

Fehom

Home Dehumidifier

Please read the manual carefully
before using the unit

PD08F

USER MANUAL

FOR CUSTOMERS

To prevent any internal damage, it is very important to keep Fehom units (like this one) upright throughout their journey. Please leave it standing upright and outside the box for 24 HOURS before plugging it in.

To Access Customer Support Faster

In the event this product malfunctions or customer believes it is defective, the customer should contact Customer Service and retain the defective product pending further instructions. Defective product should be clearly marked or stored where it cannot be used again by mistake.

If there is any problem with Fehom product, please contact Fehom Customer Service at support@fehom.com with your purchase Order ID to help us address the problem faster.

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.



CATALOG

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Statement

The graphics and functions provided in this manual may not be the same as the actual product. Please always refer to the actual product. The model of the machine on the manual is for reference only. Please check the corresponding content on this manual. This manual belongs to the company rights.

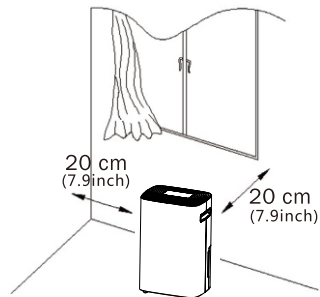
PRECAUTIONS FOR USE

Safety notes:

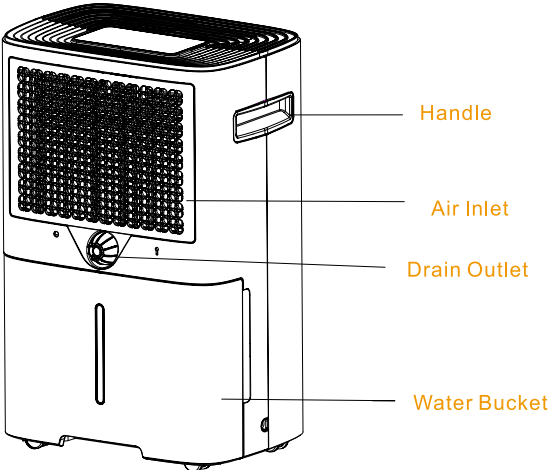
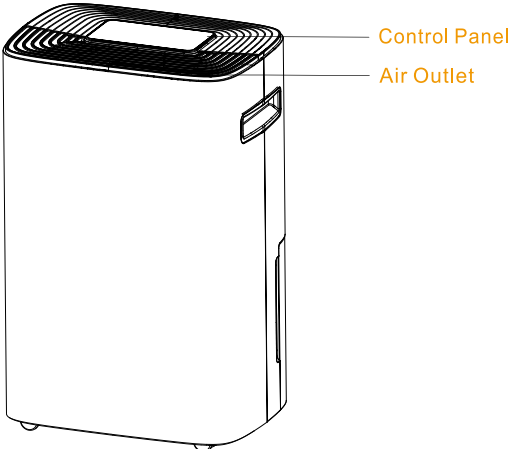
For your safety, please read the manual carefully and keep the manual to serve as a reference for product usage. This product is for home use only. Please use this product according to the installation and operation of this manual.

- Before cleaning the dehumidifier, turn off the power and unplug it from the power outlet..
- Please do not place the machine near heat or flammable dangerous goods.
- Do not insert your fingers or sticks into the air inlet or outlet.
- Always keep the machine on even surfaces, avoid placing the machine on uneven or sloping ground..
- Do not spray water, insecticides or flammable liquids on the unit.
- This machine should not be placed in a confined and narrow space.
- When the power cord is damaged, it must be replaced by a technician approved by the company .
- When using the dry clothes function, the clothes should be kept at least 40cm away from the air outlet to prevent water from entering the machine and damage the machine.
- The machine power wiring must be in accordance with national wiring rules, and, power line should be connected to the reliable external Naught wire.
- The fixed wiring of the machine connection must be equipped with an all-pole disconnect device (air switch) with at least 0.118inches contact opening distance.
- Model specification of safety tube:3.15A
- This product is not intended for use in the following crowd. (including children under 8 years old). The people who got physical slump, mental sensitivity, mental illness, mental retardation and lacks the knowledge on using this product unless with the supervision of a person who can guide and teach them to use the machine.
- When using dehumidifier, other objects surrounding the machine at least need to keep a distance of 7.9inches(20cm).

As the picture show:

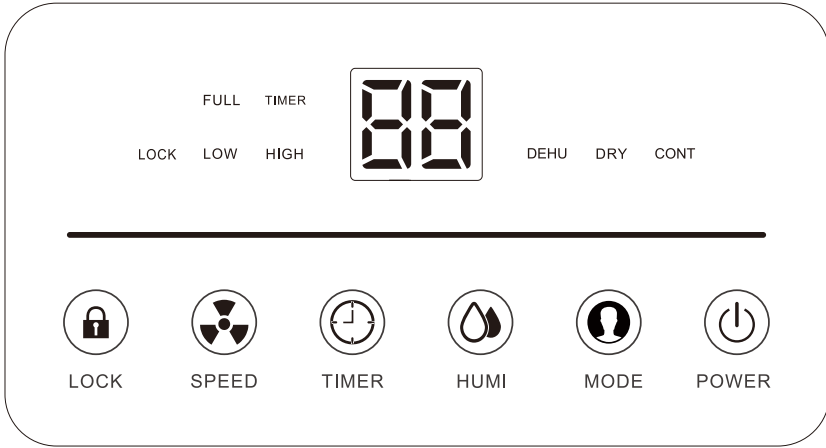


PRODUCT
STRUCTURE



OPERATION INSTRUCTION

1. Control Panel



POWER Button

To turn the dehumidifier ON/OFF.



MODE Button

To select working mode between DEHU, DRY, CONT.



TIMER Button

To set Auto ON/OFF timer in 1-24 hrs.



SPEED Button

To select fan speed between high and low.



HUMI Button

To set the humidity within a range of 30%RH to 80%RH in 5% increments



LOCK Button

It is used to open and release the child lock function.




WATER FULL Icon


Indicates the water bucket is full.

2.Setting

Setting Humidity



The humidity level can be set within a range of 30%RH to 80%RH in 5% increments.

- When it starts work, it will first automatically detect and show the room's humidity . Press the “” button to change the humidity selection in 5% increments. “88” Flash and show the setting humidity.

When the “88” flashing , you can set the humidity within a range of 30%RH to 80%RH in 5% increments. Press “” to make the humidity setting increase by 5%RH. After you don't operate the machine 5S, the “88” will show the actual room humidity.




- When the humidity level is higher or drops to the level you have set, the dehumidifier will automatically begin to work or stop.
- When the humidity level is set at 30%RH, the dehumidifier will be work at continuous dehumidifying mode.

Lock Setting

Press and hold the “” button for 3-5 seconds to lock or unlock the control panel. When the “” function has been activated, the indicator illuminates, and other buttons will be disabled. To regain use of the buttons, unlock the control button.

Timer Setting

This setting is used for you to be able to set a time where in you can set the timer to turn off and on the machine automatically.

1. Press the “” button to select the timer by 1-hour increments. You can set the timer up to 24 hours. It will start to do the countdown when you start the timer.
2. Modity to : Press and hold the “” button for several seconds to make the selection of the timer faster.
3. If the time is set to 00, this is called the invalid time. If you set the timer successfully, the light “” will light up. The led screen will show several seconds time, and show the current humidity.

OPERATION INSTRUCTION

Speed Button

Control the fan speed. Press to select either High or Normal fan speed. Higher fan speed will result in quicker moisture removal. Set the fan control to High for maximum moisture removal. When the humidity has been reduced and quiet operation is preferred, set the fan control to Normal.

DRY (Laundry Dry) Mode

Press the “MODE” button until you see the “DRY” indicator light up on the display to select DRY-CLOTHES mode. In the DRY mode, the dehumidifier will run continuously at high fan speed.

Note: In the DRY mode, the HUMI button and SPEED button disabled.

CONT (Continuous) Mode

Press the “MODE” button until you see the CONT indicator light up on the display to select continuous mode. In the CONT mode, the dehumidifier will run continuously until the water bucket is full.

Note: In the CONT mode, the HUMI button is disabled. SPEED button is available for setting.

Overflow Protection

When the bucket full of water, the machine will turn off automatically.

The indicator light “FULL” will flash. After you empty the water from the bucket, the indicator light “FULL” will turn off.







The machine will restart to work.

● Conveniently Draining

When the water tank is full, the Full Tank indicator will light up. No need to check the tank from time to time.

- **Auto Drain:** The dehumidifier has drain hose outlet where you can just simply attached the 6.56 ft hose use for continuously draining.
- **Manual Drain:** When the water tank is full, the “Full Tank” indicator will light up, the dehumidifier will automatically switch off and will start to turn on automatically when the tank is emptied and placed back on the unit.

3. Display Status Description

- When the device is currently powered on, when turning it off only the “POWER” will light up indicating device is in “Standby” status.
- Setting light “”: If the timer is setup properly, the indicator will light up, when the timer is not setup properly the indicator light will be showing off.
- High- speed indicate light “”: If you set the unit to high speed fan mode, its indicator will light up.
- Low-speed indicate light “”: If you set the unit on low speed fan mode, its indicator will light up.
- Dehumidify mode light indicator “”: When the machine starts to dehumidify, the indicator light will be showing.
- Water full light indicator “ FULL ” When the water tank or bucket is full, this indicator will be flashing.
- In the instance of having problems, the device will alarm and “” it will flash and show the error or fault code. (The alarm error or fault code and the humidity rotation will appear)
- When the dehumidifier working normally “”, will show the current humidity.

4. Instructions for Drying Clothes

1. The dehumidifier can be used for drying clothes in rainy weather.

Step 1.

Hang the washed clothes in a small space such as cloakroom, bathroom, or storage room.

Note: Keep the unit away from the water drip from the washed clothes.

Step 2.

Open the dehumidifier and set the humidity level at 30%RH. It is best if you let the air outlet of the dehumidifier to blow air to the clothes directly.

2. The drying effect will vary from the thickness of clothes, the number of clothes and the size of the drying space. Theoretically, the effect will be better when clothes are few, thin and space is small.

3. The drying process would take 3-8 hours, and we suggest that continuous drainage mode is more suitable when drying clothes.

5.Error & Protection Code

| Number | Error Code | Name Of The Fault | Note |
|--------|------------|----------------------------------|------|
| 1 | E1 | Humidity sensor error | |
| 2 | E2 | Defrost temperature sensor error | |
| 3 | E4 | Temperature sensor error | |

Attention

When the machine signals the alarm, it will flash or display the alarm, in case there are multiple error on the unit, it will show the error in a turn display behavior.

1. If the display reads “E1”, “E2” or “E4” error codes, please turn off and unplug the unit, and check for any obstructions. Plug it in again and restart the dehumidifier.
2. When one of the above malfunctions occurs, the buzzer will alarm for a few seconds. Press any key during the alarm to release the alarm sound.

If the malfunction is still present, please don't hesitate to contact Fehom Customer Service email: support@fehom.com for help.

Note:

Before starting the machine, please ensure that the air outlet has been opened, otherwise the machine will overheat. Do not pull out the power cord directly to stop the machine.

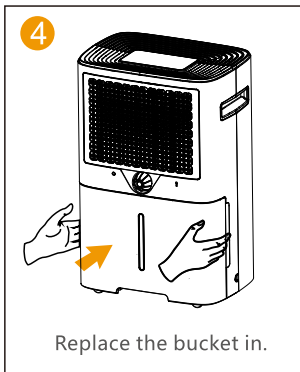
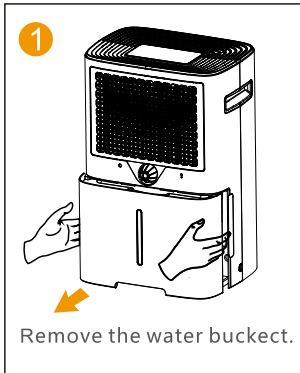
6.Empty The Tank or Bucket

There are two ways to remove collected water.

Use The Bucket

When the water tank is already full, the Full Tank Alert indicator will light up, the dehumidifier will automatically shut down until the tank has been emptied and placed back to the unit.

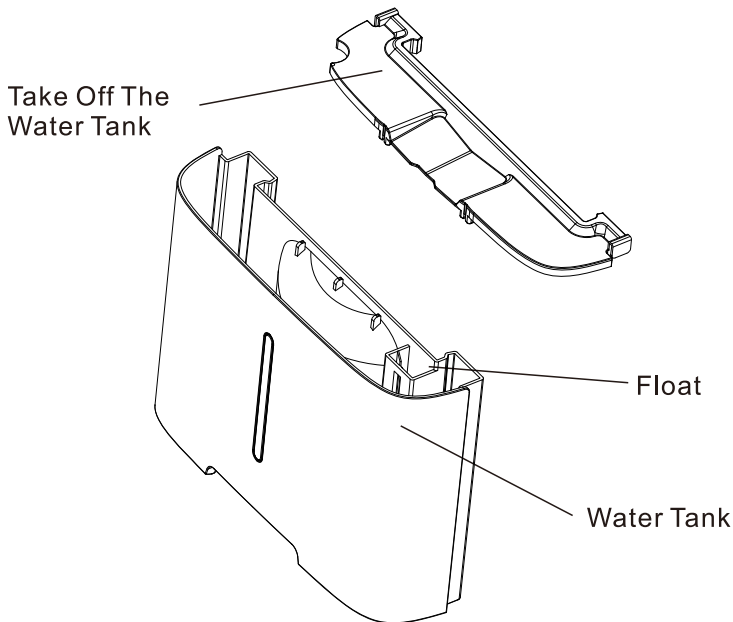
Ways to Empty the Water Tank



OPERATION INSTRUCTION

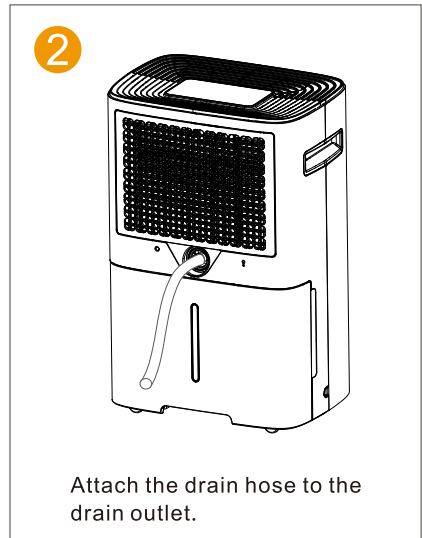
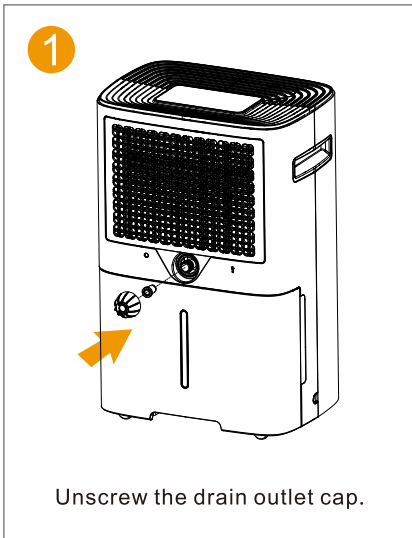
Note:

- Do not remove the float from the water tank. If the float in the water tank is removed, the sensor may not be able to determine the water level stored in the tank properly that may lead to water overflow leak from the water tank.
- If the water tank is dirty, just use cold water or warm water to clean it. Do not use detergent, steel wool, chemically treated dust cloth, gasoline, benzene, thinner or other solvents. Otherwise, it may damage the water tank and cause it to leak.
- When placing back the water tank, use your hands to press the tank back in its place. If the water tank is not placed properly, sensors or protections from water overflow may not operate as expected.



7. Continuous Drainage

Remove the power supply, take out the water tank, open the drain cover, insert the water pipe into the continuous drain port and push it back into the water tank. Connect the power supply to start the operation. The water outlet of the water pipe should be lower than the continuous drainage port by more than 3.9 inches, and the water pipe cannot be bent.
(Note: The continuous drain port diameter is 0.63inch.)



8. Smart Functions

Auto Shut Off

When the bucket is full and/or the room humidity reaches the set point, the dehumidifier will stop working automatically.

Wait 3 Minutes Before Resuming Operation

To avoid any damage to the dehumidifier, the compressor will not start operation following a complete cycle until after 3 minutes. The operation will automatically start after 3 minutes.

Auto Defrost

When the frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears. During defrost process, the POWER indicator will flash.

Auto-Restart

If the dehumidifier shuts off unexpectedly due to power being cut while it is running or in standby mode, the dehumidifier will restart with the previous function setting (working mode, set humidity, fan speed and etc.) automatically when the power resumes.

CLEANING AND MAINTENANCE

⚠ WARNING:

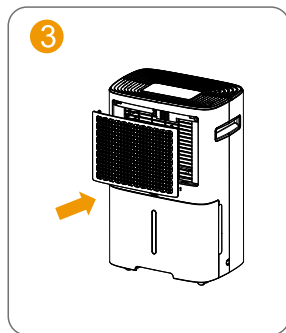
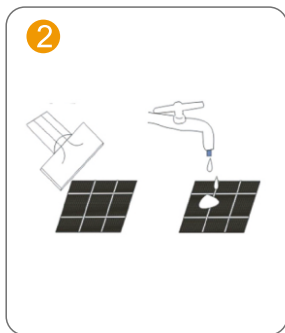
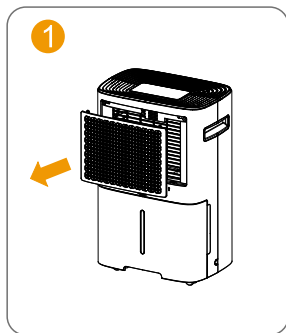
Turn the dehumidifier off and remove the plug from the wall outlet before Cleaning.

A- Cleaning the dehumidifier body

Please use only a soft and a bit wet textile or cloth to clean it.

B- Cleaning filter

1. Pull out the filter.
2. Clean the filter: Use a vacuum cleaner to gently remove the dust from the surface of the filter. If the filter is very dirty, wipe it with warm water and a mild detergent and dry it completely.
3. Slowly insert the filter back into the fuselage.



C-Dehumidifier storage

When you want to store the dehumidifier because you don't use it for a long time. Please pay attention to the following steps:

1. Empty the water in the water tank.
2. Roll up the power cord and tie it up.
3. Clean the filter.
4. Cover the dehumidifier with a storage protection bag.
5. Place the machine in a cool and dry environment.

TECHNICAL PARAMETERS

| | |
|---------------------------------|---------------------|
| MODEL | PD08F |
| POWER SOURCE | 120V~60Hz |
| RATED POWER(95°F,90%RH) | 400W |
| RATED CURRENT(95°F,90%RH) | 3.6A |
| MOISTURE REMOVAL(65°F,60%RH) | 15 Pints/Day |
| MOISTURE REMOVAL(80 °F,60%RH) | 23 Pints/Day |
| MOISTURE REMOVAL(86 °F,80%RH) | 40 Pints/Day |
| MOISTURE REMOVAL(95 °F,90%RH) | 50 Pints/Day |
| INPUT POWER(65°F,60%RH) | 216W |
| INPUT CURRENT(65°F,60%RH) | 2.0A |
| IEF(65°F,60%RH) | 1.30 liters/kWh |
| MOTOR FLA | 0.23A |
| MOTOR COMPRESSOR | RLA:2.4A LRA:9.9A |
| REFRIGERANT | R134a/150g(5.29ozs) |
| MAXLMUM ALLOWABLE PRESSURE | 3.5MPa |
| MAXLMUM OPERATING PRESSURE HIGH | 1.6MPa |
| MAXLMUM OPERATING PRESSURE LOW | 0.7MPa |

⚠ 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

COMMON FAULTS AND SOLUTIONS

Check the information below for troubleshooting steps that will save you time to resolve issues that may happen with the unit. The list includes most common issues. Listed below are not result of defective unit, crafts or materials in the unit. If all troubleshooting steps has been exhausted and issue is still occurring, feel free to get in touch with Fehom Customer Service to get further assistance.

| Problem | Reason | Method |
|----------------------------|---|--|
| Dehumidifier does not work | The power cord is unplugged. | Make sure that the unit's plug is inserted properly into the power outlet. |
| | Is the TankFull indicator blinking? (The tank is full or in a wrong position.) | Empty the water in the water tank and then reposition the tank. |
| | Is the room temperature above 95°F (35°C) or below 41°F (5°C)? | This product does not apply to over hot or cold environment, the machine will automatically protection, it is a normal phenomenon. |
| | Is the room temperature between 41°F (5°C) and 68°F (20°C)? | When running under lower ambient temperature, the machine will automatically defrost, it is a normal phenomenon. Wait until the defrost process finish, it will restart dehumidifying again. |
| | The dehumidifier is in the defrosting process. | It is normal the compressor ceases while defrosting process. Wait until the defrost process finish, it will restart dehumidifying again. |
| | Does the room humidity is lower than or reach the preset humidity level? (The room humidity has reached the preset humidity level, the dehumidifier enters into Standby Mode and the the LCD and indicators will flashing.) | Please set the humidity 5% decrease by degrees than the room humidity or set the humidity to 30%. |
| | There is prevent frequent start function in the machine. Dose the machine stop working just now? | Please wait for more than 3 minutes. |
| | Room humidity is low. | The dehumidifier is designed to work in the humidity range of 30%-80%. Above or below the work humidity range, it will not work. |

COMMON FAULTS AND SOLUTIONS

| | | |
|--|---|--|
| Dehumidifier does not dry the air as it should | The air filter is dirty. | Clean the air filter. |
| | Is the air inlet or air outlet obstructed? | Remove the obstruction from the air inlet or outlet. |
| | The dehumidifier size is too small for application. | Increase the quantity of dehumidifier. Or change a higher capacity dehumidifier. |
| | Poor air circulation. | Please leave about 7.9inch(20cm) around the product. |
| | Did not allow enough time to remove the moisture. | Allow enough time to remove the moisture. When first installed, allow at least 3-4 days to maintain the desired RH. |
| | The room has not been sealed properly. | Check that all doors, windows and other openings are securely closed. |
| | Room temperature is too low, or below 41°F (5°C)(The machine will not work and or poor dehumidify efficiency in low temperature) | Please wait the temperature rises above 5°C or higher. |
| The dehumidifier makes loud noise when operating | The dehumidifier is not positioned level. | Move the machine to a horizontal position. |
| | Is there blocking around the air inlet? The air filter is clogged. | Clean up the dirty form on the air outlet and intake. |
| | Is the filter installed correctly? | Please check whether the filter packing bag removed and install correctly. |
| Dehumidifier operates continuously | Check if the dehumidifier is in CONTINUOUS MODE. | Don't set the humidity too low. Typically, 40-50% are good settings to use. |
| | Room humidity is too high. | Change humidity settings. Or change a higher capacity dehumidifier. |
| | Doors and windows are open. | Ensure that all doors, windows and other openings are closed. |

COMMON FAULTS AND SOLUTIONS

| | | |
|----------------------------|--|---|
| Overflow of water on floor | Hose to connector or hose connection may be loose. | Connect the hose with the drain outlet tightly. |
| | The water bucket has not been installed properly. | Re-install the water bucket properly. |
| | The water tank 's float has been stunk. | Move the float and let it can be swung freely. |
| | The magnet on the float has come off. | Put the magnet in right position. |

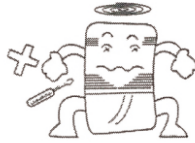
Warning:

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 fehom customer service support@fehom.com

SAFETY NOTE



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



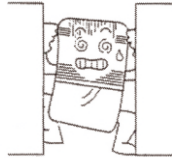
- 2 Do not insert thin rods and hard objects into the fuselage to avoid malfunction and danger.



- 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 fuselage, please use the wet textile 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, gasoline toluene)



- 10 When continuous drainage, the drainage pipe must be placed horizontally, cannot be an uneven and winding situation.



- 11 After clean the filter, please do not let it dry direct sunlight. Avoid the filter deformation.



- 12 Before moving and carrying the machine, please first pour out the water in the tank.

Warranty

Fehom offers a 12-month warranty to all of our products, newly purchased and unused, from Fehom or through an authorized reseller, together with the original proof of purchase when a defect occurred, 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 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 Fehom.

These are our general terms for the warranty service, but we always urge our customers to reach out to us with any issue, regardless of warranty terms. If you experience an issue with a Fehom product, please contact us at support@feh.com, we will do our best to resolve it for you.

Extend Your Warranty by 1 Year

Register your product at www.feh.com to extend your 1-year warranty by an additional year.

*Please filled out all required fields and include your order ID, Date of Purchased if applicable.

Customer Support

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

Fehom Office

13211, Spring Street Baldwin Park, CA, US

Email: support@feh.com

Live Chat: www.feh.com

Support Hours

24 Hours available

*Please have your order number before contacting customer support.

Fehom

For FAQs and more information please visit:
www.fehom.com



@Fehom



@Fehom



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(Scan the QR Code for Live Chat)

We would love to see our product being used and how it makes your day!! Your support means the world, Please tag us if you share a snap on your social media.

www.fehom.com