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> [LG 1.5 Ton 5 Star DUAL Inverter Split AC \(Model: US-Q19YNZE3\) User Manual](#)

## LG US-Q19YNZE3

# LG 1.5 Ton 5 Star DUAL Inverter Split AC User Manual

Model: US-Q19YNZE3 | Brand: LG

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## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your LG 1.5 Ton 5 Star DUAL Inverter Split AC, model US-Q19YNZE3. Please read this manual thoroughly before using the appliance and retain it for future reference.

The LG DUAL Inverter Split AC features advanced cooling technology, energy efficiency, and air purification capabilities designed for medium-sized rooms (111 to 150 sq.ft).



Image: The indoor unit of the LG DUAL Inverter Split AC, white in color, mounted on a wall.

## 2. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your air conditioner. It is recommended that installation be performed by qualified service personnel.

## 2.1 Included Components

The product package includes the following items:

- 1 Indoor Unit
- 1 Outdoor Unit
- Inter Connecting Copper Pipe (3 meters length)
- 1 Remote Control
- 2 Batteries (for remote control)
- User Manual (this document)
- Warranty Card



Image: A visual representation of the components included in the package: indoor unit, outdoor unit, remote control with batteries, insulated copper line set, communication wire, and small accessories.

## 2.2 Unit Dimensions

Ensure adequate space for installation and proper airflow around both indoor and outdoor units.

- **Indoor Unit (W x H x D):** 99.8 cm x 34.5 cm x 21 cm
- **Outdoor Unit (W x H x D):** 77.0 cm x 54.5 cm x 28.8 cm



## Suitable For Medium Sized Rooms (111 to 150 sq.ft)



Customized  
Cooling



Convenience &  
Efficiency



Maintain 116%\*  
Cooling Capacity



Consumes energy  
at a minimum



Comfortable  
Surroundings



Increase  
Lifespan



For Exceptional  
Durability



744.75 Units  
Per Year

\*116% Capacity Claim from actual rated capacity. May vary from model to model from 108% to 116%.

Above data is based on testing done at standard conditions, actual consumption can vary as per environmental condition & room size.

Image: Detailed dimensions of the indoor unit, showing width, height, and depth.

# TAILORED FOR EXCELLENCE, INSIDE AND OUT.



Image: Detailed dimensions of the outdoor unit, showing width, height, and depth.

**Note:** The inter-connecting copper pipe length is 3 meters. If additional length is required, consult with the installer.

## 3. OPERATING INSTRUCTIONS

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Your LG DUAL Inverter Split AC offers various modes and features for optimal comfort and energy efficiency.

### 3.1 DUAL Inverter Compressor

The DUAL Inverter Compressor provides efficient and quiet operation, adapting to cooling needs for faster cooling and energy saving.



Image: Illustration highlighting the fast cooling capability of the LG Dual Inverter AC.

### 3.2 AI Convertible 6-in-1 Cooling

This feature allows you to adjust the cooling capacity of the AC based on the number of occupants and activity levels in the room, optimizing energy consumption.

- **Mode 1 (100% Capacity):** For crowded and very active environments.
- **Mode 2 (80% Capacity):** Suitable for some people and low-activity levels.
- **Mode 3 (60% Capacity):** For fewer people and low-activity levels.
- **Mode 4 (40% Capacity):** When fewer people are present without significant activity.
- **Mode 5 (AI Mode):** Utilizes Artificial Intelligence to automatically adjust cooling based on sensed conditions.
- **Mode 6 (VIRAAT Mode - 116% Capacity):** Provides maximum cooling capacity for extremely hot conditions.



Image: Visual representation of the AI+ Convertible 6-in-1 cooling modes, showing different capacity levels for various room conditions.

### 3.3 VIRAAT Mode

Activates 116% cooling capacity for rapid cooling in high-temperature environments.



Image: An illustration demonstrating the VIRAAT Mode, which increases cooling capacity up to 116% for enhanced user comfort.

### 3.4 Diet Mode+

This mode optimizes energy consumption, reducing power input to as low as 252W, contributing to lower electricity bills.



Image: A graphic illustrating the power consumption comparison, showing Diet Mode+ significantly reducing wattage compared to full operation.

### 3.5 4-Way Swing

The 4-way swing feature ensures uniform airflow throughout the room, distributing cool air effectively in multiple directions.



\*Available on selected models.

Image: An illustration showing the 4-way swing mechanism of the AC, indicating multi-directional airflow for even cooling.

### 3.6 Mute Function

Activates silent operation for minimal noise disturbance, ideal for sleeping or quiet environments.



Image: A remote control displaying the mute function, with a sleeping child in the background, emphasizing quiet operation.

### 3.7 Other Operating Features

- **Cools at 55°C:** Designed to deliver effective cooling even in extreme ambient temperatures up to 55°C.
- **Stabilizer Free Operation:** Operates within a voltage range of 120V-290V without the need for an external stabilizer.
- **Magic Display (LED):** Provides clear temperature and timer mode indications.
- **Monsoon Comfort/Fresh Dry:** Optimizes cooling during humid conditions.
- **Sleep Mode:** Adjusts temperature for comfortable sleep and energy saving.
- **Auto Restart (Memory):** Restarts with previous settings after a power outage.
- **On/Off Timer:** Allows scheduling of AC operation.

## 4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your AC unit.

#### 4.1 HD Filter with Anti-Virus Protection

The HD filter is equipped with anti-virus protection, utilizing Cationic Silver Ions (AgNPs) to inactivate and destroy viruses, fungi, mold, and bacteria, providing cleaner air.



Image: A diagram illustrating the three steps of anti-virus protection: microorganisms contact Cationic Silver Ions, dissolution of outer layer, and rupturing of RNA/DNA.

**Cleaning the Filter:** The filter should be cleaned regularly. Refer to the detailed cleaning instructions in the full user manual for your specific model.

#### 4.2 Auto Clean Function

The Auto Clean feature automatically dries the interior of the indoor unit to prevent the growth of mold and bacteria, ensuring fresh air and maintaining efficiency.

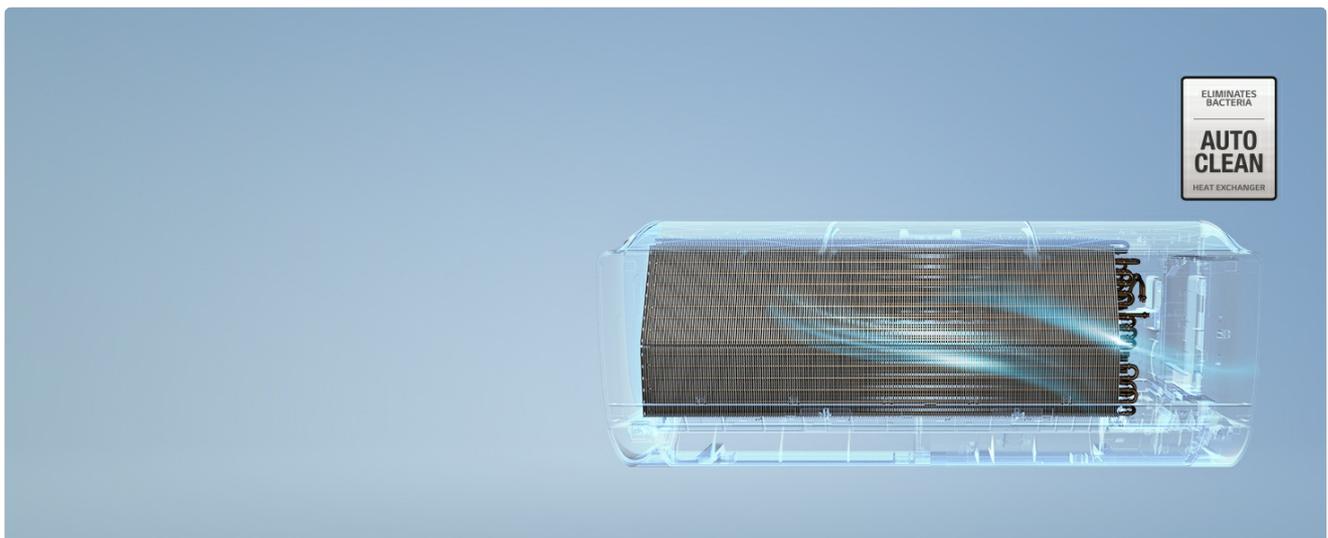


Image: An X-ray view of the indoor unit's heat exchanger, showing air circulation during the Auto Clean process to eliminate bacteria.

#### 4.3 Ocean Black Protection & Gold Fin+

The outdoor unit's heat exchanger is coated with Ocean Black Protection, and the condenser fins feature Gold Fin+ technology. These coatings protect against rust and corrosion, enhancing durability, especially in environments with high humidity or salinity.



Image: A cutaway view of the outdoor unit's condenser, highlighting the Gold Fin+ anti-corrosion coating for long-lasting durability.



Image: A close-up view of the outdoor unit's heat exchanger with Ocean Black Protection, designed for Indian conditions to prevent corrosion.

## 5. TROUBLESHOOTING

This section provides guidance on common issues. For complex problems, contact LG customer support.

### 5.1 Smart Diagnosis System

The Smart Diagnosis system allows for quick and easy troubleshooting of issues. You can use the ThinQ app to diagnose problems and receive guidance, or share diagnostic information with LG service centers.



Image: An illustration showing the Smart Diagnosis system connecting the AC to an LG Call Center via a laptop and a consumer's smartphone with the ThinQ app.

## 5.2 Low Gas Detection

The unit is equipped with a low gas detection feature that alerts you if the refrigerant level is low, which can impact cooling performance and energy efficiency. Address this promptly to prevent damage to the compressor.



Image: The indoor unit displaying a "CH 38" error code, indicating low gas detection, with a "Saves you money" badge.

## 5.3 ADC Sensor

The ADC (Ambient, Discharge, Condenser) sensors monitor various parameters to ensure stable performance and safety. If an issue related to these sensors occurs, the Smart Diagnosis system can help identify it.

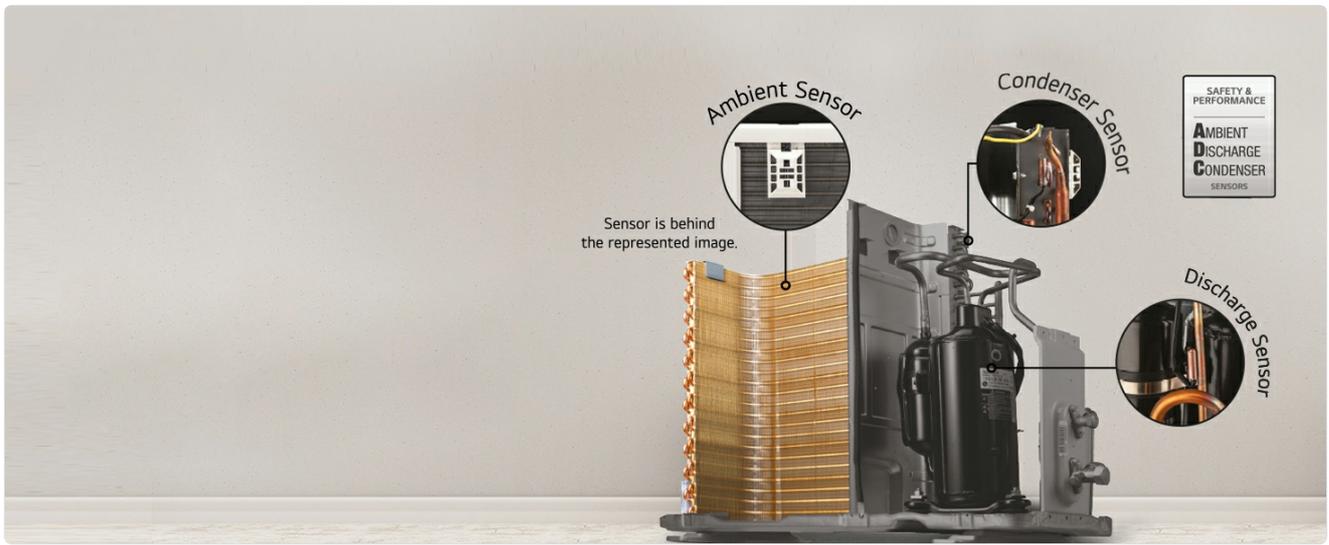


Image: A diagram showing the location of Ambient, Discharge, and Condenser sensors within the outdoor unit, emphasizing safety and performance.

## 6. SPECIFICATIONS

Feature	Detail
Brand	LG
Model	US-Q19YNZE3
Energy Efficiency Rating	5 Star (as per 2025 BEE guidelines)
Capacity	1.5 Tons
Annual Energy Consumption	744.75 Kilowatt Hours Per Year
ISEER Value	5.20
Noise Level (Indoor Unit)	31 Decibels
Installation Type	Split System
Cooling Power	5 Kilowatts
Refrigerant Gas	R32 (Environment-Friendly)
Voltage	230 Volts

Feature	Detail
Wattage	1290 Watts
Material (Outdoor)	GPSP/GP-DD
Material (Indoor)	ABS/HIPS
Color	White
Item Weight	41 kg (Total)
Indoor Unit Dimensions (LxWxH)	21 x 99.8 x 34.5 Centimeters
Outdoor Unit Dimensions (LxWxH)	28.8 x 77.0 x 54.5 Centimeters
Special Features	DUAL Inverter Compressor, AI Convertible 6-in-1, VIRAAT Mode, HD Filter with Anti-Virus Protection, ADC Sensor, Cools at 55°C, Stabilizer free operation (120V-290V), Magic Display, Gold Fin+, Ocean Black Protection, Ez Clean Filter, Low gas detection, 100% Copper Condenser, 6 Fan Speed steps, Hi grooved Copper, Smart Diagnosis System, Comfort Air, Monsoon Comfort/Fresh Dry, Auto Clean, Mute Function, On/Off Timer, Sleep Mode, Auto Restart (Memory), On/Off Indicator, Dehumidifier, Diet Mode Plus, 4 Way Swing, 15 MTS Airthrow.

**Note:** The current star rating is based on 2025 BEE guidelines. Under the new 2026 BEE guidelines (effective from 1st Jan 2026), this product will be rated one star lower.

## 7. WARRANTY AND SUPPORT

### 7.1 Manufacturer Warranty

- **Product:** 1 Year Comprehensive Warranty
- **PCB and Motor:** 5 Years Warranty
- **Compressor:** 10 Years Warranty

\*Free Gas charging during the comprehensive period only. Terms and Conditions Apply.  
Brand warranty can be availed using the Amazon invoice and the User Manual (this document).

### 7.2 Customer Support

For service requests, technical assistance, or warranty claims, please contact LG customer support:

- **Telephone:** 08069379999
- **WhatsApp:** 9711709999
- **Email:** serviceindia@lge.com

You can also access the user manual and other support resources on the official LG website.

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This manual is for informational purposes only. Specifications are subject to change without notice.