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iOCHOW C90715

User Manual

iOCHOW 70L/Day Large Commercial Dehumidifier

Model: C90715

1. Introduction and Overview

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your iOCHOW 70L/Day Large Commercial Dehumidifier. Please read this manual thoroughly before operating the appliance and retain it for future reference.

The iOCHOW C90715 dehumidifier is designed for powerful dehumidification in large commercial and residential spaces, covering areas up to 200 m² or 500 m³. It features intelligent humidity control, a 24-hour timer, and multiple safety protections.



Figure 1: iOCHOW 70L/Day Large Commercial Dehumidifier. This image shows the overall design of the dehumidifier, a black rectangular unit with a handle and wheels for portability.

2. Safety Information

Always adhere to the following safety precautions to prevent injury or damage to the unit:

- Ensure the power supply matches the unit's requirements.
- Do not operate the dehumidifier in extremely high or low-temperature environments.
- Keep the unit upright during operation and transport.
- Do not block air inlets or outlets.

- Unplug the unit before cleaning or performing any maintenance.
- This appliance uses environmentally friendly refrigerant R290. Servicing should only be performed by qualified personnel.
- The unit produces some noise during operation and is not recommended for use in bedrooms.

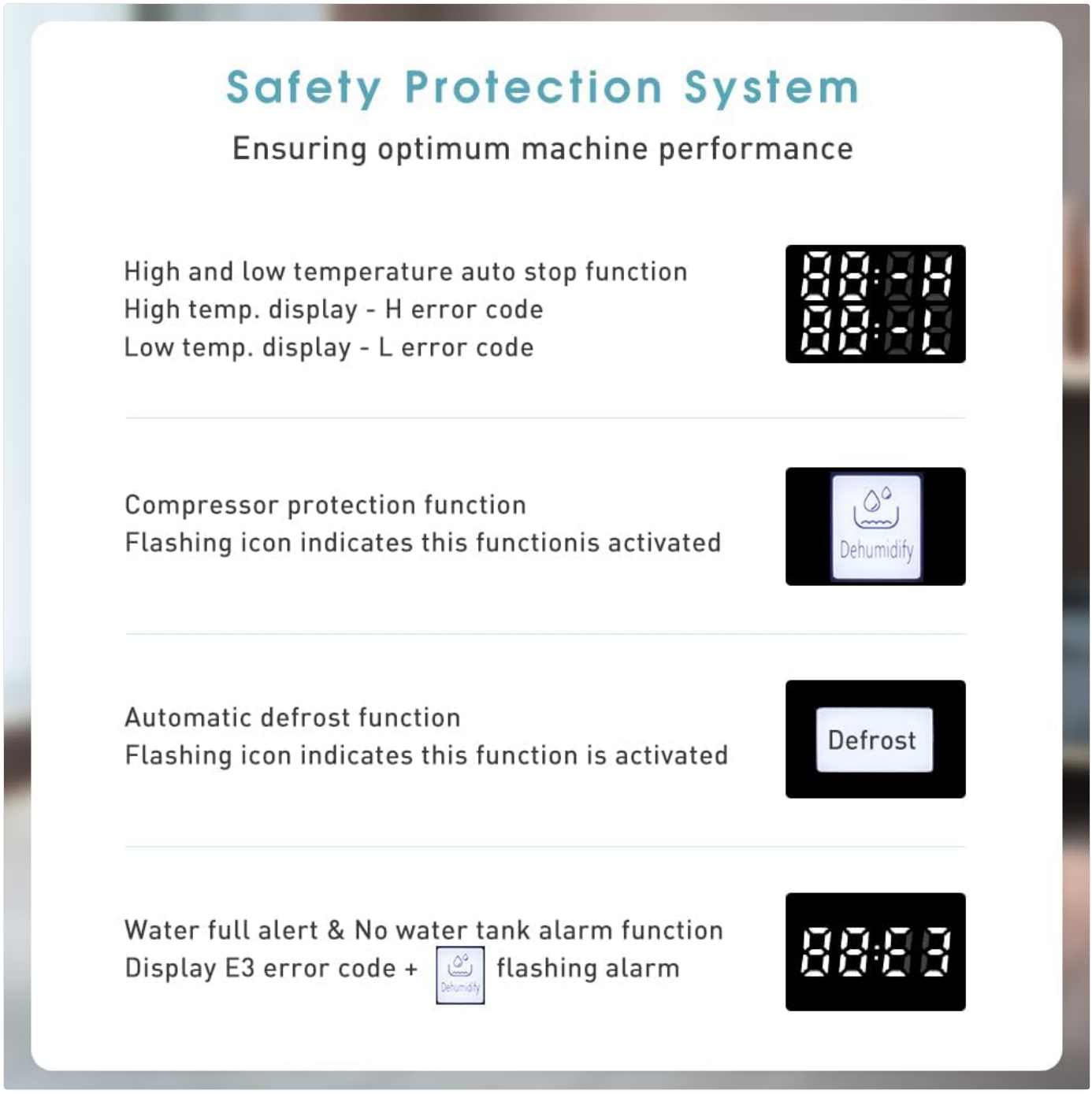


Figure 2: Safety Protection System. This image illustrates the various safety features including high/low temperature auto-stop, compressor protection, automatic defrost, and water full/no water tank alarms.

3. Product Components and Features

The iOCHOW dehumidifier is designed for robust performance and ease of use. Key components and features include:

- **Control Panel:** Intuitive LCD display for setting humidity, timer, and monitoring status.
- **Water Tank:** 5.5L capacity for manual drainage.
- **Drainage Hose Connection:** For continuous drainage.
- **Air Filter:** Removable and washable for easy maintenance.

- **Foldable Handle & Casters:** For convenient mobility and storage.



Figure 3: Portable Design and Maintenance Features. This image highlights the foldable handle, wheels with brakes, and the detachable filter for easy cleaning and mobility.



Figure 4: Dehumidification Performance Overview. This image displays the 200m²/500m³ dehumidification area, 70L/day dehumidification rate, 5.5L water tank, automatic and continuous dehumidification modes, 24-hour timer, and memory function.

4. Setup

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the unit on a flat, stable surface. Ensure there is at least 20 cm of space around the air inlets and outlets for proper airflow.
3. **Power Connection:** Connect the 2.2m power cord to a grounded electrical outlet.
4. **Drainage Setup:** Choose your preferred drainage method (see Section 6).

5. Operating Instructions

The dehumidifier features an intelligent control panel for easy operation.



Figure 5: Control Panel Layout. This image shows the LCD control panel with buttons for temperature display, humidity display, automatic defrost, cleaning reminder, and 24-hour timer.

- **Power On/Off:** Press the Power button to turn the unit on or off.
- **Humidity Setting:** Use the "Up" and "Down" arrows to set the desired humidity level (e.g., 50% RH). The unit will automatically maintain this level within ±5% RH.
- **Timer Function:** Press the "Timer" button to set the 1-24 hour timer for automatic on/off operation.
- **Mode Selection:**
  - **Automatic Dehumidification Mode:** Intelligently adjusts operation for a comfortable environment, optimizing energy saving and efficiency.
  - **Continuous Dehumidification Mode:** Runs continuously to maintain dry air, useful for quickly drying damp clothes or in very humid conditions.
- **Memory Function:** In case of a power outage, the unit will automatically restore previous settings (excluding the timer) upon power restoration.
- **Automatic Defrost:** The unit features an automatic defrost function to ensure stable operation in cooler environments. A flashing icon indicates this function is active.

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Video 1: Overview of the iOCHOW 70L/Day Large Commercial Dehumidifier. This video demonstrates the portability, control panel operation, and drainage options of the dehumidifier.

6. Drainage Options

The dehumidifier offers two flexible drainage methods:

1. **Manual Drainage (5.5L Water Tank):**
   When the 5.5L water tank is full, the unit will alert you and stop operation. Carefully remove the tank, empty it, and reinsert it. Ensure the tank is properly seated to resume operation.
2. **Continuous Drainage (2m Drainage Hose):**
   For continuous operation without needing to empty the tank, attach the provided 2m drainage hose to the drainage outlet. Ensure the hose is directed downwards to a suitable drain or container, allowing gravity to facilitate water flow.



Figure 6: Drainage Options. This image illustrates both the manual drainage using the 5.5L water tank and the continuous drainage method with the 2-meter drainage hose.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

- **Filter Cleaning:** The unit will prompt a filter cleaning reminder after 30 days or 720 hours of motor use. Remove the detachable filter and clean it with water or a vacuum cleaner. Allow it to dry completely before reinserting.
- **Exterior Cleaning:** Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** If storing the unit for an extended period, ensure the water tank is empty and the unit is clean and dry. Store in an upright position in a cool, dry place.

8. Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord loose.	Check power connection, ensure outlet is functional.
Dehumidification is weak.	Air filter clogged, room too large, doors/windows open.	Clean air filter, ensure room size is within specifications, close doors/windows.
Water tank full alert (E3 error).	Water tank is full or not properly seated.	Empty water tank and reinsert it correctly.
High/Low temperature error (H/L error).	Operating outside recommended temperature range.	Move unit to an environment within the specified operating temperature range.
Unit is noisy.	Normal operation for a commercial unit, unstable surface.	Ensure unit is on a stable, level surface. Note that this unit produces some operational noise.

If the problem persists after attempting these solutions, please contact customer support.

9. Specifications

Feature	Specification
Brand	iOCHOW
Model Number	C90715
Dehumidification Capacity	70 L/Day (30°C/RH80%)
Applicable Area	Up to 200 m^2 / 500 m^3
Water Tank Capacity	5.5 Litres
Power / Wattage	715 watts

Feature	Specification
Refrigerant	R290 (Environmentally friendly)
Product Dimensions (L x W x H)	35 x 41 x 66 cm (approx. 345*410*665mm)
Item Weight	32.7 kg
Drainage Options	5.5L Tank / Continuous (2m hose included)
Special Features	Digital Display, Automatic Restart, Automatic Defrost, Timer, Removable Tank, Mobile Casters with Brakes
Included Components	Dehumidifier, 2.2m Power Cord, 2m Water Pipe, 5.5L Water Tank

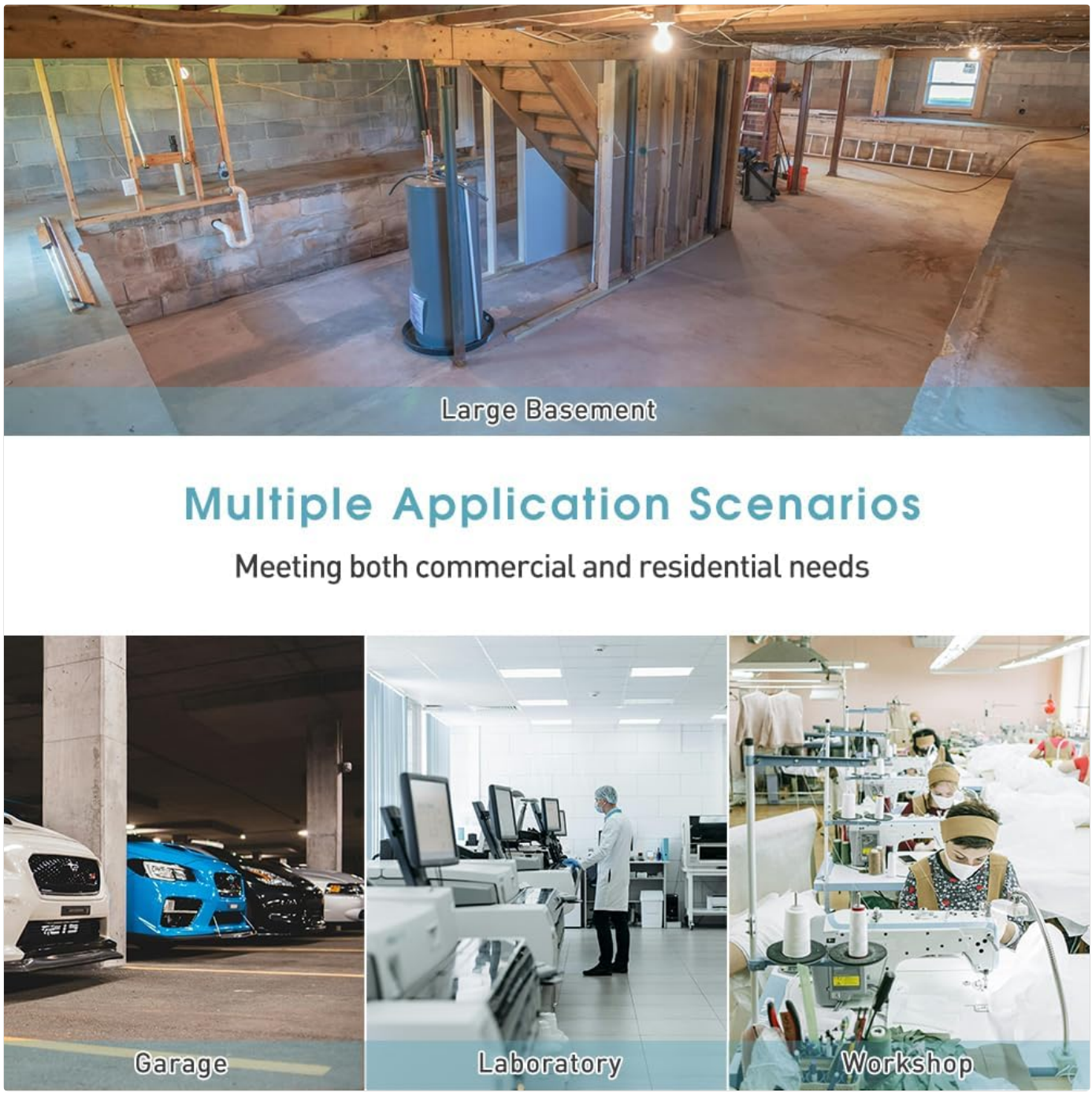


Figure 7: Application Scenarios. This image shows the dehumidifier being used in various environments such as large basements, garages,

laboratories, and workshops, highlighting its versatility for both commercial and residential needs.

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official iOCHOW website. Please have your model number (C90715) and purchase date ready when contacting support.

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