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briidea MK-204

briidea Electric Cabinet Humidifier (Model MK-204) Instruction Manual

For 1-8 Cubic Foot Cabinets

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and effective operation of your briidea Electric Cabinet Humidifier, Model MK-204. This device is designed to maintain optimal humidity levels within cabinets ranging from 1 to 8 cubic feet, ensuring the preservation of stored items.

Key Features:

- Precise Humidity Control:** Set desired humidity levels between 30% RH and 80% RH.
- Temperature and Humidity Monitoring:** Integrated sensors provide real-time data.
- Even Humidity Distribution:** Internal fan circulates air for uniform moisture.
- Smart LCD Display:** Easy-to-read screen for temperature, humidity, and settings.
- Easy Installation:** Compact design suitable for top-center cabinet placement.

2. PRODUCT COMPONENTS

The briidea Electric Cabinet Humidifier system includes the main humidifier unit, a control unit with an LCD display, a 12V adapter, and a 6-foot extension cord.



Figure 2.1: Main components of the briidea Electric Cabinet Humidifier.



Figure 2.2: Detailed diagram of humidifier components.

Detailed Component Views:



Figure 2.3: LCD Display.



Figure 2.4: Power and Control Ports.



Figure 2.5: Water Adding Port.



Figure 2.6: Internal Fan.

3. SETUP AND INSTALLATION

3.1 Placement

The compact briidea humidifier is recommended for installation at the top center of cabinets ranging from 1 to 8 cubic feet. Ensure adequate space for air circulation and access for water refills.



Figure 3.1: Recommended placement of the humidifier within a cabinet.

3.2 Power Connection

Connect the 12V adapter to the humidifier unit and then plug it into a standard household outlet. Use the provided 6-foot extension cord for flexible installation if needed.

3.3 Water Tank Preparation

The water tank contains expandable beads designed to balance humidity release. Fill the water tank only with distilled or purified water. Do not use tap water or other liquids, as this can lead to mineral buildup and affect performance.

4. OPERATING INSTRUCTIONS

4.1 Setting Desired Humidity

Use the control unit's buttons to set your desired humidity level within the range of 30% RH to 80% RH. The device will automatically work to maintain this set point.



Figure 4.1: Setting the desired humidity value on the control unit.

4.2 LCD Display

The upgraded LCD screen provides clear readings of the current temperature and humidity levels. You can also adjust preset humidity values directly from this display. The 6-foot extension cord allows for flexible placement of the display unit for easy viewing without opening the cabinet.

4.3 Air Circulation

An internal fan located between the sensor and control unit circulates air to ensure even humidity distribution throughout the cabinet. This prevents localized humidity pockets and ensures consistent conditions.



Figure 4.2: Illustration of uniform humidity distribution.

4.4 Video Guide: Humidifier Features and Operation

This video demonstrates various features of a smart humidifier, including mist levels, 6L capacity, top-fill design for easy cleaning, RGB nightlight, whisper-quiet operation, precision sensor for automatic humidity adjustment, and 2-in-1 diffuser functionality. It also highlights app and voice control capabilities. While showcasing a similar product, the operational principles and benefits of humidity control are directly applicable to the briidea Electric Cabinet Humidifier.

5. MAINTENANCE

5.1 Cleaning

To ensure optimal performance and hygiene, it is recommended to clean the water tank and base of the humidifier every 3 days. Use a soft cloth and mild detergent, then rinse thoroughly with clean water. Avoid using abrasive cleaners or harsh chemicals.

5.2 Water Refill

The average refill time for the water tank is 1-2 weeks, depending on usage and ambient conditions. Always use distilled or purified water to prevent mineral buildup and maintain the longevity of the device.

6. TROUBLESHOOTING

If you encounter any issues with your briidea Electric Cabinet Humidifier, please refer to the following general troubleshooting tips:

- **Device not turning on:** Ensure the 12V adapter is securely connected to both the humidifier and a working power outlet.
- **No mist production:** Check if the water tank is filled with distilled or purified water. Ensure the water adding port is clear.
- **Inaccurate humidity readings:** Verify that the sensor is not obstructed and that the humidifier is placed in an area with good air circulation.
- **Unusual noise:** Check for any foreign objects in the fan area or ensure the unit is placed on a stable, flat surface.

If problems persist, please contact briidea customer support for further assistance.

7. SPECIFICATIONS

Attribute	Value
Brand	briidea
Model Name	MK-204
Operation Mode	Manual
Voltage	12 Volts (DC)
Power Source	Corded Electric
Included Components	12V adapter, 6-foot extension cord
Item Weight	2.05 pounds
Package Dimensions	7.91 x 5.63 x 4.06 inches

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official briidea website. Keep your purchase receipt for warranty claims.