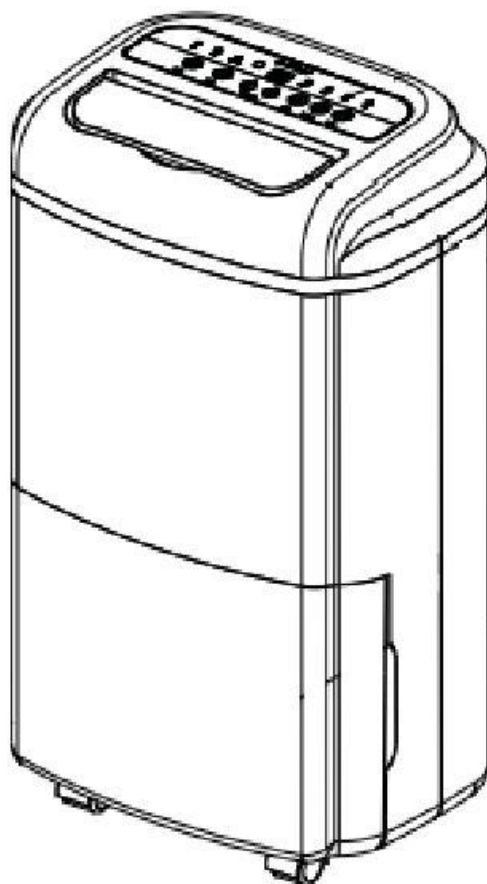


DEHUMIDIFIER USER MANUAL

MODEL DH-530C



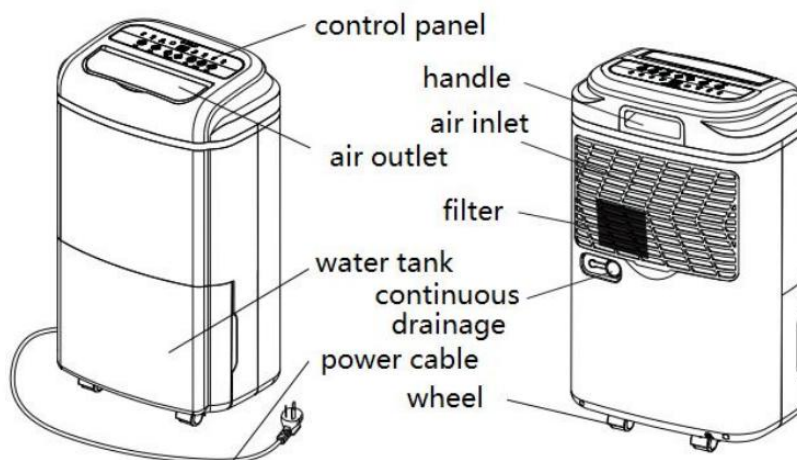
Dear Customer — thank you for selecting this dehumidifier for your home and family. This manual explains the proper use and maintenance of the unit; please take a few minutes to read it and become familiar with its performance. Please keep this manual for further reference.

The dehumidifier removes excess moisture from the air, creating a comfortable environment for your home and office. Its compact design lets you easily move it from room to room.

SAFETY INFORMATION

- Carefully read the instruction manual and pay attention to the following safety instructions. Keep the manual for future reference.
- Check that the mains voltage matches the label on the device.
- Do not pull the mains plug to unplug the device from the socket.
- The socket must be earthed and appropriately secured. Only use an earthed standard socket with a 220–240 V AC connection.
- The unit must not be covered when in use. Do not place clothes or other objects on it, and only use it on sturdy, even ground.
- Repairs must be carried out by qualified experts with appropriate knowledge of the product.
- Do not use an adapter, additional connections or connecting plugs to connect the device to the electricity supply.
- Do not place the device close to heat sources such as radiators or radiant heaters.
- Do not expose the product to direct sunlight or bad weather such as wind, storm or rain.
- Do not use the product close to chemicals and acids, which might damage the collection container or the whole device.
- Unplug the device if it is not used for a longer period or when you want to clean it.
- Make sure not to damage or run over cables when moving the device.
- If using permanent drainage, ensure the hose is not bent and water can flow through unhindered. Do not use permanent drainage when temperatures are very low and the water could freeze.
- Protect the device from splashing water. Unplug it if problems such as a smell of burning occur while using it.
- Make sure that the unit, mains plug and socket are not dusty.
- This appliance is intended for use by expert or trained users in shops, light industry and on farms, or for commercial use by lay persons.
- Position the product at least 30 cm from the wall on the back and at least 50 cm on the side away from the wall.
- 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 supervised or instructed by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person to avoid a hazard.
- If the humidity of the working environment is less than 30%, use of the dehumidifier is not recommended.

PARTS LIST



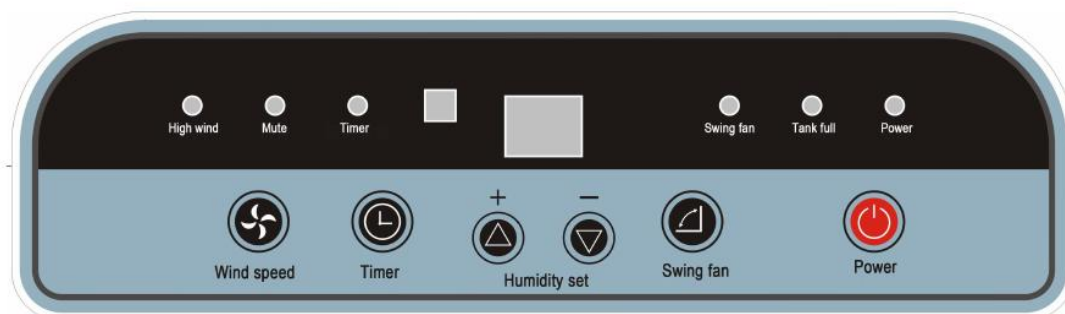
Parts list — front and rear views.

Front of unit: control panel, air outlet, water tank and power cable. Rear of unit: handle, air inlet, filter, continuous drainage outlet and wheels.

TECHNICAL INFORMATION

Specification	DH-530C
Dehumidify capacity	30 litre/day (30 °C, RH 80%)
Refrigerant	R134a / 190 g
Voltage	220 V / 50 Hz
Rated power	280 W
Max. power	520 W
Rated current	1.3 A
Max. current	1.6 A
Net weight	13 kg
Humidity control	10% – 90% RH
Water tank	5 litre
Material	ABS
Applied temperature	5 – 32 °C
Applied area	20 – 50 sqm
Drainage method	Tank or direct drainage
Dimensions	370 × 250 × 630 mm

KEYS AND DISPLAY SYMBOLS



Control panel — keys and indicator lights.

The control panel provides the following keys: Wind Speed, Timer, Humidity Set (+ / -), Swing Fan and Power. Indicator lights include High Wind, Mute, Timer, Swing Fan, Tank Full and Power, along with a digital display screen.

Function of Lights

Tank Full light: Displays red when the water tank is full. Clean the tank and make sure it is placed back in the correct position.

Power light: When connected to electricity, the Power light stays on if the compressor is working and flashes if the compressor is not working.

Humidity Set light: On when you set the humidity.

Low Wind light: On when the wind speed is set to low.

High Wind light: On when the wind speed is set to high.

Timer light: On when the timer is set.

Digital display screen: Shows the indoor humidity when connected to power, and the value you set when setting the humidity.

Function of Keys

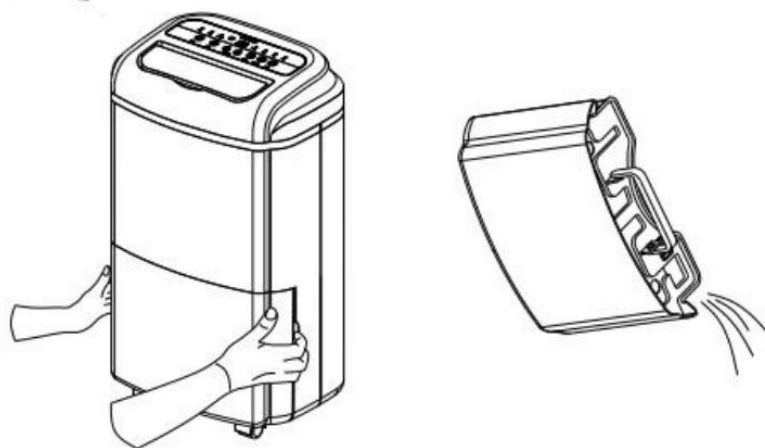
Power key: Press to start the machine; press again to stop it.

Up / Down keys: After pressing Power, press the Set key so the humidity light flashes and the display turns on, then use Up or Down to set the humidity you need. Pressing the Wind Speed key makes the high- or low-wind light flash; use Up or Down to switch between low and high wind.

WATER TANK AND DRAINAGE

Water Tank Full Operation

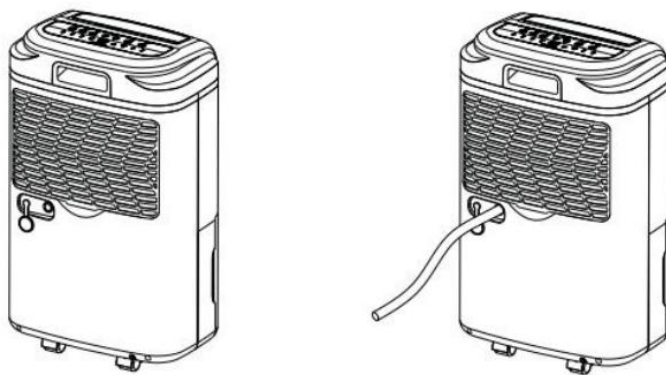
When the water tank is full, the machine stops running and the Tank Full light comes on to remind you to empty the tank.



Removing and emptying the water tank.

How to Use Permanent Drainage

1. Take out the cork from the back water outlet and fit it to the water outlet under the drip plate.
2. Connect the 9 mm hose to the back water outlet.
3. Lay the drainage hose smoothly — do not bend it, and it must not be higher than the water outlet.

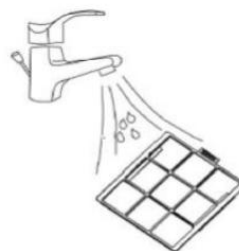
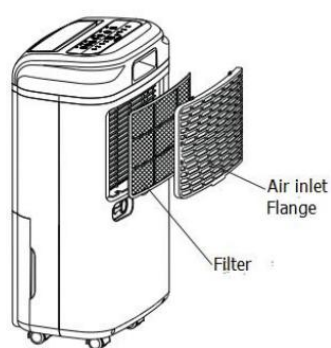


Permanent drainage — connect the 9 mm hose to the rear outlet.

ATTENTIONS

- If any trouble code appears during operation, power off the machine immediately and send it to the after-sales service centre.
- Running the machine for more than 24 hours continuously shortens its service life. We suggest stopping the machine for 2 hours after every 10 hours of running. If you must run it for 24 hours continuously, keep one person to take care of it.

- A filter full of dust affects performance and may cause faults, so clean the filter regularly — at least once a month, or once a week if the air is very dusty. Vacuum the dust first, then brush the filter in warm water and air-dry it before refitting it in its original place.



Use vacuum cleaner to clean the dusty in the filter, If the filter is very dirty, brush it under warm water please.
After air-dry the filter, put it back the the original place.

Removing and cleaning the filter.

IMPORTANT INSTRUCTIONS

- The compressor turns itself on three minutes after the unit is switched on.
- The ideal working temperature is from about +5 °C up to about +32 °C.
- During defrosting the cooling fan works normally but the compressor switches itself off.
- Clean the filter about once a month, carefully, with clear warm water.
- Leave a safe distance between the wall and the air inlet and outlet.
- Unplug the device and attach the mains plug to the product if it is not in use over a longer period.
- 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 supervised or instructed by a person responsible for their safety. Children should be supervised to ensure they do not play with it.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person to avoid a hazard.

ERROR MESSAGES

If an error occurs, the display shows the corresponding code.

Code	Reason	Solution
E1	Coil sensor failure	Changes to defrosting by timer.
E2	Moisture sensor error	Changes to continuous dehumidify mode.
E3	Temperature sensor error	Room temperature is too high.
E4	System error	Refrigerant leak or pipeline blockage.
E5	Room temperature too high	Lower the room temperature; the unit restarts automatically.

ERROR ANALYSIS

Problem	Cause	Solution
Unit does not work	No power; mains plug not plugged in properly; display shows error code E4.	Turn on the power supply and connect the mains plug properly.
Poor dehumidification	Filter is dirty; air inlet or outlet is covered; room is not closed, with low moisture and temperature.	Clean the filter; uncover the air inlet and outlet; close all doors and windows. The lower the room temperature, the poorer the performance.
High noise level	Device is not on even ground; air inlet or outlet is covered.	Position the device on even ground and uncover the air inlet and outlet.

HANDLING AND DISPOSAL

Note 1: Do not tilt the device more than 45°, either when moving or when operating.

Note 2: If the device was tilted by accident, do not use it for a period of 12 hours.

Period of Processing (Disposal)



1. Waste electrical products should not be disposed of with household waste.
2. Please recycle where facilities exist.
3. Check with your local authority or local store for recycling advice.