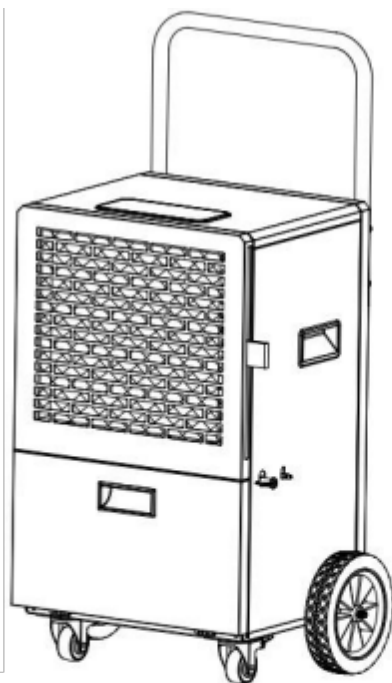




# Manual of YGH-60D/3-P

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# Warning

## Request:

- Please place the household appliance on a flat open ground and maintain a distance of at least 50cm between the appliance and surrounding objects.
- Do not place this machine in water or other liquids.
- If the power cord is damaged, it must be replaced by a professional or electrician to avoid danger.
- This household appliance should be installed in accordance with the corresponding national wiring standards.
- Please unplug the power when stopping use, resetting or cleaning this device, and when not in use for a long time.
- Please use under the specified voltage.
- This machine is for indoor use only and should not be used for other purposes.
- Please do not place waste sticks or hard objects inside the machine to avoid errors and damage.
- When an abnormality occurs (such as a burnt smell), please turn off the machine and unplug the power cord.
- If the power cord is damaged, in order to avoid danger, it must be replaced by professional personnel from the manufacturer's maintenance department or similar department.
- The user of this household appliance must be at least 8 years old. Those who are physically weak, have weak sensory abilities, or have low psychological resilience must be supervised for proper use and harm while understanding the correct usage methods. Children are prohibited from playing. Children need to be supervised before cleaning and maintaining this equipment.

**Don't's:**

- Do not place this machine near heating devices (flames or heaters, etc.).
- Do not turn on or off this device by plugging in or unplugging the plug.
- Do not use insect spray or other flammable substances near the machine.
- Do not scratch the appearance of this machine with sharp objects.
- Do not splash oil or water into this machine.
- Do not clean this machine with water, just wipe it with a semi wet soft cloth.
- Do not use chemical solvents such as benzene, gasoline, alcohol, etc. to wipe this machine. If the body is indeed very dirty, please use a neutral cleaning agent to scrub.
- Do not invert the machine.

## Frequently asked question

### **Q:Why does the dehumidifier fail to operate or suddenly stop running?**

- It is possible that the ambient temperature is low or high in the dehumidifier mode at this time (dehumidifier may not be possible when the ambient temperature is below 5 °C or above 32 °C).

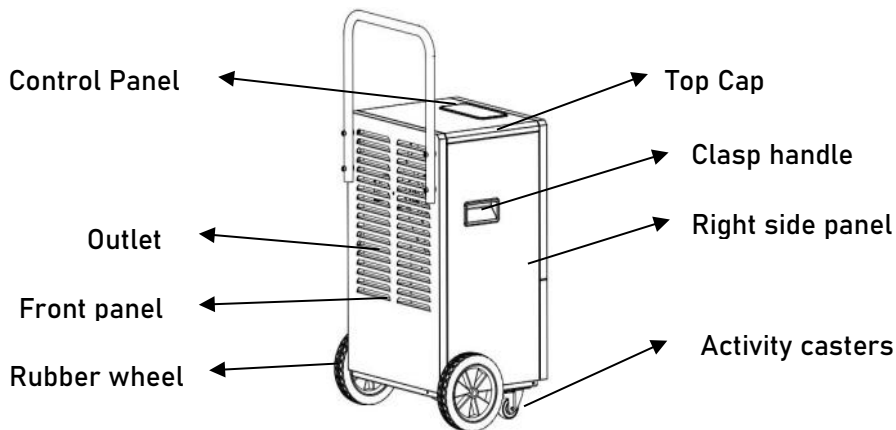
The operating environment temperature of the machine is 5-32 °C, and the relative humidity is 30% -80%. The optimal operating temperature is 16-32 °C.

### **Q:Why does the air supply outlet blow hot air?**

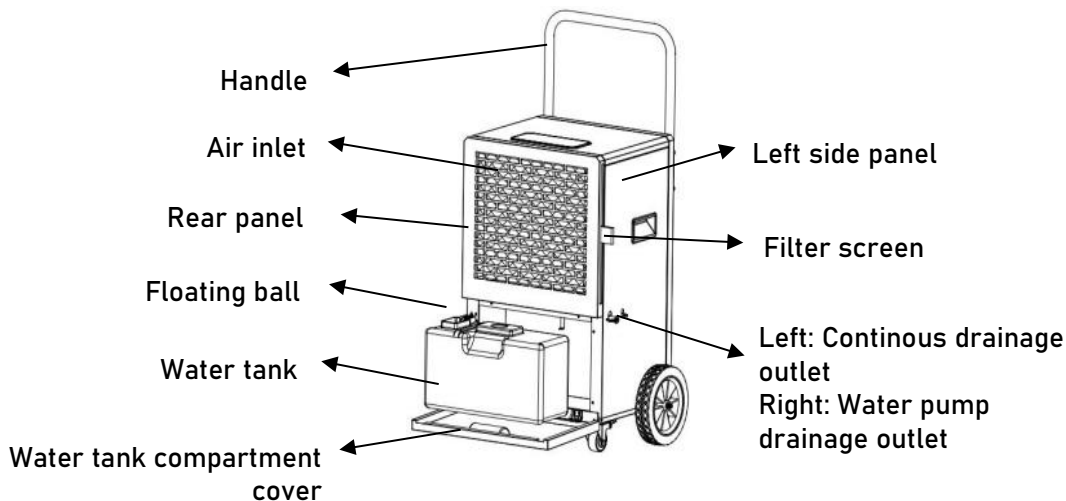
- l This machine extracts indoor air and cools it down by the dehumidifier unit. The temperature drops below the condensation point and condenses into water droplets, which eventually fall into the water tank. The dehumidified air is then heated up by the reheating unit, which can reduce energy consumption and accelerate dehumidifier. Therefore, the discharged air is hot air, which is not a fault.

# Assembly (with water pump)

## Front

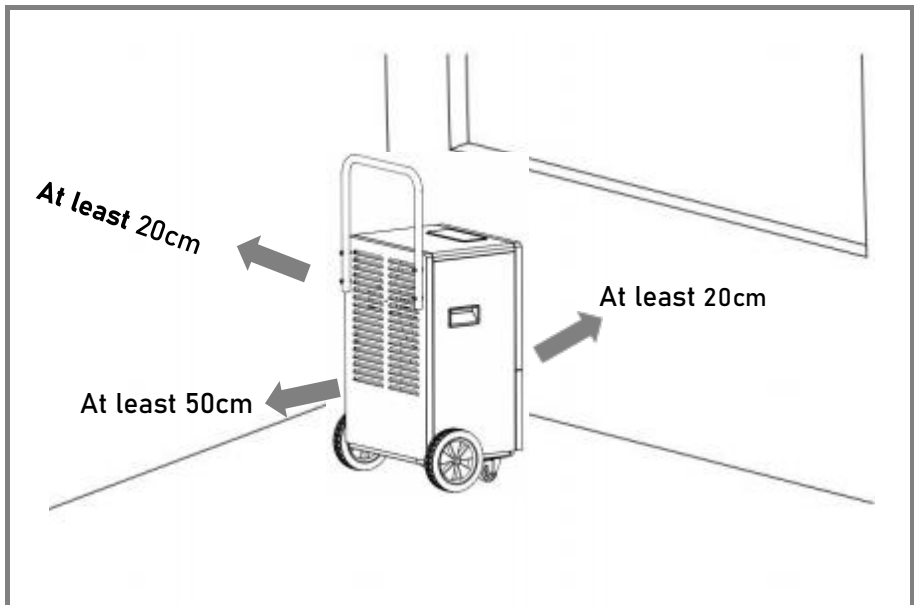


## Back



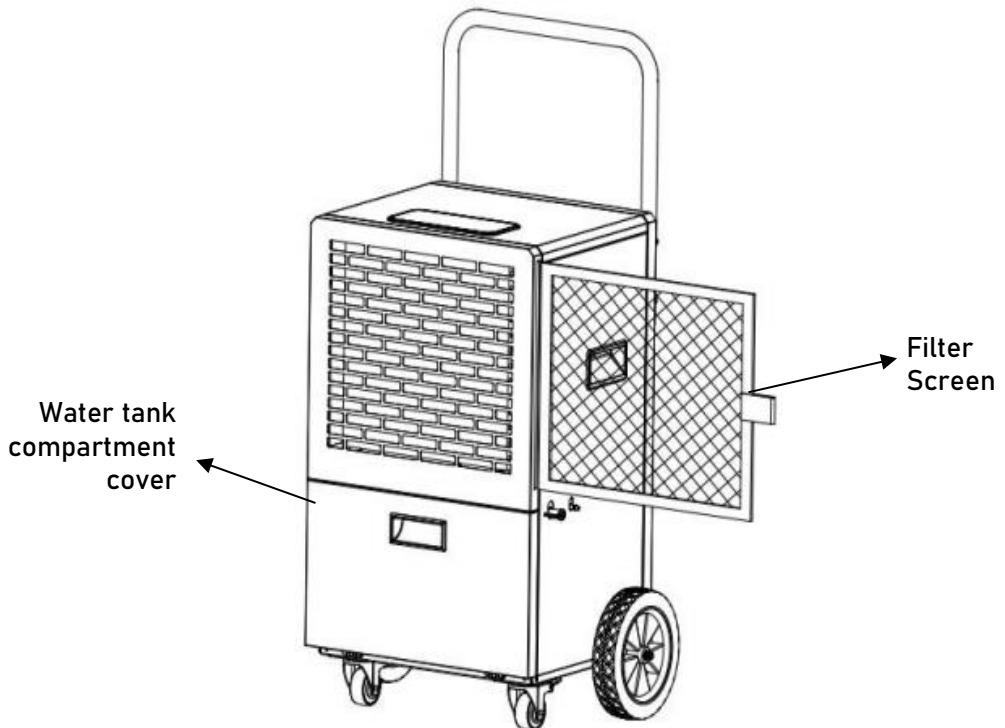
## Install

- The air outlet is located in front of the aircraft, with a minimum distance of 50cm from obstacles, and other surfaces require a minimum distance of 20cm from obstacles.
- Please try to open fewer doors and windows during operation as this can save energy.
- When using this device and discovering loud noise: It is recommended to place a cushion or shock-absorbing rubber plate under the machine to reduce vibration and noise, as well as to reduce dents in wooden floors or carpets.



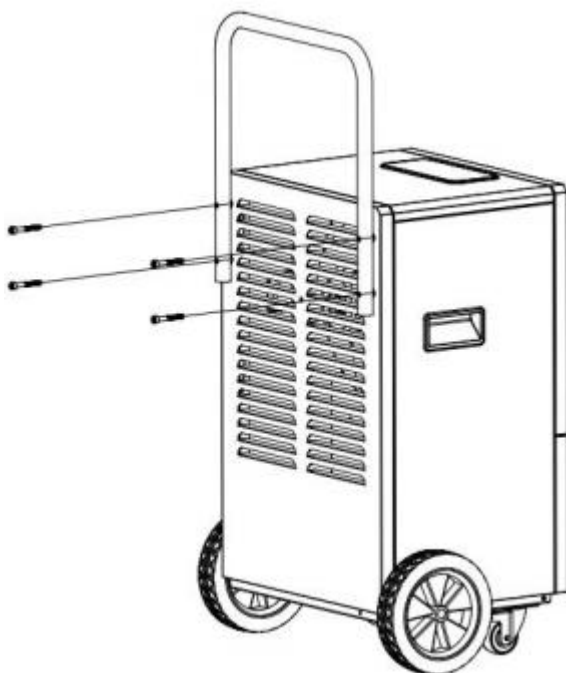
# Installation of filter screen

- Insert the filter into the rear shell to purify the air.
- The filter screen can be removed by pulling the arrow in the following figure; On the contrary, insert to the bottom for installation.



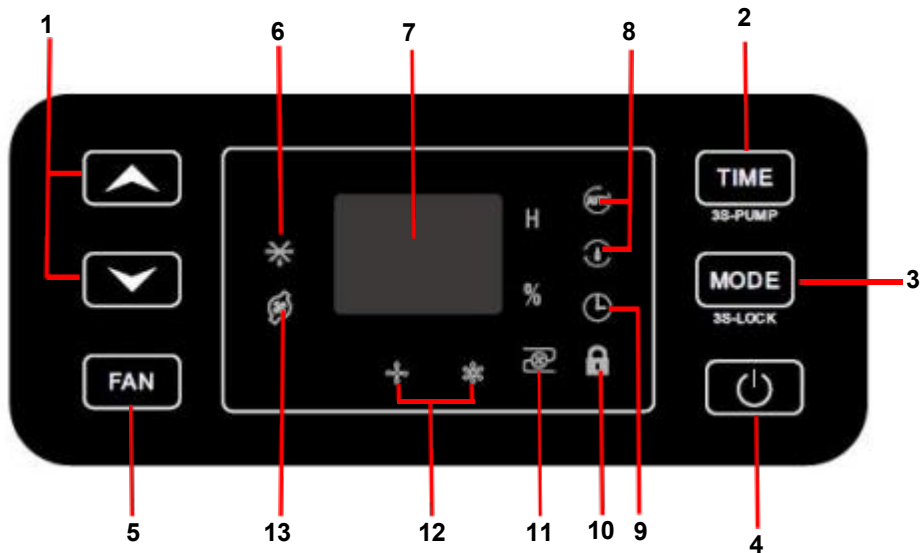
# Handle installation

- Take out the handle from the upper foam box, and then take out four socket head cap screws (ST6 × 45) from the screw bag;
- Fix the handle in the installation position and sequentially insert the four screws into the four holes on the left and right sides. At this point, the installation of the handle is complete.





# Control panel(with water pump)



## Key Description

1. Up/Down keys: In automatic dehumidifier mode, humidity can be adjusted using the up/down keys, with a humidity setting range of 30-80%. The timing time can be adjusted in a timed state;
2. Timing key: Press this key to set the timing function, hold down this key for 3 seconds to start/stop the water pump function.
3. Mode key: In the boot or timed boot state. You can use this button to select automatic dehumidifier and continuous dehumidifier working modes. Press and hold this button for 3 seconds to activate the lock screen function, and press and hold this button again for 3 seconds to cancel the lock screen.
4. Power button: Press once to turn on, then press again to turn off;
5. Wind speed key: Press this key to convert the wind speed from low wind to high wind.

## **Display pattern**

**6. Defrost pattern: Defrost status display;**

**7. Digital display area: Display ambient humidity in standby and working states, set humidity in set state, timed time in timed state, and FL in water state.**

**8. Pattern: The bottom side is a continuous dehumidifier pattern, select the continuous dehumidifier mode to display this pattern; The upper side is an automatic dehumidifier pattern, select the automatic dehumidifier mode to display this pattern;**

**9. Timed pattern: When the machine is set to turn on or off at a fixed time, the timed pattern is displayed;**

**10. Child lock pattern: This pattern is displayed when the lock screen function is activated;**

**11. Abnormal drainage pattern: Abnormal drainage display of the drainage pump;**

**12. Wind speed pattern: The left side is a low wind pattern, select low wind to display this pattern; On the right is a high wind pattern, select high wind to display this pattern;**

**13. Water pump pattern: This pattern is displayed when the water pump is started.**

# Operation

## YGH Series Function Description

### Setting for timed shutdown

- When the machine is in operation, press the [Timer] key to enter the timer state. Use the timer key to adjust the time from 0 hours to 24 hours. Each press will increase the set time by 1 hour. After 24 hours, the number will return to 0 and start the cycle. You can also keep holding down the timer key to increase the time and cycle forward. When the set time expires, the machine will automatically shut down. After setting, if the timer key does not take any action within 5 seconds, it indicates confirmation of the timing time.

### Settings for timed startup

- In the standby mode of the machine, press the [Timer] key to enter the timer mode. The method of adjusting the required timer time through the timer key is the same as timing shutdown. After setting, if the [Timer] key does not take any action within 5 seconds, it indicates confirmation of the timer time.

### Automatic dehumidifier mode

- Automatic dehumidifier, select this option. If the room humidity is greater than the set humidity+5%, the compressor will start and the fan will run at the set wind speed. If the room humidity is less than the set humidity -5%, the compressor will stop and the fan will stop running. If the room humidity is between the set humidity+5% and the set humidity -5%, the entire machine will operate in its original operating state, with an initial set humidity value of 50%.
- Attention: For the R290 refrigerant model, if the room humidity is less than the set humidity of -5%, the compressor will stop and the fan will run at the set wind speed.

### Continuous dehumidifier mode

- Continuous dehumidifier mode, select this option,

regardless of the relative humidity in the room, the compressor will start, the fan will default to high-speed operation, and the wind speed can be adjusted.

### **Child lock**

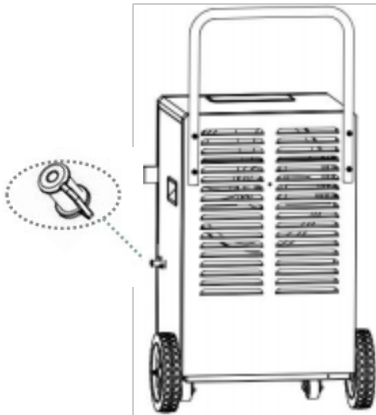
- Long press the mode button for 3 seconds to activate or deactivate the lock screen function. (After the lock screen function is activated, all buttons on the operation panel become invalid)

# Drainage

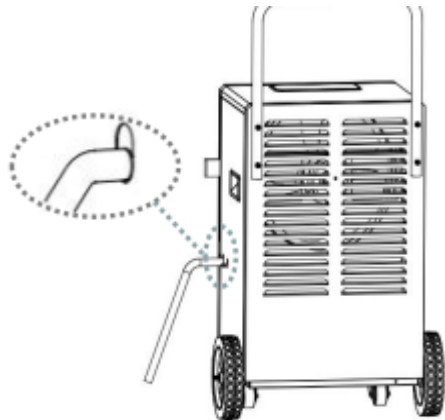
## Continuous drainage

This machine is equipped with continuous drainage. A drainage pipe (with an inner diameter of 12mm) is connected to the side of the machine for drainage. The following diagram shows the steps for connecting the continuous drainage pipe:

- Find the location of the drainage outlet on the left panel, Pull out the water plug



- Connect the drainage pipe with an inner diameter of 12mm to the drainage outlet



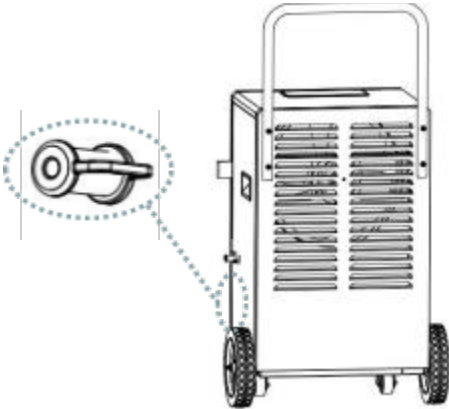
The following diagram is a schematic diagram of the continuous drainage pipe connection method:

Attention: Before starting the machine, make sure to remove the water plug and connect the drainage pipe to the continuous drainage outlet. The height of the end of the water pipe must be more than 10cm lower than the height of the drainage outlet on the body, and the water pipe should be kept smooth, otherwise it may not be able to drain properly.

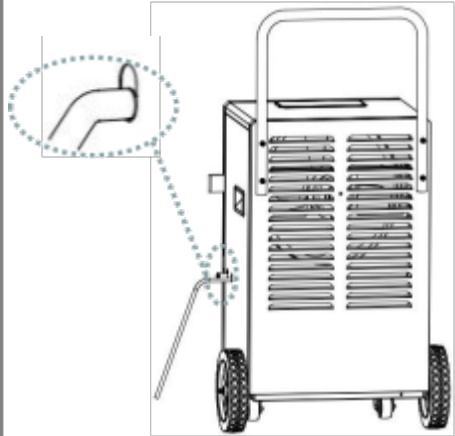


## pump drainage (optional)

- Check if the continuous drain plug is inserted and ensure that the plug is inserted properly



- Insert a water pipe with an inner diameter of 5mm into the water pump outlet (can be connected at any angle)



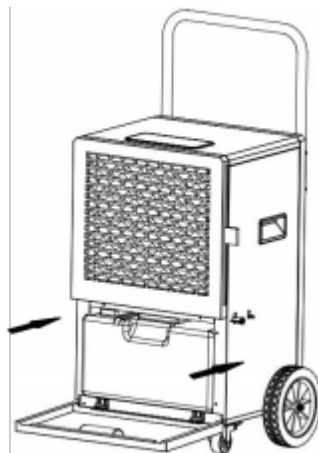
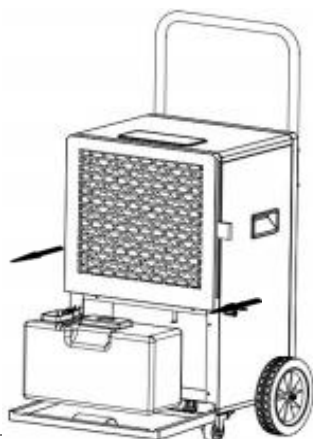
## ! Attention

- Before starting the machine, block the continuous drainage port with a water plug and connect the water pipe to the water pump drainage port to avoid wetting the floor.
- Reminder: Before using a continuous drainage machine with a water pump, it is necessary to remove the water blocking plug and connect the drainage pipe to the continuous drainage outlet.

## The use of water tanks (optional)

When the water tank is filled with water, the full water icon on the control panel flashes (the entire machine will stop running), and the BUZZER beeps ten times to remind the user until the water is poured out.

- Open the water tank compartment cover to expose the water tank
- Place both hands on the protrusions on the side of the water tank and gently remove the water tank.
- Pour water out of the convex hole on the side of the water tank.
- Gently place the water tank back in the correct position.
- Close the water tank cover and then restart the dehumidifier.



**Attention:** When the water tank is full, please empty it. Before putting the water tank into the machine, please confirm whether the float rotates flexibly, and then use both hands to push it into place.



# Troubleshooting

If the dehumidifier encounters the following problems, the following methods can be used to solve them.

condition	Possible cause	solution
Dehumidifier not running	Is the power plug disconnected?	Insert the power plug into the socket.
	Low or high ambient temperature?	It is recommended to use in an environment of 5-32 °C.
Dehumidifier function not working	Is the temperature or humidity in the room too low?	In the dry season, the dehumidifier capacity will decrease.
	Are the air outlets and air inlets obstructed?	Clean up the items blocking the air outlet and inlet.
Not windy	Is the air filter blocked?	Clean the air filter according to the above method.
Abnormal noise during operation	Is it improperly placed, causing the machine to tilt or become unstable.	Please place the dehumidifier in a stable place for use.
	Is the air filter blocked?	Clean the air filter according to the above method.
	There is a wheezing sound	The sound of refrigerant flow is a normal phenomenon
There is water leaking out	Loose connection of drainage pipes	Connect the drainage pipe properly
	Drainage system obstructed	Clear blockages in physical water pipes
Frosting phenomenon	The ambient temperature is low and in a state of waiting for defrosting	It is a normal functional phenomenon, and this machine has an automatic defrosting function
Water pump malfunction light flashing (with water pump function)	The water pump outlet pipe is blocked	Check if the drainage pipe of the water pump is smooth
	Water pump damaged	Replace the water pump

## Display Code Description:

Display Code	Description
E1	Abnormal detection of coil sensor
E2	Abnormal detection of room temperature sensor
P1	The entire machine is in a defrosting state, which is a normal phenomenon
CL	The whole machine is in a dry state inside the machine, which is a normal phenomenon
LC	The whole machine is in the lock screen function activation state
E6	Fluorine deficiency protection, stop compressor
FL	The machine is in a water full alarm state

## Fusible link parameters

Voltage:250VAC

Current;3