LG TS-Q19YNZE

LG 1.5 Ton 5 Star DUAL Inverter Split AC (TS-Q19YNZE) User Manual

Model: TS-Q19YNZE

1. Safety Information

Read all instructions before using the appliance. Follow all safety precautions to prevent injury or damage. Keep this manual for future reference.

- Ensure proper grounding to avoid electric shock.
- Do not operate the AC with wet hands.
- Keep children away from the unit.
- Do not insert objects into the air outlet.
- Professional installation is required.
- Turn off power before cleaning or maintenance.

2. Product Overview

The LG 1.5 Ton 5 Star DUAL Inverter Split AC (Model TS-Q19YNZE) is designed for efficient and comfortable cooling. It features advanced technologies such as AI Convertible 6-in-1 Cooling, a DUAL Inverter Compressor, and an HD Filter with Anti-Virus Protection.

Key Features:

- **DUAL Inverter Compressor:** Variable speed compressor for energy efficiency and faster cooling.
- **AI Convertible 6-in-1 Cooling:** Adjusts cooling capacity from 40% to 110% based on room size and occupancy.
- **VIRAAT Mode:** Operates at 110% capacity for instant cooling during peak summer.
- **HD Filter with Anti-Virus Protection:** Special filter coated with Cationic Silver Ions for virus filtration and bacteria cleansing.
- **4-Way Air Swing:** Ensures uniform airflow throughout the room.
- **Ocean Black Protection & Gold Fin+:** Anti-corrosion coating for increased durability of the condenser coil.
- **Smart Diagnosis System:** Facilitates quick troubleshooting and support.

- **Stabilizer-Free Operation:** Operates within 120V-290V voltage range.
- **R32 Refrigerant:** Environmentally friendly refrigerant with no ozone depletion potential.

Included Components:

- 1 Indoor Unit
- 1 Outdoor Unit
- 3 m Length Inter Connecting Copper Pipe
- 1 Remote Control
- 1 User Manual
- 1 Warranty Card

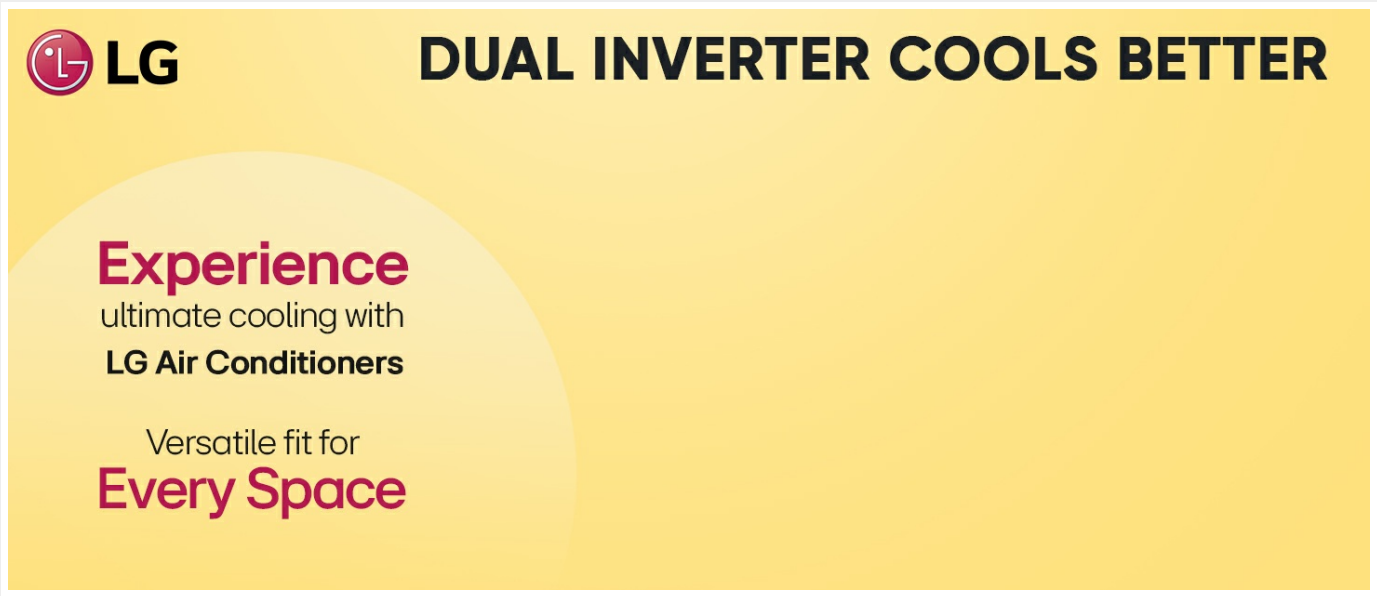


Figure 2.1: LG Dual Inverter Split AC with highlighted features.

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Video 2.2: Official overview of the LG AI Dual Inverter Split AC features and benefits.

3. Setup & Installation

For optimal performance and safety, professional installation of your LG Split AC is strongly recommended. The installation process involves mounting the indoor and outdoor units, connecting refrigerant pipes, electrical wiring, and vacuuming the system.

Installation Guidelines:

- Choose a location for the indoor unit that allows for even air distribution and is away from direct sunlight or heat sources.
- Ensure the outdoor unit is placed in a well-ventilated area, free from obstructions, and on a stable surface.
- Verify that the power supply meets the AC's requirements (230 Volts).
- The interconnecting copper pipe should be installed correctly to prevent refrigerant leaks.



Figure 3.1: Indoor and Outdoor Unit Dimensions.

4. Operating Instructions

Your LG Split AC comes with a remote control for convenient operation. Familiarize yourself with the remote's buttons and functions to utilize all features effectively.

Remote Control Functions:

- **Power Button:** Turns the AC on or off.
- **Mode Button:** Cycles through cooling, fan, dry, and auto modes.
- **Temperature Up/Down:** Adjusts the desired temperature.
- **Fan Speed:** Selects fan speed (e.g., low, medium, high, auto).
- **Swing Button:** Controls the horizontal and vertical louver movement for 4-way air swing.
- **AI Convertible 6-in-1:** Activates the AI-powered capacity adjustment modes.

- **VIRAAT Mode:** Engages maximum cooling capacity for rapid temperature reduction.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep.
- **Timer:** Sets auto on/off times.
- **Mute Function:** Silences operational sounds for quiet environments.



Figure 4.1: AI Convertible 6-in-1 Cooling Modes.



Figure 4.2: VIRAAT Mode for Faster Cooling.



Figure 4.3: 4-Way Air Swing for Uniform Cooling.



Figure 4.4: Magic Display for Temperature Indication.

5. Maintenance

Regular maintenance ensures the longevity and efficient operation of your LG AC. Always disconnect power before performing any maintenance.

Filter Cleaning:

The HD Filter with Anti-Virus Protection should be cleaned regularly (e.g., every two weeks or as needed) to maintain air quality and cooling efficiency.

1. Open the front panel of the indoor unit.
2. Gently remove the HD filter.
3. Clean the filter using a vacuum cleaner or wash it with lukewarm water.
4. Allow the filter to dry completely in a shaded area before reinserting.



Figure 5.1: HD Filter with Anti-Virus Protection Mechanism.

Auto Clean Function:

The Auto Clean function automatically dries any moisture inside the indoor unit's heat exchanger, preventing the growth of mold and bacteria and reducing odors.

- Activate the Auto Clean function via the remote control.
- The unit will run in fan mode for a period to dry the internal components.

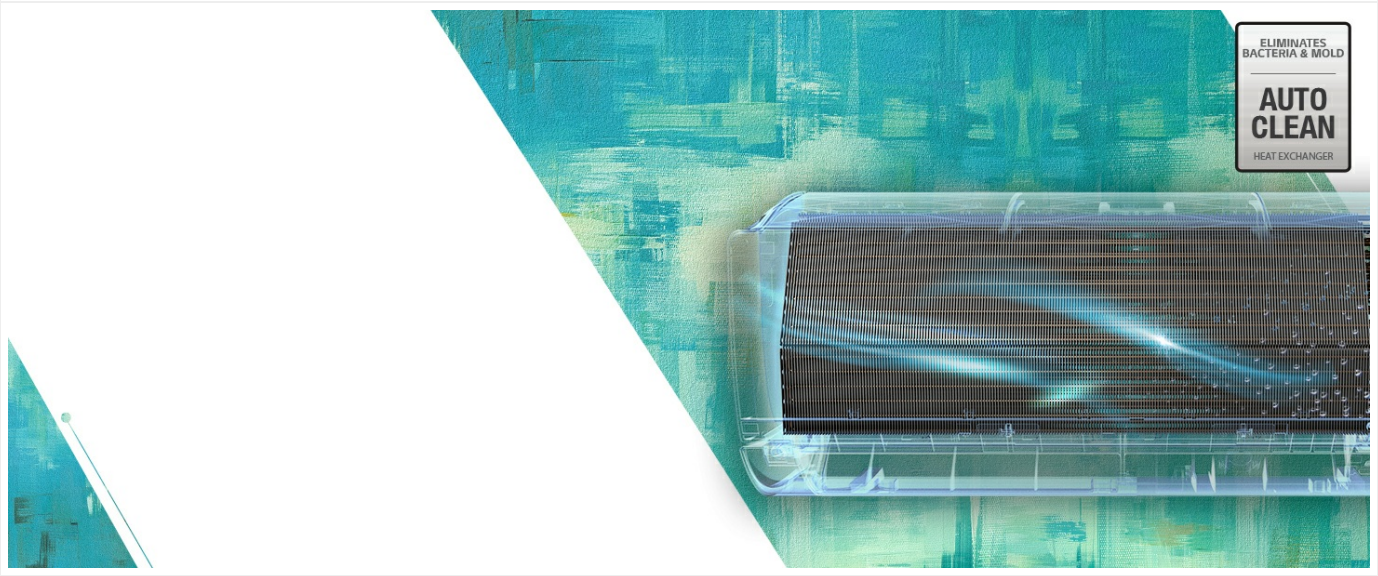


Figure 5.2: Auto Clean Function.

Other Maintenance Tips:

- **Ez Clean Filter:** Easily removable filter for convenient cleaning.
- **Ocean Black Protection:** The outdoor unit's fins are coated to resist rust and corrosion, especially in coastal areas.
- **Hi-Grooved Copper:** Enhances heat dissipation and increases pipe durability.



Figure 5.3: Ez Clean Filter for Easy Maintenance.



Figure 5.4: Ocean Black Protection on Indoor Unit.



Figure 5.5: Hi-Grooved Copper Pipes.

6. Troubleshooting

If you encounter issues with your AC, refer to the following common troubleshooting steps. For complex problems, contact LG customer support.

Common Issues and Solutions:

- **AC not cooling:** Check if filters are clean, doors/windows are closed, and temperature settings are correct.
- **Unusual noise:** Ensure the unit is installed securely. If noise persists, contact service.
- **Water leakage:** Check drainage pipe for blockages.
- **Low Gas Detection:** The unit features a low gas detection system. If detected, contact service for gas charging.

Smart Diagnosis System:

The Smart Diagnosis System allows for quick and easy troubleshooting. Use the LG ThinQ app to diagnose issues and receive guidance, or provide the diagnostic information to customer service for faster resolution.



Figure 6.1: Smart Diagnosis System.

ADC Sensor:

The ADC (Ambient, Discharge, Condenser) sensors monitor various parameters to ensure safe and stable operation, preventing potential issues and enhancing durability.



Figure 6.2: ADC Sensor Locations and Functions.

7. Specifications

Feature	Specification
Brand	LG
Model Number	TS-Q19YNZE
Capacity	1.5 Tons

Feature	Specification
Energy Rating	5 Star (BEE 2025 guidelines)
Annual Energy Consumption	744.99 Units Per Year
ISEER Value	5.2
Cooling Power	1.28 Kilowatts (5000 W)
Refrigerant	R-32
Compressor Type	Dual Inverter (Rotary Scroll)
Noise Level (Indoor Unit)	31 Decibels
Indoor Unit Dimensions (D x W x H)	21D x 99.8W x 34.5H Centimeters
Outdoor Unit Dimensions (D x W x H)	28.8D x 77W x 54.5H Centimeters
Item Weight	39.5 Kilograms (IDU: 11 Kg, ODU: 28.5 Kg)
Core Material	Copper
Voltage	230 Volts
Wattage	1284 Watts
Floor Area Suitability	111 to 150 sq ft
Filter Type	Silver Ion Filter (HD Filter with Anti-Virus Protection)

8. Warranty and Support

Warranty Information:

- **Product:** 1 Year Warranty
- **PCB (Printed Circuit Board):** 5 Years Warranty
- **Compressor:** 10 Years Warranty with Gas Charging

Terms and Conditions Apply. Please refer to the warranty card included with your product for full details.

Customer Support:

For any queries, assistance, or to schedule a service, please contact LG customer support:

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

When contacting support, please provide your product's model name (TS-Q19YNZE) and seller's details as mentioned on your invoice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question