

DEHUMIDIFIER

USER MANUAL FDH-B330



Note:

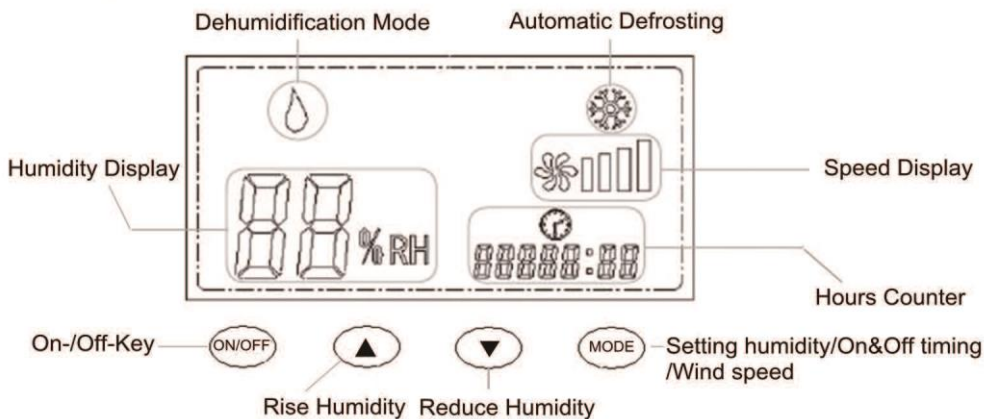
1. Please read all the instructions before starting the machine.
2. Please make sure that the electrical voltage is **110V 60Hz** before using it.
3. Please do not pull the power cord to switch off the machine.
4. When you are moving the dehumidifier, please do not damage or roll on the wire.
5. Please use the ground wire.
6. The machine can't be used in narrow places or where there is just limited space.
7. Keep this manual well please.
8. Any repairs must be carried out by professionals; our company will not take responsibilities due to non-professional repairs.
9. Please do not put anything on the top of the dehumidifier.
10. Please place the machine on a flat ground.

Structure introduction



Using introduction

1.Button and icon introduction



2.Button instruction

- A. On-/Off-Key: Turn the device on and off.
- B. ▲-Key: Increase humidity, adjust On/Off timer time, add wind speed.
- C. ▼-Key: Decrease humidity, adjust On/Off timer time, reduce wind speed.
- D. MODE-Key: Press each time, circular go into humidity setting / On&Off timing setting / Wind speed setting / Exit mode.

When press 10s, go into defrost timing setting, be able to set the defrosting time, P1=Compressor working time, P2=Defrosting time.

3. Operational guides

1. Plug into the socket, the machine will issue a "tick" sound.
2. Before operating, place machine on a horizontal, stable surface.
3. The appliance shall be installed in accordance with national wiring regulations.
4. Press On/Off key to start machine. Display shows current ambient temperature.
5. Press MODE one time to set humidity, use ▲ and ▼ to adjust humidity(30%-80%). When you have reached the desired humidity setting value, wait for 5s to be saved.
6. Press MODE key again to set timing off hours. When in standby mode(before start machine), be able to set timing on hours.
7. Press MODE key third time to set wind speed. Press fourth time to exit.

Note: When machine reach setted humidity level, it will stop working automatically.

Power-off memory function

When the power failure, all settings can be restored.

Auto-Defrosting:

In a low temperature environment, the machine will start by itself with the auto-defrosting mode. During the defrosting, the compressor stop working, whereas the fan continue working, the "defrost icon" will lit, the "fan icon" does not shine. After defrosting, the display is the same as before.

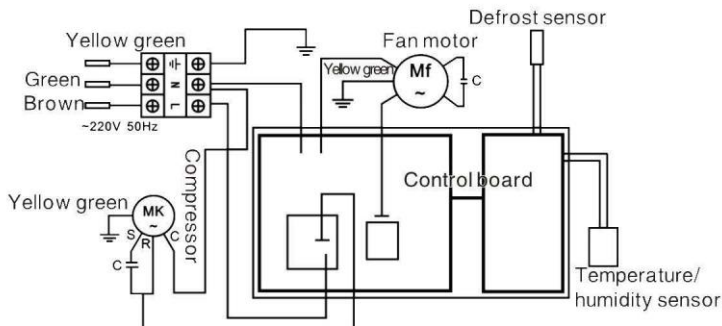
Drain off water

The water will drained from outer pipe automaticly

Total running time:

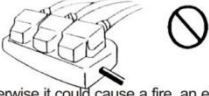
The icon "total running time display" refers to the accumulation of the total working time of the dehumidifier. (The time is counted every ten minutes)

Dehumidifier circuit diagram



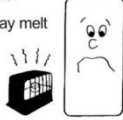
SAFE USE AND MAINTENANCE

Do not use any relay, extension cords or adapters to connect the machine.



Otherwise it could cause a fire, an electric shock or heat.

Do not place the machine near stoves, heaters and other heating equipment. Otherwise, the resin may melt or even cause a fire.




Do not use the machine under direct sunlight, wind and rain




This machine is for indoor use

If any problem occurs (such as burnt taste, etc.), please turn off and unplug the machine.

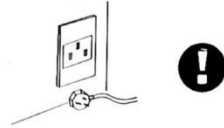


Otherwise it may cause fire, electric shock and the new incident


Please do not use the dehumidifier under an environment which could be effected by chemicals, drugs or solvents which can spread into the atmosphere and will adversely affect the machine and make the water tank leakage.



Please unplug when you are not using it for a long time.

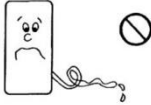


Please power off and unplug the machine when cleaning it.



Otherwise it's likely to cause personal injury.

When you are using a continuous drainage, please put the hose so that it works unobstructed.



If the temperature around the hose is too low, it may freeze, that's why please do not use direct drainage.

Please do not repair, disassembly or change the machine.



Otherwise, it may cause fire or an electric shock.

Place the unit on a flat ground.



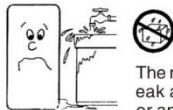
When the machine overturns, the water tank could leak, and damage surrounding objects, and could cause a fire or an electric shock.

To make sure that the filter will have long living time,



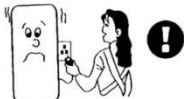
please cover the air purifying filter with a plastic bag.

Please do not use the machine on wet places.



The machine may leak and cause fire or an electric shock.

Please use the standard 220–240V AC power outlet.



Otherwise it may cause fire or electric shock.

Do not damage or modify the power cord.



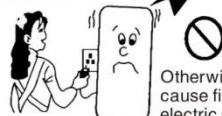
Do not place heavy objects on the power lines, heating or pulling the cord strongly. Otherwise it will damage the cord and cause a fire or an electric shock.

Wipe the dust on the power cord plug, and then firmly plug it.



If the plug is not fully plugged in, it is possible to accumulate dust, resulting in fire or an electric shock.

Do not unplug to switch off the machine.



Otherwise it may cause fire or an electric shock.

Attention

- A. When restarting the machine, the compressor has 3 minutes delay for protection.
- B. The work temperature is 5-35°C.
- C. When moving the machine, please do not tilt the machine more than 45°
- D. When defrosting the compressor will stop working, and the fan will still continue working.
- E. It is better to clean the filter once per month, put the filter into the warm water and brush it slightly.
- F. It's better to have at latest 10cm distance between the air in- and outlet and the wall, to make sure that the machine will not be affected.

- G. Please unplug the machine you are not using it for a long time. Wrap the power cord around the winding rack, and plug in the plug bracket in the back of the machine.

Fault Analysis

Symptom	Analysis	Remedy
Dehumidifier not running	<ol style="list-style-type: none">1. no power supply2. the power plug is not fully inserted	<ol style="list-style-type: none">1. to restore power2. plug in the socket
Poor dehumidification	<ol style="list-style-type: none">1. the filter is dirty2. inlet and outlet is obstructed3. the room is not closed4. room temperature and low humidity	<ol style="list-style-type: none">1. clean the filter2. removal of obstacles3. close doors and windows4. the lower the temperature is, the dehumidification capacity will decline
Abnormal noise	<ol style="list-style-type: none">1. the machine is not placed on a flat ground2. the outlet is blocked	<ol style="list-style-type: none">1. Place the machine on a flat ground (stable surface)2. remove the outlet obstruction

When these failures can't be removed and there is a need for maintenance, please contact the supplier or the agent. Do not attempt to disassemble the machine or to repair it.

When you turn on or turn off the machine it will make a "si" sound, this is normal. When there is hot air coming out during dehumidification, this is normal as well.

Error Messages

ERROR※	REASON	SOLUTION
E1	Coil Sensor- Error	Exchange the coil sensor.
E2	Moisture Sensor-Error	Exchange the moisture sensor.
E3	Temperature Sensor-Error	Exchange the temperature sensor.

If any error occurs, display will show the respective code.

Specification

Model:	FDH-B330	Capacity:	330 Pints/Day
Power:	1650W	Air Volume:	1400m³/h
Voltage:	110V/60Hz	Work Temperture:	41°F -95°F
Dimension:	565*510*1010mm	Weight:	50kg

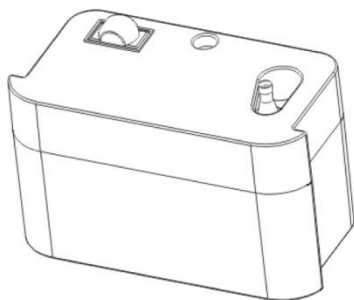
CONDENSATE PUMP

INSTRUCTION

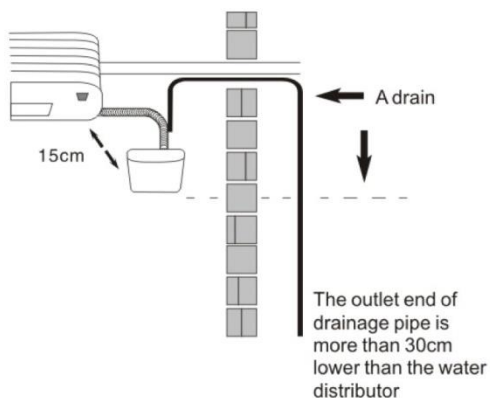
※ This product is only suitable for lifting height $\leq 10\text{m}$
It is used in the equipment with water displacement less than 400ml per minute

In order to better use the product and achieve satisfactory results, please read the following contents carefully before installation:

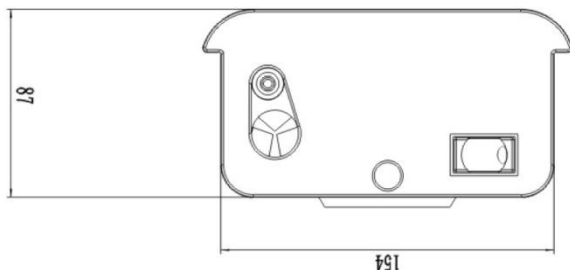
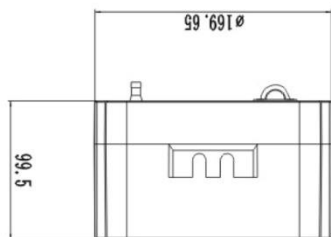
1: Product structure diagram



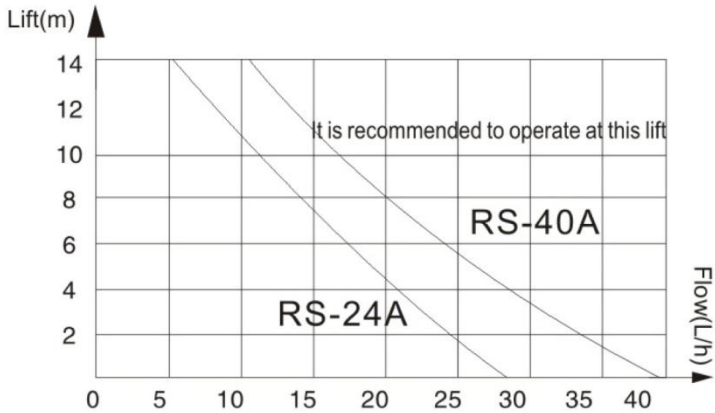
2: Installation diagram



3: Dimensional drawing



4: Head flow curve








5: Technical parameter

Model	RS-24A	RS-40A
Voltage	AC110~220V	AC110~220V
Maximum lift	10m	10m
Operation level	Discontinuity	Discontinuity
Maximum flow	24L/h	40L/h
Storage tank capacity	200ml	200ml
Applicable air conditioner power	8KW(30,000btu/hr)	15KW(45,000btu/hr)
Noise	19 (dB.30cm)	21(dB.30cm)

6: Troubleshooting

Problem	Cause	Action
Pump runs all the time	The float is positioned with the magnet uppenmost	Check the float again
	The reservoir lid(sensor) located inside the reservoir, around the sensor column	Check the sensor cable connection
	There is sludge inside the reservoir, preventing float from resting on the bottom	This may occur if pump has been in operation for some time without cleaning. Clean using an anti-bacterial wash
Pump stops and starts and makes a loud noise	The water is siphoning back through the pump	Preventing the air in the pie between the reservoir and the pump after installation and during operation
Pump runs but does not pump any water	There are some air-leaks in the pipe running to the pump	Check the reservoir and section tube are free of sludge and debris
Pump isn't operating at all	The power doesn't reach the pump	Check the power supply
	The wire is 4 wrong The voltage isn't correct	Check the power cable Check the voltage

7: Matters needing attention

	Keep away from heat source
	Placing electric appliance or valves under the drainage pump is forbidden, so as to avoid damage due to water seepage caused by power failure.
	The power supply for the pump shall be mounted independently to keep permanent supply of electric power.
	The filter at the inlet of drainage pumps shall be washed once every three months, so as to prevent the filter from being blocked.
	To avoid danger, non-authorized personnel is not allowed to mount this equipment arbitrarily.