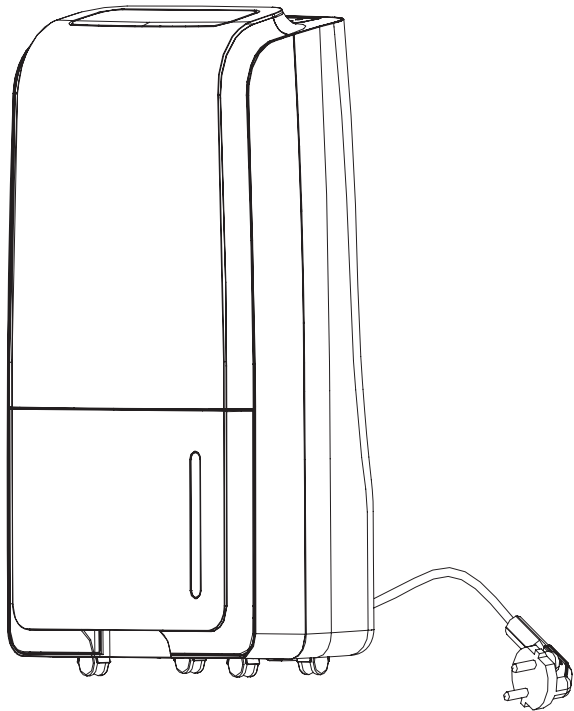


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O20 Dehumidifier User Manual



Index

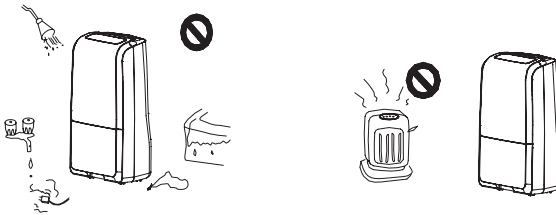
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Important Safe Guards

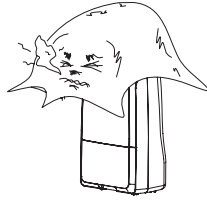


Do not install and use the unit before carefully reading this instruction guide. Please retain this manual for product warranty and future reference.

- 1) Pls check if the voltage supply is comply with the rating label before using.
- 2) To protect against electrical shock, do not place it in bathroom.



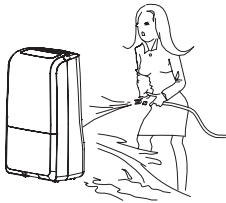
- 3) Please ensure the unit is not placed closely to the high temperature appliance, in case of plastic destroying and fire. Meanwhile, Don't put the machine in the blazing sunlight ,in case of decoloration of outer casing.
- 4) Never operate this unit in dusty,explosive or corrosive atmosphere,in case of danger.
- 5) Always guide if children operate. Meanwhile, Never try to disassemble machine or change the component .if there is some problem with the machine,pls contact Professional technician to repair.
- 6) Operate this unit on a horizontal surface to avoid vibration and noise.
- 7) Do not use the unit when slanted. If toppled over, please pull out the plug at once.
- 8) Don't cover the body of machine when it is running,in case of machine malfunction.



9) Make sure the inlet and outlet ventilation is not blocked at all times.

10) Do not spray water on the unit, spraying water may cause malfunctioning and electric shock.

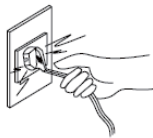
11) Never pull the socket by using damp hands.



12) Always switch off at the socket before unplugging to avoid electric shock or arcing.

13) Switch off and unplug the unit, empty the water reservoir when not using the unit for a long time.

14) Do not pull power wire by force because it will cause damage to power wire or accident.



15) When the machine is outlet, in case of touching fingers or tiny shaft in the inlet and damaging the machine.

fingers or tiny shaft in the inlet and rotating blower and

16) Emptying the watertank before moving the machine, in case of splashing out the water.

17) 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.

Ambient Environment For Operating

1. Working environment:

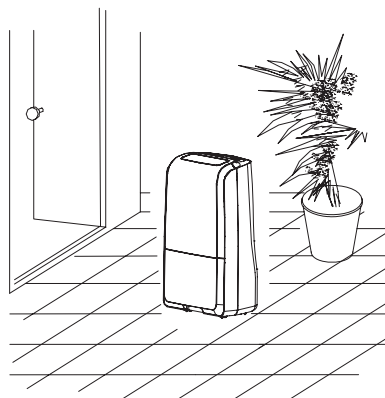
Lowest ambient temperature 5°C, 40%RH.

Highest ambient temperature 35°C, 90%RH.

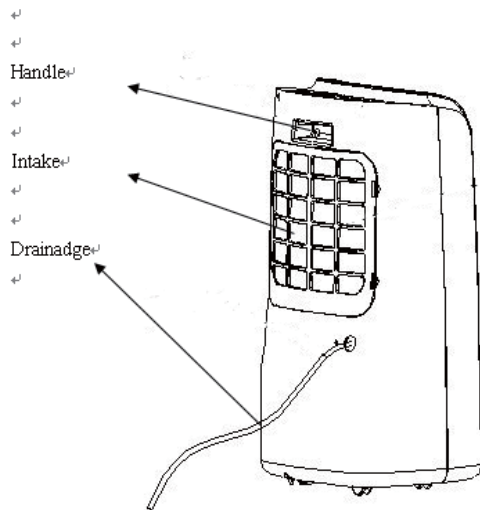
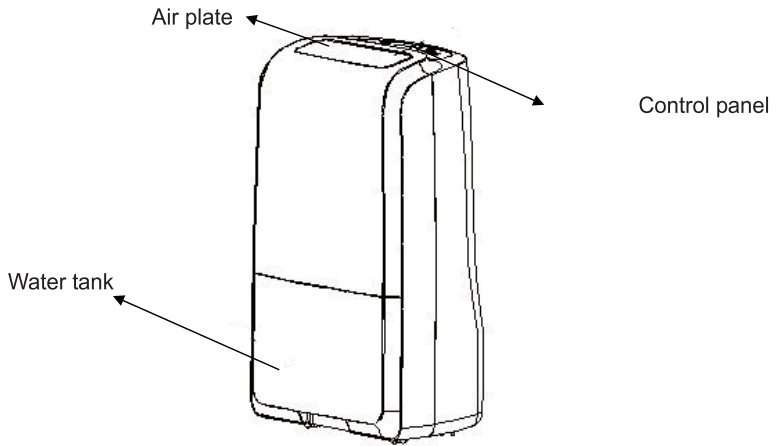
2. Operate the unit indoors, e.g. living room, bedroom, etc. Never use it in wet environment or outdoors.

3. Make sure the door and window are closed before turning on the unit to achieve optimal dehumidification efficiency.

4. Ensure that the unit is placed on a stable and flat floor surface. If the floor surface is not even there is a risk that the unit may be unstable and topple over. Also excessive vibration and noise may be caused. And the machine can't be slanted, otherwise the water will be spilled and the machine will be dumped.

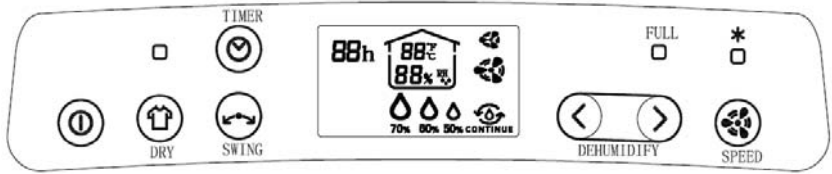


Components Diagrams



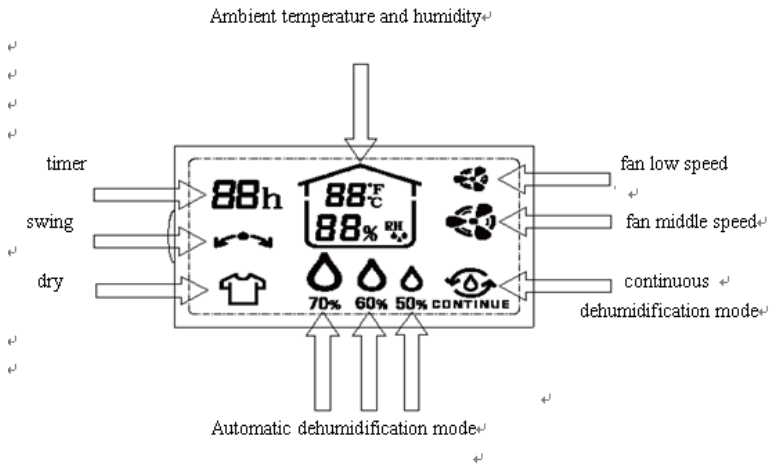
Operating Introduction

- Functions of Control Panel & Key Pads



1. ON/OFF :press this key to turn on/off the machine
2. DEHUMIDIFY : Press this key to choose automatic dehumidification 、 continuous dehumidification,(in automatic dehumidification , 50%RH、 60%RH、 70%RH can be setted.
3. DRY: press this key to open or close dry function (fan in high speed)。
4. SPEED: press this key to set fan on middle or low speed。
5. SWING:press this key to choose swing or no swing.
6. TIMER: when in standby condition,press this key to set time for auto start-up ,and when in working condition ,press this key to set time for auto stop.you can set 00H(no timer) and 01H~24H.

(二) LCD Display



● Operation Of Key Pads

1. When plug into power socket, 3 beep signals can be heard.
2. Press the "ON/OFF" button to turn on the unit. With a buzzer alarm, the airplate startup automatically and the unit is in the status of constant dehumidifying and middle speed running..

- 1) The blue backlight will illuminate and turn off after 15 second.
- 2) The LCD display shows the working mode and status of unit.
- 3) The LCD display shows the ambient humidity and temperature (The variation of relative humidity showed 1%).
- 4) Press the "ON/OFF" button again, the unit will stop working and the airplate close.

3.DEHUMIDIFY : press the key “ < ” 、 “ > ”to set up automatic dehumidification,continuous dehumidification.(For automatic dehumidification , 50%RH、 60%RH、 70%RH can be setted)。

- 1) 、 press“ < ”to make it circulating among continuous~50%~60%~70%~continuous~50%.....
press“ > ” to make it circulating among continuous~70%~60%~50%~continuous~70%.....
- 2) 、 when the machine is setted in automatic dehumidification,the desired humidity ratio corresponding pattern and according fan pattern are displayed on LCD. When sensor detected ambient humidity is 1% lower than your setting, compressor shut off and fan works at low speed . If ambient humidity is 5% higher than the setting, the dehumidification is activated again.
- 3) 、 when the machine is setted in continuous dehumidification,the continuous dehumidification patternand corresponding fan pattern will be displayed on LCD.In this mode,the ambient humidity have no effect on the operation of machine.
- 4) 、 In automatic dehumidification mode (50%RH、 60%RH、 70%RH)、 continuous dehumidification mode, press “Speed” to select the fan blower working at “middle speed” level or “Low speed” level.
- 5) 、 when in dry mode,press“ < ” 、 “ > ” key the machine has no reaction and the user can't set desired humidity,only cancel the dry mode the desired humidity can be setted.

4. DRY: press this key to start or stop dry mode 。

- 1) press “dry”,the dry pattern is displayed on LCD,the machine runs in dry mode.
In this mode,the machine works in continuous dehumidification,the airplate swing automatically(if press“swing”, the airplate stop swing),The fan working at “high speed”level.
- 2) when machine runs in dry mode. press“dry”again to stop dry function and machine return to the status before setting dry mode.
- 3) when in dry mode,press“ < ” 、 “ > ” key the machine has no reaction and the user can't set desired humidity,only cancel the dry mode the desired humidity can be setted.

5. SPEED: press this key to select the fan blower working at “middle speed” level or “Low speed” level.

- 1) In automatic dehumidification mode、continuous dehumidification mode, press “Speed” to select the fan blower working at “middle speed” level or “Low speed” level.
- 2) when in dry mode,press “speed” key the machine has no reaction and the user can't set speed,only cancel the dry mode the speed can be setted.
- 3)when in automatic defrosting,fan works at “middle speed” level. (when automatic defrosting in dry mode, the fan working at “high speed” level,and LCD don't display fan pattern) .
- 4) If the speed setted at “Low speed” level. When sensor detected ambient temperature exceeds 32°C, it goes to the “middle speed” level automatically,and When sensor detected ambient temperature is lower 30° C, it returns to work at “low speed” level automatically. (when in dry mode,even the ambient temperature is higher 32° C, fan keeps working at “high speed” level.

6.SWING: when the machine runs,press this key to start swing and the airplate oscillate automatically,and the swing pattern is displayed on LCD.Press this key again,the airplate fixed in a stationary angle .

7.TIMER:

1. Time reserved for operating:
When appliance is powered off or in standby state, press Timer 00H(no timer) to 01H,02H,...24H for the reservation of operating, timer pattern,continuous pattern and middle speed fan pattern are displayed on the screen. (3 seconds after setting 00H,00H pattern, continuous pattern and middle speed fan pattern go out.)after setting, along with time elapsed, remaining hours also shown on the screen, When it gets to the reserved time, the unit switches on and started to work automatically.
2. Time set for switching off:
When appliance is powered on, press Timer 00H(no timer) to 01H,02H.... 24H to set the unit's running hour and the timer pattern is diaplayed on LCD. Along with time elapsed, remaining hours also shown on the screen, until time is up and the unit switches off automatically.

● Automatic Defrosting

When the appliance work in low temperature, frost will be produced on the surface of evaporator. To ensure the appliance performs well, the automatic defrost function is designed with the appliance.

- 1) .when the temperature sensor fixed on copper pipe of evaporator detected the temperature of surface of evaporator $\leq -1^{\circ}\text{C}$, after 20 minutes dehumidifying,the unit start defrosting automatically.when the frost thawing and the temperature sensor detected the temperature of surface of evaporator,meanwhile the time of defrost ≥ 5 minutes,the unit stop defrosting and start dehumidifying again.
- 2) .when defrosting. red indicator light of defrosting * illuminate.
- 3) .when defrosting. the compressor is shut off, fan runs at middle speed (when automatic defrosting in dry mode, the fan working at "high speed" level,and LCD don't display fan pattern) .when defrosting stopped, the unit start dehumidifying again and the compressor will work,and fan runs at original set speed.

● Protection Of Water Full

When condensed water is full, buzzer will alarm 10 times. the symbol of water full exhibited on LCD screen, all other symbols are disappeared.Meanwhile,the unit stop working and airplate closed.remove the watertank as below picture and empty the water ,then reinstall the watertank.the unit will keep on working at the status before water-full.(the interval between water-full and reinstalling the watertank exceeds 3 minutes,the unit start dehumidifying again due to compressor's protection.



Remove Water Reservoir As Arrow Direction

● Processions Of Abnormal Compressor

During the operation, any malfunction forced compressor failed, resulting compressor shut off, it takes 3 minutes to rework for protection period.



When the machine runs,remove the watertank ,then reinstall the watertank again or turn off the unit ,then turn on the unit again,only the interval exceeds 3 minutes can the unit start dehumidifying again due to compressor's protection. To scrub off protection time, you may remove plug from power socket to restart the unit.

● Protection Of Extremely Low & High Temperature

1. When sensor on the air intake detects ambient temperature $\leq 0^{\circ}\text{C}$ or $\geq 40^{\circ}\text{C}$, the appliance will shut off automatically for protection and the beeper continuous warning with 3 long and 2 short signals.the symbol of ambient temperature ratio wink and all keys are out of function.

When sensor detects ambient temperature $\leq 0^{\circ}\text{C}$, 0°C is showed on the LCD display and wink.

When sensor detects ambient temperature $\geq 40^{\circ}\text{C}$, 40°C or actual ambient temperature is showed on the LCD display and wink.

2. When sensor on the evaporator detects its temperature $\geq 40^{\circ}\text{C}$, the appliance will shut off automatically for protection, and the symbol of automatic defrost in cycle of wink 3 minutes display 2 minutes. and all keys are out of function.

1.To scrub off the protection mode of extremely low & high temperature,, you may remove plug from power socket to restart the unit.If the extremely low & high temperature protection cause by machine malfunction,the user have to solve the malfunction,then the machine can be used normally.

2.Remove the plug from power socket to scrub off the protection mode of extremely low & high temperature, appliance will not keep its memory function when restart.

● Failures Of Humidity & Temperature Sensor

.1. When the connect wire of humidity and temperature sensor breaks off, the symbol of continuous dehumidification will wink, and " 0°C " " $0\%\text{RH}$ " is showed on the LCD display. The appliance comes into continuous dehumidifying mode automatically.

- 1) When the temperature sensor malfunctions, the appliance will turn to continuous dehumidification mode and not under control of humidity setting.
- 2) When the temperature sensor malfunctions,dry ,speed , swing and timer can be setted normally.
- 3) This malfunction will not influence the dehumidification.

2. When the temperature sensor of evaporator is open circuit or short circuit, the symbol of defrost wink, and the appliance turns into given dehumidifying and defrosting mode: dehumidifying for 20 minutes, then defrosting for 5 minutes.

- 1) When the temperature sensor malfunctions, the keys of control panel will performance normally.
- 2) When the temperature sensor malfunctions, the appliance will continue to work with lower efficiency.

● Memory Function

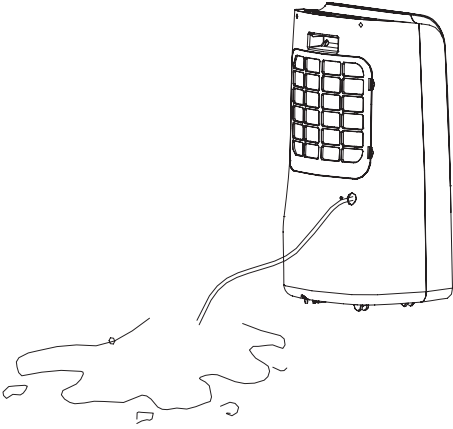
1. If user switches off the machine but don't remove plug from the power socket,when switches on the machine,the unit will not recover back to the last setted mode.
2. If power supply is cut off when the appliance is running, once power restoration, the appliance will restart automatically and operates at continuous dehudification mode and fan at "middle speed" level.

● Continuous Drainage

Remove water plug and connect with PVC hose with spigot.

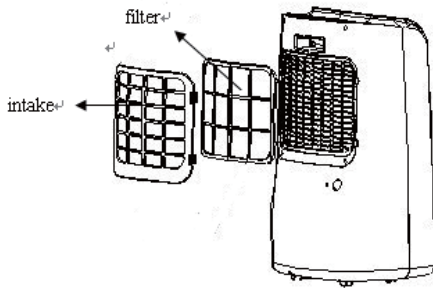


- 1.PVC hose must be placed on the ground flatly.
2. Do not tangle the hose.
- 3.Do not immerse the end of water outlet into other receptacle to avoid water flow blocked.



Maintenance & Cleaning

- ◆ For its casing is made of plastic, do not place it in direct sunlight.
- ◆ Remove the water tank with care.
- ◆ Only use a soft clean cloth for all cleaning purpose. Do not use gasoline, paint thinner or other chemicals to clean the unit.
- ◆ Cleaning mesh filter: Remove the filter in arrow direction (as shown on figures). Use a vacuum cleaner or water to clean, and then put it in ventilated place until it's dry.



- ◆ Before any maintenance or cleaning, please switch off and unplug the unit.
- ◆ Before moving the unit, please switch off and unplug the unit.
- ◆ If not using the unit for a long time. Please switch off and unplug the unit, empty the water reservoir, and pack it after 2 days, then, keep it in dry and ventilated place.
- ◆ Please seek help from your dealers or the professionals if there are some problems with the appliance.
- ◆ We will not be responsible for damage or hurts caused by unauthorized actions.
- ◆ After the expiry age for the unit, please send it to the environmental professionals for scrap actions. Do not dispose it carelessly.
- ◆ Please do not use the de-humidifier for more than 24 hours continuously.
- ◆ Please give a break for an hour before restarting to avoid the de-humidifier from malfunctioning or catching fire.
- ◆ Operating Temperature: 5 °C – 35 °C

Specification

Model	O20
Power Rated	220-240V/50Hz
Moisture removal	20L/D (30°C 80%RH)
Dehumidifying Power	310W (30°C 80%RH)
Max Power Dissipation	385W (35°C 90%RH)
Dehumidifying Air Volume	L: 145m ³ /h M:170 m ³ /h Dry:185 m ³ /h
Refrigerant	R134a 150 g
Capacity of Water Tank	5L
Unit Dimension	372×282×614mm



This appliance is not intended for use by person (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your us device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.