# TABLE OF CONTENTS

1. Important Safety Instructions .......................................................... 1

2. Parts Description ........................................................................ 3

3. Operation ....................................................................................... 4

4. Care & Cleaning ........................................................................... 9

5. Troubleshooting ........................................................................... 10

6. Technical Specifications ................................................................. 11

7. Warranty ....................................................................................... 12

8. Warning ......................................................................................... 12

9. Contact Us ................................................................................... 12
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.
Important Safety Instructions

Important Notice for First Use

To prevent user or other people’s property damage injury, the instructions should be followed properly. Incorrect usage due to ignoring the instructions may cause or harm or injury. This manual is for household use only.

1. Make sure to turn off and unplug the dehumidifier before cleaning.
2. Do not touch the plug when hands are wet.
3. Do not operate or turn off the dehumidifier by plugging in or unplugging the device. Use the control panel instead.
4. Make sure that the water hose is sloping downward to let the water flow out smoothly.
5. Do not use if the power cord is broken or damaged.
6. Do not place the dehumidifier in places where it may be splashed by water.
7. Do not place the dehumidifier near a heat source.
8. Do not install the dehumidifier in a location that may be exposed to combustible gas.
9. Do not use the dehumidifier near flammable or combustibles, such as gasoline, benzene, thinner, etc.
10. Do not use in areas where chemicals are handled.
11. Do not climb on or place objects on the dehumidifier.
12. Do not place a heavy object on the power cord and make sure that the cord is not compressed.
13. Place the dehumidifier on a level, sturdy section of the floor, and avoid placing on uneven or tilted section. If the dehumidifier is knocked over during use, turn off the dehumidifier and unplug it from the main power supply immediately. Visually inspect the dehumidifier to ensure there is no damage.
14. Disconnect the power if strange sounds, smell, or smoke comes from the dehumidifier.
15. Do not take the water bucket out while the dehumidifier is working.
16. Do not cover the intake or exhaust openings with cloths or towels.
17. Use the dehumidifier with care in the presence of the following persons: infants, children, the elderly and people not sensitive to humidity.
18. Never insert your finger or other objects into grills or openings of the unit. Keep out of reach from children to avoid dangers.
19. You should never try to take apart or repair the dehumidifier by yourself.
20. Do not drink or use the water drained from the dehumidifier.
21. Always insert the filters securely. Make sure to clean the filter once every month.
22. Do not use the dehumidifier in tiny spaces.
23. If water enters the dehumidifier, please turn the dehumidifier off and disconnect the power, contact Yaufey Customer Service at email: support@yaufey.com in order to avoid a hazard.
**POWER button**

Press to turn the dehumidifier on and off.

**SETTING button**

The humidity level can be set within a range of 30%RH to 80%RH in 5% increments. When it starts to work, it will automatically detect and show the room’s humidity and temperature. Press the "SETTING" button to change the humidity selection in 5% increments. It can be set circularly. (After you have set the desired humidity, the readout will display the actual room humidity.) When the humidity level is higher or drops to the level you set, the dehumidifier will automatically begin to work or stop. When the humidity level is set at 30%RH, the dehumidifier will be at CONTINUOUS dehumidifying mode.

**TIMER Button**

The "TIMER" Button enables you to either Delay Start or Delay Stop the unit in the choice from 1 hour to 24 hours. In the shutdown state, the timer is set to the timing boot. In the boot state, the timer is set to the time shutdown. TIMER setting:

1. Press "TIMER" button to change the delay timer at 1 hour increments, up to 24 hours. The control will count down the time remaining until start.
2. Click “TIMER” button, the control will display the room temperature like before. Click “TIMER” button again at any time will stop the TIMER function.
3. Turning the dehumidifier ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop function.
Note:
- Before entering TIMER setting, make sure power is being supplied to the unit.
- Before entering TIMER setting, make sure pressing Setting Button sets one desired room humidity first.

SPEED Button
Control the fan speed. Press to select either High or Normal fan speed. A 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.

"BUCKET FULL" Indicator Lights
When the bucket is full, the light will flash and the machine will automatically shut down. After the water in the bucket is emptied, put the bucket back in place then the indicator light will not be showing, and the machine will restart.

Auto Defrost Feature
When the dehumidifier is running at a lower temperature, the system will automatically determine if there is frost, and if if frost is present, it will automatically defrost.

Defrost action
The fan runs at high wind speed while the compressor stops, and the LED screen display the defrosting symbol.

Action Description
Power on: Compressor starts after fan works for a few seconds.
Power off: Compressors shuts down at once, after a few seconds, the fan will stop. (Note: When malfunctions occur or humidity reached the desired level, the fan will stop after ten seconds)
Tips: The compressor features "3-minute delay protection" function —— While the dehumidifier is powered, the compressor can only start again three minutes after its last shutdown.
Fault & Protection Codes:

<table>
<thead>
<tr>
<th>Number</th>
<th>Fault code</th>
<th>Name of the fault</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>E1</td>
<td>Humidity sensor error</td>
</tr>
<tr>
<td>2</td>
<td>E2</td>
<td>Defrost temperature sensor error</td>
</tr>
<tr>
<td>3</td>
<td>E4</td>
<td>Temperature sensor error</td>
</tr>
<tr>
<td>4</td>
<td>E7</td>
<td>Bucket is full. Empty the bucket.</td>
</tr>
</tbody>
</table>

**Attention:**

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 error code is still showing, please don’t hesitate to contact Yaufey Customer Service email: support@yaufey.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.
REMOVING THE COLLECTED WATER

There are two ways to remove collected water:

1. Use the bucket

When the bucket is full, remove the bucket and empty it.

Note:
Replace the empty bucket back into the unit and once seated correctly, the unit will start up again.
- You should hear a click when the bucket is in the correct position.
- Do not remove the float in the bucket, otherwise the sensor will not be able to sense the water level properly, so that the water will overflow from the bucket when the bucket is full.
- If the tank is dirty, only can be used in cold or warm water wash, do not use detergent, steel wool, chemical processing dust cloth, gasoline, benzene, thinner or other solvent treatment, otherwise it may cause damage to the tank Water Leakage.
Continuous Drainage

The continuous drainage function can be realized by connecting the drainage pipe at the continuous drainage port.

Continuous drainage Pipe installation

Picture 1: Example of improper installation.
- The water pipe is in upward arch position (point D) above point B. Inside of the water pipe is prone to air and accumulation, which leads to a low discharge through the pipe.

Picture 2: Example of improper installation.
- The water container (point D) is lower than the continuous drain pipe (point A) but higher than the point B. Inside the pipe is prone to air and water leading to a low discharge of water through the Pipe.
- Do not place pipe outlet (point C) into water.

Picture 3: Example of proper installation.
- The water pipe is positioned from high to low leading the water to smoothly flow on the continuous drainage port (point A through point C) which can be discharged into the sewers or a water container. (Note: The outlet, point C, is placed 3.97 inches above point A. Extensions or adding additional pipes is not recommended.)

The picture is for reference only.
**Care & Cleaning**

**CARE AND CLEANING OF THE DEHUMIDIFIER**

**WARNING:**
Turn the dehumidifier off and remove the plug from the power source or outlet before cleaning

1. **Clean the bucket**
   Clean the bucket with water every two (2) weeks.

2. **Clean the air filter**
   Clean the filter with clean water at least once every 30 days.

3. **Storing the dehumidifier**
   - When the dehumidifier is not used for long period of time.
   - After turning off the dehumidifier, wait one day before emptying the bucket.
   - Clean the main dehumidifier, bucket and air filter.
   - Wrap the cord and tie it with a band (e.g. rubber band).
   - Cover the dehumidifier with a plastic bag.
   - Store the dehumidifier upright in a dry, well-ventilated place.

**CAUTION:**
Do not operate the dehumidifier without a filter. Because dirt and lint will clog it and reduce performance.
Troubleshooting

See 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 Yaufey Customer Service to get further assistance.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dehumidifier does not start</td>
<td>- Make sure the dehumidifier’s plug is inserted completely into the outlet.</td>
</tr>
<tr>
<td></td>
<td>- Check the house fuse/circuit breaker box.</td>
</tr>
<tr>
<td></td>
<td>- Dehumidifier has reached its preset level or bucket is full.</td>
</tr>
<tr>
<td></td>
<td>- Bucket is not in the proper position.</td>
</tr>
<tr>
<td></td>
<td>- Room temperature is between 41°F (5°C) and 68°F (20°C).</td>
</tr>
<tr>
<td></td>
<td>Auto-defrost is in progress. The unit can’t be started temporarily.</td>
</tr>
<tr>
<td>Dehumidifier does not dry the air as it should</td>
<td>- Did not allow enough time to remove the moisture.</td>
</tr>
<tr>
<td></td>
<td>- Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier.</td>
</tr>
<tr>
<td></td>
<td>- The humidity selector may not be set low enough.</td>
</tr>
<tr>
<td></td>
<td>- Check that all doors, windows and other openings are securely closed.</td>
</tr>
<tr>
<td></td>
<td>- Room temperature is too high or too low, above 100°F (38°C) or below 41°F (5°C).</td>
</tr>
<tr>
<td></td>
<td>- There is a kerosene heater or something giving off water vapor in the room.</td>
</tr>
<tr>
<td>The dehumidifier makes a loud noise when operating</td>
<td>- The air filter is clogged.</td>
</tr>
<tr>
<td></td>
<td>- The dehumidifier is tilted instead of upright as it should be.</td>
</tr>
<tr>
<td></td>
<td>- The floor surface is not level.</td>
</tr>
</tbody>
</table>

If the steps provided above may not resolve the problem and still occurring. Please contact Yaufey Customer Service at support@yaufey.com to get further assistance.
## Technical specifications

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Dehumidifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
<td>PD161D</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>110-120V ~ 60Hz</td>
</tr>
<tr>
<td>RATED POWER</td>
<td>200W</td>
</tr>
<tr>
<td>RATED CURRENT</td>
<td>2.0A</td>
</tr>
<tr>
<td>INPUT POWER (80°F, RH60%)</td>
<td>160W</td>
</tr>
<tr>
<td>INPUT CURRENT (80°F, RH60%)</td>
<td>1.7A</td>
</tr>
<tr>
<td>MOISTURE REMOVAL (80°F, RH60%)</td>
<td>11.5pints/Day (5.45L/Day)</td>
</tr>
<tr>
<td>INPUT POWER (86°F, RH80%)</td>
<td>180W</td>
</tr>
<tr>
<td>INPUT CURRENT (86°F, RH80%)</td>
<td>1.8A</td>
</tr>
<tr>
<td>MOISTURE REMOVAL (86°F, RH80%)</td>
<td>22.5pints/Day (10.7L/Day)</td>
</tr>
<tr>
<td>INPUT POWER (95°F, RH90%)</td>
<td>260W</td>
</tr>
<tr>
<td>INPUT CURRENT (95°F, RH90%)</td>
<td>2.6A</td>
</tr>
<tr>
<td>MOISTURE REMOVAL (95°F, RH90%)</td>
<td>32.7pints/Day (15.5L/Day)</td>
</tr>
<tr>
<td>MOTOR FLA</td>
<td>0.19A</td>
</tr>
<tr>
<td>MOTOR COMpressor</td>
<td>RLA:1.75A LRA:11A</td>
</tr>
<tr>
<td>REFRIGERANT</td>
<td>R134a/3.7ozs (105g)</td>
</tr>
<tr>
<td>HIGH PRESSURE</td>
<td>232PSIG (1.6MPa)</td>
</tr>
<tr>
<td>LOW PRESSURE</td>
<td>90PSIG (0.62MPa)</td>
</tr>
</tbody>
</table>
Warranty

Yaufey offers a 12-month warranty to all of our products, newly purchased and unused, from Yaufey Technology Co., Ltd. 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 Yaufey.

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 Yaufey product, please contact us at support@yaufey.com, we will do our best to resolve it for you.

Get That Warranty

Register your product within 14 days of your purchase to receive an extra bonus year on your warranty!

1. Visit www.yaufey.com/account/register

2. Enter in your purchase information and opt into our exclusive community.

3. Receive wellness tips, style inspiration, a chance to win free product giveaways, an the inside scoop on Yaufey products in your inbox.

Contact Us

- OFFICIAL WEBSITE
  www.yaufey.com

- CALL US
  +1(907) 318-1699
  Mon-Fri 6:30PM - 3:30AM(PST)

- EMAIL US
  support@yaufey.com
support@yaufey.com

Contact us on Facebook:

[Search bar]

Yaufey

(Scan the QR Code Get More)

www.yaufey.com