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> Voltas 183 LYA Series Split AC (1.5 Ton, 1 Star) User Manual

Voltas 1.5 T 183 LYA

Voltas 183 LYA Series Split AC User Manual

Model: 1.5 T 183 LYA

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions carefully before using the appliance. Keep this manual for future reference.

- Ensure proper grounding to avoid electric shock.
- Do not insert fingers or objects into the air inlet/outlet.
- Do not operate the AC with wet hands.
- Keep flammable materials away from the unit.
- Only qualified personnel should perform installation and maintenance.
- Disconnect power before cleaning or servicing.

PRODUCT OVERVIEW

The Voltas 183 LYA Series Split AC is a 1.5 Ton, 1 Star rated air conditioning unit designed for efficient cooling. It features a high EER rotary compressor and uses R-22 refrigerant.



Figure 1: Indoor Unit of Voltas 183 LYA Series Split AC. This image shows the front panel of the indoor unit, typically mounted on a wall.



Figure 2: Outdoor Unit of Voltas 183 LYA Series Split AC. This image displays the condenser unit, which is installed outside the building. (Image is a placeholder)

SETUP AND INSTALLATION

Installation of the Voltas 183 LYA Series Split AC should only be performed by a qualified and certified technician. Improper installation can lead to electric shock, fire, water leakage, and other hazards.

Pre-Installation Checks

- Verify power supply matches unit specifications (230 V / 50 Hz / 1 Phase).
- Ensure adequate space for both indoor and outdoor units for proper airflow and maintenance.
- Check for a sturdy wall capable of supporting the indoor unit's weight (13 kg net).
- Confirm the outdoor unit's location allows for proper heat dissipation and drainage.

Connecting Pipes and Cables

The unit comes with a 3.5-meter connecting pipe (Cu-Cu type) and a 3.5-meter connecting cable. Ensure these are connected securely and correctly according to the wiring diagram provided with the physical product.

OPERATING INSTRUCTIONS

Your Voltas AC is controlled via an LCD remote. Familiarize yourself with the remote control functions for optimal use.

Basic Operation

1. **Power On/Off:** Press the **ON/OFF** button to start or stop the unit.
2. **Mode Selection:** Use the **MODE** button to cycle through cooling, fan, and dry modes.
3. **Temperature Adjustment:** Use the **TEMP UP** and **TEMP DOWN** buttons to set your desired temperature.
4. **Fan Speed:** Press the **FAN** button to adjust fan speed (Auto, Low, Medium, High).

Advanced Features

- **Sleep Mode:** Activates energy-saving operation during sleep.
- **Turbo Mode:** Provides rapid cooling for quick comfort.
- **Swing Function:** Controls the vertical airflow direction. The unit features 3D AirFlow for better air distribution.
- **Timer Function:** Set the unit to turn on or off automatically at a specified time.
- **Lock Function:** Prevents accidental changes to settings.



Figure 3: LCD Remote Control for Voltas 183 LYA Series AC. This image shows the layout of buttons and the LCD screen for operating the air conditioner. (Image is a placeholder as no specific URL was provided in the product data.)

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AC unit. Always disconnect power before performing any maintenance.

Air Filter Cleaning

The unit is equipped with an Anti Dust filter. Clean the air filters every two weeks or more frequently if used in dusty environments.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean filters with a vacuum cleaner or wash with lukewarm water.
4. Allow filters to dry completely before re-installing.

Outdoor Unit Maintenance

Periodically check the outdoor unit for obstructions (leaves, debris) and clean the coil fins. This should ideally be done by a professional technician annually.

TROUBLESHOOTING

Before calling for service, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
AC does not start	No power, circuit breaker tripped, remote batteries low.	Check power supply, reset breaker, replace remote batteries.
Insufficient cooling	Dirty air filters, blocked outdoor unit, wrong mode, low refrigerant.	Clean filters, clear obstructions, select Cool mode, contact service for refrigerant check.
Unusual noise	Loose parts, fan obstruction, unit not level.	Check for loose parts, clear obstructions, ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain pipe, improper installation.	Clear drain pipe, contact installer for inspection.

The unit features a Self Diagnosis system. If an error code appears on the display, refer to the full service manual or contact customer support.

SPECIFICATIONS

Detailed technical specifications for the Voltas 183 LYA Series Split AC.

Feature	Value
Model Number	1.5 T 183 LYA
Type	Non Inverter Split AC
Capacity	1.5 Tons
Energy Rating	1 Star (2018)
Rated Cooling Capacity	4950 W
Rated Power Input (Cooling)	1571 W
Rated EER	3.15 W/W
Power Supply	230 V / 50 Hz / 1 Phase
Refrigerant Gas	R-22
Air Flow Volume (Indoor)	850 CMH
Noise Level (Indoor)	46 dB(A)
Indoor Unit Dimensions (WxHxD)	920 x 222 x 336 mm
Indoor Unit Net Weight	13 kg
Outdoor Unit Dimensions (WxHxD)	840 x 540 x 300 mm
Outdoor Unit Net Weight	35.5 kg

Feature	Value
Connecting Pipe Length	3.5 meters
Connecting Cable Length	3.5 meters
Special Features	Anti Dust Filter, Self Diagnosis, Auto Restart, Sleep Mode, Turbo, Swing, LCD Remote, Lock, Timer, 3D AirFlow, Cross Flow Air Vent, Anti Bacterial Filter

WARRANTY AND SUPPORT

Your Voltas 183 LYA Series Split AC comes with the following warranty:

- **1 year** comprehensive warranty on the product.
- **5 years** warranty on the compressor.

For warranty claims, technical support, or service requests, please contact Voltas customer service. Refer to the warranty card included with your product for contact details and specific terms and conditions.

Included Components: 1 Main unit, Warranty card.