PD582A

USER MANUAL

Please read the manual carefully and keep them properly before using.
Dear user,

Thank you for purchasing our dehumidifier, hope it can bring comfort and convenience to your work and life. It is recommended that you keep the manual properly for future reference. Before using this product, please read the manual carefully to ensure that the product performs its best function.

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**Drying instructions**

1. The dehumidifier can be used in the wet weather to dry clothes, You only need to hang up the washed clothes in a small space such as a cloakroom, bathroom or storage room (note: not drip on the machine), open dehumidifier, set the humidity value at 30% (if there is "a key drying" or "dehumidification", please click this button), blew to the clothes directly, the effect will be better.

2. The drying effect will vary according to the thickness of your clothes, the number of clothes, and the size of the drying space. It will take about 3-8 hours. In principle, clothings is thinner, the quantity is less, the space is smaller, the effect is better, time is shorter, the drying time will depend on your demand, continuous drainage is recommended when drying clothes.
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**Statement**

The graphics and functions provided in this manual may be different from the physical products. Please refer to the physical products and the actual model. With the technical innovation and improvement of the product, the contents of the product manual of the same model may be changed without prior notice. The machine model in the manual is for reference only. Please check the content operation according to physical product. The right of interpretation of this article belongs to the company.
Important Safety Instructions

To prevent injury to the user or other people and property damage, the following instructions must be followed when using the Dehumidifier. Incorrect operation due to ignoring of instructions may cause harm or damage.

1. Do not exceed the rating of the power outlet or connection device.
2. Do not operate or turn off the dehumidifier by plugging in or unplugging the device. Use the control panel instead.
3. Do not modify the power cord length or share the outlet with other appliances.
4. Do not install the dehumidifier in a location that may be exposed to combustible gas.
5. Do not place the dehumidifier near a heat source.
6. Disconnect the power if strange sounds, smell, or smoke comes from the dehumidifier.
7. You should never try to take apart or repair the dehumidifier by yourself.
8. Make sure to turn off and unplug the dehumidifier before cleaning.
9. Do not use the dehumidifier near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
10. If the dry clothes function is used, the clothes should be kept at least 40cm away from the air outlet to prevent water from entering the machine and damage the machine.
11. Do not use the dehumidifier in a closed, narrow space.
12. Do not place the dehumidifier in places where it may be splashed by water.
13. The fixed wiring of the machine connection must be equipped with an all-pole disconnect device (air switch) with a minimum of 3mm electric shock.
14. The fuse model specification is: 3.15A
15. Care should be taken when using the dehumidifier in a room with the following persons: infants, children, the elderly and people not sensitive to humidity.
16. When the machine is in use, it must be at least 20cm away from the surrounding objects, as shown in the figure.
Main Engine

Top cover
Air outlet
Control panel
Handle
Air inlet (built-in activated carbon filter)
Front cover
Rear cover
Water tank
Base
Universal wheels

**Note:** The technical parameters of the product are subject to the nameplate on the product.
Operation Interface

Control Panel

- Power ON/OFF
- Timer
- Mode selector
- Set up
- Fan speed
- Swing
- Lighting
- Child lock
Operating Instructions

1. **Function button**

   • **Mode button**
     Selects the appropriate operating mode. Each time you touch the button, a mode is selected in a sequence that goes from DEHUMIDIFY and DRY CLOTHES. The mode indicator light illuminates under the different mode settings. While on DEHUMIDIFY mode, humidity, fan speed and swing can be set. While on DRY CLOTHES mode, humidity can not be set.

   • **TIMER button**
     Touch it to initiate the Auto start and Auto stop feature.
     • When the dehumidifier is on, first press the Timer button. The Timer indicator light will illuminate. It indicates the Auto Stop program is initiated. While the TIMER indicator light illuminates, touch it again to see the remaining timing.
     • When the dehumidifier is off, first touch the Timer button. The TIMER indicator light h illuminates. It indicates the auto start program is initiated. While the TIMER indicator light illuminates, touch it again to see the remaining timing.
     • Press or hold the TIMER button to change the Auto time by 1 hour increments up to 24 hours. The control will count down the time remaining until start.
     • When the Auto start & Auto stop times are set, TIMER indicator lights illuminate identifying TIMER ON OR OFF are now programmed.
     • Adjusting the timer setting to 00 will cancel the Auto Start/Stop function.

   • **Humidity button**
     The digital light flashes to show the humidity value. Press the setting button again to change the set humidity value, each time increasing 5% RH, setting range 30%-80%, can be cycled; long press the setting button for a few seconds, then continuously change the set temperature value; no button operation for several seconds, Then automatically exits the humidity setting state.
Operating Instructions

• **SPEED button**
In the power-on state, press the wind speed button to set the fan to run high or low wind. When set to high wind, the fan speed symbol 2 is on; when set to low wind, the fan speed symbol 1 is on.

• **SWING button**
In the power-on state, press the SWING button to start or stop the automatically swing. When the indicator light is on, the automatically swing turn on, and when the light is off, the automatically swing stop.

• **LOCK button**
Touch and hold the LOCK button for 3 seconds to turn on child lock function, while the function on, the lock icon keep illuminating, touch and hold the button for 3 seconds again to remove child lock, the icon will be off.

2. **Query temperature**
In the power on state. The control panel will display the current temperature and humidity.

3. **Water full protection**
When the water tank is full, the unit will auto shut off, water full indicator light flashing, to remind users the equipment is full of water, at this point, the users need to cut off the device, then empty the water tank. After water pour out, restart the device to resume normal operation.

4. **Auto Defrost**
When running in a low temperature, the dehumidifier will automatically detect whether there is frost, if there is frost, it will defrost automatically. While on defrost, the fan runs at high wind speed and compressor stops, the defrost indicator light flashing.
5. **Action Description**

First running: Fan delay starts in a few seconds, and the compressor starts to delay for a few seconds.

Turn off: The compressor stops immediately, fan delay stops in a few seconds.

Dehumidification control:
- Ambient temperature≥setting temperature +3  compressor work.
- Ambient temperature≤setting temperature -3 compressor don’t work.

Note: In the case of an uninterruptible power supply, the compressor must meet the three-minute start-stop requirement.

6. **Status Description**

- **TIMER** ......................Light indicates TIMER in progress
- **DEHUMIDIFY** .................Light indicates dehumidify mode in progress or ambient temperature reach setting humidity.
- **DRY CLOTHES** .................Light indicates dry clothes mode in progress
- **FAN SPEED** .....................Light 2 -fan in high speed; Light 1 -fan in low speed
- **SWING** ......................Light indicates automatic swing mode in progress, otherwise, it is off.
- **LOCK** ......................When the child lock setting is valid, the light is on, otherwise, it is off.
- **DEFROST** .....................Light indicates defrosting in progress
- **WATER FULL** ....................The bucket is full and should be emptied.
### Operating Instructions

#### 7. Error Codes:

<table>
<thead>
<tr>
<th>Number</th>
<th>Error code</th>
<th>Error code meaning</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>Room temperature sensor error</td>
</tr>
<tr>
<td>4</td>
<td>E7</td>
<td>Water full alarm</td>
</tr>
</tbody>
</table>

**Note:**
- When E1, E2 or E4 occurs, the machine can continue to dehumidification; Buzzer alarm and display the error code. After the power is disconnected and reconnected, the machine can still be dehumidified. After the alarm, the humidity of the environment may not continue to be controlled according to the set humidity.
- When the error occurs, the buzzer will alarm for a few seconds. During the alarm, press any button to remove the alarm sound.

**Note:**
- Before use this dehumidifier, please make sure the outlet is opened, otherwise, this dehumidifier will be overheated.
- Do not stop the machine by unplugging the power cord directly. When the bucket is full of water, indicator light flashing, please turn off the unit, remove the bucket and empty it.
Operating Instructions

8. REMOVING THE COLLECTED WATER

When the water tank is full, the indicator light flashes, the machine automatically stops, prompting the user to drain, empty the tank and place the water tank properly, the indicator light is off, and the machine can continue to run.

1. Pull out the bucket at the bottom

2. Empty the tank and put it back in place

NOTE:
- Do not remove the floater from the bucket, if the floater is removed, the water full sensor will not be able to normally sense the water level, causing the water will overflow from the tank when the water full.
- If the bucket is dirty, only can be cleaned with cold or warm water, do not use detergent, steel wool, chemical processing dust cloth, gasoline, benzene, thinner or other solvent treatment, otherwise it may be damaged to cause leakage.
- When installing bucket, press the bucket with two hands, if the tank not be placed well, water full sensor is still be activated, the dehumidifier can not work.
9. Continuous draining

Connect the transparent hose at the continuous drain to achieve continuous drainage.

Note: Do not use this operation when the outdoor temperature is equal to or less than 32°F (0°C), otherwise the water will freeze, causing the water hose to block up and the dehumidifier may be damaged.
Continuous drainage Pipe installation

Picture 1: Example of error connection
- The water pipe upward arch position D above position B, the inside of the water pipe is prone to air and accumulation, which leads to a smooth discharge through the Pipe.

Picture 2: Example of error connection
- The water pipe and the water container contact point D is lower than the continuous drain A, but higher than the water pipe at the lowest point B, the inside of the pipe prone to air and water, leading to a smooth discharge of waters through the Pipe.
- Do not insert pipe outlet C into water.

Picture 3: Example of a correct connection
- Water through the continuous drainage port A, from high to low through the B and outlet C smooth discharge, can be used to water containers or discharged into the sewer (outlet C is below the continuous drainage port of 10 cm above, do not recommend the addition of the original drainage pipe). Pipes can be bent and not folded on the ground, but cannot be partially arched.

The picture is for reference only.
Care & Cleaning

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

A. Body clean
Wipe the body with a soft, damp cloth.

B. Clean the filter
1. Pull up to remove the air filter
2. Cleaning: Run a vacuum cleaner lightly over the surface of air filter to remove dirt. If the air filter is exceptionally dirty, wash it with warm water and a mild cleanser and dry thoroughly.
3. Insert the filter into the unit smoothly

C. Storing the dehumidifier
When not using the dehumidifier for long time periods, please notice the following steps:
- Empty the bucket.
- Clean the dehumidifier, bucket and filter.
- Wrap the cord and bundle it with the band.
- Store the dehumidifier upright in a dry, well-ventilated place.
Troubleshooting

Before calling Inofia customer service, review this list. It may save you time and expense. This list includes the most common occurrences that are not the result of defective workmanship or materials in this dehumidifier.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
</tr>
</thead>
</table>
| Dehumidifier does not start | - Make sure the dehumidifier’s plug is inserted completely into the outlet.  
- Dehumidifier bucket is full.  
- Bucket is not in the proper position.  
- Make sure room temperature above 95°F (35°C) or below 41°F (5°C), the machine will protect automatically if the room temperature over heat or over cold, it is normal phenomenon.  
- Make sure the room temperature in range of 41°F (5°C) to 68°F (20°C), the machine will auto defrost, it is normal phenomenon.  
- Make sure if the ambient humidity is less than the set humidity. The set humidity value should be less than 3% RH above than the ambient temperature or set the humidity to 30% RH.  
- The machine has anti-frequent start protection function. If the machine just stops, please wait patiently for more than 3 minutes. |
| Dehumidifier does not dry the air as it should | - Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier. It must be at least 20cm away from the surrounding objects.  
- Room temperature is too low, below 41°F (5°C), it is normal phenomenon. |
| The dehumidifier makes a loud noise when operating | - The air inlet is clogged, clean the inlet and outlet dust.  
- The dehumidifier is tilted instead of upright as it should be.  
- The filter is not installed correctly. Please reinstall it according to the manual. |

Please contact Inofia Customer Service if dehumidifier operates abnormally or does not operate, and the solutions above are not useful.
**Safety Precautions**

- Do not place unit on uneven surface.
- Do not insert any sharp objects into air inlet/air outlet.
- Do not operate unit near radiators, kettles or any object that releases steam.
- Do not operate unit near windows or doors opening to the outdoor.
- Do not obstruct air inlet and outlet.
- Unplug power when the unit is not in use for an extended period.
- Do not spray any liquid onto unit.
- Do not put heavy objects on top of unit.
- Wash the air filter once every 2 weeks with cold water. (Do not use water >40 or benzene)
- When draining water continuously, make sure drain hose is not tangled.
- Do not place filter directly under
- Empty water tank before moving unit.
<table>
<thead>
<tr>
<th>Model Name</th>
<th>Dehumidifier</th>
</tr>
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<tbody>
<tr>
<td>Part No.</td>
<td>PD582A</td>
</tr>
<tr>
<td>Voltage/Frequency</td>
<td>110-120V~60Hz</td>
</tr>
<tr>
<td>Humidity removal (80°F/RH60%)</td>
<td>1.46kg/h</td>
</tr>
<tr>
<td>Humidity removal (86°F/RH80%)</td>
<td>56L/d</td>
</tr>
<tr>
<td>Humidity removal (95°F/RH90%)</td>
<td>66L/d</td>
</tr>
<tr>
<td>Rated Input Power (80°F/RH60%)</td>
<td>640W</td>
</tr>
<tr>
<td>High temperature Power (86°F/RH80%)</td>
<td>780W</td>
</tr>
<tr>
<td>Max Power (95°F/RH90%)</td>
<td>960W</td>
</tr>
<tr>
<td>Air circulation</td>
<td>350m³/h</td>
</tr>
<tr>
<td>Refrigerant/quantity</td>
<td>R410A/380g</td>
</tr>
<tr>
<td>Protection type of preventing electric shock</td>
<td>I</td>
</tr>
<tr>
<td>IP Level</td>
<td>IP21</td>
</tr>
<tr>
<td>Heat exchanger Max operate pressure</td>
<td>4.4MPa</td>
</tr>
<tr>
<td>Air-in/out side Allowed operate pressure</td>
<td>1.5MPa/4.4MPa</td>
</tr>
<tr>
<td>High/low pressure side Max allowed pressure</td>
<td>4.4MPa</td>
</tr>
<tr>
<td>Water Tank Capacity</td>
<td>8L</td>
</tr>
<tr>
<td>Dimensions</td>
<td>340<em>340</em>730mm</td>
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<tr>
<td>Weight</td>
<td>23kg</td>
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The Company reserves the right to change the product, the above parameters are subject to change without notice.
<table>
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<th>说明</th>
<th>30700401260-05  307-2475 (00版本)</th>
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<tr>
<td>设计</td>
<td>梁才亮  2019.03.20</td>
</tr>
<tr>
<td>审核</td>
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<td>批准</td>
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与00版区别：

特别说明：虚线框内内容非印刷内容，无需印刷

Remark: all the product drawings involved in this manual shall be subject to the object.
All the contents of this manual have been strictly checked and proofread, but there is possibility of incorrect typesetting or printing. Please feel free to understand