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› Voltas 1.5 Ton 5 Star Window AC (Model 1.5T 185 LY) User Manual

Voltas 1.5T 185 LY

Voltas 1.5 Ton 5 Star Window AC (Model 1.5T 185 LY) User Manual

Your guide to installation, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the Voltas 1.5 Ton 5 Star Window Air Conditioner, Model 1.5T 185 LY. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioner. Please read this manual thoroughly before using the appliance and keep it for future reference.

2. IMPORTANT SAFETY INFORMATION

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always ensure the unit is properly grounded.
- Do not operate the AC with wet hands.
- Do not insert fingers or objects into the air inlet/outlet.
- Ensure the power cord is not damaged or modified.
- Keep flammable materials away from the unit.
- For installation and major repairs, always contact qualified service personnel.
- Unplug the unit before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included:

- Main Unit (Voltas 1.5 Ton 5 Star Window AC)
- User Manual
- Remote Control (if applicable, not explicitly listed but standard for ACs)

- Mounting Accessories (if applicable, not explicitly listed)



Figure 1: Voltas 1.5 Ton 5 Star Window AC Main Unit. This image displays the complete air conditioner unit, showing its front grille and control panel area.

4. INSTALLATION AND SETUP

Proper installation is crucial for the performance and longevity of your air conditioner. It is highly recommended to have the unit installed by a qualified technician.

4.1 Site Selection

- Choose a window opening that can securely support the weight of the unit (86 kg).
- Ensure there is no obstruction to the airflow both inside and outside the room.
- The location should allow for easy drainage of condensed water.
- Avoid direct sunlight exposure to the outdoor unit if possible, or provide shading.

4.2 Electrical Requirements

- The unit requires a dedicated power circuit with appropriate voltage and amperage. Consult a qualified electrician.
- Ensure the power outlet is properly grounded.

4.3 Installation Steps (Professional Installation Recommended)







1. Prepare the window opening, ensuring it is clean and free of debris.
2. Carefully lift and place the AC unit into the window frame.
3. Secure the unit using the provided mounting brackets and screws.
4. Install the side panels to seal the gap between the unit and the window frame.
5. Ensure proper tilt for condensate drainage.
6. Connect to the power supply.

AC CAPACITIES

Consider the following factors before making your purchase.

ROOM SIZE (SQ FEET)	CAPACITY NEEDED (TONNAGE)
Up to 120	Up to 0.75
121 - 150	Up to 1
151 - 250	Up to 1.5
251 - 400	2 or above

OTHER FACTORS

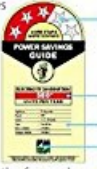
- 
 Hotter climate regions
- 
 Number and size of windows
- 
 Too many projects in the room
- 
 Customized room with a lot of furniture
- 
 Room on higher floors
- 
 Number of people

ENERGY EFFICIENCY

Choosing an energy efficient air conditioner

The Energy Efficiency Ratio (EER) is what matters when you're looking for something that cuts the electricity bill. This represents the amount of cooling the unit provides per watt of electricity that it consumes.

The star ratings that you see on a machine is based on the EER of the air conditioner set by the Bureau of Energy Efficiency (BEE). The more the stars the better. It also means that such machines will be expensive than the rest, but will save electricity.



While both split and window ACs have high EER ratios, the former have more models with a BEE 5 star rating than a window AC.

COMMON FEATURES

AIR QUALITY

An air conditioner with a good filter will directly affect the quality of the air indoors. Electrostatic and carbon filters are two such filters that can clear dust and odour.

DEHUMIDIFICATION

Air conditioners with a dehumidifier can reduce the humidity in the air and make the room cooler quickly. It's of great use if you live in a coastal town or during monsoons.

SLEEP MODE

This mode allows you to customise the temperature as per your own comfort through the night. This not only keeps the temp stable but also saves electricity.

Figure 2: Front view of the Voltas Window AC. This image highlights the air intake grille and the overall design of the unit, important for understanding placement and airflow.

5. OPERATING INSTRUCTIONS

This section explains how to use your Voltas Window AC for optimal comfort and efficiency.

5.1 Control Panel Overview

The control panel on the front of the unit (or your remote control) allows you to adjust settings.



SMART Savings



SMART Remote



SMART Sense

Figure 3: Voltas Window AC showcasing smart features. This image illustrates the unit's design and indicates areas related to its smart functionalities, such as smart savings, smart remote, and smart sense.

5.2 Basic Operation

- **Power On/Off:** Press the **POWER** button to turn the unit on or off.
- **Mode Selection:** Use the **MODE** button to cycle through modes: Cool, Fan, Dry (Dehumidifier).
- **Temperature Adjustment:** Use the **TEMP UP** and **TEMP DOWN** buttons to set your desired temperature.
- **Fan Speed:** Adjust fan speed (Low, Medium, High, Auto) using the **FAN SPEED** button.

5.3 Special Features

- **Anti-Bacterial Filter:** This feature helps to remove bacteria and allergens from the air, providing cleaner air quality.
- **Dehumidifier:** In Dry mode, the unit reduces humidity in the room, which is beneficial in humid climates.
- **Sleep Mode:** Optimizes cooling for comfortable sleep by gradually increasing the temperature and reducing fan speed.

6. MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your air conditioner. Always unplug the unit before performing any maintenance.

6.1 Air Filter Cleaning

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with lukewarm water and mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before re-installing.
5. Re-install the filters and close the front panel.

Frequency: Clean air filters every two weeks or more often if the unit is used frequently or in dusty environments.

6.2 Coil Cleaning

The evaporator and condenser coils should be cleaned periodically by a qualified service technician to ensure optimal performance.

6.3 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the drainage pan and hose are clear of blockages.

7. TROUBLESHOOTING

Before contacting customer service, please refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; circuit breaker tripped; power cord unplugged.	Check power connection; reset circuit breaker; ensure plug is fully inserted.
Insufficient cooling.	Dirty air filter; blocked air intake/outlet; room too large; doors/windows open.	Clean air filter; remove obstructions; ensure room is sealed; check AC capacity for room size.
Water leakage.	Drain hose blocked or improperly installed; unit not level.	Clear drain hose; ensure unit is level for proper drainage.
Unusual noise.	Loose parts; foreign object in fan; unit not securely installed.	Check for loose parts; inspect for foreign objects; ensure secure installation. If noise persists, contact service.

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

8. SPECIFICATIONS

Feature	Detail
Brand	Voltas
Model Number	1.5T 185 LY
Capacity	1.5 Tons
Cooling Power	3200 Watts
Item Weight	86 kg
Product Dimensions (LxWxH)	79 x 66 x 43 Centimeters
Special Features	Anti Bacterial Filter, Dehumidifier
Color	White
Manufacturer	Voltas

9. WARRANTY AND SUPPORT

9.1 Warranty Information

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

9.2 Customer Support

For technical assistance, service requests, or any queries regarding your Voltas product, please contact Voltas customer support. Contact details can typically be found on the Voltas official website or on your warranty card. You can also visit the official Voltas store page for more information:[Voltas Store](#)