-Star Air Conditioners with 4.7 ISEER rating.

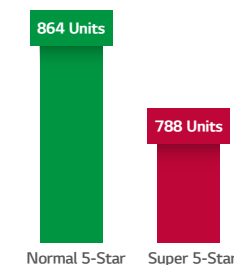
BENEFITS

- Super 5-Star Inverter Air Conditioner comes in bigger outdoor sizes.
- Consumes up to 10% less energy with respect to normal 5 Star Inverter AC.
- Super 5-Star comes with 5.2 ISEER Rating.

Improved Efficiency Vs. Normal 5-Star



Less Energy Consumption



BIGGER OUTDOOR SIZE



*Applicable in HY Series Models MS-Q12HYZD & MS-Q18HYZD

UNMATCHED QUALITY AND SERVICE

LG Air Conditioners are equipped with state-of-the-art technologies that meet international quality standards. Each component is made using a digitalized manufacturing process and tested at our in-house facilities for the ultimate performance and efficiency.



EXCEPTIONAL AFTER SALES SERVICE

LG Air Conditioners are designed to meet and exceed your expectations. With innovations that deliver maximum comfort and backed by exceptional after sales service, LG Air Conditioners today have over 12 million happy LG Air Conditioner customers. The latest range is yet another chapter in the story of continuous innovation.

TESTING FACILITY

LG understands the importance of energy saving and product durability. That's why we have invested in an in-house test facility that ensures high energy efficiency and long product life

-NABL Accredited Test Chambers.



Psychrometric Lab



Balanced Lab

PARTS RELIABILITY TEST

All product parts at LG undergoes the most stringent test as per Indian conditions before they are assembled in the air conditioner.



Noise Testing Chamber



Environmental Testing Chamber

ANYTIME ANYWHERE SERVICE

All-India network of service centres is available for our customers. The unique 2.1.1 promises complete peace of mind by offering you a timely response to any problem you may face with the air conditioner, both during the warranty and post-warranty periods.

2 HRS	1 DAY	1 HR
Call back to customer	Service engineer visit	Promised time slot

For any queries call: 1800-180-9999 (Toll Free)

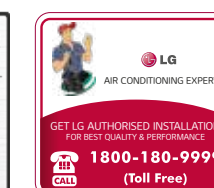


LG AUTHORIZED INSTALLATION ADVANTAGE

- Superior Cooling
- No Water Dripping
- Free Service during Warranty
- High Quality Piping
- Minimum Noise & Vibration



*Gas charges included



21 REASONS TO BUY LG DUALCOOL



DUALCOOL INVERTER COMPRESSOR

LG's DUAL Inverter is eon ahead of its conventional counterparts and makes it possible for your air conditioner to cool faster, last longer and run quicker.



10-YEAR WARRANTY ON COMPRESSOR

With LG's 10-Year Warranty, you can enjoy cool fresh air for a relatively longer period of time.



SUPER CONVERTIBLE 5-IN-1 COOLING

New Super Convertible 5-in-1 Cooling for uninterrupted cooling and superior savings.



UV NANO

Ultraviolet radiation of UVC wavelength directly damages the DNA of micro-organisms & bacteria.

LG ThinQ

LG THINQ

Easily monitor and control your AC at anytime and from anywhere with LG's exclusive home appliances control app on your smartphone.



4-WAY SWING

Latest & powerful 4-Way Swing for uniform airflow and ventilation.



ANTI-ALLERGIC FILTER

Ensures that the air inside your home is free from allergens like dust mites, hair, pollen, bacteria, etc.



HD FILTER WITH ANTI-VIRUS PROTECTION

Special anti-virus coating to inactivate and destroy virus & bacteria.



15-METER AIRFLOW

Experience cool and comfortable air up to 15 meters away.



COOLS AT 52°C

LG's Air Conditioners can effectively save up to 50% of running cost and are designed to perform even at high temperatures up to 52°C.



OCEAN BLACK FIN

Latest 100% Ocean Black Fin for unbeatable protection against all weather and environmental conditions.



OCEAN BLACK PROTECTION

LG's Ocean Black Protection ensures the Air Conditioner is protected against all-weather conditions.



LOW GAS DETECTION

New Low Gas Detection for automatic detection, notification and shut down.



100% COPPER

LG's 100% Copper enhances durability with reliable cooling and reduced maintenance cost.



HI-GROOVED COPPER PIPES

100% Hi-Grooved Copper Pipes for faster cooling and longer life.



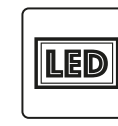
STABILIZER FREE PLUS

Advanced range of stabilizer free plus operation that prevents voltage fluctuations and adds up to savings & safety.



100% COMFORT AIR

LG Air Conditioners ensure cool, healthy and super comfortable air for everyone.



100% MAGIC DISPLAY

LG Air Conditioners with Magic Display help you check every detail with complete clarity. It becomes invisible when not in use.



Ez CLEAN FILTER

Unique design which makes filter cleaning very easy & hassle free.



MONSOON COMFORT

Monsoon Comfort Technology for comfortable cooling and greater power savings even in humid conditions.



ENVIRONMENT FRIENDLY REFRIGERANT R32

LG's Air Conditioner uses Refrigerant R32 which has zero ODP & lower GWP compared to other refrigerants.

WINDOW INVERTER AC WITH DUALCOOL TECHNOLOGY



Ocean Black Protection

Ensures that the air conditioner provides protection in typical Indian regions affected from sand, salt, industrial smoke & pollutants.

Prevent from Rust and Corrosion

Anti-corrosive Ocean Black Protection on the front side protects the AC from rust and corrosion.

Uninterrupted Cooling

Enable consistent cooling and a pleasant environment.

Increase Durability

Extend the lifetime of AC by making the copper pipes corrosion resistant.

Cost Savings

Curtail the cost incurred on regular maintenance.

CONCEPT

LG DUALCOOL Window AC with DUAL Inverter technology ensures faster cooling and more durability with minimum energy consumption.

BENEFITS

Stabilizer Free Operation

As LG's stabilizer free technology ensures you savings, it also provides hassle free installation and enhances the aesthetics of your room by having less wiring installation.

Stabilizer Free Operation protects the vital components of the machine from power fluctuations. With this function, installing a stabilizer becomes needless (145~290V). However, if power fluctuation is beyond the mentioned limit then a stabilizer is required.



LG ThinQ & Voice Control (Touch-Free)

Easily monitors and controls the Air Conditioner at anytime and from anywhere. Start or stop cooling, change the mode or set the temperature while on the go completely touch-free.



Top Air Discharge

Top discharge outlet and wider air flow helps in quick and uniform cooling throughout the life-space.



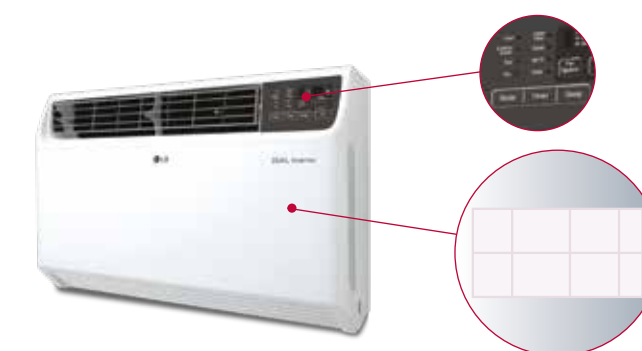
Window Inverter AC



Conventional Window AC

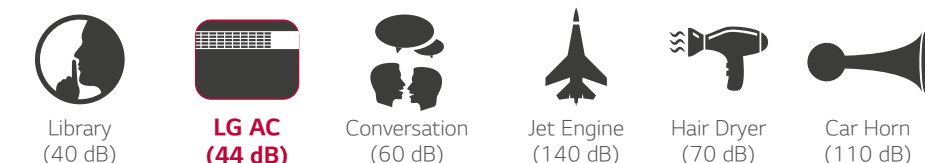
Clean Filter Indicator

Timely notifications help in maintaining a clean and healthy filter.



Super Silent Operation

Almost noiseless operation ensures complete peace of mind and comfort. Ensures 7 hours to 8 hours of sleep for longer life, better memory, weight loss and a stronger immune system.



MODEL



HOT & COLD CONVERTIBLE

VN SERIES (HOT & COLD)



LS-H12VNXD
LS-H18VNXD
LS-H24VNXD1



- DUAL Inverter Compressor
- Convertible 4-in-1 Cooling
- 4 Way Swing
- Anti Allergy Filter
- Anti Virus Protection

ECO SUPER CONVERTIBLE 5-IN-1

AIR PURIFIER SERIES



MS-Q18APZE
MS-Q18AUZE



MS-Q12APYE



MS-Q24APXE



- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- LG ThinQ: Wi-Fi Monitoring
- Voice Control with Amazon Alexa & Google Assistant
- PM 1.0 Sensor
- UV Nano Air Sterilization System*

*Available only in MS-Q18AUZE

ULTRA SUPER CONVERTIBLE 5-IN-1

UV NANO SERIES



MS-Q12UVZA
MS-Q18UVZA



MS-Q18UVYA



MS-Q12UVXA
MS-Q18UVXA



- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- 4 Way Swing
- Anti Virus Protection
- UV Nano Air Sterilization System

MODEL



SMART SUPER CONVERTIBLE 5-IN-1

HY SERIES



MS-Q12HYZD
MS-Q18HYZD



- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- LG ThinQ: Wi-Fi Monitoring
- Voice Control with Amazon Alexa & Google Assistant
- 4 Way Swing
- Anti Allergic Filter

SW SERIES



MS-Q12SWZD
MS-Q18SWZD



- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- LG ThinQ: Wi-Fi Monitoring
- Voice Control with Amazon Alexa & Google Assistant
- 4 Way Swing
- Anti Allergic Filter

GW SERIES



MS-Q18GWZD



- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- LG ThinQ: Wi-Fi Monitoring
- Voice Control with Amazon Alexa & Google Assistant
- 4 Way Swing
- Anti Allergic Filter

MODEL



SUPER CONVERTIBLE 5-IN-1

SN SERIES



MS-Q18SNZA

- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- 4 Way Swing
- Anti Virus Protection



GN SERIES



MS-Q18GNZA

- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- 4 Way Swing
- Anti Virus Protection



FN SERIES



MS-Q18FNZD

- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- 4 Way Swing
- Anti Allergic Filter
- Anti Virus Protection



MODEL



SUPER CONVERTIBLE 5-IN-1

WN SERIES



MS-Q18WNZA

- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- 4 Way Swing
- Anti Virus Protection
- Comfort Air



KN SERIES



MS-Q12KNZA
MS-Q18KNZA



MS-Q12KNYA
MS-Q18KNYA

- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- 4 Way Swing
- Anti Virus Protection
- Auto Clean



HN SERIES



MS-Q12HNZA
MS-Q18HNZA



MS-Q12HNYA
MS-Q18HNYA



MS-Q24HNXA

- DUAL Inverter Compressor
- Convertible 5-in-1 Cooling
- 4 Way Swing
- Anti Virus Protection
- Auto Clean



MODEL



WINDOW DUAL INVERTER



JW-Q12WUZA
JW-Q18WUZA
JW-Q24WUZA

- DUAL Inverter Compressor
- LG ThinQ: Wi-Fi Monitoring
- Voice Control with Amazon Alexa & Google Assistant
- Top Air Discharge
- Clean Filter Indicator



JW-Q18WUXA1
JW-Q18WUXA2

- DUAL Inverter Compressor
- Top Air Discharge
- Clean Filter Indicator
- HD Filter
- Low Gas Detection

SPECIFICATIONS

			Hot & Cold Convertible		
Series Name			VN		
Model/Performance			LS-H12VNXD	LS-H18VNXD	LS-H24VNXD1
Star Rating*			3 Star	3 Star	3 Star
Capacity	Cooling/Heating (Rated)	W	3500/3700	5200/5400	6300/6400
	Min-Max	W	520-3750	900-5800	1100-7000
Energy Efficiency	ISEER Value	Kwh/Kwh	3.90	3.96	3.96
Annual Power Consumption	As per BEE Label	KWh (units)	695.29	1015.70	1230.49
Air Circulation	In/Out	CFM	425/989	653/1236	670/1730
Noise Level	Indoor	dB (A)	21	31	32
Moisture Removal	Air Circulation Max	(l/hr)	1.3	1.8	2.4
Electrical					
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Voltage/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50
Power Input	Cooling/Heating (Rated)	W	1140/1000	1780/1580	2060/2100
Running Current	Cooling (Rated)	A	6.0/5.90	8.2/7.2	9.4/9.6
Temperature Range	Cooling (Min-Max)	°C	16-52	16-52	16-52
	Heating (Min-Max)	°C	-5 to +24	-5 to +24	-5 to +24
Key Features					
DUAL Inverter Compressor			✓	✓	✓
Super Convertible 5-in-1 cooling			×	×	×
UV Nano			×	×	×
PM1.0 Sensor & Ionizer			×	×	×
LG ThinQ (Wi-Fi)			×	×	×
Voice Control with Amazon Alexa			×	×	×
Voice Control with Google Assistant			×	×	×
Air Swing			4 Way	4 Way	4 Way
Anti Allergic Filter			✓	✓	✓
HD Filter with Anti Virus Protection			✓	✓	✓
15 meters Air Throw			×	✓	✓
Cools at 52°C			✓	✓	✓
Other Features					
Ocean Black Fin Anti Corrosive			✓	✓	✓
Ocean Black Protection			✓	✓	✓
Ez Clean Filter			✓	✓	✓
Low Gas Detection			✓	✓	✓
100% Copper Condensor			✓	✓	✓
6 Fan Speed			✓	✓	✓
Hi-Grooved Copper			✓	✓	✓
Stabiliser Free Operation			✓	✓	✓
Smart Diagnosis System			✓	✓	✓
Comfort Air			✓	✓	✓
Magic Display			✓	✓	✓
Monsoon Comfort/Fresh Dry			✓	✓	✓
Self Diagnosis			✓	✓	✓
Auto Clean			✓	✓	✓
On/Off Timer			✓	✓	✓
Sleep Mode			✓	✓	✓
Auto Restart (Memory)			✓	✓	✓
On/Off Indicator			✓	✓	✓
DIMENSION & WEIGHT					
Dimension	Indoor (W x H x D)	mm	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
	Outdoor (W x H x D)	mm	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
Net Weight	Indoor	kg	8.4	11	11
	Outdoor	kg	24.5	32	41

SPECIFICATIONS

			Eco Super Convertible 5-in-1			
Series Name			Air Purifier			
Model/Performance			MS-Q12APYE	MS-Q18APZE	MS-Q18AUZE	MS-Q24APXE
Star Rating*			4 Star	5 Star	5 Star	3 Star
Capacity	Cooling (Rated)	W	3470	5000	5000	6200
	Min-Max	W	520-3850	400-5600	400-5600	1300-6800
Energy Efficiency	ISEER Value	Kwh/Kwh	4.45	4.73	4.73	3.96
Annual Power Consumption	As per BEE Label	KWh (units)	604.19	818.32	818.32	1211.26
Air Circulation	In/Out	CFM	441/989	670/1236	670/1236	670/1730
Noise Level	Indoor	dB (A)	21	31	31	32
Moisture Removal	Air Circulation Max	(l/hr)	0.9	1.8	1.8	2.4
Electrical						
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Volatge/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Power Input	Cooling	W	960	1435	1435	2040
Running Current	Cooling (Rated)	A	4.3	6.6	6.6	9.3
Temperature Range	Cooling (Min-Max)	°C	16-52	16-52	16-52	16-52
	Heating (Min-Max)	°C	-	-	-	-
Key Features						
DUAL Inverter Compressor			✓	✓	✓	✓
Super Convertible 5-in-1 cooling			✓	✓	✓	✓
UV Nano			x	x	✓	x
PM1.0 Sensor & Ionizer			✓	✓	✓	✓
LG ThinQ (Wi-Fi)			✓	✓	✓	✓
Voice Control with Amazon Alexa			✓	✓	✓	✓
Voice Control with Google Assistant			✓	✓	✓	✓
Air Swing			4 Way	4 Way	4 Way	4 Way
Anti Allergic Filter			✓	✓	✓	✓
HD Filter with Anti Virus Protection			✓	✓	✓	✓
15 meters Air Throw			x	✓	✓	✓
Cools at 52°C			✓	✓	✓	✓
Other Features						
Ocean Black Fin Anti Corrosive			✓	✓	✓	✓
Ocean Black Protection			✓	✓	✓	✓
Ez Clean Filter			✓	✓	✓	✓
Low Gas Detection			✓	✓	✓	✓
100% Copper Condensor			✓	✓	✓	✓
6 Fan Speed			✓	✓	✓	✓
Hi-Grooved Copper			✓	✓	✓	✓
Stabiliser Free Operation			✓	✓	✓	✓
Smart Diagnosis System			✓	✓	✓	✓
Comfort Air			✓	✓	✓	✓
Magic Display			✓	✓	✓	✓
Monsoon Comfort/Fresh Dry			✓	✓	✓	✓
Self Diagnosis			✓	✓	✓	✓
Auto Clean			✓	✓	✓	✓
On/Off Timer			✓	✓	✓	✓
Sleep Mode			✓	✓	✓	✓
Auto Restart (Memory)			✓	✓	✓	✓
On/Off Indicator			✓	✓	✓	✓
DIMENSION & WEIGHT						
Dimension	Indoor (W x H x D)	mm	857 x 348 x 189	1020 x 385 x 210	1020 x 385 x 210	1020 x 385 x 210
	Outdoor (W x H x D)	mm	717 x 495 x 230	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
Net Weight	Indoor	kg	9.0	12.9	12.9	12.9
	Outdoor	kg	24.5	32.5	32.5	40.0

SPECIFICATIONS

			Ultra Super Convertible 5-in-1				
Series Name			UV Nano				
Model/Performance			MS-Q12UVXA	MS-Q18UVXA	MS-Q18UVYA	MS-Q12UVZA	MS-Q18UVZA
Star Rating*			3 Star	3 Star	4 Star	5 Star	5 Star
Capacity	Cooling (Rated)	W	3283	5000	5000	3470	5000
	Min-Max	W	520-3650	800-5500	800-5500	520-3850	400-5800
Energy Efficiency	ISEER Value	Kwh/Kwh	3.73	3.68	4.2	4.70	4.73
Annual Power Consumption	As per BEE Label	KWh (units)	680.58	1050.84	920.82	571.99	818.81
Air Circulation	In/Out	CFM	425/989	441/1236	653/1236	425/989	653/1236
Noise Level	Indoor	dB (A)	21	26	31	21	31
Moisture Removal	Air Circulation Max	(l/hr)	0.9	1.8	1.8	0.9	1.8
Electrical							
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Volatge/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
Power Input	Cooling	W	1110	1740	1550	938	1465
Running Current	Cooling (Rated)	A	6.1	8	7.1	4.3	6.7
Temperature Range	Cooling (Min-Max)	°C	16-52	16-52	16-52	16-52	16-52
	Heating (Min-Max)	°C	-	-	-	-	-
Key Features							
DUAL Inverter Compressor			✓	✓	✓	✓	✓
Super Convertible 5-in-1 cooling			✓	✓	✓	✓	✓
UV Nano			✓	✓	✓	✓	✓
PM1.0 Sensor & Ionizer			x	x	x	x	x
LG ThinQ (Wi-Fi)			x	x	x	x	x
Voice Control with Amazon Alexa			x	x	x	x	x
Voice Control with Google Assistant			x	x	x	x	x
Air Swing			4 Way	4 Way	4 Way	4 Way	4 Way
Anti Allergic Filter			x	x	x	x	x
HD Filter with Anti Virus Protection			✓	✓	✓	✓	✓
15 meters Air Throw			x	x	✓	x	✓
Cools at 52°C			✓	✓	✓	✓	✓
Other Features							
Ocean Black Fin Anti Corrosive			✓	✓	✓	✓	✓
Ocean Black Protection			✓	✓	✓	✓	✓
Ez Clean Filter			✓	✓	✓	✓	✓
Low Gas Detection			✓	✓	✓	✓	✓
100% Copper Condensor			✓	✓	✓	✓	✓
6 Fan Speed			✓	✓	✓	✓	✓
Hi-Grooved Copper			✓	✓	✓	✓	✓
Stabiliser Free Operation			✓	✓	✓	✓	✓
Smart Diagnosis System			✓	✓	✓	✓	✓
Comfort Air			✓	✓	✓	✓	✓
Magic Display			✓	✓	✓	✓	✓
Monsoon Comfort/Fresh Dry			✓	✓	✓	✓	✓
Self Diagnosis			✓	✓	✓	✓	✓
Auto Clean			✓	✓	✓	✓	✓
On/Off Timer			✓	✓	✓	✓	✓
Sleep Mode			✓	✓	✓	✓	✓
Auto Restart (Memory)			✓	✓	✓	✓	✓
On/Off Indicator			✓	✓	✓	✓	✓
DIMENSION & WEIGHT							
Dimension	Indoor (W x H x D)	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	837 x 308 x 189	998 x 345 x 210
	Outdoor (W x H x D)	mm	717 x 495 x 230	770 x 545 x 288	770 x 545 x 288	717 x 495 x 230	770 x 545 x 288
Net Weight	Indoor	kg	8.4	9	11	8.4	11
	Outdoor	kg	24.5	28.5	28	24.5	28.5

SPECIFICATIONS

			Smart Super Convertible 5-in-1				
Series Name			HY		SW		GW
Model/Performance			MS-Q12HYZD	MS-Q18HYZD	MS-Q12SWZD	MS-Q18SWZD	MS-Q18GWZD
Star Rating*			5 Star	5 Star	5 Star	5 Star	5 Star
Capacity	Cooling (Rated)	W	3500	5100	3470	5000	5000
	Min-Max	W	520-3850	400-5900	520-3850	400-5800	400-5800
Energy Efficiency	ISEER Value	Kwh/Kwh	5.20	5.2	4.70	4.73	4.73
Annual Power Consumption	As per BEE Label	KWh (units)	521.20	759.56	571.99	818.81	818.81
Air Circulation	In/Out	CFM	425/1236	653/1730	425/989	653/1236	653/1236
Noise Level	Indoor	dB (A)	21	31	21	31	31
Moisture Removal	Air Circulation Max	(l/hr)	0.9	1.8	0.9	1.8	1.8
Electrical							
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Volatge/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
Power Input	Cooling	W	850	1280	938	1465	1465
Running Current	Cooling (Rated)	A	3.9	6.0	4.3	6.7	6.7
Temperature Range	Cooling (Min-Max)	°C	16-52	16-52	16-52	16-52	16-52
	Heating (Min-Max)	°C	-	-	-	-	-
Key Features							
DUAL Inverter Compressor			✓	✓	✓	✓	✓
Super Convertible 5-in-1 cooling			✓	✓	✓	✓	✓
UV Nano			×	×	×	×	×
PM1.0 Sensor & Ionizer			×	×	×	×	×
LG ThinQ (Wi-Fi)			✓	✓	✓	✓	✓
Voice Control with Amazon Alexa			✓	✓	✓	✓	✓
Voice Control with Google Assistant			✓	✓	✓	✓	✓
Air Swing			4 Way	4 Way	4 Way	4 Way	4 Way
Anti Allergic Filter			✓	✓	✓	✓	✓
HD Filter with Anti Virus Protection			✓	✓	✓	✓	✓
15 meters Air Throw			×	✓	×	✓	✓
Cools at 52°C			✓	✓	✓	✓	✓
Other Features							
Ocean Black Fin Anti Corrosive			✓	✓	✓	✓	✓
Ocean Black Protection			✓	✓	✓	✓	✓
Ez Clean Filter			✓	✓	✓	✓	✓
Low Gas Detection			✓	✓	✓	✓	✓
100% Copper Condensor			✓	✓	✓	✓	✓
6 Fan Speed			✓	✓	✓	✓	✓
Hi-Grooved Copper			✓	✓	✓	✓	✓
Stabiliser Free Operation			✓	✓	✓	✓	✓
Smart Diagnosis System			✓	✓	✓	✓	✓
Comfort Air			✓	✓	✓	✓	✓
Magic Display			✓	✓	✓	✓	✓
Monsoon Comfort/Fresh Dry			✓	✓	✓	✓	✓
Self Diagnosis			✓	✓	✓	✓	✓
Auto Clean			✓	✓	✓	✓	✓
On/Off Timer			✓	✓	✓	✓	✓
Sleep Mode			✓	✓	✓	✓	✓
Auto Restart (Memory)			✓	✓	✓	✓	✓
On/Off Indicator			✓	✓	✓	✓	✓
DIMENSION & WEIGHT							
Dimension	Indoor (W x H x D)	mm	837 x 308 x 189	998 x 345 x 210	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
	Outdoor (W x H x D)	mm	770 x 545 x 288	870 x 650 x 330	717 x 495 x 230	770 x 545 x 288	770 x 545 x 288
Net Weight	Indoor	kg	9.0	11	8.4	11	11
	Outdoor	kg	28	40	24.5	28.5	28.5

SPECIFICATIONS

			Super Convertible 5-in-1			
Series Name			SN	GN	FN	WN
Model/Performance			MS-Q18SNZA	MS-Q18GNZA	MS-Q18FNZD	MS-Q18WNZA
Star Rating*			5 Star	5 Star	5 Star	5 Star
Capacity	Cooling (Rated)	W	5000	5000	5000	5000
	Min-Max	W	400-5800	400-5800	400-5800	400-5800
Energy Efficiency	ISEER Value	Kwh/Kwh	4.73	4.73	4.73	4.73
Annual Power Consumption	As per BEE Label	KWh (units)	818.81	818.81	818.81	818.81
Air Circulation	In/Out	CFM	653/1236	653/1236	653/1236	653/1236
Noise Level	Indoor	dB (A)	31	31	31	31
Moisture Removal	Air Circulation Max	(l/hr)	1.8	1.8	1.8	1.8
Electrical						
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Volatge/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Power Input	Cooling	W	1465	1465	1465	1465
Running Current	Cooling (Rated)	A	6.7	6.7	6.7	6.7
Temperature Range	Cooling (Min-Max)	°C	16-52	16-52	16-52	16-52
	Heating (Min-Max)	°C	-	-	-	-
Key Features						
DUAL Inverter Compressor			✓	✓	✓	✓
Super Convertible 5-in-1 cooling			✓	✓	✓	✓
UV Nano			×	×	×	×
PM1.0 Sensor & Ionizer			×	×	×	×
LG ThinQ (Wi-Fi)			×	×	×	×
Voice Control with Amazon Alexa			×	×	×	×
Voice Control with Google Assistant			×	×	×	×
Air Swing			4 Way	4 Way	4 Way	4 Way
Anti Allergic Filter			×	×	✓	×
HD Filter with Anti Virus Protection			✓	✓	✓	✓
15 meters Air Throw			✓	✓	✓	✓
Cools at 52°C			✓	✓	✓	✓
Other Features						
Ocean Black Fin Anti Corrosive			✓	✓	✓	✓
Ocean Black Protection			✓	✓	✓	✓
Ez Clean Filter			✓	✓	✓	✓
Low Gas Detection			✓	✓	✓	✓
100% Copper Condensor			✓	✓	✓	✓
6 Fan Speed			✓	✓	✓	✓
Hi-Grooved Copper			✓	✓	✓	✓
Stabiliser Free Operation			✓	✓	✓	✓
Smart Diagnosis System			✓	✓	✓	✓
Comfort Air			✓	✓	✓	✓
Magic Display			✓	✓	✓	✓
Monsoon Comfort/Fresh Dry			✓	✓	✓	✓
Self Diagnosis			✓	✓	✓	✓
Auto Clean			✓	✓	✓	✓
On/Off Timer			✓	✓	✓	✓
Sleep Mode			✓	✓	✓	✓
Auto Restart (Memory)			✓	✓	✓	✓
On/Off Indicator			✓	✓	✓	✓
DIMENSION & WEIGHT						
Dimension	Indoor (W x H x D)	mm	998 x 345 x 210	998 x 345 x 210	998 x 345 x 210	998 x 345 x 210
	Outdoor (W x H x D)	mm	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288
Net Weight	Indoor	kg	11	11	11	11
	Outdoor	kg	28.5	28.5	28.5	28.5

SPECIFICATIONS

			Super Convertible 5-in-1				
Series Name			HN				
Model/Performance			MS-Q12HNYA	MS-Q18HNYA	MS-Q12HNZA	MS-Q18HNZA	MS-Q24HNXA
Star Rating*			4 Star	4 Star	5 Star	5Star	3 Star
Capacity	Cooling (Rated)	W	3520	5000	3470	5000	6300
	Min-Max	W	520-3850	800-5500	520-3850	400-5800	1500-7000
Energy Efficiency	ISEER Value	Kwh/Kwh	4.20	4.2	4.70	4.73	3.96
Annual Power Consumption	As per BEE Label	KWh (units)	649.33	920.82	571.99	818.81	1232.78
Air Circulation	In/Out	CFM	425/989	653/1236	425/989	653/1236	706/1730
Noise Level	Indoor	dB (A)	21	31	21	31	32
Moisture Removal	Air Circulation Max	(l/hr)	0.9	1.8	0.9	1.8	2.4
Electrical							
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Volatge/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
Power Input	Cooling	W	1050	1550	938	1465	2065
Running Current	Cooling (Rated)	A	5.8	7.1	4.3	6.7	9.5
Temperature Range	Cooling (Min-Max)	°C	16-52	16-52	16-52	16-52	16-52
	Heating (Min-Max)	°C	-	-	-	-	-
Key Features							
DUAL Inverter Compressor			✓	✓	✓	✓	✓
Super Convertible 5-in-1 cooling			✓	✓	✓	✓	✓
UV Nano			x	x	x	x	x
PM1.0 Sensor & Ionizer			x	x	x	x	x
LG ThinQ (Wi-Fi)			x	x	x	x	x
Voice Control with Amazon Alexa			x	x	x	x	x
Voice Control with Google Assistant			x	x	x	x	x
Air Swing			4 Way	4 Way	4 Way	4 Way	4 Way
Anti Allergic Filter			x	x	x	x	x
HD Filter with Anti Virus Protection			✓	✓	✓	✓	✓
15 meters Air Throw			x	✓	x	✓	✓
Cools at 52°C			✓	✓	✓	✓	✓
Other Features							
Ocean Black Fin Anti Corrosive			✓	✓	✓	✓	✓
Ocean Black Protection			✓	✓	✓	✓	✓
Ez Clean Filter			✓	✓	✓	✓	✓
Low Gas Detection			✓	✓	✓	✓	✓
100% Copper Condensor			✓	✓	✓	✓	✓
6 Fan Speed			✓	✓	✓	✓	✓
Hi-Grooved Copper			✓	✓	✓	✓	✓
Stabiliser Free Operation			✓	✓	✓	✓	✓
Smart Diagnosis System			✓	✓	✓	✓	✓
Comfort Air			✓	✓	✓	✓	✓
Magic Display			✓	✓	✓	✓	✓
Monsoon Comfort/Fresh Dry			✓	✓	✓	✓	✓
Self Diagnosis			✓	✓	✓	✓	✓
Auto Clean			✓	✓	✓	✓	✓
On/Off Timer			✓	✓	✓	✓	✓
Sleep Mode			✓	✓	✓	✓	✓
Auto Restart (Memory)			✓	✓	✓	✓	✓
On/Off Indicator			✓	✓	✓	✓	✓
DIMENSION & WEIGHT							
Dimension	Indoor (W x H x D)	mm	837 x 308 x 189	998 x 345 x 210	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
	Outdoor (W x H x D)	mm	717 x 495 x 230	770 x 545 x 288	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
Net Weight	Indoor	kg	8.4	11	8.4	11	11
	Outdoor	kg	24.5	28	24.5	28.5	40.0

SPECIFICATIONS

			Super Convertible 5-in-1			
Series Name			KN			
Model/Performance			MS-Q12KNYA	MS-Q18KNYA	MS-Q12KNZA	MS-Q18KNZA
Star Rating*			4 Star	4 Star	5 Star	5 Star
Capacity	Cooling (Rated)	W	3520	5000	3470	5000
	Min-Max	W	520-3850	800-5500	520-3850	400-5800
Energy Efficiency	ISEER Value	Kwh/Kwh	4.20	4.2	4.70	4.73
Annual Power Consumption	As per BEE Label	KWh (units)	649.33	920.82	571.99	818.81
Air Circulation	In/Out	CFM	425/989	653/1236	425/989	653/1236
Noise Level	Indoor	dB (A)	21	31	21	31
Moisture Removal	Air Circulation Max	(l/hr)	0.9	1.8	0.9	1.8
Electrical						
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Volatge/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Power Input	Cooling	W	1050	1550	938	1465
Running Current	Cooling (Rated)	A	5.8	7.1	4.3	6.7
Temperature Range	Cooling (Min-Max)	°C	16-52	16-52	16-52	16-52
	Heating (Min-Max)	°C	-	-	-	-
Key Features						
DUAL Inverter Compressor			✓	✓	✓	✓
Super Convertible 5-in-1 cooling			✓	✓	✓	✓
UV Nano			x	x	x	x
PM1.0 Sensor & Ionizer			x	x	x	x
LG ThinQ (Wi-Fi)			x	x	x	x
Voice Control with Amazon Alexa			x	x	x	x
Voice Control with Google Assistant			x	x	x	x
Air Swing			4 Way	4 Way	4 Way	4 Way
Anti Allergic Filter			x	x	x	x
HD Filter with Anti Virus Protection			✓	✓	✓	✓
15 meters Air Throw			x	✓	x	✓
Cools at 52°C			✓	✓	✓	✓
Other Features						
Ocean Black Fin Anti Corrosive			✓	✓	✓	✓
Ocean Black Protection			✓	✓	✓	✓
Ez Clean Filter			✓	✓	✓	✓
Low Gas Detection			✓	✓	✓	✓
100% Copper Condensor			✓	✓	✓	✓
6 Fan Speed			✓	✓	✓	✓
Hi-Grooved Copper			✓	✓	✓	✓
Stabiliser Free Operation			✓	✓	✓	✓
Smart Diagnosis System			✓	✓	✓	✓
Comfort Air			✓	✓	✓	✓
Magic Display			✓	✓	✓	✓
Monsoon Comfort/Fresh Dry			✓	✓	✓	✓
Self Diagnosis			✓	✓	✓	✓
Auto Clean			✓	✓	✓	✓
On/Off Timer			✓	✓	✓	✓
Sleep Mode			✓	✓	✓	✓
Auto Restart (Memory)			✓	✓	✓	✓
On/Off Indicator			✓	✓	✓	✓
DIMENSION & WEIGHT						
Dimension	Indoor (W x H x D)	mm	837 x 308 x 189	998 x 345 x 210	837 x 308 x 189	998 x 345 x 210
	Outdoor (W x H x D)	mm	717 x 495 x 230	770 x 545 x 288	717 x 495 x 230	770 x 545 x 288
Net Weight	Indoor	kg	8.4	11	8.4	11
	Outdoor	kg	24.5	28	24.5	28.5

SPECIFICATIONS

Model Performance			WINDOW DUAL INVERTER				
			JW-Q12WUZA	JW-Q18WUXA1	JW-Q18WUXA2	JW-Q18WUZA	JW-Q24WUZA
Star Rating*			5 Star	3 Star	3 Star	5 Star	5 Star
Capacity	Cooling (Rated)	W	3200	4700	4700	5000	6200
	Cooling Capacity (50%-100%)	W	1810-3600	2020-4700	2020-4700	1990-5680	2120-6200
Energy Efficiency	ISEER Value	Kwh/Kwh	3.50	3.00	3.00	3.50	3.50
Annual Power Consumption	As per BEE Label	KWh (units)	707.30	1213.33	1213.33	1106.26	1370.63
Air Circulation	Indoor	CFM	290	318	318	459	501
Noise Level	Indoor*	dB	44	44	44	44	44
Electrical							
Compressor	Type/Gas		Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32	Dual Rotary/R32
Power Supply	Phase/Volatge/Frequency	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
Power Input	Cooling	W	1050	1660	1660	1670	2190
Running Current	Cooling	A	4.7	7.5	7.5	7.3	10.5
Key Features							
LG ThinQ (Wi-Fi)			✓	✖	✖	✓	✓
Voice Control (Works with Amazon Alexa, Google Assistant)			✓	✖	✖	✓	✓
Smart Diagnosis System			✓	✓	✓	✓	✓
Top Air Discharge			✓	✓	✓	✓	✓
Clean Filter Indicator			✓	✓	✓	✓	✓
Ocean Black Protection			✓	✓	✓	✓	✓
Other Features							
HD Filter			✓	✓	✓	✓	✓
Low Gas Detection			✓	✓	✓	✓	✓
Air Direction (Manual)			4 Way	4 Way	4 Way	4 Way	4 Way
Operation Control			Electronic (Tactile)	Electronic (Tactile)	Electronic (Tactile)	Electronic (Tactile)	Electronic (Tactile)
Auto Restart (Memory)			✓	✓	✓	✓	✓
Mode			High / Mid / Low / Sleep	High / Mid / Low / Sleep	High / Mid / Low / Sleep	High / Mid / Low / Sleep	High / Mid / Low / Sleep
Speed Setting (Fan)			3	3	3	3	3
On/Off Timer			✓	✓	✓	✓	✓
Display Type			LED	LED	LED	LED	LED
Remote Display			LCD	LCD	LCD	LCD	LCD
E-Saver Mode			✓	✓	✓	✓	✓
DIMENSION & WEIGHT							
Dimension (W x H x D) mm			600 x 380 x 731	600 x 380 x 731	660 x 450 x 779	660 x 450 x 779	660 x 450 x 779
Net Weight (kg)			40	42	50	50	50

MEMO