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› SHARP Dehumidifier with Air Purifier DW-J20FM-W User Manual

SHARP DW-J20FM-W

SHARP Dehumidifier with Air Purifier DW-J20FM-W User Manual

Model: DW-J20FM-W | Brand: SHARP

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your SHARP Dehumidifier with Air Purifier, model DW-J20FM-W. This appliance is designed to reduce humidity, purify air using Plasmacluster technology, and assist in drying clothes. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: The SHARP DW-J20FM-W Dehumidifier in a typical room environment.

2. SAFETY INFORMATION

To prevent injury to users or damage to property, always observe the following basic safety precautions:

- Read all instructions before using the appliance.
- Ensure the appliance is placed on a stable, level surface.
- Do not block air inlets or outlets. Maintain adequate clearance around the unit.
- Do not operate the appliance with a damaged power cord or plug.
- Always unplug the unit before cleaning or performing maintenance.
- For optimal dehumidification, ensure doors and windows of the room are closed during operation.
- Keep children and pets away from the appliance during operation.

3. PRODUCT OVERVIEW

Key Features:

- **Plasmacluster Technology:** Utilizes positive and negative ions to purify the air.
- **Advanced Filtration:** Equipped with True HEPA, Active Charcoal, and Pre-filters for comprehensive air purification.
- **High Dehumidification Capacity:** Extracts up to 20 liters of moisture per day.
- **Large Coverage Area:** Effective in spaces up to 550 sq. ft. (50 sq. mtrs.).
- **Multiple Operating Modes:** Auto, Dehumidifying, Laundry, Deodorizing, Sleep, Medium, and High.
- **Intelligent Sensors:** Includes Odour, Light, and Water Tank Full sensors.
- **Real-time Monitoring:** Displays PM2.5 levels, Temperature, and Humidity.
- **Mobility:** Integrated casters for easy movement.

Components:

The SHARP DW-J20FM-W unit consists of the main body, control panel, air inlet, air outlet, and a removable water tank. The unit also features integrated casters for convenient relocation.

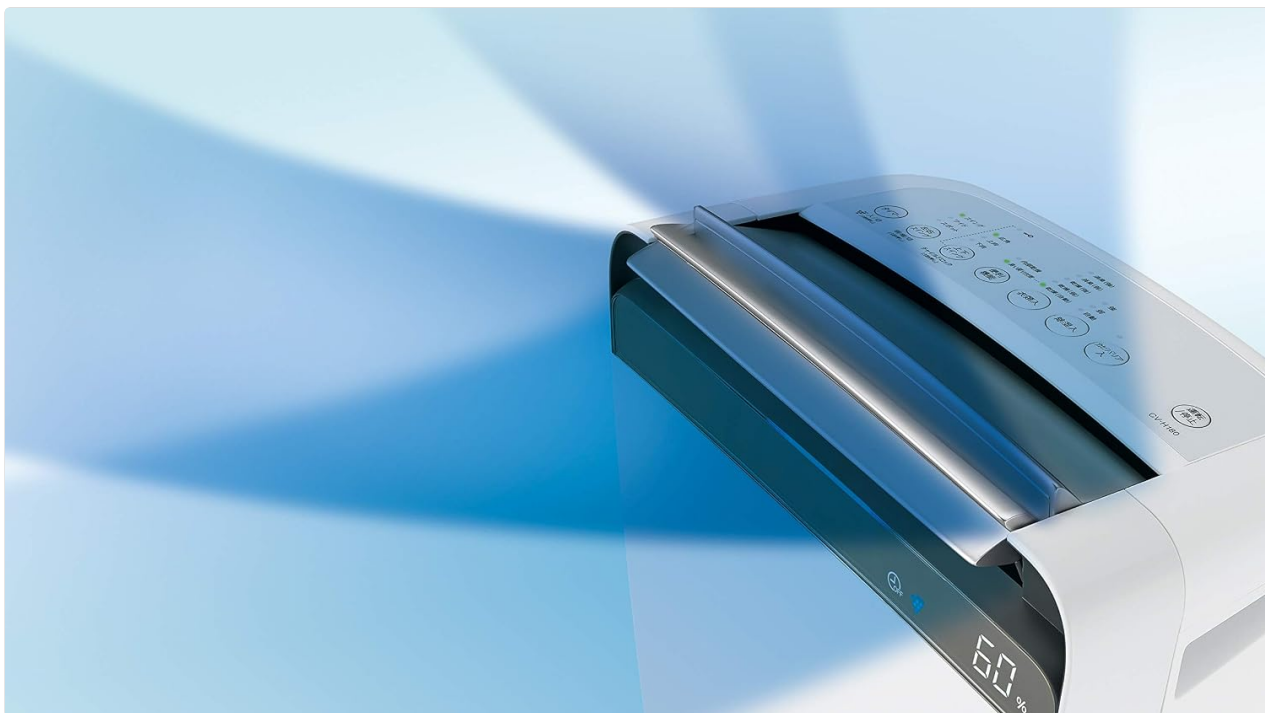


Image 3.1: Front view of the SHARP DW-J20FM-W Dehumidifier.



Image 3.2: Integrated casters for easy mobility.

4. SETUP

4.1 Unpacking

1. Carefully remove the appliance from its packaging.
2. Remove all protective materials, including any plastic wrapping from the filters located inside the unit.
Failure to remove filter wrapping will prevent proper operation.
3. Check for any visible damage. If damaged, do not operate and contact customer support.

4.2 Placement

- Place the dehumidifier on a firm, level surface in the desired room.

- Ensure there is at least 20 cm (8 inches) of space around the air inlet and outlet for proper airflow.
- For effective dehumidification, operate the unit in an enclosed space with doors and windows closed.
- Avoid placing the unit near heat sources or in direct sunlight.



Image 4.1: Proper placement of the dehumidifier for optimal air circulation.

4.3 Power Connection

Plug the power cord into a grounded electrical outlet that matches the voltage requirements of the unit. Do not use extension cords or adapters.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

The control panel is located on the top of the unit and features various buttons and indicators for operation.



Image 5.1: Control panel with display and function buttons.

5.2 Power On/Off

Press the **Power** button to turn the unit on or off.

5.3 Mode Selection

Press the **Mode** button to cycle through the available operating modes:

- **Auto:** Automatically adjusts dehumidification based on ambient humidity.
- **Dehumidifying:** Operates to reduce room humidity. Can be set to a target humidity level.
- **Laundry:** Optimized airflow and dehumidification for drying clothes indoors.
- **Deodorizing:** Activates Plasmacluster ions to reduce odors.
- **Air Purification Only:** Operates solely as an air purifier without dehumidification.
- **Sleep:** Operates quietly with dimmed display.
- **Medium & High:** Fan speed settings.



Image 5.2: The unit in Laundry mode, assisting with clothes drying.

5.4 Humidity Setting

In Dehumidifying mode, you can set your desired humidity level between 40% and 60% in 5% increments. The unit will operate to maintain this level.

5.5 Continuous Drainage

For continuous operation without emptying the water tank, connect a suitable drainage hose (not included) to the continuous drainage port on the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage.

5.6 Water Tank Management

The unit has a 4.6-liter water tank. When the tank is full, the unit will automatically shut off, and a 'Water Tank Full' indicator will illuminate. Carefully remove the tank, empty the collected water, and reinsert it securely to resume operation.

5.7 Child Lock

To activate or deactivate the child lock, press and hold the designated button (refer to control panel diagram) for a few seconds. This prevents accidental changes to settings.

5.8 Airflow Swing

The unit features both horizontal and vertical swing options to distribute purified and dehumidified air effectively throughout the room.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

6.1 Filter Cleaning and Replacement

- **Pre-filter:** The pre-filter should be cleaned regularly (e.g., every two weeks) by vacuuming or washing with water. Allow it to dry completely before reinserting.
- **HEPA and Active Carbon Filters:** These filters have an estimated lifespan of 5 years under normal usage. They are not washable and should be replaced when the filter indicator light illuminates or when a decrease in air purification performance is noticed. Replacement filters can be purchased from authorized SHARP service centers.

6.2 Water Tank Cleaning

Clean the water tank periodically to prevent mold and mildew growth. Use a mild detergent and water, rinse thoroughly, and dry before reinserting.

6.3 Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	No power; Water tank full; Power cord not connected.	Check power supply; Empty water tank; Ensure power cord is securely plugged in.
Noisy operation	Unit not level; Obstruction in fan; Internal component vibration.	Place on a level surface; Check for and remove obstructions; If noise persists, contact service.
Ineffective dehumidification	Room not sealed; Air filters clogged; Room size exceeds capacity.	Close doors and windows; Clean or replace filters; Ensure unit is appropriate for room size.
Sensors not responding	Sensor blocked or dirty.	Ensure sensor area is clear and clean.

8. SPECIFICATIONS

Specification	Detail
Brand	SHARP
Model Name	DW-J20FM-W
Dehumidification Capacity	20 Liters per Day
Water Tank Volume	4.6 Liters
Recommended Coverage Area	Up to 550 Sq. Ft. (50 Sq. Mtrs.)
Clean Air Delivery Rate (CADR)	258 m³/Hr
Power Consumption (Dehumidification & Laundry)	260 Watts
Power Consumption (Air Purification only)	50/7.3 Watts
Product Dimensions (D x W x H)	30.1D x 35.9W x 66.5H Centimeters
Item Weight	10 Kilograms
Material Type	Plastic
Country of Origin	China



Image 8.1: Product dimensions in millimeters.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your SHARP Dehumidifier with Air Purifier DW-J20FM-W comes with a **1 Year ONSITE Warranty** provided by the manufacturer from the date of purchase. Please retain your purchase receipt for warranty claims.

9.2 Customer Support

For service, support, or inquiries, please contact SHARP customer service:

- **Toll-Free Number:** 1800-4254-322
- **Email:** pci@sharp-oa.com
- **Manufacturer:** SHARP Business Systems (India) Pvt. Ltd.