

# waykar

## Home Dehumidifier

Please read the manual carefully  
before using the unit

**CFD2.5D**

USER MANUAL

## FOR CUSTOMERS

Thank you for purchasing our dehumidifier.

**Waykar** wishes that our products and services can bring convenience to your work and life. We highly recommend that you keep the manual for reference if you encounter unexpected events using the unit.

Please read the manual carefully to ensure proper use of the dehumidifier. Our dehumidifiers are widely used in family bedrooms, bathrooms, basements, offices and storage rooms, etc.

The dehumidifiers from **Waykar** provide quick and efficient operation to reduce room's humidity and bring you a healthy and comfortable life.

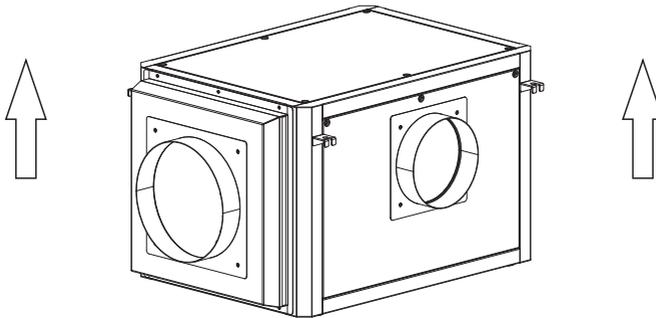
## TO ACCESS CUSTOMER SUPPORT FASTER

If there is any problem of the product, please contact Waykar Customer Service at [support@waykar.com](mailto:support@waykar.com) with your Purchase Order ID to help you address the problem more effectively.

# BEFORE FIRST USE:

To prevent any internal damage, it is very important to keep refrigeration units (like this one) upright throughout their journey.

Please leave it standing upright and outside the box for **24 HOURS** before plugging it in.



# TABLE OF CONTENTS

**Safety Instructions** 01

**Structure Description** 02

**Operation Instructions** 04

**Common Troubleshooting** 08

**Special Notes** 09

**Technical Specifications** 10

**Cleaning & Maintenance** 11

**Warranty** 12

# Safety Instructions

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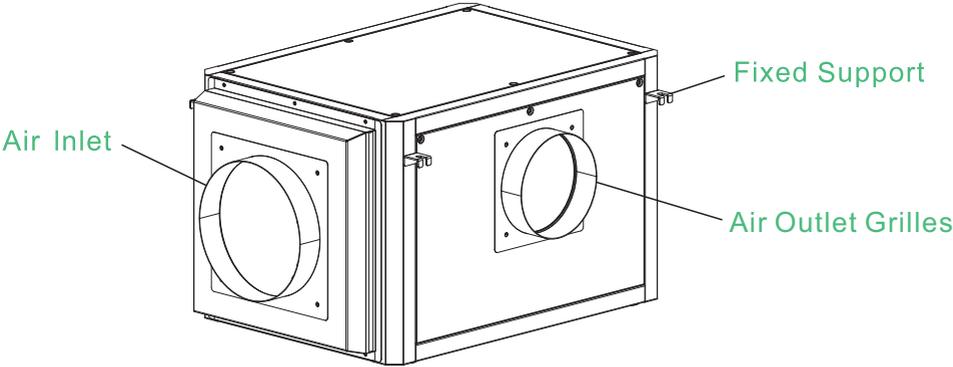
## Important Notes:

For your safety, please read the manual carefully and keep the manual for future reference. Please use this product according to the instructions of installation and operation of this 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.

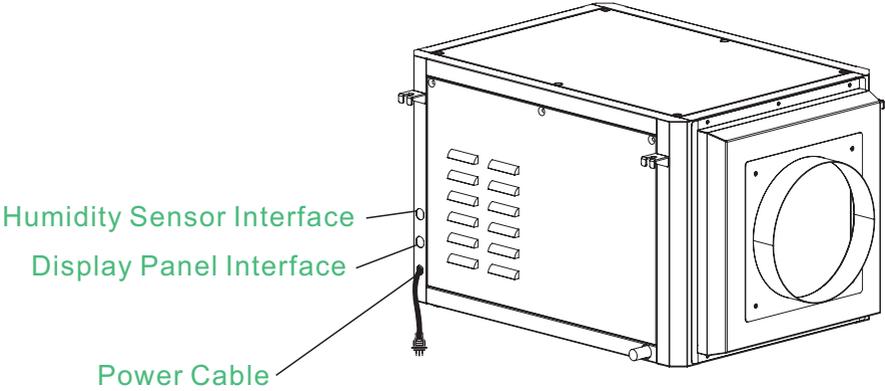
# Structure Description

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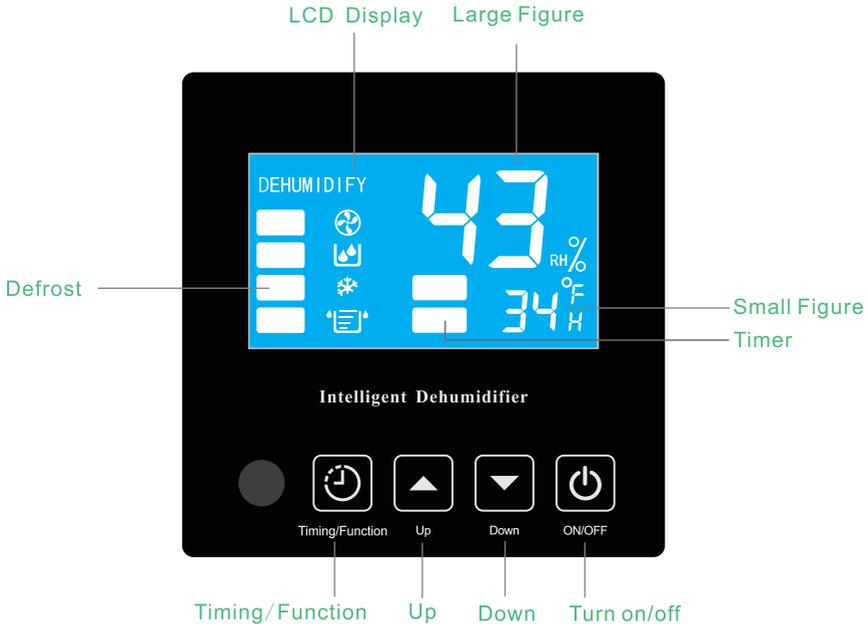
# Structure Description

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# Operation Instructions

## Control Panel



## 1.Button Description

### ( 1 ) Power Button

Press the power button to turn on/off the machine, the LCD screen will light up when in power-on status, otherwise it will be off.

(Note: When the LCD screen is off, it doesn't mean that the power is off.)

### ( 2 ) Up Button

Set humidity value or timer setting increments.

### ( 3 ) Down Button

Set humidity value or timer setting decrements.

### ( 4 ) Timing/Function Button

Long press to enter the timer setting mode, short press to confirm the parameters settings.

# Operation Instructions

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## 2. Humidity Setting

In power-on status, press "up" or "down" button once to set humidity value, "RH%" will light up and the large figure will flash to display the humidity value.

In the humidity setting mode, you can set humidity value within the range of 10-98% RH.

Press "Timer/Function" button once or no operation after seconds, it will exit the humidity setting mode automatically.

## 3. TIMER Setting

This TIMER Setting function is designed for you to set a time to turn on (when the machine is off) or turn off (when the machine is on) the machine automatically by the timer.

In power-on/off status, long press "TIMER" button to enter timer setting mode, "H" and the "TIMER" icon will light up, and the small figure will flash to display the initial setting time as "00".

In "TIMER" setting mode, you can press "Up" or "Down" button to adjust the setting time within the range of 1-24 hours, which can be set again after invalid.

When no TIMER setting, the small figure will display the current temperature. If you successfully set the "TIMER", the small figure will display the remaining setting time, and if you press the "Timer/Function" then, you can check the current temperature again.

## 4. Action Description

Power on: Compressor 1 starts after the fan has worked for a few seconds; compressor 2 starts after compressor 1 has worked for another few seconds.

Power off: Compressor 1 and compressor 2 shuts down at once, and the fan will stop after a few seconds.

The compressor features a "3 minutes delay protection function", when the dehumidifier is powered, the compressor can only start after 3 minutes after its last shutdown.

## 5. Status Description

When the machine is delayed, the "Running" character will flash, and if the fan is running, the running symbol "  " will be on, otherwise it will be off.

When the compressor is running, the dehumidification symbol "  " will be on, otherwise it will be off.

When the humidity has reached the setting value and dehumidification stops, the "Wet Controller" character will flash, indicating the wet control status.

# Operation Instructions

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## 6. Auto Defrost

When the dehumidifier is running at a lower temperature, the system will automatically determine whether there is a presence of frost. If any frost exists, it will defrost automatically.

Defrost Action: The fan keeps running and the compressor stops.

When Defrosting: The "Defrosting" character or the " ❄️ " icon will flash.

When Defrosting Stops: The "Defrosting" character or the " ❄️ " icon will go out, the fan and the compressor will both work according to dehumidification requirements.

## 7. Temperature Protection Function

When the ambient temperature is higher than the Default Highest Temperature (113°F), the system will enter high temperature protection, the small figure on the screen will indicate "HH", and the compressor will stop.

When the ambient temperature is lower than the Default Lowest Temperature (39 °F), the system will enter the low temperature protection, the small figure on the screen will indicate "LL", and the whole machine will stop.

## 8. Drainage

The dehumidifier only drain through continuous drainage:

1. There is an a drainage hose included, which comes with the product in the package.
2. When using the drainage hose, please make sure the hose is placed downwards smoothly to drain out the water without being bent or knotted, this will cause a drainage problem.

# Operation Instructions

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## Fault Code

No.	Fault code	Fault name
1	E0	Defrost Temperature Sensor 2 Failure
2	E1	Humidity Sensor Failure
3	E2	Defrost Temperature Sensor 1 Failure
4	E3	Phase Sequence Failure (not Applicable Under Uniphase Condition )
5	E4	Temperature Sensor Failure
6	E5	High Voltage Failure
7	E6	Low Voltage Failure
8	E7	Full Water Alarm
9	E8	Compressor Current Overload Failure
10	E9	Fan Current Overload Failure
11	EA	Defrost Temperature Sensor 3 Failure
12	Eb	Defrost Temperature Sensor 4 Failure
13	Ec	Display Panel Abnormal Transmission

### Notes:

1. When E0, E1, E2, E4, EA or Eb occurs, the fan and compressor will not stop. The machine can still be restarted again after shut down (Press any button can stop the alarm.).
  2. If the display screen reads the error code of E3, E5, E6, E8 or E9, you need to unplug the unit after troubleshooting and reconnect the power to release the alarm.
  3. When Ec occurs, the machine operation will not be controlled by the control panel.
- If the Error Code is still present, please don't hesitate to contact Waykar Customer Service email at [support@waykar.com](mailto:support@waykar.com) for help.

# Common Troubleshooting

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PROBLEM	CAUSE	SOLUTION
Dehumidifier does not operate.	<ol style="list-style-type: none"><li>1. Power failure.</li><li>2. The power switch is not connected.</li><li>3. The power plug is not plugged into the socket.</li><li>4. The fuse has blown out.</li><li>5. Machine failure prompt.</li></ol>	<ol style="list-style-type: none"><li>1. Restore power.</li><li>2. Turn on the switch</li><li>3. Plug in the socket.</li><li>4. Replace the fuse.</li><li>5. Check the error code, ask seller for help.</li></ol>
Dehumidifier operating, but room not dry.	<ol style="list-style-type: none"><li>1. There is too much dust in the filter.</li><li>2. The air inlet and outlet are obstructed.</li><li>3. All doors, windows and other openings are open.</li><li>4. Refrigerant leak.</li></ol>	<ol style="list-style-type: none"><li>1. Clean the filter.</li><li>2. Remove obstacles.</li><li>3. Close the door and windows.</li><li>4. Ask seller for help.</li></ol>
Water reservoir leaking.	<ol style="list-style-type: none"><li>1. The Machine is tilted</li><li>2. Clogging of water drainage port.</li></ol>	<ol style="list-style-type: none"><li>1. Adjust the machine to a horizontal position.</li><li>2. Clean the dirt inside the port.</li></ol>
The dehumidifier makes a loud noise when operating.	<ol style="list-style-type: none"><li>1. The machine is tilted, instead of upright as it should be.</li><li>2. The air filter is clogged.</li></ol>	<ol style="list-style-type: none"><li>1. Place the machine levelly.</li><li>2. Clean the filter.</li></ol>

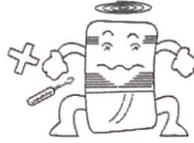
When the above faults can not be ruled out, confirmed and repair is needed, please contact the seller at [support@waykar.com](mailto:support@waykar.com), do NOT disassemble the machine for repair without permission.

# Special Notes

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- 1 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.



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



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



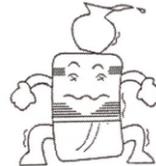
- 5 Please do not put objects around the body. If the ventilation is blocked, the dehumidification effect will be affected.



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



- 7 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.



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



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

# Technical Specifications

MODEL	CFD2.5D
POWER SOURCE	120V~ 60Hz
RATED POWER (95°F, 90%RH)	950W
RATED CURRENT (95°F, 90%RH)	8.5A
MOISTURE REMOVAL CAPACITY (65 F, 60%RH)	48 Pints/Day (22.7L/Day)
MOISTURE REMOVAL (80°F, 60%RH)	79 Pints/Day (37.3L/Day)
MOISTURE REMOVAL (86°F, 80%RH)	130 Pints/Day (61L/Day)
MOISTURE REMOVAL (95°F, 90%RH)	155 Pints/Day (73.5L/Day)
INPUT POWER (65°F, 60%RH)	520W
INPUT CURRENT (65°F, 60%RH)	4.7A
IEF (65°F, 60%RH)	1.60 liters/kWh
MOTOR FLA	0.9A
MOTOR COMPRESSOR	RLA: 6.4A LRA: 30A
REFRIGERANT	R410A/16.220ozs (460g)
MAXIMUM ALLOWABLE PRESSURE	800PSIG (5.5MPa)
HIGH PRESSURE	580PSIG (4.0MPa)
LOW PRESSURE	247PSIG (1.7MPa)

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](http://www.P65Warnings.ca.gov).

# Cleaning & Maintenance

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## 9. 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.

## 10. 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 reducing allergens in the environment.

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

## 11. 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

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Waykar offers a 12-month warranty to all of our products together with the original proof of purchase when a defect occurred, 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](mailto:support@waykar.com), we will dedicate our efforts to resolve it for you.

## Extend Your Warranty by 1 Year

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Register your product at [www.waykar.com](http://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

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

### **Waykar Office**

13211, Spring Street Baldwin Park, CA, US

Email: [support@waykar.com](mailto:support@waykar.com)

Live Chat: [www.waykar.com](http://www.waykar.com)

### **Support Hours**

24 Hours available

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



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For FAQs and more information please visit:

[www.waykar.com](http://www.waykar.com)



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(Scan the QR Code for Live Chat)

We are expecting to see our products fulfill your life and hear your voice.

Your satisfaction means a lot to us.

Please tag us if you share a snap on your social media.

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