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LG LSA6NP3F

LG LSA6NP3F Non Inverter Split AC User Manual

Model: LSA6NP3F

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INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your LG LSA6NP3F Non Inverter Split Air Conditioner. Please read this manual thoroughly before using your air conditioner and retain it for future reference.



Image: The LG LSA6NP3F Non Inverter Split AC, showing both the indoor and outdoor units. This image illustrates the complete air conditioning system.

1. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your LG LSA6NP3F AC. It is recommended that installation be performed by a qualified service technician.

1.1 Pre-Installation Checks

- Ensure the installation location can support the weight of both indoor and outdoor units.
- Verify that the power supply (230 Volt / Single Phase / 50 Hz) matches the unit's requirements.
- Confirm adequate space for air circulation around both units.

1.2 Indoor Unit Placement

The indoor unit should be mounted on a wall, ensuring it is level and has unobstructed airflow. Avoid placing it near heat sources or direct sunlight.

1.3 Outdoor Unit Placement

The outdoor unit should be placed in a well-ventilated area, away from direct sunlight and obstructions. Ensure it is on a stable, level surface to minimize vibration and noise.

1.4 Electrical Connection

Connect the AC to a dedicated power circuit as specified in the electrical requirements. Ensure all wiring is secure and properly grounded to prevent electrical hazards.

2. OPERATING INSTRUCTIONS

Familiarize yourself with the remote control and the various operating modes of your LG LSA6NP3F AC.

2.1 Remote Control

The remote control allows you to adjust settings and activate features. It includes **Night Glow buttons** for easy operation in low light conditions.



Image: Illustrative image of an LG AC remote control. The remote features buttons that glow in the dark for convenient use at night.

2.2 Operating Modes and Features

- **Himalaya Cool:** This technology provides rapid cooling by optimizing airflow and utilizing a faster vertical air swing. Activate it with a one-touch key on the remote control for quick comfort.



Image: A representation of the Himalaya Cool feature, showing strong, directed airflow from the AC unit for rapid cooling.

- **Monsoon Comfort:** Designed for high humidity and monsoon seasons, this mode prevents overcooling by balancing room temperature, body temperature, and airflow. It can be activated via a single key on the remote control.



Image: An icon or display indicating the Monsoon Comfort mode is active, suggesting balanced cooling and dehumidification.

- **E-Saver Mode:** This energy-saving mode maintains comfort while minimizing power consumption by applying the Body Adaptation Time Algorithm (BATA).
- **Deep Sleep Mode:** The microprocessor automatically adjusts the temperature during the night to match your body's metabolism, providing a comfortable sleeping environment and saving power.
- **On/Off Timer:** Use the timer function to program the AC to turn on or off at specific times, allowing for undisturbed sleep or energy management.
- **Sweet Dreamz Mode:** Pressing a specific key on the remote controller will turn off the display on the indoor unit, enhancing comfort during sleep by eliminating light disturbance.
- **Auto Restart:** In case of a power outage, the unit will automatically restart with the previous settings once power is restored.
- **Speed Setting:** The unit offers multiple fan speed settings for customized airflow.

3. MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your air conditioner.

3.1 Auto Clean Feature

The **Auto Clean** feature automatically dries the wet heat exchanger inside the indoor unit, preventing the growth of mold and bacteria. It is recommended to use this feature regularly.



Image: A visual representation of the Auto Clean function, possibly an indicator light or display on the AC unit.

3.2 Filter Maintenance

Your AC is equipped with advanced filters to ensure clean air quality.

- **Dual Protection Filter:** This fine mesh filter captures dust particles and inhibits germ growth. Clean it regularly by washing with water and drying thoroughly.



Image: A close-up of the Dual Protection Filter, showing its fine mesh structure designed to capture dust and inhibit bacteria.

- **3M Micro Protection Filter:** This filter uses electrostatic force to collect microscopic substances, ensuring cleaner air. Refer to the service manual for specific cleaning or replacement instructions for this filter type.



Image: A visual representation of the 3M Micro Protection Filter, highlighting its advanced filtration capabilities.

Always turn off the power supply to the AC unit before performing any maintenance.

4. TROUBLESHOOTING

Before contacting service personnel, review the following common issues and their solutions.

Problem	Possible Cause	Solution
AC does not turn on.	No power supply; remote control batteries depleted; circuit breaker tripped.	Check power connection; replace remote batteries; reset circuit breaker.
Insufficient cooling.	Dirty air filters; blocked outdoor unit; room too large; windows/doors open.	Clean air filters; clear obstructions from outdoor unit; ensure room is sealed.
Unusual noise from unit.	Loose parts; unit not level; foreign object in fan.	Ensure unit is level; check for loose screws; inspect for obstructions (power off first).
Water leakage from indoor unit.	Clogged drain pipe; improper installation.	Clear drain pipe; contact a qualified technician for inspection.

If the problem persists after attempting these solutions, please contact LG customer support.

5. SPECIFICATIONS

Detailed technical specifications for the LG LSA6NP3F Non Inverter Split AC.

Feature	Value
Brand	LG
Model	LSA6NP3F
Capacity	2 Tons
Energy Efficiency	3 Star Rating
Cooling Power	6350 Watts
Noise Level (Indoor)	40 Decibels
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Anti Bacterial Filter
Colour	White
Control Console	Remote Control
Voltage	230 Volts
Wattage	2000 Watts
Airflow Displacement	1600 Cubic Feet Per Minute
Material	Copper
Indoor Unit Dimensions (WxHxD)	1090 x 300 x 218 mm

Feature	Value
Outdoor Unit Dimensions (WxHxD)	870 x 655 x 322 mm
Indoor Unit Net Weight	13 Kg
Outdoor Unit Net Weight	47 Kg
Refrigerant	R22

6. WARRANTY AND SUPPORT

6.1 Warranty Information

Your LG LSA6NP3F AC comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

6.2 Customer Support

For technical assistance, service requests, or inquiries regarding your product, please contact LG customer support. Contact details can typically be found on the LG official website or in the documentation provided with your AC unit. When contacting support, please have your model number (LSA6NP3F) and serial number ready.



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