

Onida IR183DAS

ONIDA 1.5 Ton 3 Star Inverter Split AC User Manual

Model: IR183DAS | Brand: Onida

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your ONIDA 1.5 Ton 3 Star Inverter Split Air Conditioner, model IR183DAS. Please read this manual thoroughly before using the appliance and retain it for future reference.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury. This appliance uses R32 refrigerant, which is mildly flammable. Ensure proper ventilation during installation and servicing.

- **Installation:** Installation must be performed by qualified service personnel in accordance with national wiring standards.
- **Power Supply:** Ensure the power supply matches the rating label. Do not use damaged power cords or plugs.
- **Maintenance:** Disconnect power before cleaning or performing maintenance. Do not attempt to repair the unit yourself.
- **Children:** Keep children away from the unit and remote control.
- **Ventilation:** Ensure the outdoor unit has adequate airflow.
- **Flammable Materials:** Do not place flammable materials near the unit.

PRODUCT OVERVIEW

The ONIDA IR183DAS is a 1.5 Ton 3 Star Inverter Split AC designed for efficient cooling. It features an inverter compressor for variable speed operation, a durable copper condenser, and uses R32 environmental-friendly refrigerant.

Key Features:

- **Inverter Compressor:** Variable speed compressor for energy efficiency and quiet operation.
- **Copper Condenser:** Ensures durability and efficient heat transfer.
- **R32 Refrigerant:** Environmentally friendly with no ozone depletion potential.

- **2 Way Swing:** Distributes air effectively across the room.
- **Dust Filter:** Helps in providing cleaner air.
- **Cools at 55°C:** Designed to operate effectively even in high ambient temperatures.
- **Low Noise Level:** Indoor unit operates at 34 dB for a quiet environment.
- **Ocean Black Protection & Anti Corrosive Blue Fin:** Enhances durability of the condenser coil.
- **Flexi 5:** Offers 5 fan speed steps for customized cooling.
- **Remote Sensor Cooling:** Adjusts cooling based on the temperature at the remote's location.
- **Air Dry Technology:** Helps keep the indoor coil dry and clean.
- **Dual Drainage Flexibility:** Allows for flexible installation options.
- **Compressor Acoustic Jacket:** Reduces outdoor unit noise.

Components Included:

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



Image: ONIDA Inverter Split AC highlighting key features like Inverter Compressor, Copper Condenser, R32 Refrigerant, Annual Power Consumption, Low Noise Level, and ability to cool at 55°C ambient temperature.



Image: Front view of the ONIDA 1.5 Ton Inverter Split AC indoor unit.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your air conditioner. It is strongly recommended that installation be carried out by a certified technician.

Pre-Installation Checks:

- Ensure the installation site can support the weight of both indoor and outdoor units.
- Verify that the power supply meets the unit's requirements (140 Volts, 540 Watts).
- Confirm adequate space for air circulation around both units.
- Consider the dual drainage flexibility for optimal water disposal.

Unit Dimensions:

Refer to the following dimensions for planning your installation space:

- **Indoor Unit (IDU):** 81.0 cm (Width) x 26.9 cm (Height) x 21.1 cm (Depth)
- **Outdoor Unit (ODU):** 84 cm (Width) x 56 cm (Height) x 30 cm (Depth)

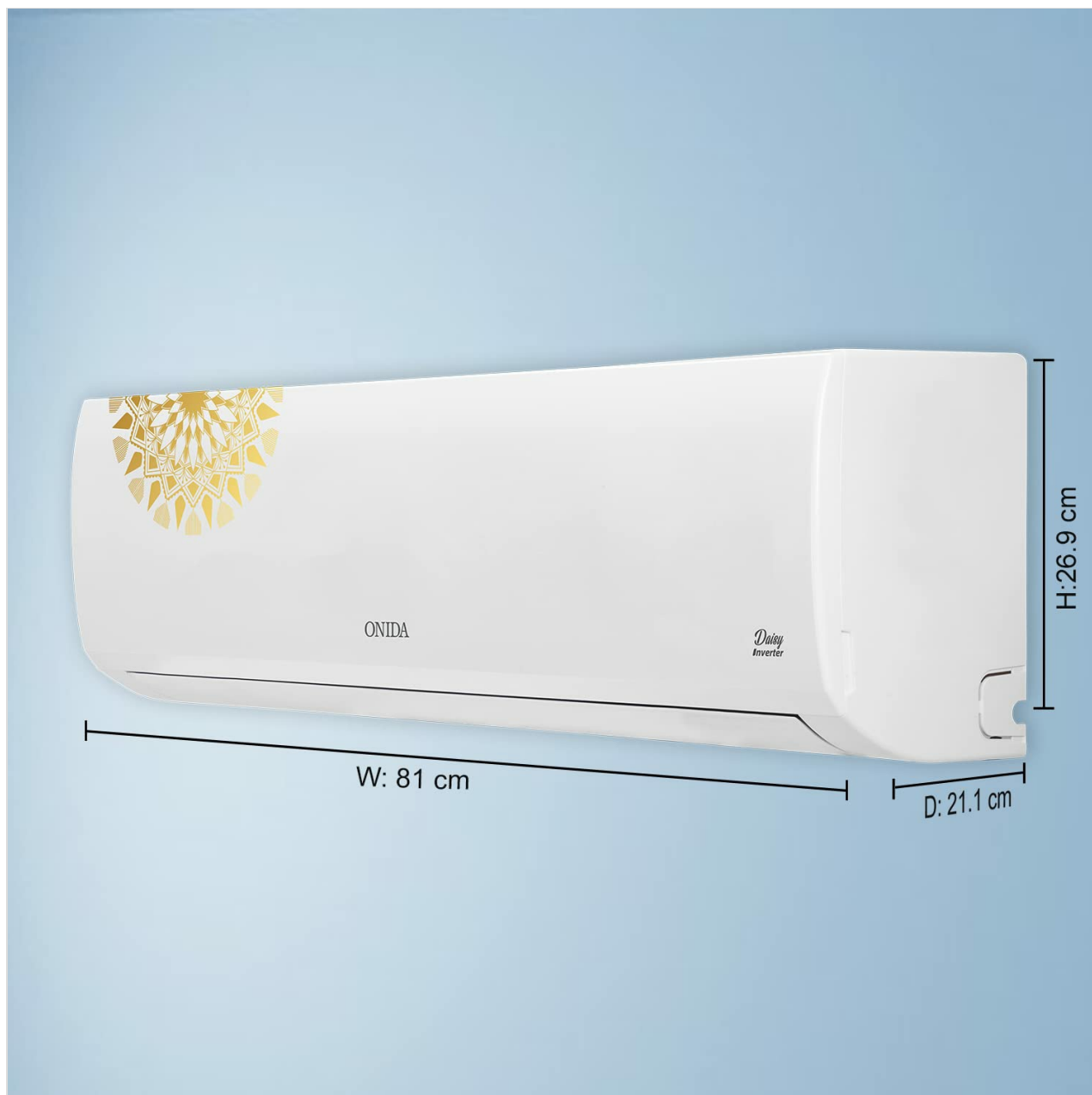


Image: Diagram showing the dimensions of the ONIDA AC indoor unit (Width: 81 cm, Height: 26.9 cm, Depth: 21.1 cm).



Image: Diagram showing the dimensions of the ONIDA AC outdoor unit (Width: 84 cm, Height: 56 cm, Depth: 30 cm), also indicating Max Ambient Temperature and Compressor Acoustic Jacket.



Image: Illustration demonstrating the dual drainage flexibility feature, allowing the drain pipe to be connected from either side of the indoor unit.

OPERATING INSTRUCTIONS

Your ONIDA AC is controlled via the provided remote control. Ensure batteries are correctly inserted before use.

Remote Control Functions:

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through operating modes (Cool, Fan, Dry, Auto).
- **Temperature Adjustment:** Use '+' and '-' buttons to set desired temperature.
- **Fan Speed:** Adjusts fan speed (e.g., Low, Medium, High, Auto, Flexi 5 options).
- **Swing Button:** Activates/deactivates the 2-way swing function for air distribution.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep and energy saving.
- **Remote Sensor Cooling:** Activates the sensor in the remote to detect ambient temperature for more precise cooling.



Image: Illustration of the Flexi 5 feature, showing different cooling percentages (40% Feather Kool, 60% Efficient Kool, 80% Sensi Kool, 100% Super Kool, 120% Turbo Kool) selectable via the remote control.



Image: A person using the remote control, illustrating the Remote Sensor Cooling feature where the AC adjusts cooling based on the temperature detected by the remote.



Image: Illustration showing the 2 Way Swing feature, indicating upward and downward airflow for even distribution.



Image: A child sleeping peacefully, representing the quiet operation and comfort provided by the AC, especially in Sleep Mode.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your AC. Always disconnect power before performing any maintenance.

Dust Filter Cleaning:

The anti-dust filter 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. Carefully remove the dust filters.
3. Clean the filters with 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.



Image: Diagram illustrating the Anti Dust Filter, showing how it captures dust and allows fresh air to pass through, emphasizing the need for cleaning.

Air Dry Technology:

This feature helps prevent mold and mildew growth by drying the indoor coil after cooling operation. Ensure this function is enabled for better hygiene.



Image: Illustration showing the indoor coil, with one side labeled "Moisture on the coil" and the other "Dry and clean coil," demonstrating the effect of Air Dry Technology.

General Cleaning:

- Wipe the indoor unit's exterior with a soft, damp cloth. Do not use harsh chemicals.
- Periodically check the outdoor unit for obstructions (leaves, debris) and clear them carefully.
- Professional servicing is recommended annually to check refrigerant levels, coil cleanliness, and overall system health.

TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
AC does not turn on.	No power, remote batteries dead, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling.	Dirty air filter, blocked outdoor unit, wrong mode, room too large.	Clean air filter, clear obstructions from outdoor unit, select 'Cool' mode, ensure capacity matches room size.

Problem	Possible Cause	Solution
Unusual noise.	Loose parts, foreign objects, compressor issue.	Check for loose parts, remove foreign objects. If noise persists, contact service.
Water leakage from indoor unit.	Clogged drain pipe, improper installation.	Clear drain pipe. If issue persists, contact a qualified technician.

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

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Onida
Model Name	IR183DAS
Capacity	1.5 Tons
Energy Rating	3 Star
Annual Energy Consumption	969.15 Units per year
ISEER Value	3.94
Cooling Power	5200 Kilowatts
Refrigerant	R-32
Compressor Type	Rotary Inverter
Condenser Material	Copper
Indoor Unit Noise Level	34 dB
Outdoor Unit Noise Level	56 dB
Indoor Unit Dimensions (WxHxD)	81.0 x 26.9 x 21.1 cm
Outdoor Unit Dimensions (WxHxD)	84 x 56 x 30 cm
Item Weight (Indoor Unit)	9.5 kg
Item Weight (Outdoor Unit)	24.0 kg
Power Source	Corded Electric
Voltage	140 Volts
Wattage	540 Watts





POWER SAVINGS GUIDE



ENERGY EFFICIENCY
ISEER - 3.94*

Label Period: 1st July 2022 - 31st Dec 2024

Appliance /Type	: RAC/SPLIT
Brand	: ONIDA
Model /Year	: IR183DAS/2022
Cooling Capacity (100%)	: 4930 (W)
Cooling Capacity (50%)	: 2500 (W)
Electricity Consumption	: 969.15 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: No



*Under test conditions, when tested in accordance with ISO 16358 & based on 1600 operating hours per annum.
Actual electricity consumption will depend on how the appliance being used.

WARRANTY AND SUPPORT

Warranty Information:

Your ONIDA IR183DAS Air Conditioner comes with the following warranty:

- **1 Year** on Product
- **5 Years** on Condenser
- **5 Years** on Compressor

Please refer to the warranty card included with your product for detailed terms and conditions.

Customer Support:

For any service requests, technical assistance, or inquiries, please contact ONIDA customer care:

- **Email:** customer.care@onida.com
- **Phone:** 7490955555
- **Manufacturer Address:** MIRC ELECTRONICS LTD, VILLAGE KUDUS, WADA BHIWANDI ROAD, TALUKA WADA, DIST-PALGHAR- 421312