Instruction Manual

OC 20

Thank you for choosing this product.

Please read this instruction manual before using it.

Product	Ceiling Dehumidifier
Model	oc 20
Dehumidifying Capacity	20L/day (30℃ RH80%)
Power Supply	220V~ 50Hz
Rated Power Consumption	350W
Rated Current	2.1A
Max Power Consumption	540W
Max Current	2.8A
Max Suction Pressure	1.0MPa
Max Discharge Pressure	2.5MPa
Refrigerant	R134a/0.26kg
Dimension（W×D×H）	865 × 376 × 201 mm
Net Weight	28 kg
Working Temperature	5~35℃

The above technical data are for reference only, we reserve the right to modify without notice.

TROUBLE SHOOTING

Trouble	Possible cause	Solution
The appliance does not work	Power outages	Wait for restore power
	The power switch is not on	Turn on the power switch
	The power plug is not plugged in	Insert the plug into the socket
	The fuse blew out	Replace the new fuse
	The ground wire is not reliably connected	Connect the ground wire well.
The appliance has a poor dehumidification effect	Air filter fouling	Clean the air filter
	Obstruction in the inlet and outlet of the appliance	Remove the obstruction
	Doors and windows open	Close doors and windows
	Refrigerant leakage	Contact the supplier for repairing
Water leakage	The unit is not stably installed	Reinstall the unit stably
	Drainage pipe blocking	Clean the dirt in the pipe
Abnormal sound	The unit is not stably installed	Reinstall the unit stably
	Air filter blocking	Clean the air filter

Reminder:

1. When the above faults cannot be eliminated and confirmed to be repaired, please contact the supplier or the special maintenance station. Please do not dismantle the machine for repairing without permission by yourself.

2. When the dehumidifier runs or stops, it will hear the circulating sound of the refrigerant, which is a normal phenomenon and not a fault.

3. Hot air out of the outlet is a normal phenomenon.

Tips: This appliance adopts line control mode. Equipped with cable control box and shielding wire. The shielding wire has been installed inside the machine and the other end of the shielding wire has been installed in the control box

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APPLICATION AREA

oc 20 designed with the microcomputer humidity control, it's easy to operation with the simple control design. This machine is widely used in industry field, medical institution, goods storage, file room, warehouse, shower room and other places with high humidity to remove the humidity in order to prevent the files, instruments, equipments etc. become mildewed. The machine can work normally within the scope of the relative humidity from 20%-95%, the temperature less than 35℃.

SAFETY INSTRUCTION

IMPORTANT SAFETY INSTRUCTIONS – READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

To avoid electric shock, fire or injury, please read the user manual carefully before using the appliance and keep it for future reference.

Please use suitable power source with 220V. 50Hz. (Please refer to SPECIFICATION)

Do not to pull or tug the power cord to switch off the unit, otherwise it will cause fire or get an electric shock accident.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.

Please do not insert any foreign objects into any crevices of the unit in order to avoid electric shock.

When installation, the machine must be grounded, and ensure the wires are reliable connection.

When moving or collection, do not put machine side or upside down, or it will cause compressor failure.

Please keep the air inlet and the air outlet unblocked, because it will block the air current and cause fire. The appliance should be installed at minimum distant of 50 cm from the wall.

Do not overloading your power supply with multiple power plug, otherwise it will cause fire or get an electric shock accident.

Forbid to put flammable and explosive objects around the machine, and do not use the appliance in an environment full of flammable gas and powder. Keep away from any fire and heat sources in order to avoid short circuit or fire.

Keep the machine away from direct sunlight or any heat source or any spillage area, this appliance is for indoor use only.

CLEANING & MAINTENANCE

Disconnect the power and remove the plug from the power socket before cleaning and maintenance.

Cleaning the Ceiling Dehumidifier

1. Use a soft cloth to gently wipe the outer case to remove dust.
2. If the appliance is too dirty, clean it with the gentle cleanser, and clean it with dry cloth. It is strictly prohibited to clean the body with solvent, polishing powder etc. to avoid damaging the surface.
3. Do not spray water directly on to the unit to avoid leakage of electricity.

Cleaning the air filter

For optimum performance, it is recommended to clean the filter every two weeks. If too much dust is attached to the air filter net, the air volume will be reduced, and the dehumidification capacity will be reduced. If there is more dust in the environment, it must be cleaned once a week or even once a day.

1. First, to remove the front panel.
2. Then, use a vacuum cleaner to remove the dust on the screen, or put the filter into the warm soapy water no hotter than 40℃.
3. Finally, wash with clear water to dry.

Note: a: The filter screen should not be exposed to direct sunlight or fire to avoid deformation.
      b: The filter screen should be installed before the dehumidifier starts up.

OPERATION INSTRUCTION

【LOW TEMPERATURE DEFROST INDICATOR】
When the ambient temperature is too low, the machine will enter into the defrost mode, the unit will run with high fan speed without dehumidifying.

【SENSOR FAULT INDICATOR】
When the temperature or humidity sensors are abnormal, the humidity display will show the error code as below.

【DISPLAY ERROR CODES】
【E1】 = Temperature sensor fault
【E2】 = Humidity sensor fault
【E3】 = Drainage pipe blocking
【E4】 = The main control board IN-1 interface (system low voltage protection 180 seconds disconnected into the protection)

【COMPRESSOR PROTECTION】
As a compressor protective feature, in the event when the unit resumes normal operation after the compressor stops working, there will be a 3 minute delay for the compressor to begin its operation once again.

SAFETY INSTRUCTION

With any indication of malfunction, please stop using the appliance immediately to avoid hazard or fire. Contact the authorized service center for repairing. Do not attempt to repair or change any parts by yourself.
Please do not use the machine in the influence of chemical places, medicines or solvents that are released into the air may cause adverse effects on the machine.
When the machine is not in use for a prolonged period, please turn it off, unplug it.
Please turn off and unplug the machine before cleaning or maintenance.
Connect the drainage pipe properly and unblocked. If the temperature around the pipe is likely to freeze, it cannot be continuously drained.
Please install the machine on firm location, if the machine is turned over, the water in the water tray inside the machine will leak out, which may cause the fire or get an electric shock accident.
Please erase the dust on the power cord plug, then firmly planted. If the plug is not plugged in properly, dust may accumulate, causing a fire or electric shock.
Do not use the machine at any spillage area. When any water spilled/dropped into the machine, it may weaken the electrical insulation, and may cause a fire or electric shock hazard

Gentle Reminder:

1. The dehumidifier is controlled by microcomputer. The humidity sensor is a precision instrument, which will cause the instrument failure in the environment with strong corrosive gas and large dust.
2. This appliance has no explosion-proof function and is strictly prohibited to be used in environments with special requirements such as inflammable, explosive gas, dust, chemical products and biological products.
3. If used in the above environment, the appliance is damaged, which does not belong to the warranty scope.

8 9 10   11   12   13 14 6   5

4   3   2   1

1. Power Button
2. Fan Speed Button
3. Up and Down Button
4. Mode Button
5. Fan Speed Indicator
6. Ventilation Indicator
7. Defrost Indicator

8. Dehumidifying Indicator
9. Set The Current Clock
10. Timer On / Timer Off
11. Clock Display
12. Humidity / Temperature Reading
13. Temperature indicator
14. Humidity indicator

This machine is a microcomputer-controlled automatic dehumidifier, which can be set and controlled at any point between 20% and 95% of humidity. The control box adopts 86 boxes installation method, convenient and beautiful.

OPERATION STEPS

【ON/OFF】:
Press the [ON/OFF] button to switch the appliance on or off.

【SPEED/WIFI】: This feature is not required on this unit.
Press [SPEED] button to choose the fan speed between high fan and low fan.

【MODE/TIME】:
Press the [MODE] button once to switch between dehumidification and ventilation modes.

Remark: Press and hold the [MODE] button for 5s, enter the clock setting mode.
1. Current clock hour value setting
2. Current clock minute value setting
3. The timer-on hour value setting
4. The timer-on minute value setting
5. The time-off hour value setting
6. The timer-off minute value setting

【PURGE/▲】；【SET/▼】:
Press [UP / DOWN] buttons to complete the desired humidity, clock setting, timer on and timer off setting.
Remark: Press [DOWN] button for one time, can check the current humidity setting value.

【MEMORY FUNCTION】:
When the system is powered back up after a power failure, the system will remember the running state of the system before the last power failure and continue to operate according to the last running state.