

Product parameter table

Product name	Ultrasonic humidifier
Specification	LY-H52
Rated voltage	110V
Rated	50/60Hz
Rated power	28W
Tank capacity	5. 0L
Maximum	280mL/h
Executive standard	GB 4706.1-2005
	GB 4706.48-2009



LY-H52

Operation manual of ultrasonic humidifier

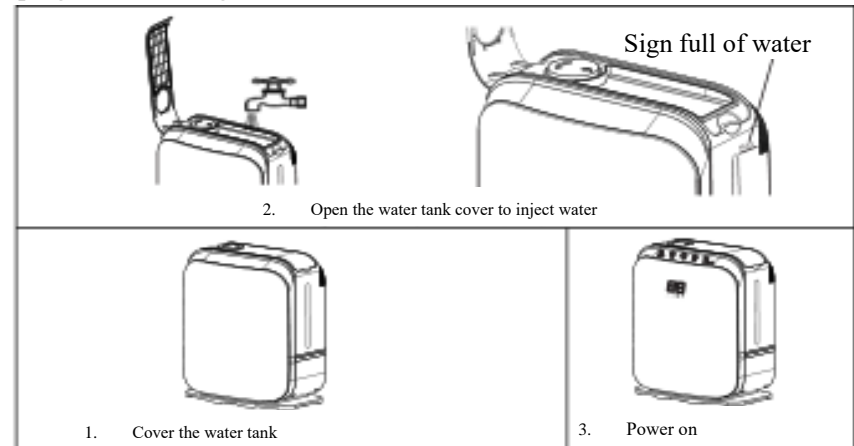
Product upgrade, specifications and parameters are subject to update without notice. The actual product form and color may be slightly different from that shown in the actual product. Please refer to the actual product

Product working principle

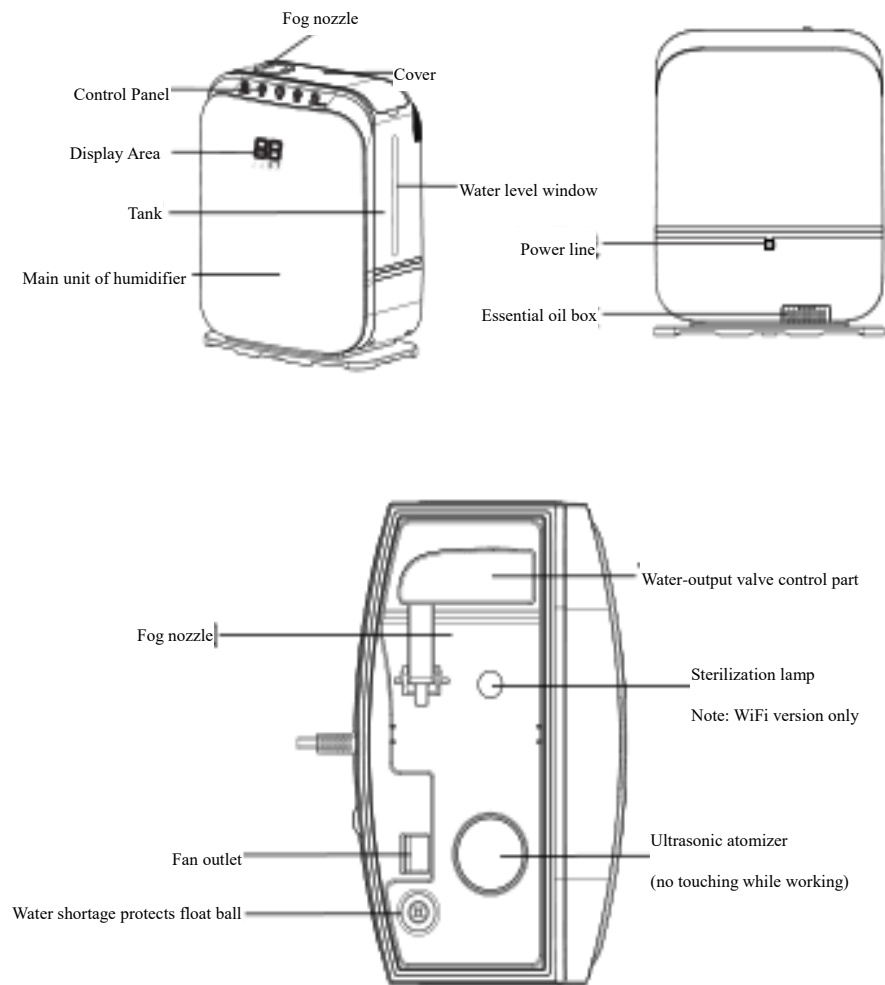
The ultrasonic air humidifier uses the principle of 1.7 million high frequency oscillations per second generated by ultrasonic vibration to atomize water into 1-5 μm ultrafine particles, and then diffuses the water mist into the air through the pneumatic device, so as to achieve the purpose of uniformly humidifying the air.

Product usage

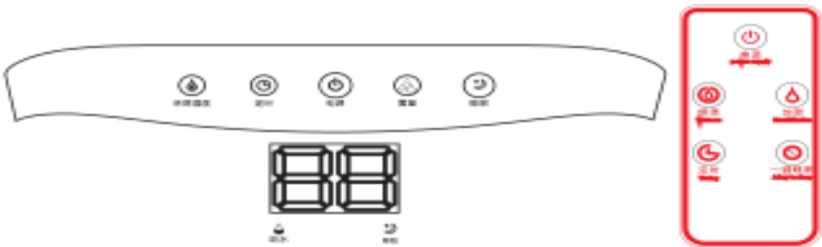
1. Put the machine on the horizontal ground, take off the water tank cover and inject a proper amount of clean tap water or distilled water (unplug the power plug when injecting water), and then add the water to the "Max" or "maximum water level" marked on the water tank;
2. Cover the water tank cover, wipe the water on the surface of the machine, and then plug the power plug of the machine into the socket. Before connecting the power, make sure that the working voltage of the machine is consistent with the operating voltage;
3. Turn on the power switch / fog regulating switch, the power indicator is on (green or blue), the machine starts to work, and the fog can be adjusted at will;
4. When the water level in the water tank of the machine is too low, the machine will automatically cut off the power supply and stop working. At the same time, the water shortage indicator light is on (red). Please turn off the power switch and unplug the power plug before adding water to the water tank.



Product part name

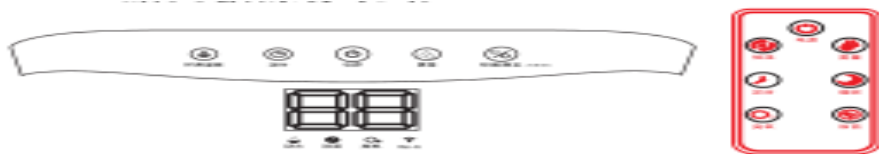


Standard panel operating instructions



1. Power key: After the power is turned on, tap the power key, the LCD will light up the machine to work, and then tap the power key again, the humidifier will stop working and enter the standby state.
2. Environmental humidity key: Press this key for the first time, the product will enter the constant humidity function, and the "environmental humidity" on the LCD will be on; The default humidity is 40%, and then press 5% to increase until 90% to exit the constant humidity function, so as to adjust the cycle, and stop working when the environmental humidity reaches the preset humidity value.
3. Timing key: This product has the function of appointment timing. It can shut down the machine at a fixed time of 12 hours from 1 hour, 2 hours to 12 hours. Tap this key to set the shutdown time. Each time you press the key, the display will show the corresponding time.
4. Fog volume key: the product is divided into three levels: low fog volume, medium fog volume and high fog volume. The fog volume can be adjusted by pressing the down fog volume key each time. When the product is started, the default is the maximum fog volume.
5. Sleep key: when the product is turned on, tap this key to turn off the display automatically after the sleep function is turned on, and the product remains in the original working state and works continuously. Press any function key to exit the sleep function, the display will light up, and the operation of the remote control is consistent with the key of the body.

WiFi version panel operation instructions



1. Power key: after the power is turned on, tap the power key, the LCD will light up the machine to work, and each time tap the power key, the humidifier will stop working and enter the standby state.
2. Environmental humidity key: press this key for the first time to enter into the constant humidity function, the meaning humidity "" on the LCD will light up: the default humidity is 40%, and then press 5% to increase until 90% to exit the constant humidity function, so as to adjust the cycle, and stop working when the environmental humidity reaches the preset humidity value.
3. Timing key: This product has the function of appointment timing. It can shut down at a fixed time of 12 hours from 1 hour, 2 hours to 12 hours. Tap this key to set the shutdown time. Each time you press this key, the display will display the corresponding time.
4. Fog volume key: the product is divided into three levels of low fog volume, medium fog volume and high fog volume. The fog volume can be adjusted by pressing the down fog volume key each time; the maximum fog volume is the default when the product is started.
5. Sleep function: This product has one button intelligent sleep humidification function; the product touches "constant humidity" key for 5 seconds in the state of work weariness, and automatically closes the display screen after starting the one button sleep function. The product keeps the original working state and works continuously. Press any function key to exit the sleep bright display screen and light up, and the operation of the remote control is consistent with the key of the body.

Fault analysis and troubleshooting

Fault phenomenon	Fault analysis	processing method
No light, no wind, no fog?	Power is not connected or there is a problem	Reconnect the power supply. If it still fails to work normally, please contact the after-sales service center in time.
The light is on, but there is no wind or fog?	Water level of substructure (working water tank) is too high	Pour some water out of the base (working water tank) and tighten the water tank cover.
Small amount of spray	There are many scales or impurities in the atomizing sheet	Clean the atomizer and replace the clean water.
Abnormal noise	There is too little water in the water tank, and the placing surface is not stable	Add water to the water tank and place the humidifier on a solid and stable surface
Water cannot reach the base	The water tank cover is dirty or the water tank is not placed properly	Clean the tank cover and install the tank properly.
	The water in the tank is above the maximum level	Reduce the water in the water tank, and do not exceed the maximum water level.
Note: If none of the above methods can be solved, please contact the online customer service of the dealer in time		

Safety instructions

1. Please do not pull out the plug with wet hands to avoid electric shock;
2. Do not disassemble, repair or transform the product without permission;
3. When turning on the machine, do not touch the atomizer with your hand, otherwise you will feel pain
4. The power cord shall not be scratched, damaged or knotted, nor shall heavy objects be pressed or clamped or processed, otherwise electric shock, short circuit and fire may be caused
5. Do not replace the power cord without permission. If there is any abnormality, please unplug the plug immediately and contact the manufacturer or after-sales customer service;
6. If the power cord is damaged, in order to avoid danger, it must be replaced by professionals from the manufacturer, its maintenance department or similar departments;
7. Do not separate the water tank from the base during operation. Do not touch the water and components in the base
8. This machine is for indoor use only;
9. Please unplug the power plug in case of thunderstorm or long-term non use;
10. Please do not turn the appliance over when it is powered on and there is water inside, to avoid burning the internal electronic components;
11. Please keep the product out of children's touch. Do not let children use or operate the product to avoid accidents;
12. Unplug the power plug during water filling and cleaning;

Reminder

Regarding the water accumulation in the substructure:

The humidifier uses ultrasonic atomization plate vibration to disperse the liquid water into water mist. The water tank is just a transitional water storage tool, and all the water tanks at the base of the humidifier will accumulate water. Please feel free to use it.

About fog regulation:

If there is water around the machine during use, it means that the humidity in the room is too high. Please adjust the fog properly.

About the remote control battery:

Please refer to the instructions on the back of the remote control for the replacement method and battery model of the remote control.

Matters needing attention

- 1) The power supply voltage must be consistent with the rated voltage of the product. If the power supply voltage does not match, please contact the dealer and do not use the product
- 2) Please store the humidifier at room temperature for 30 minutes before use to prevent the water tank from damage due to sudden temperature change
- 3) Please use it at normal room temperature (5C ~ 40 °C);
- 4) Please place it in a flat position to avoid tilting;
- 5) Please do not put the humidifier directly on the wood floor to use, so as to avoid the damage of the wood floor due to moisture;
- 6) Please place the humidifier 2 meters away from the furniture and electrical appliances to avoid moisture;
- 7) Please keep away from heat source and avoid direct sunlight;
- 8) Do not inject hot water above 40 °C into the water tank or sink to avoid damaging the machine;
- 9) Do not let water flow into the machine body from the air outlet. If there is water in the machine body, please wipe it with a dry cloth to avoid damaging the machine;
- 10) When the room temperature is lower than 0 °C , please pour out the water in the water tank and water tank to avoid the damage of the machine caused by freezing
- 11) Please don't put the metal products, chemicals and detergents into the water tank, otherwise the atomization will be poor;

- 12) When pouring out the water in the sink, please turn off the power first and unplug the plug;
- 13) If the humidifier is moved, cleaned, added with water, must first turn off the power and unplug the power. Do not move the machine at will during operation;
- 14) It is forbidden to inject water into the fog outlet and air outlet;
- 15) When cleaning, please avoid water inside the appliance;
- 16) Do not dismantle the original body at will.

Cleaning and maintenance

1. Clean the water tank, water tank and atomizing sheet every week, and unplug the power before cleaning
2. External cleaning of humidification dew: wipe the external surface with a clean soft wet cloth lower than 40 °C ;
3. Do not use hard objects during cleaning to avoid damaging parts;
4. Do not use chemical detergent for cleaning;
5. Please change the old water in the water tank frequently to keep the inside of the humidifier clean
6. Keep the humidifier dry when not in use for a long time.

Descaling method of transducer and base

- Before cleaning, be sure to turn off the power and unplug the power
- Pour the descaling agent into the machine stand, then add 60 °C warm water to dissolve the descaling agent and soak for 5-10 minutes.
- Then brush the transducer surface with a clean brush until the scale is removed;
- At the same time, clean the base and the transducer surface with clean water.

Table of harmful substances in products

Part name	Name and bone content of harmful substances in products					
	Plumbum	Mercury	Cadmium	hexavalent	Polydiphenyl	Polydiphenyl ether
Plastic parts of shell	○	○	○	○	○	○
Fan	×	○	○	○	×	×
Circuit board	×	○	○	×	○	○
Hardware, fastener	○	○	○	×	○	○
Silica gel parts	○	○	○	○	○	○
Internal conductor	○	○	○	○	○	○
Cord as-power	×	○	○	○	○	○

This form is prepared in accordance with SJ / t11364

○: It means that the content of the harmful substance in all homogeneous materials of the part is below the limit requirements specified in GB / T 26572

×: It means that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB / T 26572

Note: The contents of harmful substances in the products publicized in this table do not include batteries that need to be replaced regularly

Under the normal use conditions described in this manual, the environmental protection service life of this product is 10 years. It can be safely used within the environmental protection service life. After the environmental protection service life is exceeded, it should enter the recycling system

Warranty Policy

- I. From the date of purchase (subject to the date of invoice), the machine is in normal use and has a 1-year warranty for quality problems;
- II. The following conditions are not covered by the free warranty, but you can still enjoy the preferential maintenance service only charging the material cost
 1. Failure to follow the operation steps and precautions in the manual, resulting in product failure;
 2. Product failure caused by accident, force majeure and other factors, such as high voltage, fire, flood, earthquake, etc.;
 3. Beyond the warranty period
 4. The customer changes, misuses or accidentally destroys it without permission;
 5. The use environment exceeds the product specifications;
- III. Please keep the warranty card properly and do not reissue it after losing it;
- IV. Product upgrade, specifications and parameters are subject to update without notice. The actual product form and color may be slightly different from that shown in the actual product. Please refer to the actual product.

Warranty Policy

Customer name		Contact number	
Date of purchase		Product model	
Customer address			
Shop purchase			
Maintenance record	①		
	②		
	③		

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.