

HUMSURE

For FAQs and more information please visit :

www.humsure.com



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service-us@humsure.com

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.

MANUFACTURER: NINGBO AQUART ENVIRONMENTAL APPLIANCE CO.,LTD
ADDRESS: 298 BINHAI AVENUE, HANGZHOU BAY NEW DISTRICT, NINGBO, ZHEJIANG,
315336 CHN

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HUMSURE

DEHUMIDIFIER

USER MANUAL

FOR CUSTOMERS

Thank you for purchasing our dehumidifier.

Humsure has been committed to developing powerful and easy-to-use products to bring more convenience to your life. We highly recommend you to keep this user manual for future reference in case of unexpected problems.

Please read this user manual carefully to ensure proper use of the dehumidifier. This dehumidifier is perfect for reducing humidity in family bedrooms, bathrooms, basements, offices, storage rooms and more.

Humsure dehumidifier reduce the room humidity efficiently, creating a more healthy and comfortable environment for you and your family.

REQUESTING CUSTOMER SERVICE

If there are any problems of the product, please contact Humsure Customer Service at Service-us@humsure.com with your Purchase Order ID. We'll help you solve the problems as soon as possible

WARRANTY & SUPPORT

WARRANTY

Humsure 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 Humsure 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 Humsure.

There is a professional team 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 Humsure's product, you can reach out to us at Service-us@humsure.com, we will dedicate our efforts to resolve it for you

Extend 1-Year Warranty for Free

Register your product at www.humsure.com to get 1-year extended warranty for free.

Customer Support

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

HUMSURE LLC
V RYAN SOLE MBR
1321 W MAIN ST PMB 515
STERLING, CO 80751

Support Hours
24Hours available

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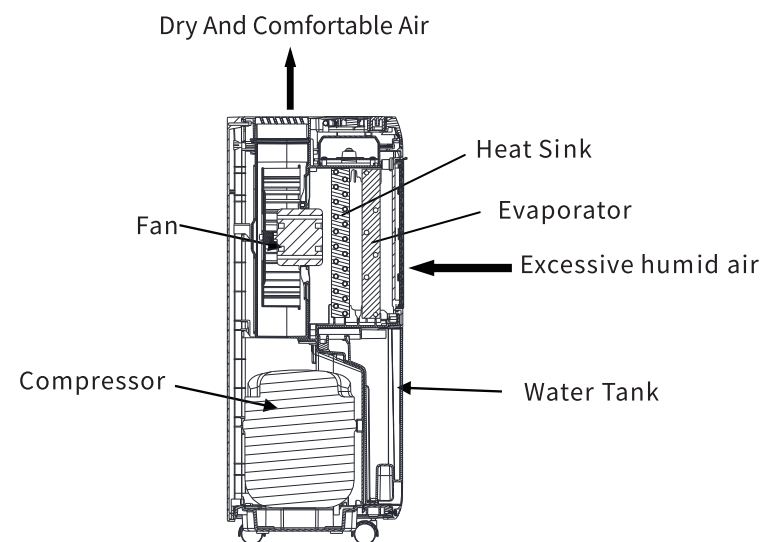
WARNINGS

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Specification Description

Model	AP20-801EE
power supply	115V~/50Hz
Test Conditions	DB86°F, RH80%
power/current 80.6°F, RH60%	300W/1.85A
Air supply power	45W
compressor	Reciprocating
Refrigerant	R134a/3.88oz
The scope of work	41~89.6°F
tank capacity	5.3L
size	35. 5x25. 4x60. 3cm
net weight	34.17lbs

Working Principle



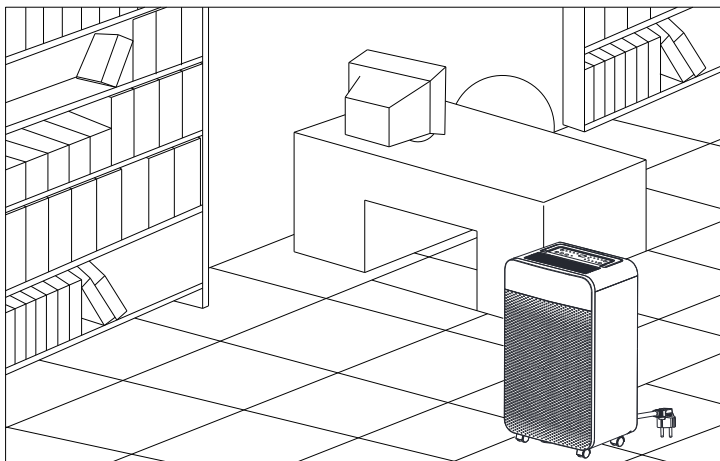
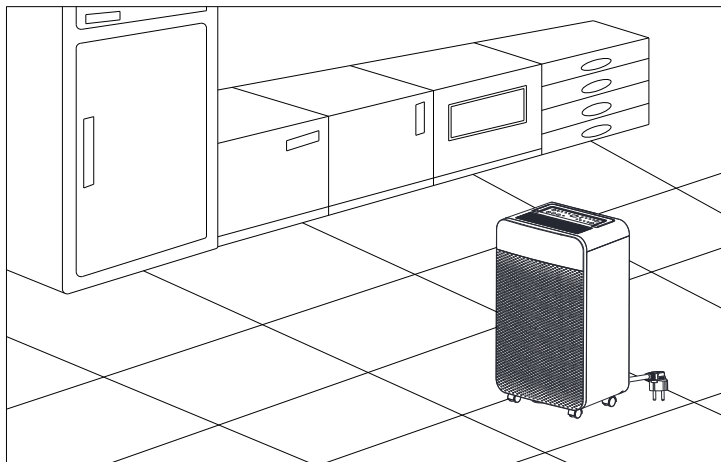
Working Principle

The product has passed CE\GS certification. It is a three-in-one multifunctional mobile dehumidifier integrating dehumidification, negative ion purification and drying clothes. The humidity level can be set according to different requirements. Through the setting of the machine, the humid air can flow through the body. The evaporator and radiator are used to control the relative humidity of the room; this way the excessively humid air first flows through the evaporator (the evaporator is cold), causing the moisture in the air to condense into water which is collected and discharged to the water tank, and then the air passes through. After the radiator is dried, it is re-transmitted to the room and cycled to achieve the purpose of reducing the humidity of the room.

Machine use place

Scenes To Be Used

The mobile intelligent dehumidification purifier can set the humidity of the room according to the needs to create a healthy and comfortable environment. It can generally be used in basements, bedrooms, wine cellars, storage rooms, closets, etc.



Important Safety Measures

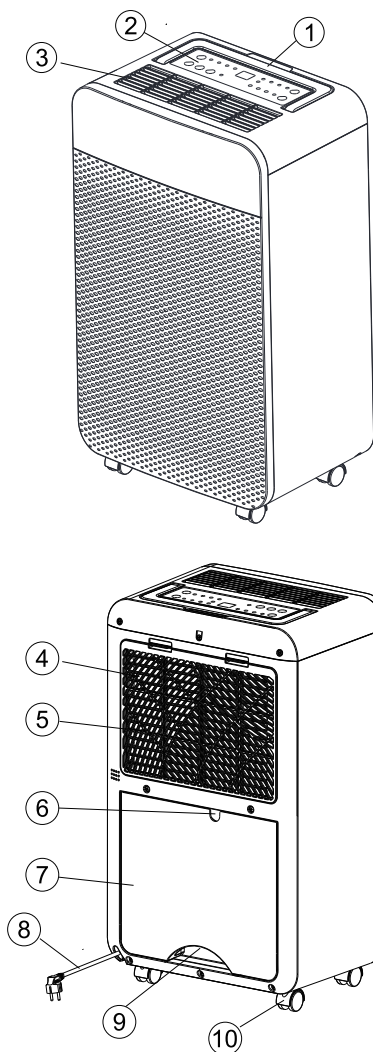
Important Safety Measures

- ' Keep the machine in an upright position.
- ' After transportation or tilting (during cleaning), the machine needs to be stopped for 2 hours before it can be connected to the power supply and turned on.
- ' Make sure there is at least 25cm of space around the machine.
- ' Keep foreign objects away from the air inlet and outlet.
- ' Do not pour or splash water on the machine.
- ' The power supply must conform to the description on the sticker on the nameplate of the machine, and the power socket must have a grounding port.
- ' Do not turn off the machine by unplugging the power cord, always use the power switch on the control panel to turn off the machine.
- ' Before moving the machine, first turn off the machine, then unplug the power cord and pour out the water in the water tank before moving.
- ' Keeping the filter screen clean can make the machine work more efficiently: if the filter screen becomes dirty, it is necessary to clean or replace the filter screen (note that the activated carbon filter screen cannot be washed with water).
- ' Do not use harsh sprays or other flammable cleaners on the machine.
- ' When the machine fails, please turn off the machine, and then unplug the power cord.
- ' If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Part Name

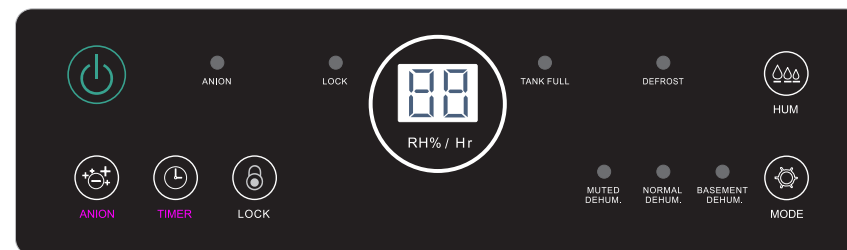
machine parts

- ① handle
- ② control panel
- ③ air outlet
- ④ air inlet
- ⑤ Glter frame
- ⑥ drain
- ⑦ water tank
- ⑧ power cable
- ⑨ tank handle
- ⑩ wheel





Instructions

Operation panel illustration








Instructions

' power on/standby



1. After the machine is plugged in, there will be a "beep" sound, indicating that the power has been connected.
2. Press the key  to turn on the machine, the corresponding indicator lights up, and the machine works according to the default settings.
3. Press the key  in the power-on state to turn oF the machine, and all the indicators will go out (if the water is full, the water full indicator will still light up even in the power-oF state). If the machine is not used for a long time, it is recommended to pull out the power cord plug from the socket.

Instructions


A Timing function

1. In the power-on state, press the key  once to display the current timing time, press the key  repeatedly to set the automatic shutdown, set the time range from 0 to 24 hours (0 means no time), set the required time and let go. After that, the display screen will display the set time and flash several times to automatically confirm the set time, then return to display the ambient humidity, the timing indicator light will be on, and the machine will automatically shut down when the set time is up.
2. In the off state, press the key  once to display the current timing time, press the key  repeatedly to set the automatic power on, the setting process is the same as setting the timing off, after the timing function is activated, the timing indicator lights up, and the digital tube displays the setting time, and decrements in units of 1 hour, when the set time is up, the machine will automatically turn on (if the water is full, it will not turn on even if the time is up).
3. Long press the button  to quickly set the timing, and the time will automatically increase every hour. When the desired timing number appears, just let go.

A Child Lock


1. In the power-on state, press the button  to enable the child lock function. After the function is turned on, the "child lock" indicator light is on. At this time, except for the child lock button, other button functions are locked, and the buttons are invalid: if you want to unlock the child lock, press and hold the button  until the "child lock" indicator light goes out, and the functions of each button will resume normal use after unlocking.

A Mode Setting

Press the button  to select any one of the modes of "Muted dehumidification", "Normal dehumidification" and "Basement dehumidification", the corresponding function indicator lights up after selection. When the indicator light of "Normal dehumidification" is on, the fan runs at normal speed and the compressor works; when the indicator light of "Muted dehumidification" is on, the compressor works and the fan runs at low speed; when the indicator light of "Basement dehumidification" is on, the compressor works and the fan runs at high speed.

Instructions


A Humidity selection

Press the * key to select the target humidity. Each time you press the key , you can select a different target humidity level. There are 9 levels of humidity selection: RH40%, 45%, 50%, 55%, 60%, 65%, 70%, 75%, 80%. Choose the right level. After the position is set, the indicator light of the corresponding gear will light up, and when the ambient humidity reaches or falls below the target humidity, the machine will automatically stop working: when the target humidity is "continuous", the machine will keep dehumidifying without being affected by the ambient humidity.

A Humidity Display

Under normal circumstances, when the machine is turned on and the timing, humidity setting, and temperature display operations are not performed, the display will display the ambient humidity. When the ambient humidity is detected to be <25%, "LO" will be displayed.

A Negative ion on/off

Negative ions have a certain air purification effect. When the device is on, press the button  to turn on the negative ions.

A Defrost Function

This machine has an automatic defrosting function. When the machine is working, it will automatically detect and judge whether it needs to be defrosted. This ensures that the machine still has good dehumidification performance when the ambient temperature is low. During defrosting, the "defrosting" indicator light is on, the compressor stops working, and the fan runs at high speed. After defrosting, the machine automatically returns to the state before defrosting.

A Water full automatic protection function

When the water tank is full of water, the compressor stops working, after waiting for 3 minutes, the fan stops working, the buzzer sends out 10 alarm sounds (about 5 seconds) and the "water full" indicator light is on at the same time, the machine stops dehumidification and waits to pour water.

Instructions

A Compressor stop/start protection function

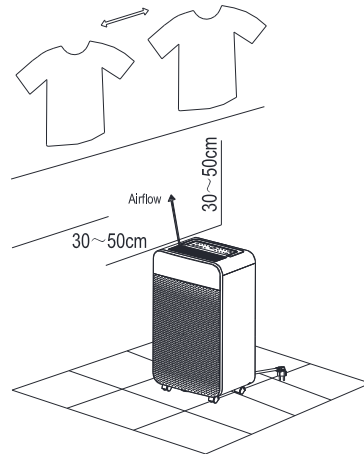
During the operation of the machine, if any operation causes the compressor to stop working, the machine will automatically switch to the protection function of the compressor stopping for 3 minutes and then restarting, that is, the compressor cannot be started again within 3 minutes, and other functions have output.

A High and low temperature protection function

The machine is equipped with high temperature and low temperature protection functions. When the ambient temperature is higher than 104°F or lower than 41°F, the machine enters the protection state, does not dehumidify, and the compressor does not work.

ADrying function

As shown in the figure, keep the clothes at least 30~50 cm away from the left side of the air outlet of the dehumidifier and the top of the machine. The wind blows on the clothes and at the same time reduces the humidity in the air, so the clothes dry very quickly. Keep doors and windows closed when using a dehumidifier to dry clothes. (Note: When using a dehumidifier to dry clothes, all clothes should not drip water, otherwise the water will easily drip onto the floor or the machine. It is recommended to use a washing machine to dehydrate and hang it on a mobile drying rack)



Machine protection function/drainage

A Failsafe Identification Code

1. Coil temperature sensor failure: When coil temperature sensor failure is detected, the compressor stops, the fan stops, all indicator lights go out, the keys are invalid, and the digital display window displays "E1". After the coil temperature sensor returns to normal, the machine works normally.

2. Humidity sensor failure: When a humidity sensor failure is detected, the compressor stops, the fan stops, all indicator lights go out, the keys are invalid, and the digital display window displays "E2". After the humidity sensor returns to normal, the machine works normally.

A How to drain

When the water tank is full, the water full indicator light is on, the machine beeps an alarm and stops automatically. At this time, the water in the water tank needs to be poured out to make the machine work:

1. Grasp the handle of the water tank, gently pull the water tank out, and then you can easily take out the water tank Fig.1
- 2 After pouring the water, put the water tank back into the body, and the machine will resume working. If the water tank is not put in place, the full water indicator light will still be on, and the machine will not work.
3. When removing and placing the water tank, handle it with care.

A Continuous drainage function

The machine will run for a long time, please refer to the following steps to drain water:

- 1.Remove the water tank from the back of the machine Fig.1

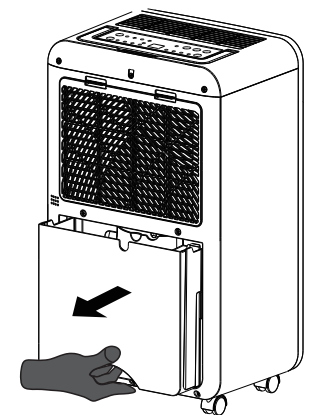


Fig. 1

Machine protection function/drainage

2.Connect a water pipe with an inner diameter of 11.5-12.0mm to the drain (see Fig. 2)

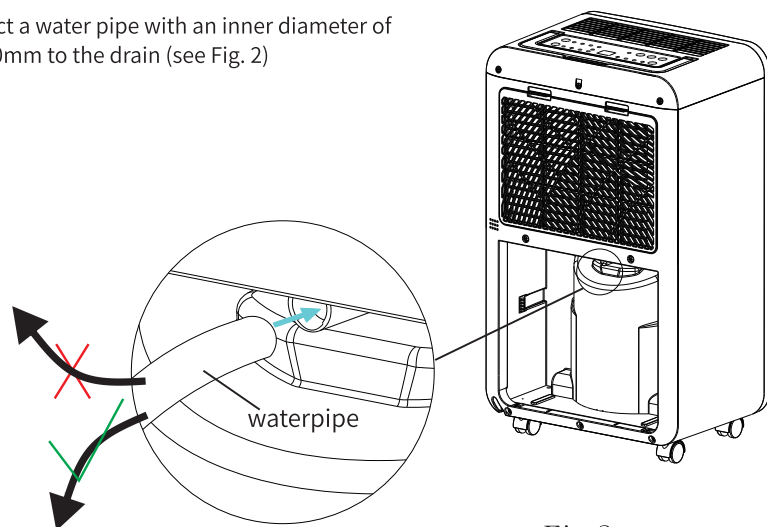


Fig.2

3.Put it back into the water tank (Fig.3)

Note: In order to ensure the smooth drainage of water, the drain hose should be connected in place, as shown in Figure 2. The drain pipe should have a downward slope to ensure the smooth drainage of condensate; In very cold conditions, be alert to prevent freezing of drainage pipes

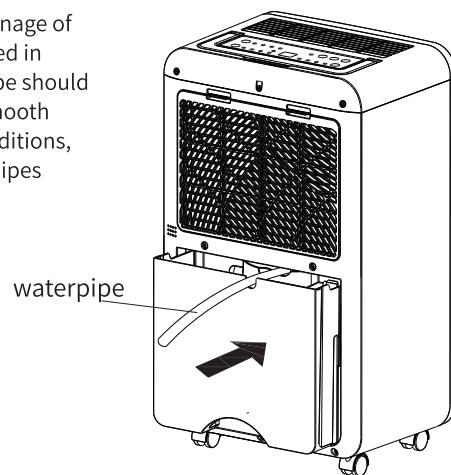


Fig.3

Maintainance

Machine maintenance

Before maintaining or cleaning the machine, unplug the power cord from the outlet

' Clean Body

1. Please clean the body after the machine stops working for 1 hour
- 2.Wipe the case of the machine with a soft cotton cloth dampened with water, and then dry the case with a dry cloth.
3. Do not use volatile chemicals, gasoline, detergents, chemically processed materials or other cleaning solutions to clean the body at any time, as these may damage the body.

Note: Do not rinse with water directly when cleaning, so as to avoid machine failure caused by water entering the machine.

' Clean Filter

1. Remove the grid frame from the back of the machine and take out the Gltter (Gg.4)
2. Use a portable vacuum cleaner or gently shake the Gltter to remove the dust. If the Gltter is too dirty, you can use warm water with moderate strength to clean the initial Gltter (Gg. 5)

- (1) Make sure the Gltter is completely dry before putting it back into the Gxture.
- (2)Do not expose the Gltter to the sun

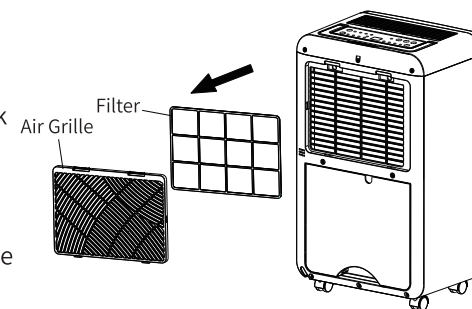


Fig. 4



Fig.5

Maintenance and Storage

Repair

1. When the product needs to be repaired, please find a service provider or a professional to handle it. If the body is damaged and any accidents are caused by self-repair, the user shall be responsible for it.
2. The waste replaced during machine maintenance should be sent to a factory with waste disposal qualifications for disposal.
3. When the service life of the product expires and needs to be discarded, please send it to a professional environmental protection manufacturer, and do not discard it at will.

storage

If the machine is not used for a long time, please follow the steps below:

1. Turn off the machine, unplug the power cord, and tidy up the power cord.
2. Pour out the water in the water tank and wipe the water tank clean: Drain the water in the drain tank and dry the remaining water droplets with a cloth.
3. Clean the air filter.
4. Put the machine away, pack the machine in a packing carton to prevent dust from accumulating, then keep the machine upright and store it in a cool and dry place.

Troubleshooting

The following columns are not faults

Situation	Reason
The noise suddenly becomes louder during operation	When the compression starts, the running noise becomes louder
When using the machine for the first time, the exhausted air has a strange smell	There may be a temporary strange smell due to heat exchanger temperature spikes
the machine echoes	If the machine is used in a small room, or a room with wooden floors, there may be an echo.
The machine makes abnormal noise when starting operation or switching operation modes.	The refrigerant may be noisy until a steady flow is restored.
Water stains remain in the water tank	traces left when the water evaporates when the factory conducts a dehumidification test, and there is not any quality problem

Troubleshooting

If you cannot understand the following description,
please contact our after-sales service

Question	Possible Causes
machine not working	Is the power plugged in?
	Do the rooms have electricity?
	Is the full water indicator light on?
	Whether the room humidity is equal to or lower than the machine set humidity
The machine does not dehumidify	Is the Gilter full of dust?
	Whether the air inlet or outlet is blocked
	Is the humidity in the room already too low?
Little or no dehumidification effect	Are windows or doors open?
	Is there some device in the room that creates humidity
	Is the room temperature or humidity low?
Fan blades don't seem to be turning (no air coming out)	Is the air Gilter clogged?
	Whether the wind wheel is stuck
loud noise	Is the machine placed unevenly causing vibration or uneven ground causing abnormal noise?
	Is the air Gilter clogged?

If the above situation cannot solve the problem or still cannot work, please contact our after-sales email