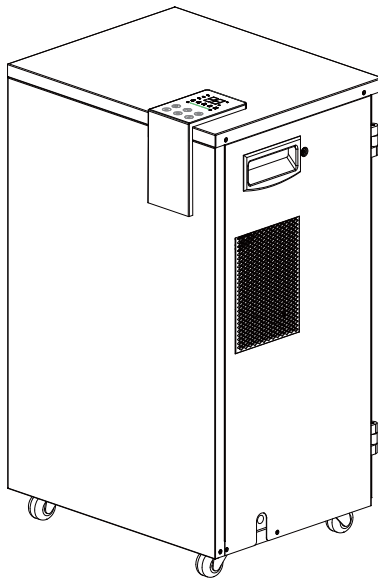


BLUEDEEP

Dehumidifier User Manual



Model No.: DK190A,DK190B

Please read this user manual before operating and save for future reference.

NOTE:

To continuously improve its products, BLUEDEEP reserves the right to modify this information without prior notification. For any questions during assembly, please check the instructions on the product page for reference. Or contact our customer service with any questions, comments, or concerns, We are online 24H for you. Thank you for using BLUEDEEP products in your home!

Made in china

Welcome

Thanks for choosing **BLUEDEEP** dehumidifier!

BLUEDEEP is dedicated to keeping people healthy, comfortable and more enjoyable by offering quality appliances range from dehumidifiers to ice makers, and more. From breathing easier in your office to upgrading your appliances, we hope **BLUEDEEP** could help you every step of the way.

**READ THIS MANUAL INSTRUCTION CAREFULLY BEFORE USING THE UNIT.
PLEASE KEEP THIS FOR FUTURE REFERENCE.**

When designing this dehumidifier, we fully considered the needs of different consumers and designed a compact size with a sturdy carrying handle for easy handling.

- A. Two-way display of front and top display to meet the display status can be seen within 180°.
- B. Three dehumidification modes.
- C. Three wind speed + automatic wind speed mode.
- D. Light bar display.
- E. 1.76Gallon water tank.
- F. Automatic defrost
- G. Power-off memory.
- H. Low noise.

Multiple functions make it suitable for basement, crawl space, living room, bedroom, laboratory, commercial place, warehouse, garage, green planting, etc.

We do hope you'll enjoy the dehumidifier you purchased from us.

Before plugging in your new dehumidifier, we suggest that you read this user manual as it contains important safety information, operation instructions, troubleshooting, maintenance tips, and warranty information to ensure the reliability and longevity of your dehumidifier.

We also kindly ask you to take a few minutes to register your product at www.blvedeep.com for more efficient support.

We're always just an email away

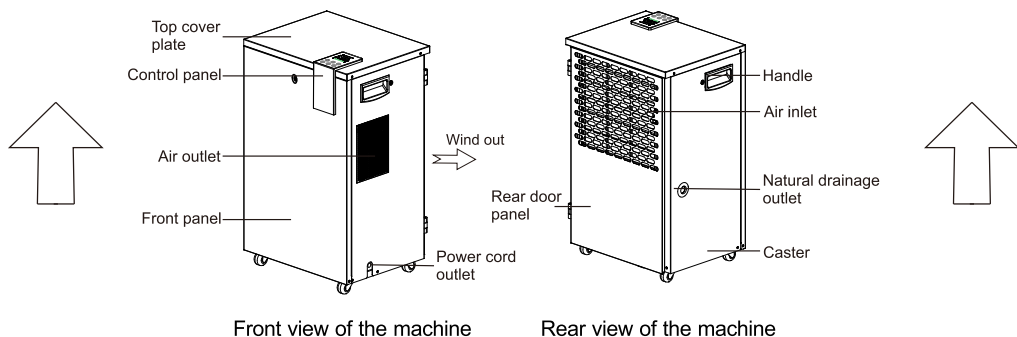
To access customer support, please email to support@blvedeep.com with your purchase order ID to help us address the problem faster and serve you better.

Thank you again!

BEFORE FIRST USE:

Please leave the dehumidifier sitting outside the box for **24 HOURS** before plugging it in.

The dehumidifiers may have been tilted or placed upside down during shipping. Leave the dehumidifier sitting for 24 hours so the oil in the compressor can settle from the move, not doing so can affect the performance or lifespan of the dehumidifier.



Note: The air inlet should be at least 3.28 ft away from the wall

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SAFETY INFORMATION

To prevent injury and property damage, the following instructions must be followed when using the dehumidifier.

1. Install the dehumidifier properly on a floor, table, or shelf that is level and strong enough to support it when the water bucket is full.
2. Do not place the dehumidifier near a heater.
3. Do not use the dehumidifier near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
4. Always plug into a grounded outlet properly.
5. Do not use if the power cord is broken or damaged.
6. Do not use the socket if it is loose or damaged.
7. Do not place a heavy object on the power cord and make sure that the cord is not compressed.
8. Do not modify power cord length.
9. Do not operate the dehumidifier with wet hands.
10. Do not place flower vases or other water containers on top of the dehumidifier.
11. Do not climb on or sit on the dehumidifier.
12. Do not operate or turn off the dehumidifier by plugging in or unplugging the dehumidifier.
Use the control panel instead.
13. Disconnect the power if strange sounds, odors, or smoke come from the dehumidifier.
14. Hold the plug by the head when taking it out.
15. Make sure to turn off and unplug the dehumidifier before cleaning.
16. Use a soft cloth to clean. Do not use wax, thinner, or a strong detergent.
17. Do not clean the dehumidifier with water. If water enters the dehumidifier, turn off the dehumidifier immediately.
18. Care should be taken when using the dehumidifier in a room with the following persons:
infants, children, the elderly and people not sensitive to humidity.
19. Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers.
20. Turn off and disconnect the power when not using the dehumidifier for a long time.

Precautions:

- The power supply wiring of the machine must be carried out according to the national wiring rules, and the power wire must be reliably connected with the external grounding wire.
- The model specification of the fuse is 250VAC, 3.15A.
- Insert the three-prong plug on the power cord into a matching electrically grounded outlet (120V/60Hz.,20A at least).
- The installation and use of the product must comply with the laws or regulations of the place where the user is located.
- If you have any questions about the electrical installation of this product, you must understand it clearly or consult a professional.
- Unplug when not in use, do not unplug by pulling the cord; do not operate this product when there is water on your hands.
- Keep out of the reach of children.
- When cleaning, do not immerse the product in water or spray water directly on the product.
- The plug must be unplugged before cleaning or maintenance of the product.
- Do not use an extension cord to connect to the power supply, ask a professional to install it.
- 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.
- This appliance is not intended for use by persons (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.
- The functioning temperature range is between 41°F(5°C) and 95°F(35°C) .
- Maintain a minimum clearance of 7.9inches(20cm) on the sides and back of the dehumidifier and15.7inches(40cm) on the top of the dehumidifier to allow for proper air circulation.

2. Product Introduction

Dehumidifier is a machine used to reduce the air humidity in the installation space, so that it can adapt to people's life, production and storage of goods. The dehumidifier of our company has the characteristics of beautiful appearance, compact structure and easy operation, which is widely used in scientific research, medical and health, commodity storage, underground engineering, kitchen,bathroom, archives, warehouse and other places with high humidity to dehumidify.It can prevent instruments, meters, telecommunications equipment, medicines and materials from dampness, rust and mildew.

During the design, considering the change of climate environment, the physiological health conditions of people and the protection conditions of other articles, the optimal humidity of the space is set between 45% and 65%, so it is recommended to set the humidity within this range.

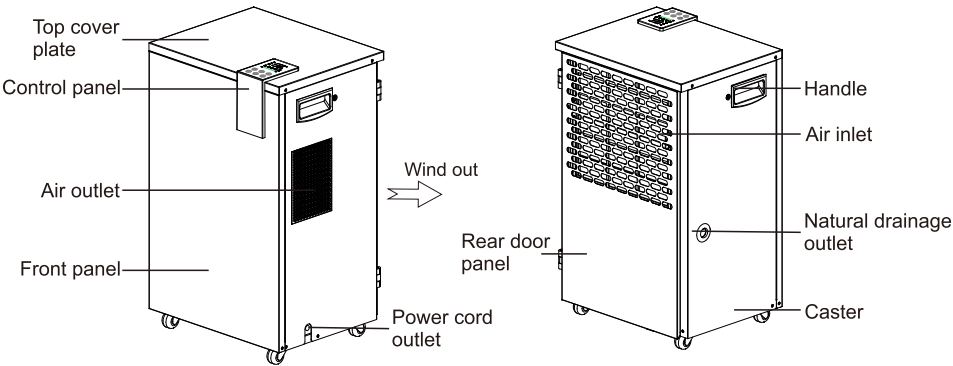
3. Product Features

- 1. Beautiful appearance, high end, compact and reasonable structure, and firmness.
- 2. Computerized control, and easy to operate, with unique timing function.
- 3. Generally suitable for low temperature, with efficient automatic frost system.
- 4. Unique humidity 1% adjustable setting function.
- 5. Hose continuous drainage function.
- 6. Unique ambient temperature display, temperature display and automatic fault diagnosis function.
- 7. It adopts international famous brand compressor and international famous brand humidity sensor.

4.The Machine Shape and Structure

The first machine shape and structure

(Please refer to the corresponding structure diagram for the specific model, and please make actual product as the standard)



Front view of the machine

Rear view of the machine

Note: This picture is the appearance of DK190A, DK190B dehumidifier.

The appearance and size of other models are slightly different, please refer to the actual product. The technical parameters of the product are subject to the nameplate on the product.

5. Placement

The dehumidifier of **BLUEDEEP** can protect the space environment from the influence of humid air.

If excess moisture permeates the space, like the smell of cooking permeates every room in the house. Therefore, the dehumidifier should be placed in the center of the space, so that the space can be dehumidified evenly and effectively.

If the humidity is particularly high in one area of the space, you can place the dehumidifier directly in that area and then move it to a central location.

In order to achieve the best dehumidification effect, close the external doors and windows when the dehumidifier is running. Do not place this product directly next to a heater or other heat source.

When placing the **BLUEDEEP** dehumidifier, please ensure that it is placed on a level surface smoothly, and there should be no objects that obstruct the flow of air at the air inlet and outlet.

Before moving the product, cut off the power supply and drain the water; when moving, the inclination of the machine body should not exceed 45°.

Store and place the dehumidifier

When you do not use this product for a long time and plan to store it, pay attention to the following steps:

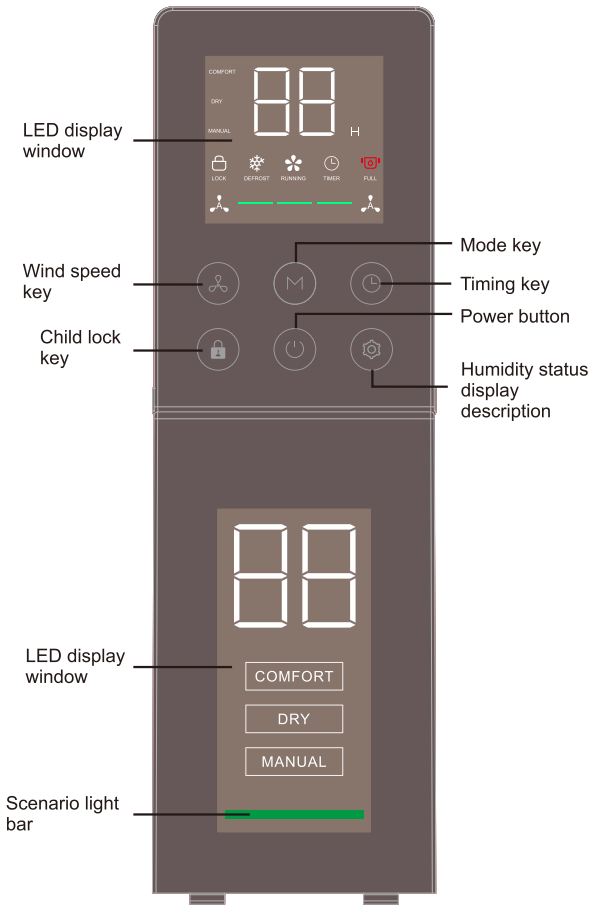
1. Drain the accumulated water in the machine.
2. Roll up the power cord and put it away.
3. Clean the filter.
4. Store it in a cool and dry place.

Important note:

The dehumidifier of **BLUEDEEP** shall keep a safe distance of at least 1m from any electric heater and inflammable materials.

6. Operation Instructions

(Please refer to the corresponding control panel diagram for the specific model, and please refer to the actual product)



Key description

- Power button:
Startup and shutdown operation;
- Wind speed key:
High, medium, low, automatic
wind speed switching;
- Child lock key:
Turn on/off the child lock function;
- Humidity setting key:
Adjust humidity;
- Timing key:
Set timing status and timing
confirmation;
- Mode key:
Dry mode, dry mode, manual
mode function switching;

Humidity status display description

Humidity status and color comparison table

S/N	Light color	Use status
1	 Orange	Ambient humidity < 50RH%
2	 Green	Ambient humidity ≥ 50RH% and < 70RH%
3	 Red	Ambient humidity ≥ 70% RH

● Humidity setting

In the manual mode of the power-on state, press the key  to set the humidity. The setting range is 30-80% RH, which can be set circularly: set the step length as 5% RH, press the up key continuously for more than 2s to quickly accumulate, and the speed is 5 times per second; The machine accepts the currently set humidity value and exits the humidity setting state after 5s without key operation; When the set humidity is 30% RH, the continuous dehumidification operation is forced.

● Mode setting

The device has three working modes: dry and cool mode, dry mode and manual mode. In the power-on state, press the button , the device will cycle through dry and cool, dry, and manual modes. Each time the button  is pressed, the working mode will be switched once.

■ Comfort mode: In this mode, the wind speed can be set manually, but the humidity cannot be set. The default humidity setting value is 50%.

■ Dry mode: In this mode, the wind speed can be set manually, but the humidity cannot be set. The default humidity setting value is 40%.

■ Manual mode: This mode is a user-friendly personalized design, and the wind speed and humidity can be set manually.

The initial power-on default enters this mode, and the humidity default is 30% (that is, continuous dehumidification mode).

● Timing setting

In the power-on/standby state, press the key  once to enter the timing setting state, the time unit **H** is on, and the small number **88** flashes to display the timing time. In the timing setting state, press the key  to set the timing time, the setting range is 01 ~ 24h, and can be set cyclically. Press the key  continuously for more than 2s to quickly accumulate or decrease. 5s after finishing the key operation, the machine completes the timing setting and exits the timing setting state. When the countdown is over, the machine exits the timing state and automatically shuts down.

If the timing time is set to **00**, the timing setting is invalid.

● Wind speed setting

The machine has 4 wind speeds of high, medium, low and automatic speed regulation. In the power-on state, press the key  to switch the windshield, which can be set cyclically. The initial power-on defaults to low-grade wind;

When the automatic gear is selected, perform the following procedure:

■ When the ambient humidity is $\geq 70\%$ RH, it will automatically run in high wind mode;

■ When the ambient humidity is $\geq 50\%$ RH and $< 70\%$ RH, it will automatically run in the middle wind mode;

■ When the ambient humidity is less than 50% RH, it will automatically run at low wind speed.

● Child lock setting

■ In shutdown, long press the key  for 2 seconds to enable the child lock function. After entering, the characters  are always on, except for the child lock key, other keys are invalid.

■ Press and hold the key  again for 2 seconds to release the child lock function and the characters  will go out.

● Power-down memory function

If the equipment is suddenly powered off during normal operation, it will automatically return to the parameter setting state before the power off after being powered on again.

● Full water protection function

When the water tank is full, the machine stops, and the water full indicator light  flashes; when the water full is released, the water full indicator light  goes out, and the machine can be restarted.

Note: The water tank needs to be placed in place normally, otherwise it will also cause the full water protection.

● Status description

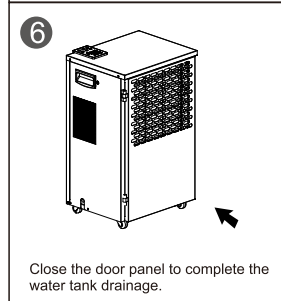
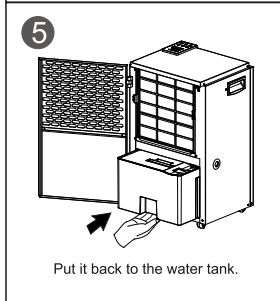
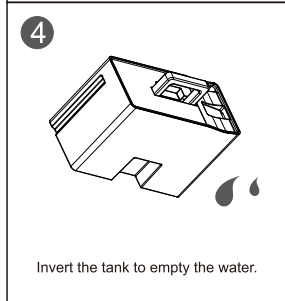
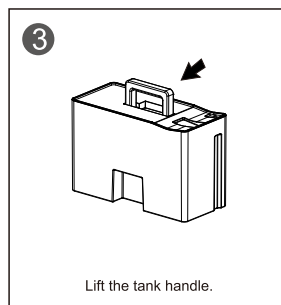
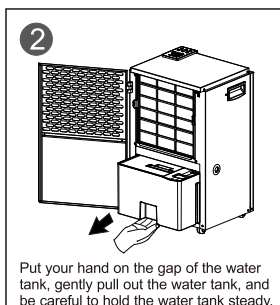
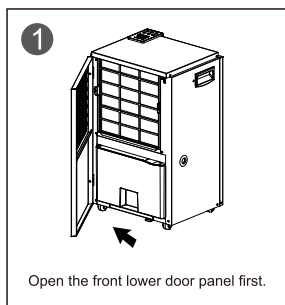
When the fan is running, the running symbol  is on, otherwise it is off.

The defrost symbol  flashes, indicating that the machine enters the automatic frost state, and it turns off when the defrost is over.

Special instructions: The compressor must be stopped for more than three minutes before it can be restarted.

7. Drainage Mode

• Water tank drainage operation instructions



Note:

Do not remove the float ball in the water tank, otherwise the water sensor will not be able to sense the water level normally, resulting in overflow of water.

Clean the water tank only with cold or warm water. Do not use detergent, steel wool, chemically treated dust cloth, gasoline, benzene, thinner or other solvents to prevent water leakage caused by damage to the water tank.

• Operating instructions for water pipe direct discharge

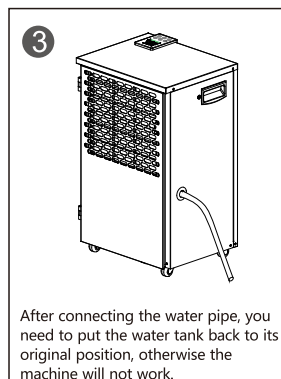
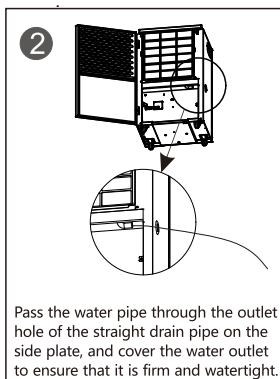
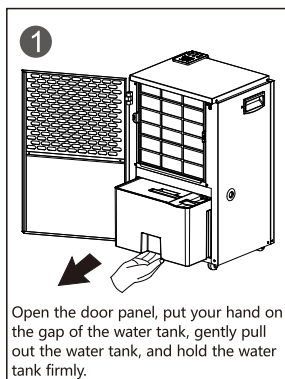
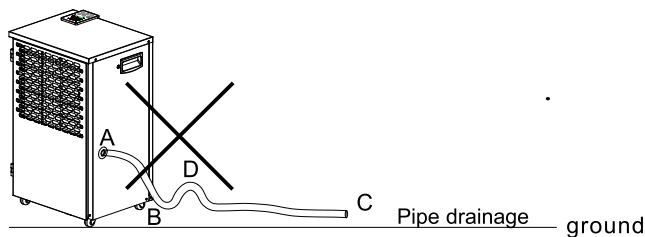
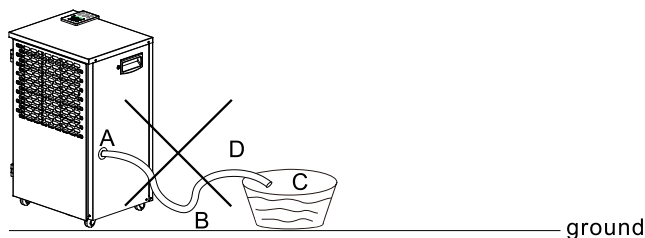


Image One: Error Connection example



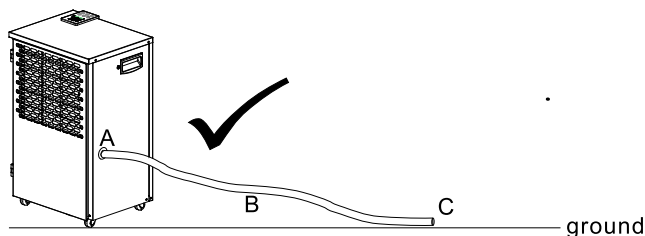
- The water pipe upward arch position D above position B, the inside of the water pipe is prone to air and accumulation, which leads to a smooth discharge through the Pipe.

Image Two: Error Connection example



- The water pipe and the water container contact point D is lower than the continuous drain A, but higher than the water pipe at the lowest point B, the inside of the pipe prone to air and water, leading to a smooth discharge of waters through the Pipe. Do not insert pipe outlet C into water.

Image Three: Correct Connection example



- Water through the continuous drainage port A, from high to low through the B and outlet C smooth discharge, can be used to water containers or discharged into the sewer (outlet C is below the continuous drainage port of 10 cm above, do not recommend the addition of the original drainage pipe).
- Pipes can be bent and not folded on the ground, but cannot be partially arched.

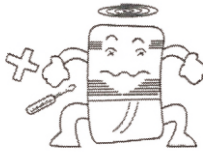
Tips: The machine has no water full prompting function. When the container is used to receive drainage, attention should be paid to water level.

The product picture of the machine is for reference only, and please refer to the actual product.

8. Precautions for Safe Use and Maintenance



Do not place unit on uneven surface.



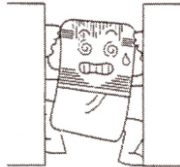
Do not insert any sharp objects into air inlet/airoutlet.



Do not operate unit near radiators, kettles or any object that releases steam.



Do not operate unit near windows or doors opening to the outdoor.



Do not obstruct air inlet and outlet.



Empty water tank before moving unit.



Do not spray any liquid onto unit.



Do not put heavy objects on top of unit.



Wash the air filter once every 2 weeks with cold water. (Do not use water > 40 or benzene)



When draining water continuously, make sure drain hose is not tangled.



Do not use the dehumidifier in an area where it may be exposed to direct sunlight, wind or rain.

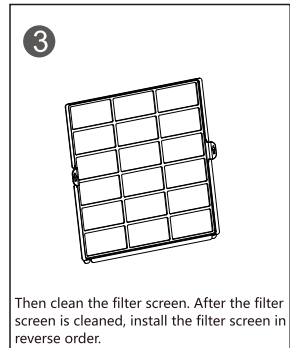
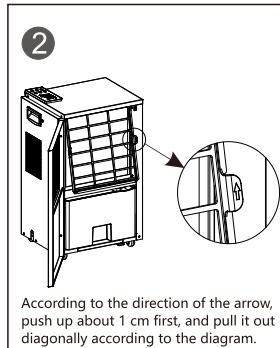
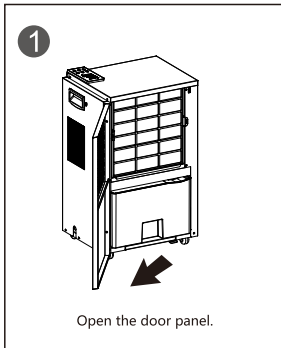
9. Repair and Maintenance

Note:

- Unplug the power cord before servicing and cleaning the product.
- Please use a soft damp cloth to clean the body of the dehumidifier.
- Do not use detergent, scrubbing steel wire, chemically treated dust cloth, gasoline, benzene, thinner or other solvents to clean and wipe the machine.

Clean the filter

-The filter is used to block most airborne dirt, such as dust, smoke, animal dander, mold spores and pollen; Regular inspections and cleaning at least once a month is recommended. When cleaning, you can use a vacuum cleaner or air gun to remove the dirt on the filter screen. If you need to clean it, you can use warm water and mild detergent to rinse it and dry it thoroughly. Do not expose the filter screen to direct sunlight or dry it to prevent deformation of the filter screen.



10. Common Troubleshooting

Fault phenomenon	Cause analysis	Exclusion method
The dehumidifier does not work	1. Power outage. 2. The power switch is not connected. 3. The power plug is not inserted into the socket. 4. The fuse is blown. 5. Machine fault prompt.	1. Restore power. 2. Restore power. 3. Insert the plug into the socket. 4. Replace the fuse. 5. Query the fault code and request the manufacturer's technical support.
The dehumidification effect is not obvious.	1. Air filter fouling. 2. There are obstacles in the air inlet and outlet of the dehumidifier. 3. The doors and windows are open. 4. Refrigerant leakage.	1. Clean the filter. 2. Remove obstacles. 3. Close the doors and windows. 4. Please contact support@blvedeep.com
Water leakage	1. Machine tilts. 2. The water outlet pipe is blocked.	1. Adjust the machine level. 2. Remove the panel to remove the dirt in the tube.
Abnormal noise	1. The machine is not placed smoothly. 2. Check whether the filter is blocked.	1. Relocate the machine smoothly. 2. Clean the filter.
Humidity always shows "10" (when there is a big difference from the actual humidity)	1. Humidity sensor failure.	1. When the "10" fault phenomenon is always displayed, the humidity is set to 10%RH, and the machine can continue to dehumidify and operate normally. 2. Repair and replace the humidity sensor.
The humidity always shows "99" (when there is a big difference with the actual humidity)	1. The surface of the humidity sensor is condensed or wetted with water. 2. Humidity sensor failure.	1. When the "99" fault phenomenon is always displayed, the machine can still continue to dehumidify and operate normally. 2. After the machine has been running for a period of time, when the moisture on the surface of the humidity sensor dissipates, it can automatically remove the fault and return to normal operation. 3. Repair and replace the humidity sensor.

1. When the above faults cannot be eliminated and it is confirmed that they need to be repaired, please contact support@blvedeep.com . Please do not disassemble the machine for repair without authorization.
2. When the dehumidifier is running or stopped, the sound of refrigerant circulation will be heard, which is a normal phenomenon.
3. It is normal to discharge hot air from the air outlet.

WARRANTY

BLUEDEEP 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 BLUEDEEP 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: Please fill out all required fields and include your Order ID, Date of Purchased if applicable.

- (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 modifications of the product other than by BLUEDEEP.

The BLUEDEEP warranty covers all costs related to restoring the proven defective product through repair or replacement of any defective part and necessary labor so that it conforms to its original specifications. A replacement product may be provided instead of repairing a defective product. BLUEDEEP's exclusive obligation under this warranty is limited to such repair or replacement.

We recommend that you register your product on our website www.blvedeep.com .

Although greatly appreciated, the product registration is not required to activate any warranty and product registration does not eliminate the need for the original proof of purchase.

These are our general terms for warranty service, but we always urge our customers to reach out to us with any issue, regardless of warranty terms. If you have an issue with a BLUEDEEP product, please contact us at support@blvedeep.com , and we will do our best to resolve it for you.

Extend Your Warranty by 1 Year

Register your product at www.blvedeep.com to extend your 1-year warranty by an additional year.

Please fill out all required fields and include your Order ID, Date of Purchased if applicable.

Website
www.blvedeep.com

Email
support@blvedeep.com

Product Warranty Card

Product name			Model
Dealer information	Dealer name		
	Dealer address		
	Phone	Purchase date	
User information	User name		
	User address		
	Phone	Body number	

Date	Fault phenomenon	Damaged component	Repairman

Product Certification
The product is approved to leave
the factory after passing the
inspection.
Production date: see the
nameplate or barcode of the
fuselage



Remark: all the product drawings involved in this manual shall be subject to the object.

All the contents of this manual have been strictly checked and proofread, but there is possibility of incorrect typesetting or printing. Please feel free to understand.