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› MOUNTO DH155W Commercial Compact Dehumidifier Instruction Manual

MOUNTO DH155W

MOUNTO DH155W Commercial Compact Dehumidifier

Model: DH155W

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your MOUNTO DH155W Commercial Compact Dehumidifier. This LGR (Low Grain Refrigerant) dehumidifier is designed for high-efficiency moisture removal in various environments, including homes, basements, garages, and job sites. It features a robust design with a built-in pump, automatic digital humidistat control, and portability features like wheels and a rigid handle.

SAFETY INFORMATION

Please read all safety instructions carefully before operating the dehumidifier to prevent injury or damage. Keep this manual for future reference.

- Always ensure the unit is placed on a stable, level surface.
- Do not operate the unit with a damaged power cord or plug.
- Ensure the power supply matches the voltage specified on the unit's label.
- Keep the air inlet and outlet clear of obstructions to ensure proper airflow.
- Do not insert objects into the unit's openings.
- Unplug the unit before cleaning, servicing, or moving it.
- Do not use the dehumidifier near flammable gases or combustible materials.
- Allow the unit to sit upright for at least 20 minutes after transport or unpacking before plugging it in.

PRODUCT OVERVIEW

The MOUNTO DH155W dehumidifier is engineered for durability and performance. Key components and features are highlighted below.

SPECIFICATION YOU CARE



Model:
DH155W

Dehumidification:
155PPD/DAY @ AHAM

Net Weight:
88LBS

Rated Power:
1248 W

Rated Current:
11A

Power Supply:
115V-60HZ

Rated Power:
24.2x16.7x18.5 in

Refrigerant / Injection(oz):
R140A / 25.7oz

Figure 1: Front view of the MOUNTO DH155W Dehumidifier, showing the control panel and robust wheels for portability.

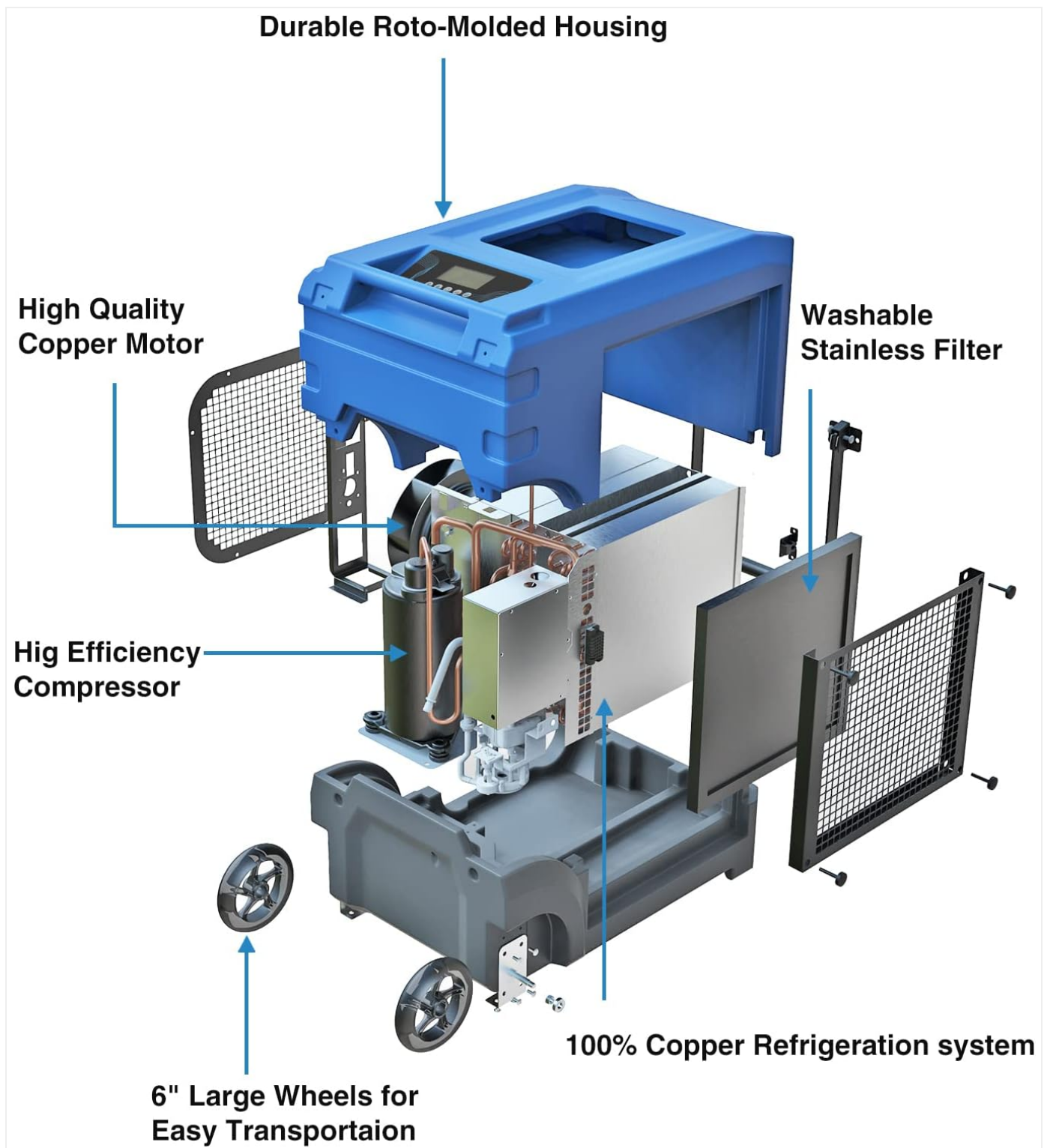


Figure 2: Exploded view illustrating internal components such as the high-quality copper motor, high-efficiency compressor, washable stainless filter, and 100% copper refrigeration system, all housed within a durable roto-molded plastic casing.

Key Features:

- **LGR Technology:** Low Grain Refrigerant for efficient moisture removal.
- **Built-in Condensate Pump:** With a 15ft lift head for continuous drainage.
- **Automatic Digital Humidistat:** For precise humidity control.
- **Memory Starting:** Unit restarts automatically after a power failure.
- **Portable Design:** Equipped with rigid handle and semi-pneumatic wheels for easy transport.
- **Washable Air Filter:** High-density filter for easy maintenance.
- **Wi-Fi Control:** Allows remote monitoring and control via a compatible app.



Figure 3: Close-up of the intuitive control panel with digital display for real-time readings and buttons for Menu, Purge, Power ON/OFF, and Set.

SETUP

1. **Unpacking and Placement:** Carefully remove the dehumidifier from its packaging. Place the unit upright on a stable, level surface. Allow the unit to sit for at least 20 minutes before plugging it in to allow the refrigerant to settle. Position the unit in an area away from living spaces if noise or heat generation is a concern.
2. **Drain Hose Connection:** The unit comes with a built-in condensate pump and a 25ft drain hose. Connect the drain hose to the designated outlet on the unit. Route the hose to a suitable drainage point, such as a sink, floor drain, or outdoors. The pump can lift water up to 15 feet vertically.

Crawl Space Dehumidifiers

Built-in condensate pump

Gives you the freedom to drain anywhere



Figure 4: Illustration of the dehumidifier's built-in pump and 15ft drain hose, demonstrating its ability to drain water to various locations, including elevated points.

3. **Power Connection:** Plug the power cord into a grounded 115V-60HZ electrical outlet. Ensure the outlet is capable of handling the unit's power requirements (11A).

OPERATING INSTRUCTIONS

The MOUNTO DH155W features an intuitive control panel and Wi-Fi connectivity for ease of use.

Control Panel Functions:

- **Power ON/OFF:** Press to turn the unit on or off.
- **Menu:** Navigate through different settings and display options.
- **Set:** Adjust desired humidity levels (20%-80% RH) or timer settings.
- **Purge:** Initiate manual drainage of the condensate pump.

Operation Modes:

- **Automatic Humidistat Control:** Set your desired humidity level, and the unit will automatically turn on and off to maintain it. The digital display shows real-time inlet and outlet temperature and relative humidity.
- **Continuous Operation:** The unit can operate continuously, removing moisture until manually turned off or the set humidity is reached.
- **Timer Function:** Use the timer to schedule the unit to turn on or off after a set period.
- **Memory Start:** In case of a power outage, the unit will automatically resume operation with the last settings once power is restored.

Wi-Fi Control:

The dehumidifier supports Wi-Fi control, allowing you to monitor and adjust settings remotely via a compatible smartphone application. Refer to the separate Wi-Fi setup guide for detailed instructions on connecting your device.

MAINTENANCE

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

1. **Air Filter Cleaning:** The unit is equipped with a washable high-density air filter. Regularly check and clean the filter to prevent dust buildup, which can reduce efficiency. To clean, remove the filter, wash it with mild soap and water, rinse thoroughly, and allow it to air dry completely before reinserting.



Figure 5: The dehumidifier features a washable high-density air filter, easily accessible for cleaning, and removable wheels for convenient transport.

2. **Unit Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
3. **Drainage System Check:** Periodically inspect the drain hose for kinks, blockages, or leaks. Ensure the pump is functioning correctly by observing water discharge.

TROUBLESHOOTING

If you encounter issues with your dehumidifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power, power cord loose, unit not settled after transport.	Check power connection and outlet. Ensure unit has been upright for 20+ minutes.

Problem	Possible Cause	Solution
No water collected / Not dehumidifying	Humidity setting too high, air filter clogged, room temperature too low, unit size inadequate for space.	Lower humidity setting. Clean air filter. Ensure room temperature is above 41°F (5°C). Verify unit capacity for the area.
Unit is noisy	Unit not on a level surface, fan obstruction, loose parts.	Place on a level surface. Check for and remove any obstructions. Contact support if noise persists.
Water leakage	Drain hose kinked or disconnected, pump malfunction.	Check drain hose for proper connection and clear any kinks. Ensure pump is operating.

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

SPECIFICATIONS

Detailed technical specifications for the MOUNTO DH155W Commercial Compact Dehumidifier.



Figure 6: Detailed specifications including model, dehumidification capacity, net weight, power, and dimensions.

Specification	Value
Brand	MOUNTO
Model Name	DH155W
Moisture Removal Capacity	155 PPD @ AHAM (80°F, 60% RH), 268 PPD @ Saturation (90°F, 90% RH)
Floor Area Coverage	Up to 3200 sq. ft.

Specification	Value
Air Flow Capacity	300 CFM
Rated Power	1248 W
Rated Current	11 A
Voltage	115V-60HZ
Refrigerant / Injection	R140A / 25.7 oz
Product Dimensions (D x W x H)	24.2" x 16.7" x 18.5" (61.5cm x 42.4cm x 46.6cm)
Net Weight	88 lbs
Humidity Setting Range	20% - 80% RH
Material	Roto-Molded Plastic Housing
Included Components	Built-in Pump, 25ft Drain Hoses and Power Cord, Handle and wheels, LED Display w/ Wifi Control

WARRANTY INFORMATION

Specific warranty details for the MOUNTO DH155W dehumidifier are typically provided with your purchase documentation or can be obtained directly from the manufacturer or authorized seller. Please retain your proof of purchase for warranty claims. Most products purchased through Amazon are eligible for a 30-day return policy. For extended protection, optional protection plans may be available for purchase.

CUSTOMER SUPPORT

For technical assistance, warranty inquiries, or replacement parts, please contact MOUNTO customer support. Refer to your purchase documentation or the MOUNTO official website for the most current contact information. When contacting support, please have your model number (DH155W) and purchase date readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What do error codes 1 and 2 mean on the MOUNTO DH155W dehumidifier, and how can I fix them?

Based on the available documentation for the MOUNTO DH155W, the standard manual does not explicitly list numerical error codes 1 and 2. However, in most commercial LGR dehumidifiers of this design, these codes typically...

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