

INDUSTRIAL DEHUMIDIFIER

Specification

Model	HL-90D	HL-138D	HL-150D	HL-168D	HL-720D	HL-960D
Power	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
voltage	1.65KW	1.85 KW	2.0KW	3.6KW	20KW	22.4KW
capacity	90L/D	138L/D	150L/D	168 L/D	720L/D	960L/D
temperauter	5-35°C	5-35°C	5-35°C	5-35°C	5-35°C	5-35°C
weight	42.7 kg	49kg	50 kg	100kg	400kg	600kg
Dimension(mm)	480*425*960	480*400*1050	480*400*1070	670*510*1650	1940*580*1650	2100*850*1650

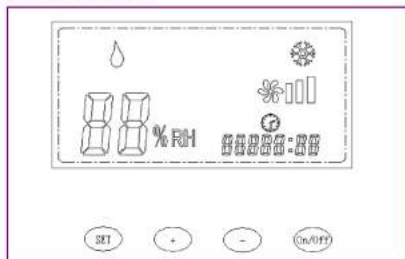
Packing list

Dehumidifier	1
User manual	1

User Manual



Control Board and Instruction



Display	Display description
Dehumidification	Power-on state: Compressor on with fixed display, compressor off with flashing display; Power-off state: No display;
Defrosting	Power on state: 1. Compressor on with "dehumidification" fixedly display, and the water droplet is dynamically display; 2. Compressor off with "Dehumidification" flashing display, the water droplet pattern is off; Power off state: The "Dehumidification" and the water drop pattern are off;
Fan speed	Power on state: dynamic display; Power off state: off;
88% RH	1. Under normal state: display humidity; 2. Setting the humidity: The flashing shows the humidity setting value; 3. Setting the timing: The flashing shows the time setting value; 4. Temperature inquiry: The flashing shows temperature value; 5. Alarms: the fault code is displayed every 30 seconds;
Timing	1. Display the cumulative running time of the dehumidifier; 2. Display the timed startup or timed shutdown time;

Button	Button operation instructions
1. Single-button operation instructions	
On/Off	Each On/Off you press will switch the power on and off
+	Adjust different settings in different states: 1. Humidity setting value increasing (range 30%-95%); 2. Timing(hour) set value increasing (range 00--23h); 3. Fan speed setting;
-	Adjust different settings in different states: 1. Humidity setting value reducing (range 30%-95%); 2. Timing (hour) setting value
Set	1. Each press for the setting button, and cycle as follows Set Humidity----Set Timed On/Off Time----Set Fan Speed----Exit 2. Press and hold for 10 seconds to enter the defrosting time setting. P1 = Compressor running time, P2 = defrosting time;
2. Composite function button operation instructions	
+ & -	Press 2 seconds to enter the ambient temperature query status;
+ & - & Fan	Press and hold for 10 seconds to enter the data reset state: 1. Press the "+" button to adjust the password to ten digits, and press the "-" button to adjust the password single digits; 2 Press and hold the "Fan speed" button for 10 seconds. If it matches the default password, the data will be cleared.

Drainage Way

Protection function

1、Automatic defrost protection

Defrosting,the compressor stopped running,fan running,defrost lights

2、Compressor start delay protection

After 3 minutes,Compressor start again.

3、Indicator function of malfunction

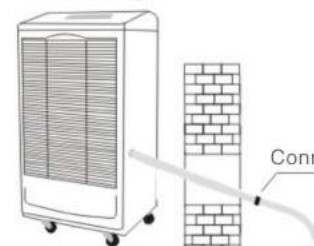
When the temperature sensor abnormal,the display will cycle shows error code E1,troubleshooting,the return to normal

When the humidity sensor abnormal,the display will cycle shows error code E2 troubleshooting,the return to normal

When the low-pressure sensor abnormality,the display will cycle shows error code E3,troubleshooting,the return to normal

You should connect 1.5M external drainage,if drainage tube is not enough long,please make same external diameter of the drain as the original and use the sealing tape interfaces stuck.

Easy damage



Correct



Wrong

2、If drainage water,do not whole tube put into bucket,it should be cut excessive tube, and put it on the water is edge.



Correct



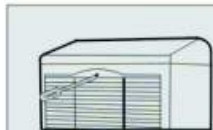
Wrong

Generally maintain



Machine: clean gently with soft cloth. please use a little rigid and a little wet cloth to clean when the machine is very dirty. Or use the soft dilute clothe to wash and wipe, and not to use the chemical such as the volatile oil to wash or wipe. Otherwise, the machine may be distorted.

Once maintain in two weeks



Draw down the snail in the handles, and hold tight the handles and pull toward front, and can immediately dismantle the front panel, and then take out the percolation net from the front panel inside.



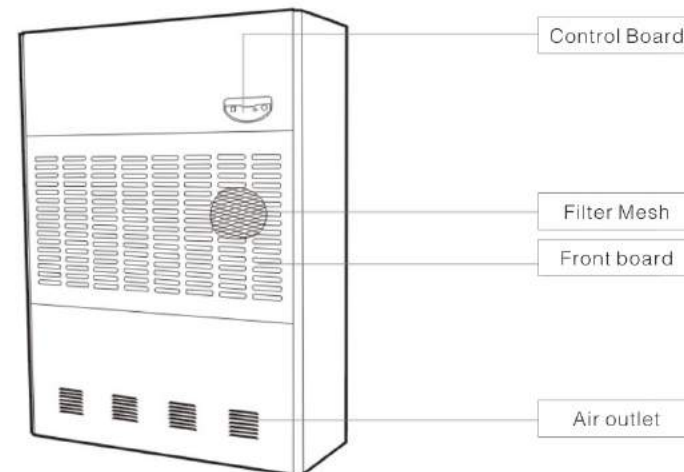
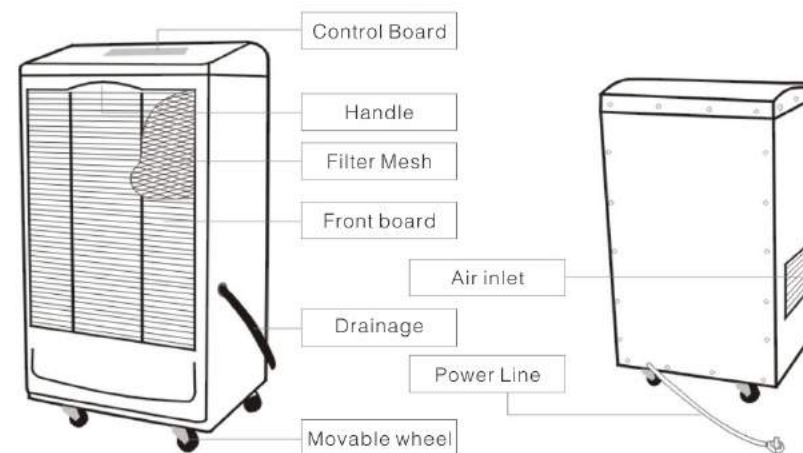
To clean the dust using the vacuum or clear water, or to clap it away lightly.

Unused for a long time



Attention

- Pull out the power supply plug, and collect the power cord properly, and place it in the dry place.
- Please not keep the machine with the horizontal type, otherwise, it will cause the machine broken down or the voice unusually.
- While maintaining, please stop the machine, unplug the machine, do not use wet hands to pull the plug.
- Do not use corrosive gas please
- Use more units in the same environment, maybe show different



Instruction

Note :

- To use on flat and firm ground, please do not put the body out of outlet items, so as not to impede ventilation,dehumidification effect influence.
- Prohibited in flammable,explosive,chemical,clothing fas,dust environments,the machine should be kept around at least the air circulation space 100cm.
- Do not place the unit near the heat source to use,so as not to increase in power consumption.
- This machine is suitable temperature range is 0-35 centigrade,higher than 35centigrade,the compressor has over heat protection function, the compressor will stop working automatically.It will effect the service life of the machine if long time under this temperature.also when it is below 5 centigrade, the humidity is very low, if not must, it is better not use the machine.
- If you need to place the machine near wall, please make sure there has at least 0.5m distance during the wall and the air inlet, more than 1m during the wall and the air outlet, otherwise, it will effect the dehumidify capacity or cause the fault of the machine.
- When moving or place the machine, please do not more than 45degrees angle.
- Please put the drainage hose when draining.
- At low temperatures,the machine has deforsting function. Because after deforsting, the water will ice at the water outlet,Please turn off the machine timely until the ice melting throughly. Then turn on the machine to avoid the water overflow to interior.
- The filter needs to be cleaned timely.when using the machine in too dusty environment, it is better to have isolation.
- Do not plug or unplug the machine instead of switch ON/OFF.
- Do not use the broken power cord or change the power cord.
- Do not put your finger or sticks in the air outlet.
- Do not change the structure or electric control of the machine.

Common Fault

Please turn off power immediately when it failure,then check problem.

Fault	Reason	Solution
Un-operation	NO Power Plug problem Low Voltage Circulationg is too small High system temperautre Humidity Controlled	Check power Put plug well Normal Voltage Change power line Change motor Key Automatic return
Ventilator run	Capacitance failure	Change Capacitor
Compress or not run	Heavy compressor Lekage fire pump Faulty strong E-board Defrosting	Trouble shooting Contact sales Change strong E-board Finish defrosting
Ventilator not run	Failurefan or Capacitance Broken fan or Capacitance Broken strong E-board	Change Capacitance Change Fan Change strong E-board
Un-automatic Defrosting	Sensor broken Less Capacitance Leakage Refrigerant	Change sensor Change Capacitance Contact Sales

If you still not solve problem except above phenomenon,please contact manufacturer.