Sharp UD-P20E-W

SHARP UD-P20E-W Dehumidifier User Manual

Model: UD-P20E-W

1. INTRODUCTION

Thank you for choosing the SHARP UD-P20E-W Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your appliance. Please read it thoroughly before use and retain it for future reference.

The SHARP UD-P20E-W is designed to effectively reduce excess humidity in rooms ranging from 35 to 46 square meters, helping to prevent mold formation and create a more comfortable indoor environment. It features a 3.8-liter water tank and a dehumidification capacity of up to 20 liters per day.

2. IMPORTANT SAFETY INFORMATION

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

- Read all instructions carefully before operating the dehumidifier.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the appliance with a damaged cord or plug.
- Keep the appliance away from heat sources and direct sunlight.
- Do not block air inlets or outlets.
- Always unplug the appliance before cleaning or performing any maintenance.
- This appliance is for indoor use only.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your SHARP UD-P20E-W Dehumidifier.

Figure 3.1: Front view of the SHARP UD-P20E-W Dehumidifier, showing its sleek white design.

Figure 3.2: Close-up of the top control panel with digital display and various function buttons.

Figure 3.3: Exploded view showing the removable water tank and air filter for maintenance.

4. Setup

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future transport or storage.
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 unit for proper airflow. The integrated swivel castors allow for easy repositioning.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the appliance's requirements.
4. **Initial Check:** Before first use, ensure the water tank is correctly inserted and the air filter is clean.

5. Operating Instructions

The SHARP UD-P20E-W features a clear control panel with push buttons for easy operation.

5.1 Basic Operation

- **Power On/Off:** Press the power button ( ) to turn the unit on or off.
- **Fan Speed:** Select between 2 fan speeds (Low/High) using the fan speed button ⌶).
- **Humidity Setting:** Use the humidity setting buttons to set your desired humidity level. The integrated humidity sensor will maintain this level automatically.

5.2 Special Functions

- **Laundry Drying Function:** Activate this function for continuous dehumidification, which helps to dry clothes faster indoors.
- **Timer Function:** Set the timer to automatically turn the appliance on or off after a specified period.
- **Automatic Defrost Function:** The unit is equipped with an automatic defrost function to prevent ice buildup on the evaporator coils, ensuring efficient operation in cooler conditions.
- **Rotation Mode:** This mode constantly opens and closes the air outlet grille for wider air distribution.
- **Child Safety Lock:** Activate the child safety lock to prevent unintended operation.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier. Always unplug the unit before performing any maintenance.

6.1 Emptying the Water Tank

- When the water tank is full, the unit will automatically stop operating, and an audible alarm will sound.
- Carefully pull out the water tank from the side of the unit.
- Empty the collected water.
- Reinsert the water tank firmly until it clicks into place. The unit will resume operation.

Figure 6.1: Rear view of the dehumidifier, showing the air filter access and continuous drain outlet.

6.2 Cleaning the Air Filter

- The air filter should be cleaned regularly (e.g., every two weeks or as needed).
- Remove the air filter from the back of the unit.
- Clean the filter with a vacuum cleaner or wash it gently with warm water and mild detergent.
- Allow the filter to dry completely before reinserting it.

6.3 Continuous Drainage (Optional)

For continuous operation without needing to empty the water tank, you can connect a drain hose (not included) to the continuous drain outlet at the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage.

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 supply; power cord not plugged in; water tank full or incorrectly inserted.	Check power connection; ensure water tank is empty and correctly seated.
No dehumidification.	Air filter clogged; room temperature too low; humidity setting too high.	Clean the air filter; ensure room temperature is above 5°C; lower the desired humidity setting.
Unit is noisy.	Unit not on a level surface; air filter clogged.	Place on a level surface; clean the air filter.
Water leaks.	Water tank not properly inserted; continuous drain hose not connected correctly.	Reinsert water tank correctly; check continuous drain hose connection.

8. SPECIFICATIONS

Technical specifications for the SHARP UD-P20E-W Dehumidifier.

Figure 8.1: Dimensions of the SHARP UD-P20E-W Dehumidifier.

Feature	Detail
Model Number	UD-P20E-W

Feature	Detail
Brand	Sharp
Dehumidification Capacity	20 Liters/day
Water Tank Capacity	3.8 Liters
Recommended Room Size	35 - 46 m²
Dimensions (L x W x H)	25.9 x 35.5 x 56.7 cm
Weight	15.5 Kilograms
Fan Speeds	2
Noise Level	48 dB(A)
Refrigerant	R290 (50g)
Material	Plastic
Special Features	Automatic Stop (full tank), Audible Alarm, Laundry Drying Function, Automatic Defrost, Timer, Rotation Mode, Child Safety Lock, Swivel Castors, Humidity Indicator

9. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, spare parts, or service inquiries, please contact your local Sharp customer service center.

Related Documents - UD-P20E-W

[SHARP UD-P16E-W & UD-P20E-W Dehumidifier User Manual](#)
Comprehensive user manual for the SHARP UD-P16E-W and UD-P20E-W dehumidifiers, covering operation, safety, troubleshooting, and specifications for optimal performance and a healthy environment.

[Sharp UD-P16E-W & UD-P20E-W Dehumidifier User Manual](#)
This user manual provides essential information and operating instructions for the Sharp UD-P16E-W and UD-P20E-W dehumidifier models. Learn how to safely install, operate, and maintain your Sharp dehumidifier.

[Sharp DW-D12A Dehumidifier Operation Manual](#)
Comprehensive operation manual for the Sharp DW-D12A dehumidifier, covering features, safety precautions, operation, maintenance, specifications, and troubleshooting. Learn how to use Plasmacluster Ion technology for improved air quality.

[SHARP P701U-W/P621U-W Projector User's Manual](#)
Comprehensive user manual for the SHARP P701U-W and P621U-W projectors, covering setup, operation, features, connections, maintenance, and troubleshooting.

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[Sharp UL-C09EA-W Portable Air Conditioner User Manual](#)
This user manual provides essential information for operating and maintaining the Sharp UL-C09EA-W portable air conditioner, covering setup, features, safety guidelines, and troubleshooting tips.