**SHARP DW-T30FM-W**

# SHARP Dehumidifier with Air Purifier DW-T30FM-W User Manual

Model: DW-T30FM-W

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your SHARP Dehumidifier with Air Purifier, Model DW-T30FM-W. Please read this manual thoroughly before using the appliance and retain it for future reference.

The SHARP DW-T30FM-W is designed to improve indoor air quality by reducing humidity and purifying the air using Plasmacluster technology, HEPA, and deodorizing filters. It also features specialized modes for laundry and shoe drying.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- 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 unit with a damaged power cord or plug.
- Keep the unit away from direct sunlight and heat sources.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use a powerful vacuum cleaner directly on the filters; use a light vacuum or brush.
- When cleaning filters, wear a mask as they trap microscopic particles.
- Ensure the water container is dry if the unit will not be used for an extended period to prevent mold growth.

# 3. PRODUCT FEATURES

The SHARP DW-T30FM-W combines advanced dehumidification and air purification technologies:

- **Air Quality Display:** Provides real-time, color-coded information on indoor pollutants and humidity levels for easy monitoring.
- **Smart Automatic Operation:** Adjusts compressor activity based on real-time humidity, maintaining your preferred humidity level (40% to 70%) efficiently.
- **Coanda Airflow Technology:** Circulates purified air throughout the room, enhancing dust and pollutant removal and ensuring even air distribution.
- **Free Casters for Easy Mobility:** Equipped with 360-degree rotating casters for convenient movement and placement without tools.
- **Automatic Internal Drying Function:** Activates after operation stops to dry the unit's interior, preventing moisture buildup and mold growth.
- **Multi-Angle Louver Settings:** Automatic louver offers wide, top, up, and down angles to distribute dry, purified air evenly across various room layouts.
- **Shoes and Closet Drying Attachment:** Directs dry air into tight spaces to quickly remove moisture from footwear, closets, and drawers, preventing odors.
- **Speedy Laundry Drying Mode:** Reduces indoor laundry drying time significantly, ideal for humid or rainy days.
- **1-2-Tank Design:** Minimizes water spillage and simplifies water disposal with a two-step emptying process.
- **Low Noise Operation:** Designed to operate quietly, suitable for use in bedrooms, living rooms, or offices without disruption.

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# 4. SETUP

Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the unit from its packaging. Inspect for any damage.
2. **Placement:** Place the dehumidifier on a firm, level surface. Ensure there is sufficient space around the unit for proper airflow (as shown in the image below). The integrated casters allow for easy repositioning.

Figure 1: SHARP Dehumidifier dimensions and side view. The unit measures 359mm in width, 303mm in depth, and 665mm in height, indicating its compact design for placement in various rooms.

Figure 2: SHARP Dehumidifier in a living space, illustrating its effective dehumidification capacity of 30 liters per day for a recommended room size of 39-77m².

3. **Power Connection:** Plug the power cord into a suitable electrical outlet.

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# 5. OPERATING INSTRUCTIONS

Familiarize yourself with the control panel and various operating modes.

## 5.1 Control Panel and Air Quality Display



Figure 3: The control panel features an intuitive air quality display, showing real-time air quality with color indicators ranging from clean air (blue) to dirty air (red).

The display provides visual feedback on air quality and humidity. Blue indicates clean air, while red indicates dirty air or high pollutant levels.

## 5.2 Basic Operation

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Humidity Selection:** Use the humidity select button to set your desired humidity level between 40% and 70%. The unit will automatically adjust its operation to maintain this level.
- **Mode Selection:** Choose between Dehumidification, Air Purification, or combined modes.

## 5.3 Specialized Modes

- **Laundry Drying Mode:** This mode utilizes wide airflow and dual louvers to dry clothes efficiently.

Figure 4: The SHARP Dehumidifier in Laundry Drying Mode, demonstrating its ability to dry clothes quickly with wide airflow and dual louvers, reducing drying time to approximately 75 minutes.

- **Multi-Angle Louver:** Adjust the louver to wide, top, up, or down angles to direct airflow for optimal drying or air distribution.



Figure 5: Illustrations of the multi-angle louver settings (Wide, Top, Up, Down) for precise airflow direction, suitable for various drying needs and room layouts.

- **Shoes and Closet Drying:** Attach the specialized nozzle to direct dry air into shoes or small enclosed spaces.



Figure 6: A user demonstrating the shoe drying attachment, which connects to the dehumidifier to direct airflow for efficient drying of footwear and small spaces.

# 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit.

## 6.1 Filter System

The unit features a multi-stage filtration system:

- **Fine Mesh Pre-filter:** Captures larger particles like dust and pet hair.
- **Activated Carbon Deodorizing Filter:** Absorbs odors, VOCs, and other common household smells.
- **HEPA Filter:** Captures 99.97% of 0.3-micron particles, including viruses, bacteria, mold, pollen, and dander.
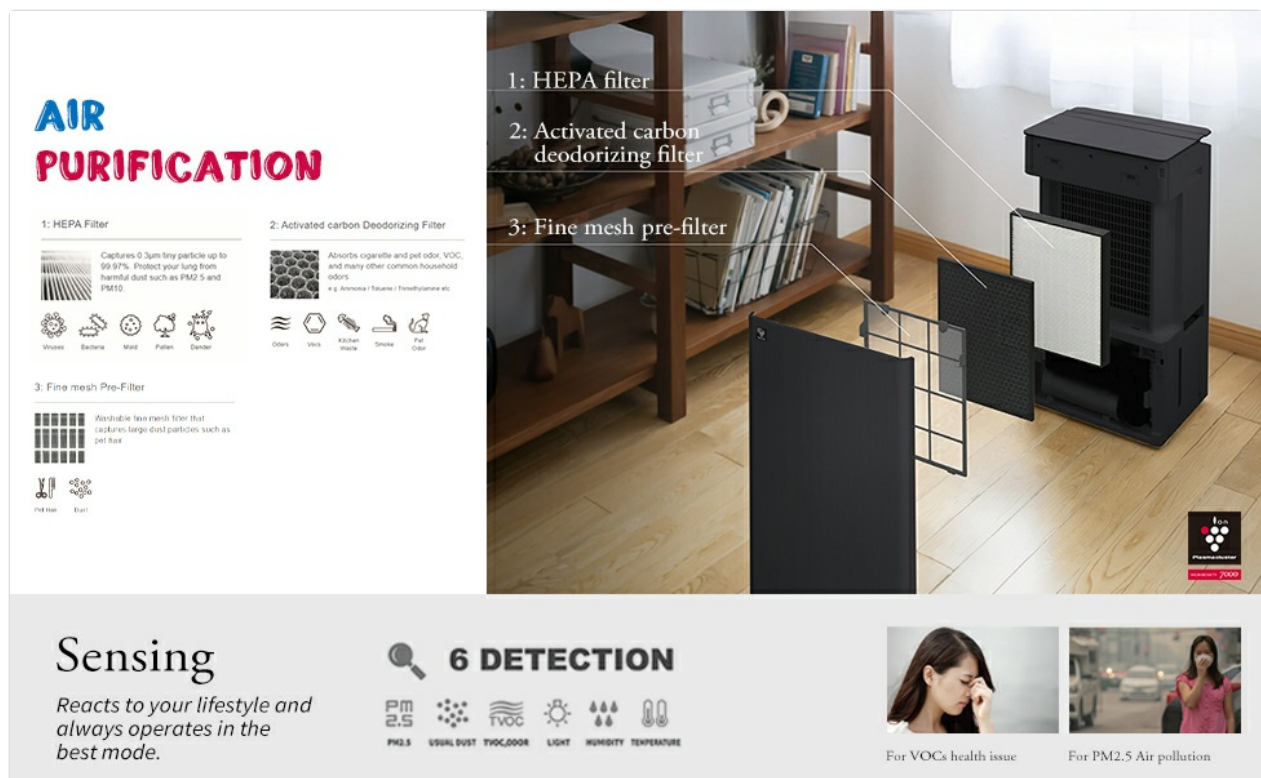


Figure 7: An exploded view illustrating the three-stage air purification system, including the HEPA filter for fine particles, activated carbon deodorizing filter for odors, and a fine mesh pre-filter for larger debris.

## 6.2 Filter Cleaning and Replacement

- **Pre-filter:** Clean regularly by lightly vacuuming or rinsing with water. Ensure it is completely dry before reinserting.
- **HEPA and Activated Carbon Filters:** These filters are not washable. Lightly vacuum the exterior to remove surface dust. Do not use a powerful vacuum directly on the filter material. Replace these filters approximately every 2 years, depending on usage and environmental conditions. Always wear a mask when handling used filters, especially the HEPA filter, as it contains trapped microscopic particles.

## 6.3 Water Tank Maintenance

The 1-2-Tank design simplifies water disposal.

1. **Emptying:** When the tank is full, the unit will stop operating. Pull out the tank, carry it, and dispose of the collected water.

Figure 8: The 1-2-Tank system for easy water disposal. Step 1: Pull out the tank. Step 2: Carry and dispose of the collected water.

- **Continuous Drainage:** For extended operation without manual emptying, a continuous drainage hose can be connected (refer to the diagram below).
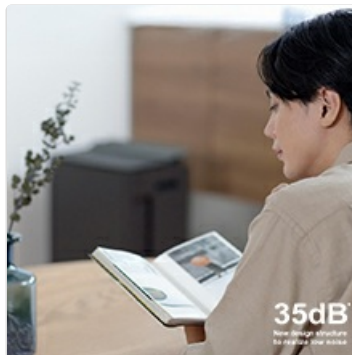


Figure 9: Illustration of the continuous drainage option, where a hose can be connected to the unit for direct water removal, eliminating the need for manual tank emptying.

- **Internal Drying:** The automatic internal drying function activates when the unit stops, preventing moisture and mold inside.
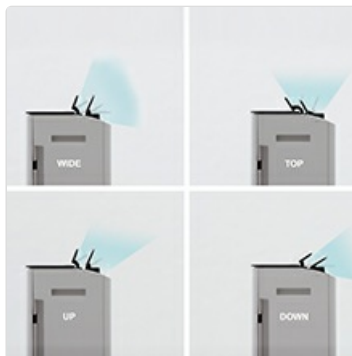


Figure 10: An internal view of the dehumidifier, highlighting the airflow during the automatic internal drying function, which prevents moisture buildup inside the unit.

# 7. TROUBLESHOOTING

If you encounter issues, refer to this section before contacting customer support.

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|         |                |          |

| Problem | Possible Cause | Solution |
|---|---|---|
| Unit does not turn on | No power; power cord not connected; water tank full. | Check power supply; ensure cord is securely plugged in; empty water tank. |
| No dehumidification | Humidity setting too high; room temperature too low; filters clogged. | Lower desired humidity setting; ensure room temperature is within operating range; clean or replace filters. |
| Unusual noise | Unit not on a level surface; foreign object inside; fan obstruction. | Place on a level surface; inspect for and remove any obstructions; contact support if noise persists. |
| Air quality display shows 'Dirty Air' | High levels of pollutants or odors detected. | Ensure filters are clean; run in air purification mode; ventilate the room if necessary. |
| Room feels slightly warmer during dehumidification | Normal operation of compressor-based dehumidifiers. | This is a characteristic of the dehumidification process. If discomfort occurs, consider using in a well-ventilated area or adjusting room temperature with other means. |

# 8. SPECIFICATIONS

| Feature | Specification |
|---|---|
| Brand | SHARP |
| Model Name | DW-T30FM-W |
| Colour | Black |
| Product Dimensions (D x W x H) | 30.1D x 35.9W x 66.5H Centimeters |
| Item Weight | 10 Kilograms |
| Dehumidification Capacity | 30 Liters per Day |
| Tank Volume | 10 Litres |
| Floor Area Coverage | 830 Square Feet |
| Operation Mode | Automatic |
| Special Feature | Adjustable Humidity Control, Plasmacluster Technology, Dual Louver, HEPA+Deo+Pre-Filter, Coanda Air Flow |
| Included Components | User Manual |

# 9. WARRANTY AND SUPPORT

Your SHARP Dehumidifier with Air Purifier comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions.

To register your product or for technical support and service inquiries, please contact SHARP directly:

- **Manufacturer:** Sharp Business Systems (India) Private Limited
- **Address:** Plot No. 51, First Floor, Okhla Industrial Estate, Phase-III, New Delhi- 110020
- **Toll-Free:** 1800-419-4322
- **E-Mail:** support@sharp-oa.com

When contacting support, please have your model number (DW-T30FM-W) and purchase details ready.

- **E-Mail:** support@sharp-oa.com