

Instruction Manual for Dehumidifier



Arctic 
 Wind

■ MODEL

AH5011

AH6511

Foreword

This Instruction Manual is the universal-purpose version for the models of dehumidifier manufactured by our Co. The appearance of the units that you purchase might be slightly different from the ones described in the Manual, but it does not affect your proper operations and usage.

Please read carefully the sections corresponding to the specific model you choose, and keep the Manual properly so as to facilitate your reference at later time.

Features and Functions Of The Dehumidifier

1. Because of its small size and easily portable design features, this dehumidifier can take away the dampness not only from the parlors, rooms, but also bookshelves and closets—open the door of the closet and put the dehumidifier close to the door for it to operate effectively.
2. Helps prevent condensation on ceiling, walls, glazing to obtain best results refrain from opening and closing the windows.
3. Dehumidifying is effective on moisture sensitive items like musical instruments, cameras, computers, etc.
4. Helps dry the clothing rapidly.

Attention

1. The appliance is not intended for use by young children or infirm persons without supervision.
2. Young children should be supervised to ensure that they do not play with the appliance.
3. When the ambient temperature is either below 5°C or above 32°C, don't operate the machine.
4. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.



WARNING

This symbol indicates the possibility of death or serious injury.



CAUTION

This symbol indicates the possibility of injury or damage to properties only.

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SAFETY PRECAUTIONS

READ ALL INSTRUCTION BEFORE USING.

- To prevent injury to the user or other people and property damage, the following instructions must be followed.
- Incorrect operation due to ignoring instructions will cause harm or damage.



WARNING

- Disconnect power cord from receptacle before servicing or cleaning. It could cause electrical shock or fire.
- Do not plug the dehumidifier in until the outside of unit is completely dry. It could cause electrical shock and personal injury hazard.
- Do not operate switches with wet hands. It may cause electrical shock.
- Never insert your finger or other foreign objects into air inlet or outlet. Take special care to warn children of the dangers.



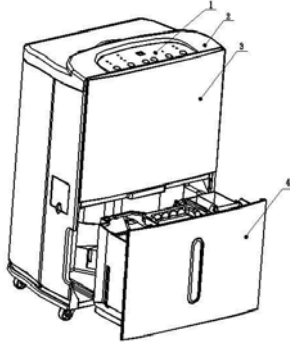
CAUTION

- Do not put a pet or house plant where it will be exposed to direct air flow. This may injure the pet or plant.
- Do not use the water collected in the bucket for drinking purposes. It is not sanitary and could cause illness or personal injury hazard.
- Do not spray insecticide or any other flammable sprays on the machine.
- Close all doors, windows and other outside openings to the room. The dehumidifier must be operated in an enclosed area to be most effective.
- Do not wash the dehumidifier or place it near water.
- Do not place the dehumidifier in any area where the atmosphere contains combustible gases or where the atmosphere is oily or sulfurous.
- Do not use the dehumidifier in such sealed locations as wardrobe.
- Do not use the dehumidifier in special areas, such as area where to store food, art or lab instruments.

NAMES AND FUNCTIONS OF PARTS

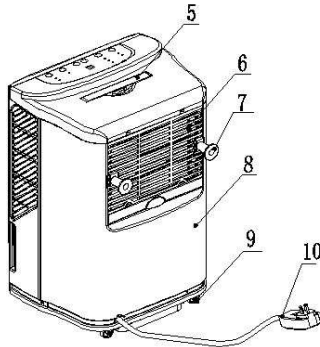
Features and appearance will vary, all the figures provide a demonstration to introduce the function.

Front Panel



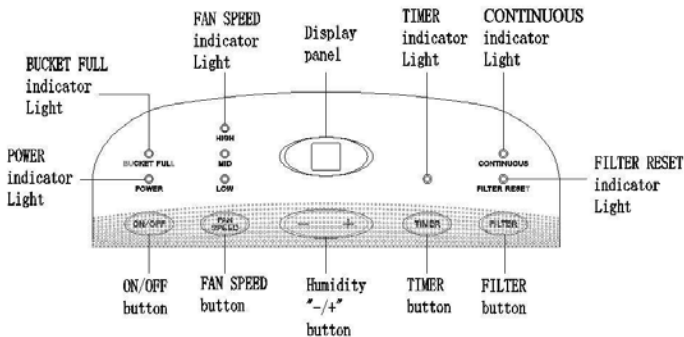
1. Operation Panel
2. Cover Panel
3. Decorative Board
4. Water Tank (To save condensed water)

Rear Panel



5. Handle (Take away the dedumidifier from here)
6. Air Filter (For intake of room air)
7. Power cord hanger (Please take it out from the water tank.)
8. The Rear panel
9. The universal wheel (Move machine, can 360° revolve machine)
10. Power Cord

Operation Panel



Functions Of Buttons

1. ON/OFF Button:

Press to turn the dehumidifier on and off.

2. FAN SPEED button:

Press the FAN SPEED button to cycle through the different fan speeds: High, Medium and low. When room temperature is below 10°C or above $\geq 35^{\circ}\text{C}$, the dehumidifier automatically runs into high speed mode, the FAN SPEED button will not operate under this circumstance.

3. Humidity " \pm " button:

Press the "-" or "+" buttons to choose the desired relative humidity in the room. Each press of the button will change the desired room humidity by 5%. The room humidity is selectable from 35%-80% or continuous. The unit will be cycle on and off to maintain humidity level chosen on the digital display. If you want the dehumidifier to operate to continuously regardless of the room humidity, press the (-) button until you see "C0" on the digital display. This will enable continuous operation and the "Continue" indicator will light up on the control panel.

4. TIMER button:

press TIMER to set the dehumidifier to turn on or turn off in future time, ranging from 1 hour to 12 hours

5. FILTER button:

press FILTER to re-begin calculation of running hour after cleaning the filter.

Indication Lights

1. POWER Indication light:

Plug the dehumidifier in, POWER indicator light is on continuously, the dehumidifier is normal power connected.

2. BUCKET FULL indicator light:

When water bucket is full, the dehumidifier stops running, and the BUCKETFULL indicator light blinks.

3. FAN SPEED indicator lights:

- (1) HIGH indicator light glows, the dehumidifier runs under high fan speed mode.
- (2) MID indicator light glows, the dehumidifier runs under middle fan speed mode.
- (3) LOW indicator light glows, the dehumidifier runs under low fan speed mode.

4. TIMER indicator lights:

The TIMER indicator light is on when user sets the dehumidifier to turn on /off in future time.

5. CONTINUOUS indicator light:

CONTINUOUS indicator light glows when the dehumidifier runs under continuous dehumidification mode by setting the humidity below 35%.

6. FILTER RESET indicator light:

Accumulated running time reaches 250 hours, the FILTER RESET indicator light glows; user is suggested to clean the filter.

INSTALLATION

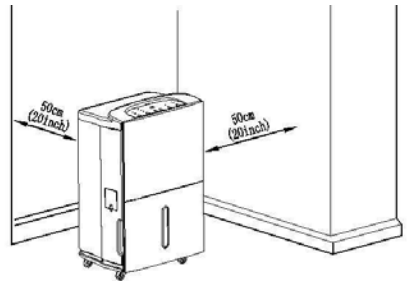
Installation Location

Install the dehumidifier in a flat and spacious location where the air inlets and outlets will not be covered up. Maintain a clearance of at least 50cm front and rear to maintain correct air-flow of unit .



Do not install the following locations:

1. Next to source of heat e.g. a radiator or heater, tumble dryer etc.
2. An area where oil or water is likely to splash.
3. An area exposed to direct sunlight.
4. Near a bath, shower or a swimming pool.
5. In a greenhouse.



Electrical requirements

The appliance shall be installed in accordance with national wiring regulation. This appliance is fitted with a plug and rated fuse. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.



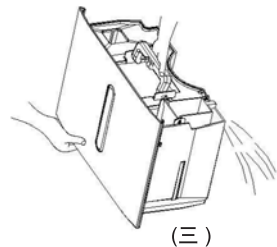
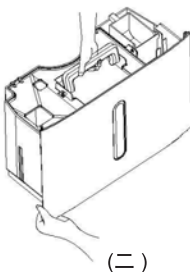
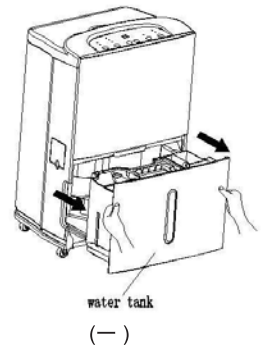
Do not connect the power source cord in the middle; using extension cords and sharing one socket with other electric appliances are prohibited.

WATER DRAINAGE METHODS

Water will drain into the water tank. When the water tank is full and the unit stops operating, the WATER FULL indication light will flash. The water tank can be emptied in one of the following two ways:

1. Empty the water tank manually:

- Remove the water tank as shown. Be careful while taking out the water tank as it can be heavy, it is advisable to carry the water bucket by supporting it from bottom.
- Empty the water and replace the water tank properly, make sure the slots on the back of the water tank are positioned correctly.



WATER DRAINAGE METHODS



- Do not remove the water tank whilst the unit is still working or just stopping. This might cause some water to drip on the unit.

2. Continuous drainage: hose (Depending on the selected humidity level):

- Remove the bucket cover from the front of the unit.
- Open the drain cover on the side of dehumidifier (see fig.a)
- Push a hose (internal diameter about 11.5mm, not supplied) onto the connector located inside of the hole. Make sure that there are no water leaks. (see Fig.a, Fig.b)
- Cut to length of hose and replace the bucket in the dehumidifier (see Fig. b)
- The highest elevation of the hose must be lower than the drain cover's (see Fig. c)

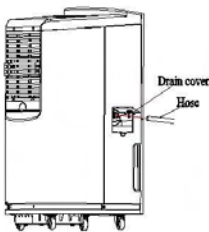


Fig.a



Fig.b

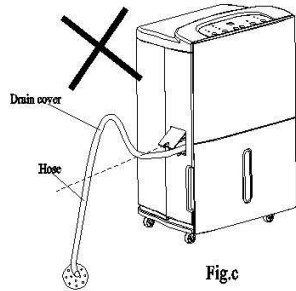
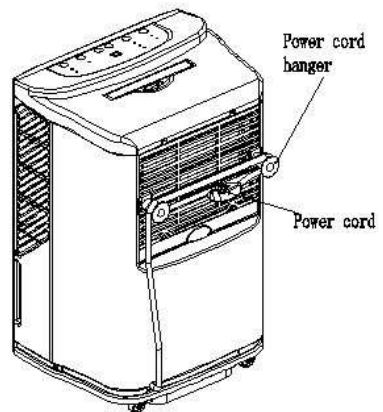
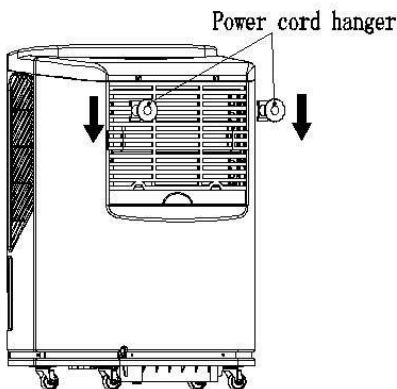


Fig.c

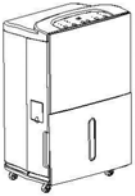
3. Power cord hanger:

- Move it upward or downward to install or dismantle the power cord hanger.
- When moving the unit or temporary storage, fix the power cord hanger onto the back of the dehumidifier. Twine the cord around the hanger.



Methods Of Maintenance

● Cleaning of the main unit



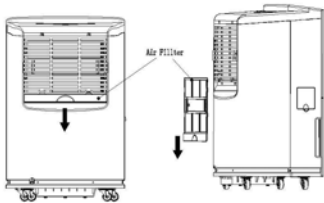
Please use a soft and clean cloth to do the cleaning.



Do not use gasoline, benzene, detergents treated with chemicals etc. to clean the unit, that might cause damages to surface of the unit.

● Cleaning of the air filter

The air filter should be cleaned once every two weeks.



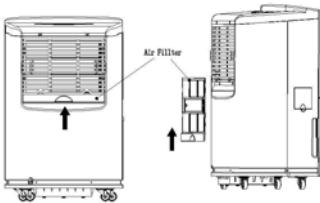
1. Take off the air filter.

press the hook on the filter the same time as pull the filter downwards and out of the dehumidifier.



2. Clean the air filter.

Wash air filter with warm water and a mild detergent. Rinse and dry it.

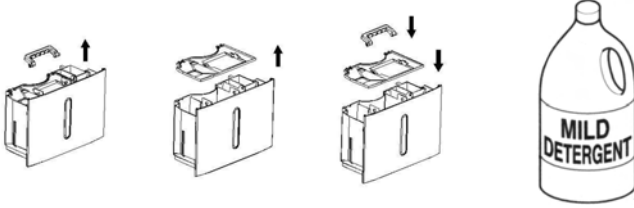


3. Re-install the air filter.

Place the air filter back into unit and close the front grille .

MAINTENANCE AND SERVICING

● Cleaning of the water tank



Every few weeks, rinse the inside of the water tank with a mild detergent to prevent growth of mold, mildew, and bacteria.

1. Pull out the handle and cover of the water tank.
2. Clean the inside of the water tank with a mild detergent.
3. Replace the handle and cover of tank when completely dry, and place the water tank back inside the dehumidifier.

Storage

When you do not use the unit for a long time, please store it according to the following procedures:

1. Empty the remaining water in the drainage pan, and use a dry cloth to mop the remaining water drops.
2. Clean the air filter.
3. Place the unit into the package case to prevent from dust accumulation. Keep the unit in a vertical position, and store it in cool and dry places.

Trouble shooting

TROUBLESHOOTING

Problem	Possible Causes	What To Do
Dehumidifier does not start	The dehumidifier power cord is unplugged.	Make sure the dehumidifier plug is pushed completely into the outlet.
	The fuse is blown or circuit breaker is tripped.	Check the house fuse or circuit breaker box and replace the fuse or reset the breaker.
	Water bucket is full.	The dehumidifier automatically turns off when this occurs. Empty the bucket.
	Bucket is not installed.	Make sure the bucket is in the right place.
Dehumidifier does not dry the air as it should	Did not allow enough time to remove the moisture.	When first installed, allow at least 24 hours to maintain the desired dryness.
	Airflow is restricted.	Make sure there are no curtains, blinds or furniture blocking the side or back of the dehumidifier.
	Doors and windows may not be closed tightly.	Check that all doors, windows and other openings are securely closed.
	Is the ambient temperature about 35°C or below 2°C.	The built-in protective device is in action, making the unit unable to be switched on to avoid operations of the unit under a seriously unfavorable condition. Do not use the dehumidifier under such circumstance.
The operational noise turns bigger abruptly	When the compressor is activated the operational noise will be bigger.	This is normal.

Trouble shooting

Problem	Possible Causes	What To Do
<p>The unit utter abnormal noise when it is turned or when it shifts the operational modes</p>	<p>The refrigerant might Utter some noises before it restores to stable flow.</p>	<p>This is normal.</p>
<p>Water on the floor</p>	<p>Bucket drain hose connection may be loose.</p>	<p>Check the hose connection. See the Drainage Section on page 5.</p>
<p>The fan motor runs but the compressor is not activated.</p>	<p>Water bucket is not all the way in.</p>	<p>Disconnect the hose if using the bucket or place the hose near drain.</p>
<p>The fan motor runs but the compressor is not activated.</p>	<p>If the unit is immediately switched on within 3 minutes after the power is off of the unit is stopped for operation, the protective device of the unit will be in action. The compressor will be automatically re-activated after a 3 minutes' delay. Or when the ambient temperature is too low, the dehumidifier is in the operational mode of defrosting. The dehumidification will be resumed after the defrosting is over.</p>	<p>This is normal.</p>

