waykar

USER
MANUAL
Commercial Dehumidifier

AFW2.5D >

Read the manual before
operating the device and
keep it for future reference.

Message from WAYKAR

Thank you for choosing Waykar. Established in 2014 with a commitment to enhancing indoor air quality, Waykar has evolved into a leading brand for premium dehumidifiers and portable air conditioners.

Before you start exploring this product, read this manual carefully for necessary instructions first. It's advised to keep it for future reference.

24/7 Full-Time Response

Upon receipt of the dehumidifier, kindly inspect the package contents immediately for any potential missing or damaged parts. In case of issues, we would appreciate your prompt contact with Waykar support for solutions before initiating a return.

support@waykar.com

Important: Please Read Before Usage

Ensure the dehumidifier is always kept in an upright position to avoid internal damage. After unwrapping the dehumidifier, please set it upright and let it sit for **24 HOURS** before plugging it in.
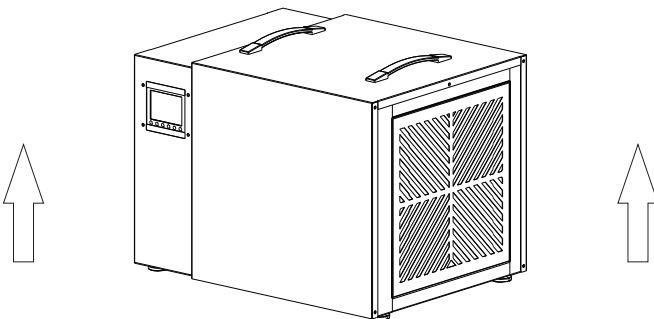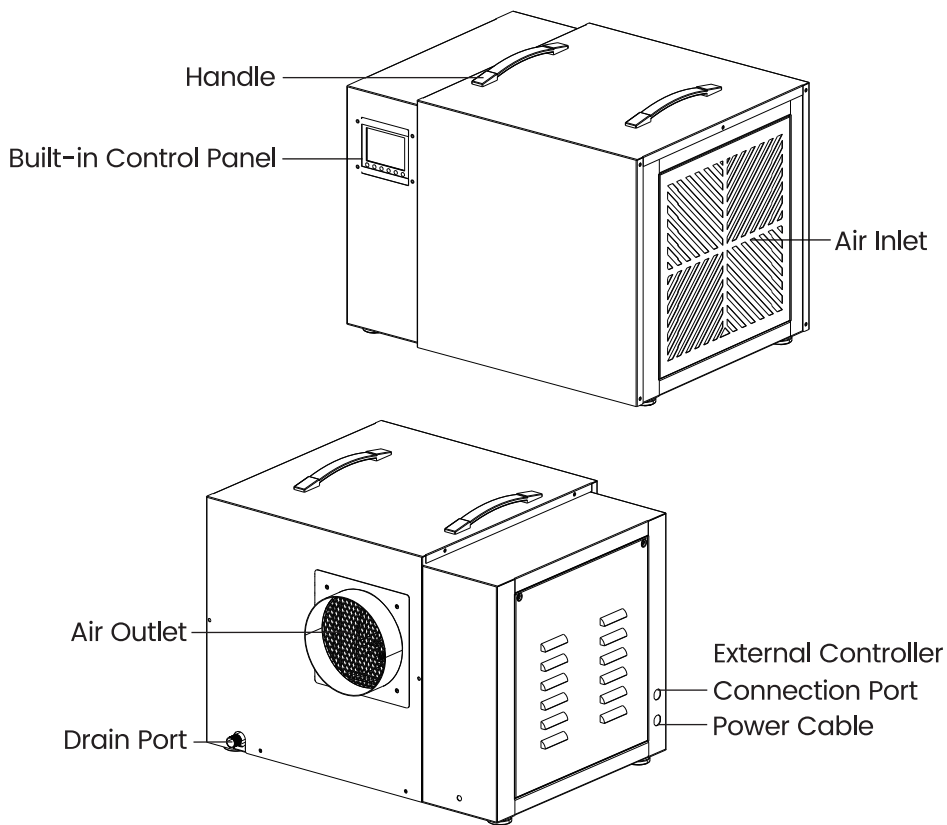
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SAFETY PRECAUTIONS

- It is advised to keep doors and windows closed for the dehumidifier to achieve maximum moisture removal effectiveness.

- Keep the device away from heat-generating appliances, such as furnaces and electric kettles, and flammable materials.

- Avoid placing the device on soft and uneven ground, otherwise there might be vibration and movement during operation.

- The dehumidifier is not waterproof, so avoid contact with water.

- Please avoid placing the device too close to the wall or other objects to prevent blocking the air vents of the dehumidifier.

- Do not stick fingers, rods, or other objects into the air inlet and outlet grilles of the device.

- Avoid sitting, standing, or placing heavy objects on the device.

- No pesticides or flammable liquids are allowed near the device.

- Do not use the dehumidifier in small and confined spaces.

- Ensure the drain hose runs downhill without bending or winding for continuous water drainage.

- Be sure to unplug the dehumidifier first before cleaning or packing it.

- If the dehumidifier is not going to be used for an extended period, please remember to unplug it.

- Use soft, wet cloth for cleaning and avoid splashing water directly on it.

- In case of damaged cords, please contact the manufacturer or certified technicians approved by the manufacturer for replacement to avoid hazards.
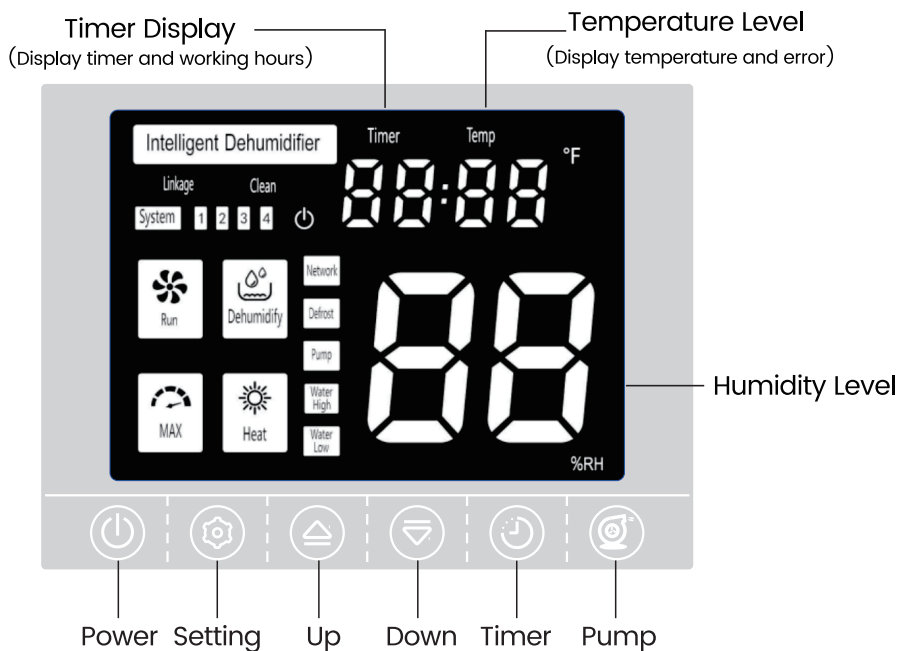
PARTS ILLUSTRATION

Handle

Built-in Control Panel

Air Inlet

Air Outlet

Drain Port

External Controller
Connection Port

Power Cable

PACKAGE CONTENTS

The package includes:
1 x Commercial Dehumidifier
1 x Drain Hose (∅ 5mm inner diameter)
1 x User Manual

FUNCTION OVERVIEW

Control Panel Illustration

Timer Display
（Display timer and working hours）

Temperature Level
（Display temperature and error）

Intelligent Dehumidifier

Timer   Temp   °F

Linkage   Clean
System 1 2 3 4

Run   Dehumidify   Network / Defrost / Pump / Water High / Water Low

MAX   Heat

Humidity Level

%RH

Power   Setting   Up   Down   Timer   Pump

Power To turn on/off the device.		**Setting** To confirm the setting of humidity level or timer for the device.
Up To increase the values of humidity, timer or cleaning hour setting.		**Down** To decrease the values of humidity, timer or cleaning hour setting.
Timer To activate/deactivate the timer or set timer duration.		**Pump** To enable/disable the pump function.

FUNCTION OVERVIEW

Power On/Off & Standby Mode

1. Press the [⏻] button to turn on/off the dehumidifier.

2. When the device is on, press the [⏻] button to enter standby mode, and the standby indicator [⏻] will light up on the display.

Humidity Setting

1. When the dehumidifier is on, press [⏷] or [⏷] to enter the humidity setting. The humidity level " 88 " % RH will then flicker on the display.

2. Next, press [⏷] or [⏷] to set your preferred humidity between 10% and 90% RH, in increments of 1% RH. Or press and hold the buttons to realize continuous adjustment.

3. After finishing the setting, press [⚙] to confirm, or wait until it auto exits.

Timer Setting

1. Use the timer setting to automatically turn off the dehumidifier. Note: If the "00" is displayed, it indicates no timer is set at the moment.

2. When the dehumidifier is on, press [⏱] to enter the timer setting. The timer icon will then light up on the display and the remaining hours "00" will flicker.

3. Next, press [⏷] or [⏷] to change the remaining hours between 00 and 24, in 1-hour increments. Or press and hold the buttons to realize continuous adjustment.

4. After finishing the timer setting, press [⚙] to confirm, or wait for seconds for it to exit automatically.

Continuous Dehumidifying

Set the humidity level to 10% RH to activate continuous dehumidifying mode, and the [🌀] icon will illuminate.

Pump Setting

The pump function is initially set to OFF for new units. Press [Pump] to activate pump drainage, and its icon will flicker on the display. The pump does not automatically deactivate with each power cycle and continues to function until manually turned off.

OPERATION INSTRUCTIONS

Device Status Briefing

1. When the dehumidifier is turned off, its compressor and fan will stop operating successively.

2. Under the following three circumstances, the compressor will stop working immediately, but the fan will not stop until later.
   A. when high/low-temperature protection is triggered;
   B. when the preset humidity level is reached;
   C. when the device breaks down.

3. 3-Minute Delay Compressor Protection: if the dehumidifier unexpectedly stops, the compressor protection mechanism will be triggered to mandate a 3-minute delay in restart. The device will automatically restart after 3 minutes.

4. Non-volatile Device Memory: the dehumidifier supports aut o-restart and restoring humidity settings after power outage (Note: The timer will be reset to OFF after each automatic restart).

Indicator Description

Icon	Meaning	Status
⏻	Standby Indicator	On: the device enters standby mode; Off: the device is now out of standby mode.
Dehumidify	Compressor Indicator	On: compressor starts working; Off: compressor stops working; Flicker: compressor starts working in time-delay.
Defrost	Defrost	On: defrost enabled; Off: defrost disabled.
-H	High Temperature Protection	The humidity value shows the icon "-H" flickering when high-temperature protection is triggered.
-L	Low Temperature Protection	The humidity value shows the icon "-L" flickering when low-temperature protection is triggered.
Run	Fun Indicator	On: fan starts working; Off: fan stops working; Flicker: fan starts working in time-delay.

Error Code Explanation

Number	Code	Recommended Actions
1	E1	Replace the temperature and humidity sensor.
2	E2	Replace the temperature sensor.
3	E3	Make sure the water tank is well placed, and the WF port of the circuit board is properly connected.
4	E4	Replace the temperature and humidity sensor.
5	E6	Check if the display wire is properly connected.
6	-H	Wait until the device temperature goes down and it will resume working.
7	-L	Wait until the device temperature goes up and it will resume working.

Note:

1. If the problem persists after trying the solutions mentioned above, please unplug the device and contact the manufacturer for repair. Reach Waykar Customer Service at **support@waykar.com**

2. The dehumidifier can still operate with certain functions disabled under E1, E2, or E4 errors.

MAINTENANCE & CLEANING

Maintenance

Always remember to unplug the dehumidifier first before cleaning or handling the device. Steel wool, detergent, and other chemicals are not allowed for cleaning the dehumidifier.

Filter Cleaning

The dehumidifier comes with a removable filter. It is advised to regularly clean the filter for dust, smoke, animal dander, mold spores, and pollen in order to reduce airborne allergens in the air.

1. Use a vacuum cleaner to gently remove dust from the filter surface.

2. If the filter is very dirty, clean it with warm water and mild detergent, and ensure it is completely dry.

3. Put the filter back into the dehumidifier.

TROUBLESHOOTING

1. If your dehumidifier malfunctions, we recommend trying the following troubleshooting steps before contacting the manufacturer. This can help you save time and potentially resolve the issue.

2. The listed problems are common issues that may occur with general dehumidifiers. It's important to note that this doesn't imply that this dehumidifier is prone to defects over time.

3. If the problem persists after following the recommended actions, please unplug the dehumidifier and contact Waykar Customer Service as soon as possible for assistance.

Problems	Detailed Description	Solutions
Not working	Dark display	Check the power port for damage or loose connection.
	Defrost icon lights up	Defrost in progress, and the indicator will go off when defrosting is finished.
	"-H" icon appears on the display	The device should not be used in high -temperature conditions.
	"-L" icon appears on the display	The device should not be used in low -temperature conditions.
Much Noise	The device sits on uneven surface.	Move it to a flat and even area.
	Dust build-up on the filter?	Refer to the Maintenance & Cleaning section of the manual for instructions on cleaning the filter.
	The air inlet or outlet may be blocked.	Ensure that the inlet or outlet is kept clear of any objects.

SPECIFIC ATIONS

Model	AFW2.5D
Rated Voltage/Frequency	115V/60Hz
Total Input Current	8.5A
Input Power (at 65ºF, 60%RH)	500W
Input Current (at 65ºF, 60%RH)	5.4A
Moisture Removal Capacity (at 65ºF, 60%RH)	48.5 Pints/Day (23 L)
Moisture Removal Capacity (at 80ºF, 60%RH)	74 Pints/Day (35 L)
Moisture Removal Capacity (at 86ºF, 80%RH)	123 Pints/Day (58 L)
Moisture Removal Capacity (at 95ºF, 90%RH)	158 Pints/Day (74.8 L)
Motor Compressor (RLA/LRA)	RLA: 6.4A, LRA: 30A
Refrigerant/Qty	R410a/450g
High Pressure	580psi (4.0 Mpa)
Low Pressure	247psi (1.7 Mpa)

Note:

Recommended working temperature for the dehumidifier: 41ºF to 100ºF. The device may experience malfunctions outside this temperature range.

The company reserves the right to modify the product without formal notice to the public.

Warning!

We are required by the laws of the State of California to disclose that this appliance may expose you to Styrene and its compounds, which are known to cause cancer, birth defects, and other reproductive harm in case of significant exposure over an extended period of time.

WARRANTY & CONTACT

Warranty

All Waykar products are covered under our 12-month warranty. Customers, whether purchasing directly from Waykar or through an authorized retailer, can reach out to Waykar for support. An order invoice or proof of purchase will be appreciated.

Please note that product damage caused by regular wear and tear will not be covered under warranty, and the warranty will be voided for these behaviors (including but not limited to):

1. Failing to follow the instructions in the manual.
2. Purposeful mishandling of the device.
3. Damaging the device through violent impact.
4. Exposing the device to liquids or infiltrating foreign particles.
5. Unauthorized modification or overhauling of the device.

These are our general terms for warranty service. Customers are more than welcome to contact us for any feedback or advice.

Extend Your Warranty by 1 Year

Register your product at **www.waykar.com** to extend your 1-year warranty by an additional year.
*Please fill out all required fields and include your Order ID and Date of Purchase if applicable.

Customer Support

For any product-related queries, kindly contact our support team at Waykar. In case of missing, displaced, or damaged dehumidifier parts, you can always reach out to Waykar support for assistance.

WAYKAR Office

🏛 805 Victory Trail Rd, Gaffney, SC, 29340 USA
✉ Email: **support@waykar.com**
💬 Live Chat: **www.waykar.com**
🕐 24/7 Full-Time Response
*Have your Order Number ready before contacting customer support.

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