

## **Product Parameters:**

Product Name: Dehumidifier Product Model: DEM-DT16C

Rated voltage/frequency: 220V~50Hz Rated input current: 1.0A

Machine size: 328\*197\*508mm Water tank capacity: 2.L

Dehumidification capacity: 15L/24H (38°C 90%RH)

Nominal dehumidification capacity: 0.20-0.25kg/h (27°C-60%RH)

Executive standard: GB4706.1-2005GB470632-2012

GB4343.1-2009GB17625.1-2012

## **Product Features:**

### **Powerful dehumidification ability**

Based on the principle of freezing technology, this dehumidifier can remove appropriate moisture from the air to keep the room dry and comfortable.

### **Cleverly portable design**

It is simple and lightweight, and it is very convenient to move.

### **Low temperature work, automatic defrost**

When  $5^{\circ}\text{C} < \text{room temperature} < 12^{\circ}\text{C}$ , the machine will stop for defrosting every 30 minutes. When  $12^{\circ}\text{C} < \text{room temperature} < 20^{\circ}\text{C}$ , the machine will stop every 45 minutes for defrosting.

### **Humidity adjustability**

Different dehumidification levels can be selected according to different room needs.

on off timer

No machine switch time is set.

### **Quiet operation**

Low-noise operation design.

### **Energy-saving design**

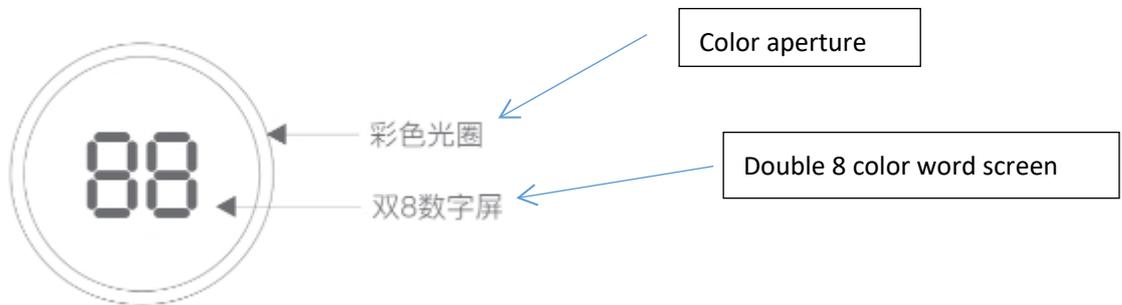
Piezoelectric power consumption design.

### **Safe use warning:**

When using this machine, please pay attention to the following safety notices:

1. When cleaning or storing this dehumidifier, please unplug it first.
2. Do not soak the machine in water or close to the water source.
3. Do not place the machine in the place where the heater or flammable dangerous goods are located.
4. Do not put your fingers or other objects into the air outlet or exhaust.
5. Do not sit on this machine.
6. Please drain the water tank as required.
7. Do not use this machine in a sealed environment to avoid fire.
8. Please make sure that the drain pipe is installed downward so that the condensate can be drained continuously.
9. If the power cord is damaged, in order to avoid danger, it must be replaced by professionals from the manufacturer, its maintenance department or similar departments.
10. Before use, please make sure that the electric cooler provided by the socket is: 220VAC/50Hz.
11. The working environment of this product: 5-38°C 27%-90%RH.

## Instructions:



The display has a three-color aperture (red, blue, purple). After the machine is turned on, the aperture starts to light up. When the ambient humidity is **above 70**, it displays **red**; when the ambient temperature is **below 50**, it displays **purple**, and when the ambient humidity is **50-70** **Blue** is displayed between.

## Button Function:



From left to right

From top to bottom

Setting

Wind speed

Negative ion

Timing

Mode

power supply

Strong wind

Low wind

Negative ion

Full of water

Timing

Dry clothes

Dehumidification

1. At first power on, the buzzer beeps once, the machine is in standby, double 8 displays the ambient humidity for 3 seconds, and then turns off.

2. Press [power supply button](#), the machine will dehumidify and run, the first 20 seconds, double 8 will display the indoor temperature. Then 20 seconds, double 8 will display the ambient humidity. Then the real-time temperature and humidity will be displayed alternately, and the alternate time is 20 seconds to switch. Press (during operation) the power supply key is used to control the shutdown of the machine. The default mode of the machine is dehumidification state.

3. Press the [wind speed key](#) to perform the following operations:

Press the wind speed key, the fan will switch between high and low wind, and the corresponding high and low speed indicator lights will be on. In the drying mode, the wind speed can be adjusted, and at the same time it will work according to the automatic wind. When the humidity is higher than 55%, the wind will be high and the wind will be low when the humidity is lower than 50%. Open high or low wind between 50-55%.

4. Press [Setting key](#) to change the humidity setting value, follow the operation below:

It is effective in dehumidification mode, and the humidity is set to 40% by default every time it is switched to dehumidification mode. Change the humidity setting value by pressing the Setting key, the humidity setting range is 40%-80%

-40%, every 5% interval, when the humidity is set, double 8 flashes display, after stopping the key for 5 seconds, it returns to the normal display state.

When the machine has been running for a period of time to dehumidify, the H ring <H is set to -2%, the compressor stops working, and the fan still works in the previous state; as the ambient humidity increases, when the H ring > H is set to +2%, compression When the three-minute protection time expires, the compressor starts immediately; if the compressor stops for more than 3 minutes and the current humidity is still lower than the set humidity value, the fan will automatically turn off. In the drying mode, the humidity cannot be set, the default is 30%.

5. Press **Timing** to perform timing operation:

In the shutdown state, press the Timing key, double 8 displays the timing time, you can press again at this time

Timing key to set the time, double 8 display cycle from 01-02...23-24, indicating that the machine is scheduled to be turned on time, in the power-on state, press Timing key, double 8 displays the timing time, and then you can Press Timing to set the time, double 8 display from 01-02...23-24 cycle, which means the machine is scheduled to shut down. After stopping the setting, the machine returns to the normal display. The machine automatically cancels the timer function when it is turned on/off or when the water is full.

6. Press the **Negative ion key** to control the switch of the negative ion, and the negative ion light will be on when the negative ion function is turned on.

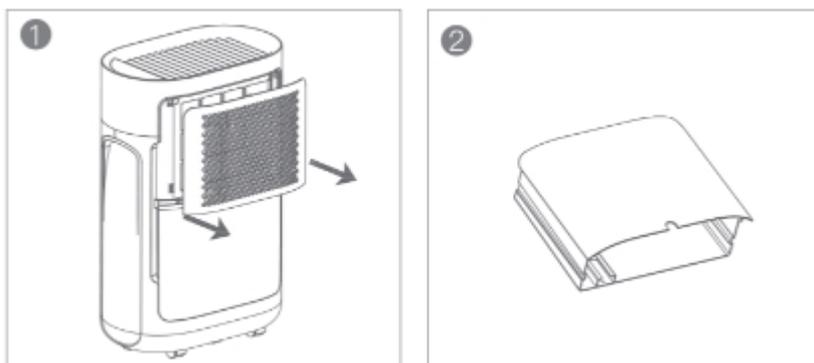
7. Press the **Mode button**, after turning on the machine, you can press the Mode button to adjust the working mode. There are two working modes, dehumidification and drying mode.

## **Water Tank:**

When the water tank is full, the water full indicator will be on, the buzzer will beep 15 times to warn the user and then automatically stop, the water in the water tank must be emptied, and the button will be invalid when the water is full.

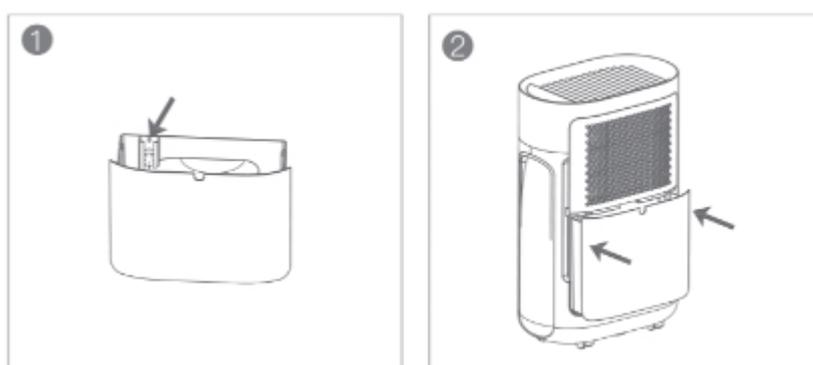
Empty the water tank

1. Hold the left and right sides of the water tank with your hands, and pull the water tank out.
2. Empty the water in the water tank.



### Notice:

1. Do not remove the float in the water tank. If the float in the water tank is removed, the full water sensor will not be able to sense the water level normally, so that it cannot be turned on normally.
2. If the water tank is dirty, use cold or warm water to clean it. Do not use detergent, steel wool, chemically treated dust cloth, gasoline, benzene, thinner or other solvents, because it may damage the water tank and cause it to leak.
3. When putting in the water tank, use both hands to push both sides of the water tank into the product. If the water tank is not placed properly, the water full sensor will not detect it, and the dehumidifier will not work.

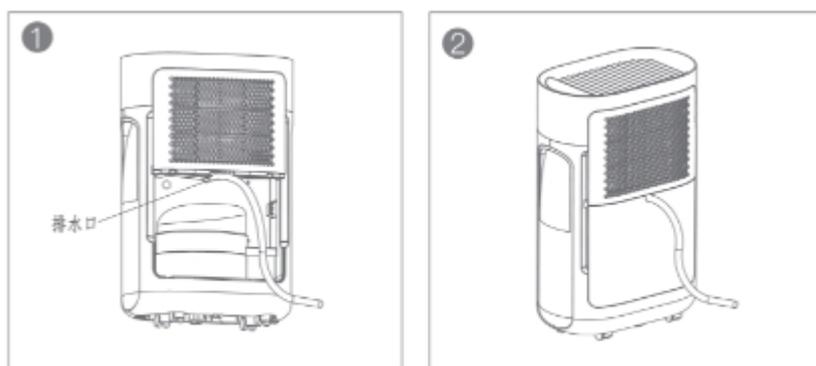


### Continuous drainage

This dehumidifier has a continuous drain port, the water pipe (inner diameter

10mm)

Insert the drain port on the back of the product, pass the small hole in the water tank gap, install the water tank in place, straighten the drain pipe, and then drain the water from the machine through the water pipe to achieve continuous drainage.



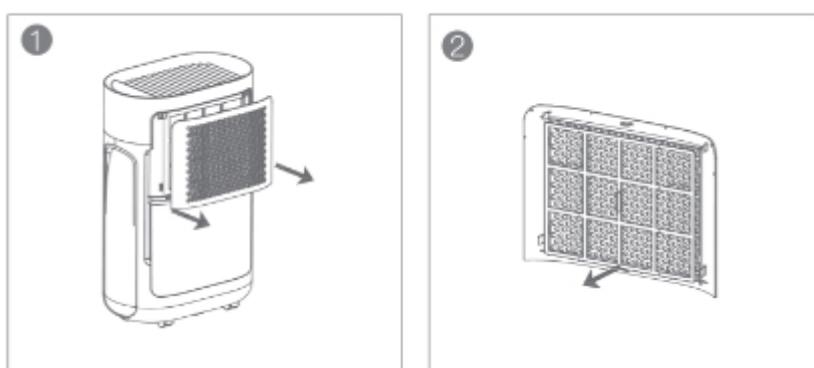
## Maintenance

Dehumidifier cleaning

Wipe the body with a soft, slightly damp cloth.

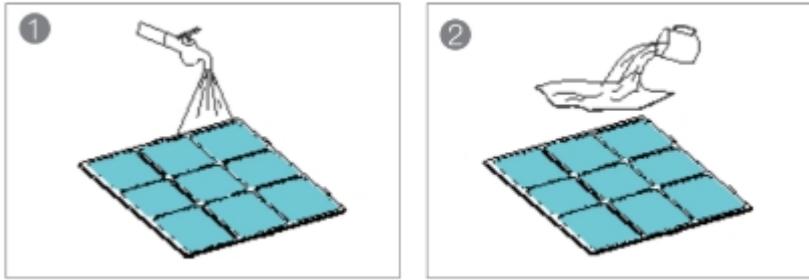
### 1. Filter cleaning

Pull out the lower edge of the filter frame, take out the filter frame, and then take out the filter.



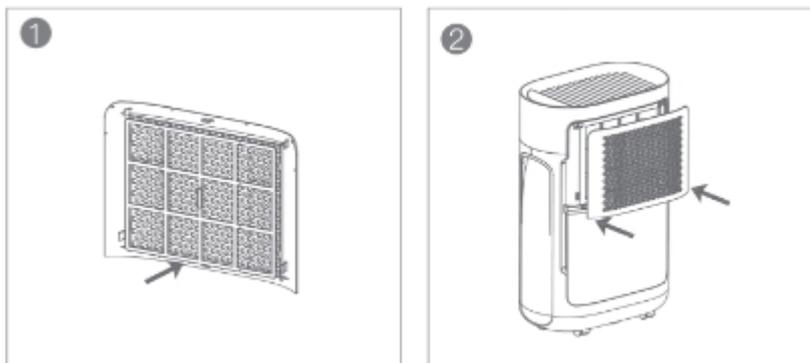
### 2. Clean the filter

Use a vacuum cleaner to gently absorb the dust on the surface of the filter. If the filter is very dirty, wipe it with warm water and a mild detergent and let it dry completely.



### 3. Filter installation

Insert the filter screen into the filter screen frame, and then first align the filter screen frame with the product rear shell card slot, and install the filter screen frame in place.



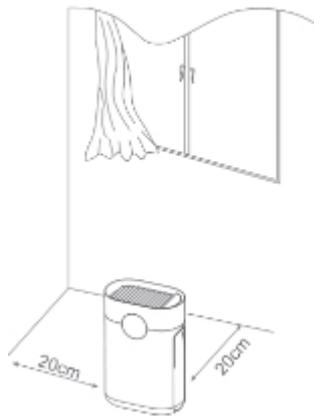
### Dehumidifier storage

When you plan to store this product without using it for a long time, pay attention to the following steps:

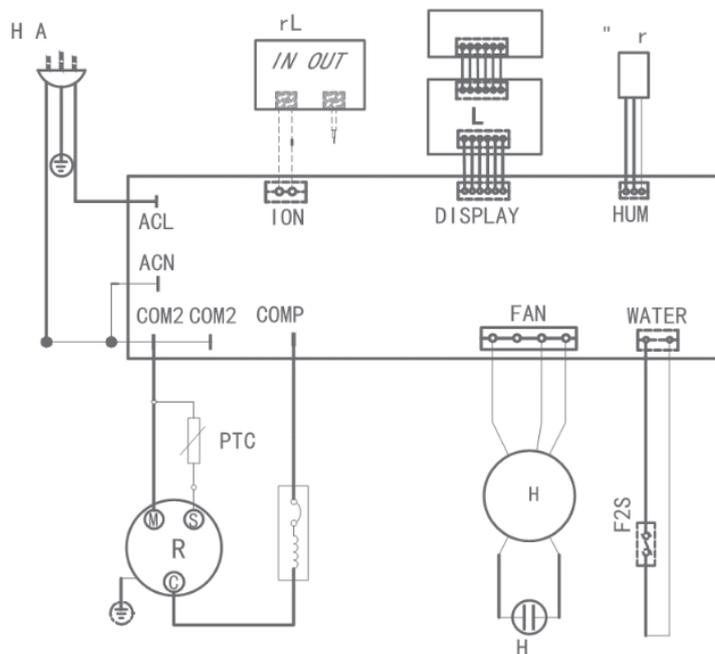
1. Empty the accumulated water in the water tank.
2. Roll up the power cord.
3. Clean the filter.
4. Place in a cool and dry environment.

## Spatial spacing

When the dehumidifier is working, ensure that the minimum spacing around it is as shown in the figure below.



## Circuit diagram



## Troubleshooting

If the following conditions occur, please confirm the following conditions before requesting customer service:

Failure	Potential cause of failure	solution
Machine doesn't work	Is the power cord properly connected?	Connect the plug to the socket
	Does the full water indicator flash? (The water tank is full or not in place)	Drain the water in the water tank and put it in place
	room temperature >38 °C or <5°C?	The protection device is activated and the machine cannot work
Dehumidification function cannot be activated	Is the filter blocked?	Clean the filter
	Is the air inlet or outlet blocked?	Remove obstructions from the air inlet or outlet
No wind	Is the filter blocked?	Clean the filter
Loud noise during operation	Whether the machine is tilted?	Move the machine to a flat, firm position
	Is the filter blocked?	Clean the filter