waykar

Commercial Dehumidifier

Please read the manual carefully before using the unit

AFD2.5D

USER MANUAL

FOR CUSTOMERS

Thank you for purchasing our dehumidifier.

Waykar has been committed to developing powerful and easy-to-use products to bring more convenience to your life. We highly recommend you to keep this user manual for future reference in case of unexpected problems.

Please read this user manual carefully to ensure proper use of the dehumidifier. This dehumidifier is perfect for reducing humidity in family bedrooms, bathrooms, basements, offices, storage rooms and more.

Waykar dehumidifier reduce the room humidity efficiently, creating a more healthy and comfortable environment for you and your family.

REQUESTING CUSTOMER SERVICE

If there are any problems of the product, please contact Crokar Customer Service at support@waykar.com with your Purchase Order ID. We'll help you solve the problems as soon as possible.

BEFORE FIRST USE:

To protect the product from any internal damages, please keep the product in the upright position throughout its journey.

Please take out the product and leave it standing in the upright position for 24 HOURS before plugging it in.

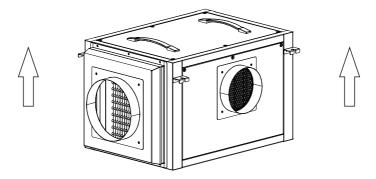


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SAFETY PRECAUTIONS

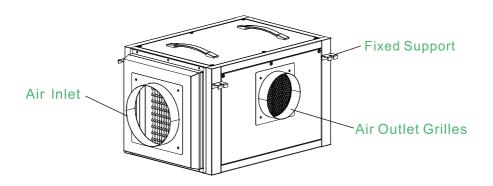
IMPORTANT NOTICE FOR FIRST USE:

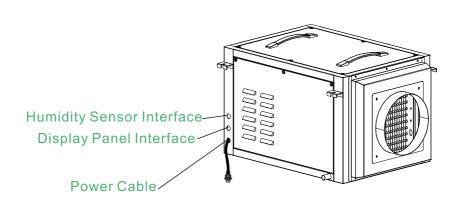
For your safety, please read the manual carefully and keep it for future reference.

Please install and use this product according to the instructions in the manual.

- Unplug the power supply cord before cleaning or storage.
- Do not immerse the unit in water, or place it close to water.
- Do not put the unit close to heat-generating devices or near flammable and dangerous materials.
- Never put your fingers or any stick-form objects into the air inlet or outlet grilles.
- Do not sit or stand on the unit.
- Discard water collected in the tank as instructed.
- Install and run the drainage hose downwards to make sure that condensed water can be drained continuously.
- Place and operate the unit on a stable and level floor.
- Do not spray or splash water directly onto the unit.
- Do not spray any pesticide nor flammable liquid onto the unit.
- Do not place any heavy objects or let children and pets sit on the unit.
- Do not operate dehumidifier in a small and confined space.
- When the power cord is damaged, it must be replaced by the qualified technician approved by our company.

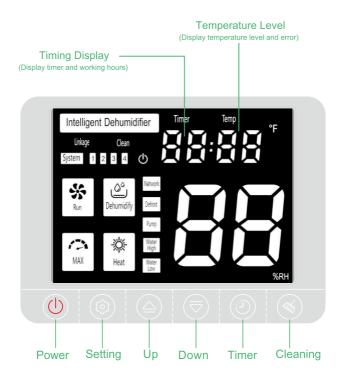
PARTS DESCRIPTION





OPERATION DESCRIPTIONS

1. Control Panel



Button Instructions



OPERATION DESCRIPTIONS

2. Setting

Power

When the unit is ON, press [POWER] to enable Standby mode. Then the unit stops working and the standby indicator \circlearrowleft turns on.

When the unit is OFF, press [POWER] to turn on the unit. Then the unit starts working and the standby indicator \circlearrowleft turns off.

Humidity Setting

When the unit is ON, press [Up] or [Down] to enter the humidity setting. The humidity display %RH flashes and humidity "##" flashes to show the level. Press [Setting] again or wait for a while, to exit the setting.

When setting the humidity, press [Up] or [Down] to adjust the humidity level between 10-90%RH (noncycle setting). Press [Up] once to increase 1%RH of the humidity level, while press [Down] once to decrease 1%RH of the humidity level. Hold the buttons to continuously increase/decrease the level. When setting finished, press the [Setting] once or wait for seconds to exit the humidity setting.

Timer Setting

If setting up the timer in OFF mode, then it's the power-on delay. If setting up the timer in ON mode, then it's power-off delay. But if the timing hour is 00h, the setting will be invalid.

When the dehumidifier is on, press [Timer] button to enter timing setting. The timer icon lights on, and the number "88" flashes and shows the remaining working hours. Press [Timer] again or wait for seconds to exit the setting. In the timer setting, press [Up] or [Down] to adjust the timing hours between 00-24 (noncycle setting). Press [Up] once to increase one hour while decrease one hour with button [Down]. Hold the buttons to continuously increase/decrease the hours. When setting finished, press [Setting] once or wait for seconds to exit the timer setting.

Continuous Dehumidifying

Set up the humidity level at 10% RH, and the unit will enter continuous dehumidifying mode (the icon lights). The dehumidifying is not affected by the humidity level has been set before.

OPERATION DESCRIPTIONS

Cleaning Setting

Cleaning Time Setting

When the unit is on, hold the button [Cleaning] to enter cleaning setting. The icon Cleaning lights up, and the number " ## "displays the cleaning days. Press the button once again or wait for seconds to exit the setting.

In the cleaning setting, press [Up] or [Down] to adjust the cleaning time between 01-99 days (noncycle setting). Press [Up] once to increase 1 day while decreasing 1 day by pressing [Down] once. Hold the buttons to continuous increase/decrease the days. When setting finished, press button [Setting] once or wait for seconds to exit the setting.

Check Running Time

When the unit is OFF, hold the button [Cleaning] to check the cleaning status (the total working time of the dehumidifier). The time will be shown in the timer and humidity displays. Press the ON/OFF button once again or wait for seconds to exit the setting.

Reset Running Time

In the cleaning query mode, press [Setting] once to reset the total cleaning running time (total working time of the fan).

STATUS DESCRIPTIONS

1. Unit Working Description

The compressor and fan will stop working successively when turn off the dehumidifier.

The compressor will stop working immediately, and the fan stops working later, whenever the High/Low-Temperature Protection is triggered, the humidity level set before is reached, or breakdown occurs.

Compressor 3 Minutes Delay Protection: After the unit has stopped, it can not be restarted in the first 3 minutes to protect compressor operation. The unit will restart automatically after 3 minutes.

Parameter Memory Function: If the unit stops unexpectedly due to a power cut, it will restart with the previous function setting such as Cleaning time setting, Humidity level or Power On/OFF status.

2. Indicator Descriptions

The icon 1 turns off, while the indicator Smart Dehumidifying lights up when turning on the unit.

The icon \bigcirc light on, while the indicator Smart Dehumidifying turns off when turning off the unit.

The icon flashes when the fan starts working in time-delay; the icon lights on when the fan start working; the icon turns off when the fan stops working.

The icon flashes when the compressor starts working in time-delay; the icon flights on when the compressor starts working; the icon turns off when the compressor stops working (Defrost status).

When the ambient humidity level reaches the humidity level set before, the compressor stops working. Then the icon said and humidity meter flash simultaneously.

When the cleaning level is reached, the indicator Clean lights up. When the status is dismissed, the indicator turns off.

When the unit enters into high-temperature protection mode, the humidity display flashes and reads -H.

When the unit enters into low-temperature protection mode, the humidity display flashes and reads -L.

When the unit is in defrost mode, the icon Defrost lights up;

when the unit exits defrost mode, the icon Defrost turns off.

STATUS DESCRIPTIONS

3. Error & protection Code

Number	Error Code	Handling Method
1	E1	Change the sensor and connecting cable of the RHI-112A port.
2	E2	Change the temperature sensor of PTI port.
3	Е3	Make sure the water tank is well placed, and the WF port is properly connected.
4	E4	Change the sensor and connecting cable of the RHI-112A port.
5	Е6	Make sure the display circuit has been connected right, and the DISPLAY port is well connected.
6	-н	No problem. The unit resumes working when unit temperature goes down.
7	-L	No problem. The unit resumes working when unit temperature goes up.

Note

- 1. If problems were not solved, please unplug the unit and send the unit back for repairment.
- 2. When the unit shows E1,E2, E4 error codes, it can still work. But some function are disabled.

If the malfunction is still present, please don't hesitate to contact Waykar Customer Service email at support@waykar.com.

COMMON FAULTS & SOLUTIONS

Check the information below for troubleshooting steps, it will save you time to resolve issues that may happen with the unit.

The list includes most of the common cases, but not the results of defective unit, crafts or materials in the unit.

If all troubleshooting steps have been exhausted and the issue is still occurring, please feel free to reach out to Waykar Customer Service to get further assistance.

Problems	Analysis	Solutions
	Dark Display	Check the power cord socket and the wiring.
Not working	Defrost icon lights up?	Defrost function running, and the light will resume after working.
NOT WORKING	" - ∺ " icon lights up	The unit shall not used in high- temperature conditions.
	" -L " icon lights up	The unit shall not used in low- temperature conditions.
	The unit is place at uneven surface.	Place the unit at somewhere flat and even.
Much Noise	The filter may be blocked.	Refer to the Care and Cleaning part to clean the filter.
	The inlet or outlet may be blocked.	Keep the unit inlet or outlet away from objects.

Warning

If the dehumidifier is still not working properly as expected and the troubleshooting steps or solutions above may not resolve the issue, please unplug the power and shut down the dehumidifier, then contact Waykar Customer Service at support@waykar.com.

SAFETY NOTES



 When using, please do not put the machine at the soft and uneven ground, avoid vibration and movement.



2 Do not insert thin rods and hard objects into the machine body to avoid malfunction and danger.



When using, please keep the machine away from heating furnace, electric kettle and other heat sources.



When using, please close doors and windows to achieve the best remove humidity effect.



Please do not put objects around the body. If the ventilation is blocked, the dehumidification effect will be affected.



6 If do not use the product for a long time, please unplug the power cord.



When cleaning the dehumidifier, please use the wet textile to wipe gently, do not shoot the water directly.



8 Please do not put any object on the dehumidifier.



Please clean the filter every two weeks (do not use hot water above 104°F, alcohol, gasoline or toluene.)



When continuous drainage, the drain hose must be placed horizontally, without unevenness and winding.

SPECIFICATIONS

MODEL	AFD2.5D
POWER SOURCE	115V~60Hz
TOTAL INPUT CURRENT	8.5A
MOISTURE REMOVAL (65°F/60%RH)	48.5 Pints/Day
MOISTURE REMOVAL (80°F/60%RH)	74 Pints/Day
MOISTURE REMOVAL (86°F/80%RH)	123 Pints/Day
MOISTURE REMOVAL (95°F/90%RH)	158Pints/Day
INPUT POWER (65°F/60%RH)	500W
INPUT CURRENT (65°F/60%RH)	5.4A
IEF (65°F/60%RH)	1.60 liters/kWh
MOTOR FLA	0.76A
MOTOR COMPRESSOR (RLA/LRA)	RLA:6.4A LRA:30A
REFRIGERANT	R410a/450g
MAXIMUM ALLOWABLE PRESSURE	5.5MPa (800 PSIG)
HIGH PRESSURE	4.0MPa (580 PSIG)
LOW PRESSURE	1.7MPa (247 PSIG)

The working temperature of the machine normally ranges from 41°F to 100°F. If the room temperature exceeds this range, the machine will not work properly.

The company reserves the right to change the product, the above parameters are subject to change without notice.



♠ WARNING:

This product can expose you to chemicals including Styrene and its compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.

MAINTENANCE & CLEANING

Maintenance

Before maintenance and cleaning of machine, please remove the power plug.

Do NOT clean the machine body with detergent, steel wool, chemically treated dust cloth, gasoline, benzene, thinner or other solvents.

Because, it will damage the machine body.

Clean The Filter

This machine is equipped with a cleanable filter, which can remove most of the airborne dirt, such as dust, smoke, animal dander, mold spores and pollen, which reduicng allergens in the environment.

We recommend you to periodically check the filter, clean it once a month or before storage.

Take Out The Filter Net

- 1. Please use a vacuum cleaner to gently remove the dust from the surface of the filter.
- 2. If the filter is very dirty, clean it with warm water and mild detergent and dry it completely.
- 3. Put the filter back to the product.

WARRANTY & CONTACT US

Warranty

Waykar offers a 12-month warranty to all of our products together with the original proof of purchase when a defect occured, including those newly purchased and unused, from Waykar or through an authorized reseller, wholly or substantially, or as a result of faulty manufacturing parts, or workmanship during the Warranty Period.

The warranty does not apply if damage is caused by other factors, including but without limitation of:

- (a) Normal wear and tear;
- (b) Abuse, mishandling, accident or failure to follow operating instructions;
- (c) Exposure to liquid or infiltration of foreign particles;
- (d) Servicing or modification of the product other than by Waykar.

There are our general terms for the warranty service, but we always encourage our customers to contact us if any issues, regardless of warranty terms. If you are experiencing an issue with Waykar product, you can reach out to us at support@waykar.com, we will dedicate our efforts to resolve it for you.

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, Date of Purchased if applicable.

Customer Support

If you have any questions or concerns about our product, please feel free to contact our expert support team. Waykar customer service is ready to help.

Waykar Office

210 Henson Road Bldg A, Blacksburg, SC 29702 USA

Email: support@waykar.com Live Chat: www.waykar.com

Support Hours

24 Hours available

*Please have your Order Number ready before contacting customer support.



For FAOs and more information please visit

www.waykar.com



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(Scan the QR Code for Live Chat)