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Bajaj 480145

Bajaj Shield Series Mighty 115 Litre Desert Air Cooler - Model 480145 User Manual

Your guide to safe and efficient operation

1. Introduction

Thank you for choosing the Bajaj Shield Series Mighty 115 Litre Desert Air Cooler, Model 480145. This manual provides essential information for the proper installation, operation, and maintenance of your air cooler. Please read it thoroughly before using the appliance and retain it for future reference. This cooler is designed to provide efficient and healthy cooling for your home with features like the Dura Marine Pro Pump, Anti-bacterial Hexacool Master, and Turbo Fan Technology.

2. Safety Instructions

To ensure safe operation and prevent damage, please observe the following safety precautions:

- Always connect the cooler to a grounded electrical outlet with the correct voltage (230 Volts).
- Do not operate the cooler with a damaged cord or plug. Contact customer service for repairs.
- Ensure the cooler is placed on a stable, level surface to prevent tipping.
- Keep children and pets away from the cooler during operation.
- Do not insert objects into the air vents or openings.
- Unplug the cooler from the power supply before filling water, cleaning, or performing any maintenance.
- Do not spray water directly onto the cooler's electrical components.
- Avoid placing the cooler near heat sources or in direct sunlight for extended periods.
- Ensure adequate ventilation around the cooler for optimal performance.

3. Product Overview

3.1 Key Features

- **DuraMarine Pro Pump:** Equipped with a higher insulation pump for enhanced protection against moisture, extending pump life.
- **Anti-bacterial Hexacool Technology:** Hexacool master pads prevent bacterial growth, ensuring fresh and

healthy air delivery.

- **Dura Tuff Pro Motor:** Designed for durability and efficient performance.
- **Ice Chamber:** Integrated chamber for adding ice cubes to enhance cooling.
- **3-Speed Control:** Adjustable airflow with three speed settings to suit your comfort.
- **Powerful Air Delivery:** Delivers 5400 CMH (peak) and 3700 CMH (average) for effective cooling over a 300 sq ft area.
- **Turbo Fan Technology:** Ensures efficient circulation of air with a powerful air throw of up to 100 feet.
- **Detachable Tank Tower:** Facilitates convenient cleaning and refilling of the water tank.
- **3-Sided Honeycomb Pads:** Maximizes cooling efficiency.
- **Multi-functional Modes:** Includes Normal, Natural, and Sleep modes for customized cooling.

3.2 Components Included

- Bajaj Shield Series Mighty 115 Litre Desert Air Cooler Unit
- Castor Wheels (for mobility)
- User Manual

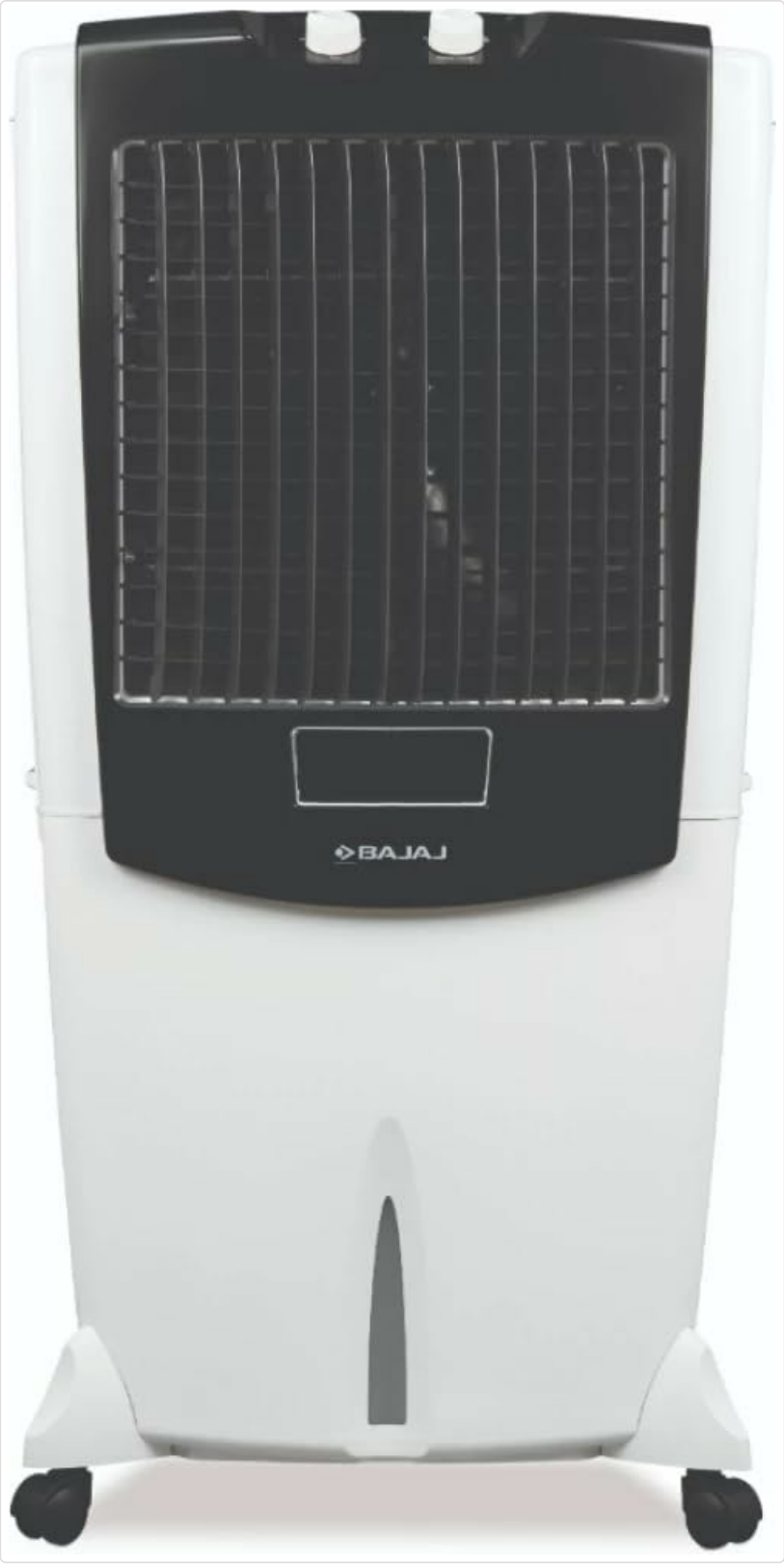


Figure 1: Front view of the Bajaj Shield Series Mighty 115 Litre Desert Air Cooler.



Figure 2: Overview of the cooler highlighting 115-litre water tank, Anti-bacterial Hexacool Master, Turbo Fan Technology, 30M Powerful Air Throw, Honeycomb Cooling Media, Ice Chamber, 3-side Cooler Master, and 3-speed Control.



Figure 3: Detailed illustration of cooler features including 4-way mobility, 4-way swing deflection, Turbo Fan Technology, Anti-bacterial Hexacool Master, Digital Display and Control Panel, 3/4/5 Level Speed Control, Typhoon Blower Technology, MaxCool Technology, 3-Side Cooler Master, Powerful Air Throw, Ice Chamber, Hexacool Technology, and Surround Cooling Master.

4. Setup

4.1 Unpacking

Carefully remove the air cooler from its packaging. Inspect the unit for any signs of damage. Retain the packaging materials for future storage or transport.

4.2 Attaching Castor Wheels

The castor wheels are provided separately for easy mobility. Turn the cooler upside down or tilt it carefully. Insert the stem of each castor wheel into the designated holes at the bottom of the cooler until they click securely into place. Ensure all wheels are firmly attached before placing the cooler upright.

4.3 Placement

Place the air cooler on a firm, level surface in a well-ventilated room. For optimal cooling, position the cooler near an open window or door to draw in fresh air and allow humid air to escape. Ensure there is at least 20 cm of space around the cooler for proper airflow.

4.4 Initial Water Filling

Locate the water inlet on the cooler. Fill the water tank with clean water up to the 'MAX' indicator line. The cooler has a reservoir capacity of 115 liters. Do not overfill. For enhanced cooling, you may add ice cubes to the dedicated ice chamber.

5. Operation

Once the cooler is set up and filled with water, plug it into a suitable electrical outlet.

5.1 Control Panel

The cooler is operated using control knobs located on the top panel. These knobs allow you to adjust fan speed, cooling mode, and swing function.

5.2 Adjusting Fan Speed

Turn the fan speed knob to select from three available speeds: Low, Medium, or High. Adjust according to your cooling preference.

5.3 Selecting Cooling Mode

The cooler offers three multi-functional modes:

- **Normal Mode:** Provides continuous cooling at the selected fan speed.
- **Natural Mode:** Simulates natural breeze by varying fan speed automatically.
- **Sleep Mode:** Operates at a lower, quieter setting for comfortable night-time use.

Select the desired mode using the dedicated knob.

5.4 Using the Ice Chamber

For extra cooling, open the ice chamber lid and place ice cubes inside. Close the lid securely. The melting ice will

cool the water, resulting in colder air output.

5.5 Air Swing Function

Activate the swing function to oscillate the vertical louvers, distributing cool air across a wider area. This feature can be controlled via a dedicated knob or button on the control panel.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your air cooler. Always unplug the cooler before cleaning.

6.1 Cleaning the Water Tank

The detachable tank tower makes cleaning easy. Periodically drain the old water and clean the tank to prevent algae growth and maintain hygiene. Use a soft cloth and mild detergent if necessary, then rinse thoroughly.

6.2 Cleaning Honeycomb Pads

The Anti-bacterial Hexacool pads should be cleaned regularly to maintain air quality and cooling efficiency. Remove the back panel to access the pads. Gently rinse them under running water to remove dust and mineral deposits. Allow them to dry completely before reinserting.

6.3 Exterior Cleaning

Wipe the exterior of the cooler with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the plastic surface.

6.4 Storage

If storing the cooler for an extended period, ensure the water tank is completely drained and dry. Clean all components, especially the honeycomb pads, and store the cooler in a dry, dust-free environment.

7. Troubleshooting

If you encounter any issues with your air cooler, refer to the following common problems and solutions:

- **Cooler not turning on:** Check if the power cord is securely plugged into a working outlet. Ensure the power switch is in the 'ON' position.
- **No or insufficient cooling:** Verify that the water tank is filled to the appropriate level. Clean the honeycomb pads if they are clogged with dust or mineral deposits. Ensure there is adequate ventilation in the room.
- **Unusual noise:** Check for any obstructions in the fan blades. Ensure the cooler is on a stable, level surface. If the noise persists, contact customer support.
- **Water leakage:** Ensure the water tank cap is securely closed and there are no cracks in the tank. Check for proper placement of the drain plug.

For problems not listed here or if issues persist, please contact Bajaj customer care.

8. Specifications

Feature	Specification
Brand	Bajaj

Model Name	Bajaj Shield Series Mighty 115
Model Number	480145
Reservoir Capacity	115 Liters
Floor Area Coverage	300 Square Feet
Item Weight	18.3 Kilograms
Item Dimensions (D x W x H)	52D x 63.5W x 117H Centimeters
Material	Plastic
Colour	White Black
Controls Type	Knob
Number Of Speeds	3
Wattage	200.00 Watts
Voltage	230 Volts
Operation Mode	Automatic
Special Features	Dura Marine Pro Pump, Dura Tuff Pro Motor, Anti-bacterial Hexacool Technology, Ice Chamber, Turbo Fan Technology

9. Warranty and Support

9.1 Warranty Information

Your Bajaj Shield Series Mighty 115 Litre Desert Air Cooler comes with the following warranty:

- **Motor:** 3 Years
- **Pump:** 3 Years
- **Product:** 1 Year

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions.

9.2 Customer Support

For any service-related queries, assistance, or to register a complaint, please contact Bajaj customer care:

- **Customer Care Number:** 022 - 4138 0000
- **WhatsApp Number:** +91 70399 20000
- **Email:** consumercare@bajajelectricals.com
- **Official Website:** shop.bajajelectricals.com



Figure 4: Bajaj Customer Care contact details for service-related queries.

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