

Rohinson[®]

INSTRUCTION MANUAL

Dehumidifier R-9530



R290







Please keep this manual carefully for further reference!

Thank you for selecting our dehumidifier. Be sure to read this manual carefully before using it. Any questions, please contact the professional service for help.

1. BEFORE YOU BEGIN

Please read the operating instructions carefully before using your dehumidifier for the first time.

SYMBOLS FROM THE UNIT AND USER MANUAL

 warning	This unit uses a flammable refrigerant. If refrigerant leaks and comes in contact with fire or heating part, it will create harmful gas and there is risk of fire.
	Read the USER MANUAL carefully before operation.
	Further information is available in the USER MANUAL, SERVICE MANUAL, and the like.
	Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.

INTRODUCTION

- Before using your new dehumidifier, please carefully read through the following instructions. Keep this booklet in a safe place for your reference.
- After removing the packaging, make sure that the appliance is in good condition.
- Do not allow children to play with the packaging materials as there is risk of suffocation.

2. FOR YOUR SAFETY

Please read the operating instructions carefully before using your dehumidifier for the first time and keep them in a safe place.

1. Never immerse the appliance in water or other liquids.
2. Place the unit on a stable flat surface to avoid loud noises and vibrations.
3. Never operate the appliance if a cable or connector has been damaged, after appliance malfunction or if the appliance was dropped or otherwise damaged.
4. The appliance may only be repaired by qualified personnel, improper repair work can be a source of considerable danger for the users.
5. Pull out the power plug before transporting it and/or before cleaning.
6. Operate the appliance only at the voltage specified on the rating label.
7. The device may not be connected to a power strip with other household appliances.
8. Use the appliance only in the household and only for the purpose it was developed for.
9. Do not operate this unit near heating appliances and flammable or dangerous objects.
10. If the dehumidifier is operated in a room with gas driven devices, the room must be aired regularly and often.
11. Please use the function of the internal drying if the device is not used for a long time. This will prevent formation of mildew and unpleasant smell inside the unit.
12. Do not place heavy objects on the appliance.
13. Do not hang curtains or wet clothes in front of the air outlet, this will overload the device.
14. The drainage hose may not be installed outdoors at low temperatures.
15. To prevent spillage, empty the water tank before relocating the appliance.
16. Do not tip the appliance to any side as escaping water could damage the appliance.
17. If the supply cord is damaged, it must be replaced by a qualified person to avoid a hazard.
18. If you smell the smoke during start-up or if you can see the smoke, immediately disconnect the power plug, and contact your dealer.
19. The unit should be installed with a minimum distance of 50 cm from the wall or other obstacles.

WARNING

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater. Do not pierce or burn. Be aware that refrigerants may not contain an odor. The maximum refrigerant charge amount: 10 g. When the machine malfunctions, do not repair it yourself. Please contact a professional organization or a professional trained maintenance personnel or a service organization recommended by the supplier for repair!



This appliance can be used by children aged 8 years and above and people with reduced physical, sensory, and mental capabilities or lack of experience and knowledge if they have been given supervision instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and maintenance shall not to be made by children without supervision.

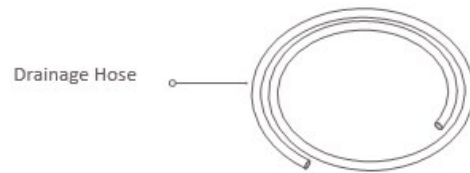
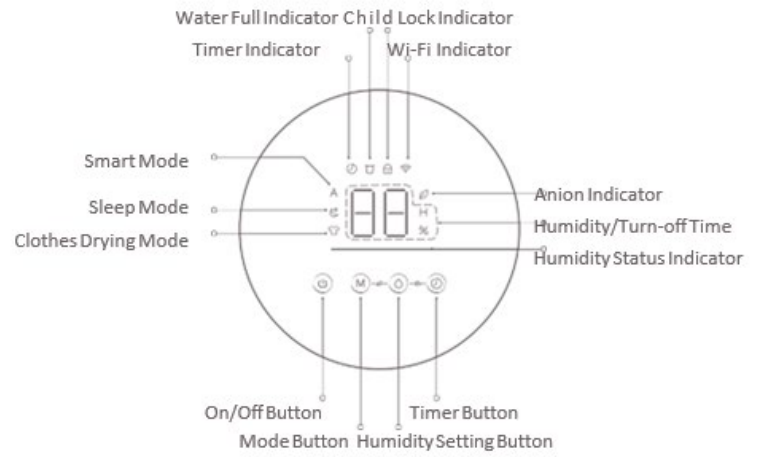
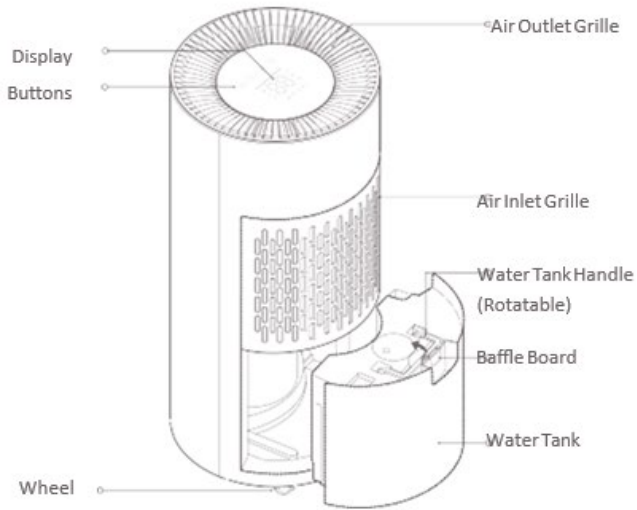
SERVICE & REPAIR

1. For service or repair under warranty, please contact the authorized service company that is mentioned on the guaranteed card that accompanies the product.
2. Do not operate any product with a damaged cord or plug. Do not attempt to dismantle any part of the appliance. This should only be done at an authorized service center.
3. The partial or total non-respect of the safety instructions in the present instruction manual will automatically release of any type of responsibility in case of malfunction of the machine or injuries to persons or animals.
4. In case of manipulation, repairing or any modification of the machine made by unqualified persons or in case of improper use, the guarantee will be automatically cancelled.



3. PRODUCT OVERVIEW

FRONT & PANEL VIEW



4. INSTALLATION

LOCATION

1. Place the unit on a firm, level surface in an area with at least 30cm of free space around it to allow for proper air circulation.
2. Never install the unit where it could be subject to:
 - Heat sources such as radiators, heat registers, stoves, or other products that produce heat.
 - In an area where oil or water may be splashed
 - Direct sunlight
 - Mechanical vibration or shock
 - Excessive dust
 - Lack of ventilation, such as cabinet or bookcase



WARNING

Install the unit in rooms which exceed 4 m².

Do not install the unit in a place where inflammable gas may leak.




NOTE

The manufacture may provide other suitable example or may provide additional information about the refrigerant odor.

5. OPERATION


CONTROL PANEL

On/Off Button

Press the button  to turn the dehumidifier on or off.

Note: The device, when switched off, may run for a short time to dry out the internal piping and compressor.

The dehumidifier produces a large amount of water and if it does not dry well, bacteria or mold can be produced. This function is very important, because it extends the life of the device.

You can press the button  during drying to turn it off manually. This function can be disabled in the app. It is recommended not to stop this function.

Mode Button

When the dehumidifier is on, press the button  to cycle through three modes of smart, sleep, and clothes drying.



Smart mode: The dehumidifier will automatically adjust its settings and fan speed based on the room's humidity level and the expected humidity that you set.


Sleep mode: The dehumidifier will start and stop automatically at a low fan speed based on the room's humidity level and the expected humidity that you set.

Clothes drying mode: The dehumidifier will run continuously at a high speed, delivering powerful dehumidifying performance. In this mode, the humidity cannot be set. For optimal drying effect, it is recommended to spin-dry the clothes first and then continue to dry clothes by using this mode in an enclosed room.

Note:

The dehumidifier is running very low noise, so the differences in noise level among the three modes are not obvious. This is normal.

Humidity Setting Button



When the dehumidifier is on, press the button  to cycle through humidity settings: 40% → 45% → 50% → 55% → 60% → 65% → 70%.



Timer Button

When the dehumidifier is on, press the button  to cycle through the turn-off times: 0 → 1 → 2 → 3 → 4 hours. Once the desired turn-off






time is selected with no operation for 5 seconds; the timer will automatically be set, and the icon will appear on the display.

Anion Function


Press and hold the button  and  simultaneously for 3 seconds to enable the Anion function.

Once it is enabled, the display will show the icon. Press and hold the button  and  for 3 seconds again to disable the anion function.

Enabling/Disabling the Child Lock

Press and hold the buttons  and  simultaneously for 3 seconds to enable the child lock. Once it is enabled, the display will show the icon  and the dehumidifier will not respond to button operations. Press and hold the buttons  and  for 7 seconds again to disable the child lock.

Water Full Alert

When the dehumidifier is running, if the water tank gets too full or is not correctly installed, the dehumidifier will beep 5 times as an alert, and the water full indicator  will continuously blink (on for 0.5 seconds and off for 0.5 seconds). All buttons except for the on/off button cannot function. Once the water level in the tank returns to normal or the water tank is secured properly in place, the alert will stop, and the water full indicator will go out. The water full indicator will continuously blink.

Humidity Status Indicator

Orange: Dry, relative humidity <40%

Cyan: Comfortable, 40%≤relative humidity ≤ 70%.

Blue: Humid, relative humidity > 70%.

Auto-defrost Function

When the dehumidifier is working, it will automatically enable the defrost function if it has a layer of frost. The compressor will stop operating and the fan will continue to run until the defrosting is complete. When the defrosting is in process, the indicator will blink slowly. Once the defrosting is finished, the indicator will remain on and the dehumidifier will resume running normally.

Note:



The factors that influence the process are: the ambient temperature, the compressor temperature, and the duration of operation of the device.

This procedure takes a maximum of 8 minutes.

Drying Function

Once the dehumidifier has been turned off, the fan will continue to run at the speed of the sleep mode for 40 minutes to speed up the water evaporation inside the dehumidifier. Drying can help reduce the possibility of bacteria buildup in a humid environment. Since the humidity sensor may be affected by residual water vapor inside the dehumidifier and when the dehumidifier is turned off, drying can also ensure that the humidity value detected by the sensor is not higher than the actual humidity. It is recommended to enable this function.

Resetting Wi-Fi

Press and hold the buttons  and  simultaneously for 7 seconds to reset the Wi-Fi connection.

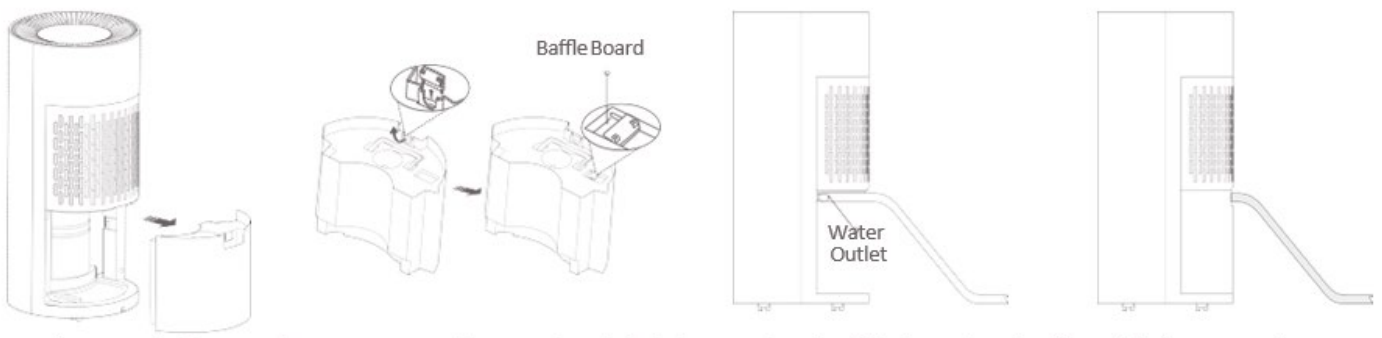
DRAINAGE

There are two ways of removal collected water produced by the unit.

- A. Manual draining: Empty water tank by manual.
- B. Continuous draining: Use gravity to drain condensate water by attaching a drain hose.

CONTINUOUS WATER DRAINAGE

- Pull the water tank out horizontally from the opening at the top of the water tank.
 - Remove the baffle board from the water tank and secure it onto the cover so the board does not get lost.
 - Connect the drainage hose to the water outlet.
 - Reinstall the water tank and connect the other end of the drainage hose to the drainage.
- Then the dehumidifier can drain water automatically.



Maintenance Precautions

Before cleaning, make sure to disconnect the dehumidifier from power to avoid electric shocks. Do not rinse or submerge the dehumidifier in liquid. Do not drip any water into the dehumidifier. Do not use any volatile liquids (e.g., thinner and gasoline) to wipe the dehumidifier, as this may damage its appearance. Use a soft dry cloth and a wet cloth with neutral detergent to clean the dehumidifier's shell.

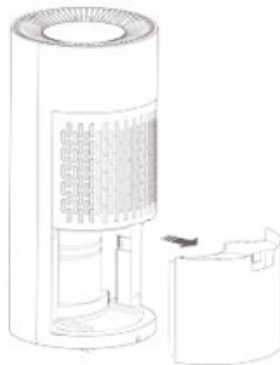
Clean the filter regularly to avoid the dehumidifier's performance being reduced by the buildup of dust. If the dehumidifier is used in a dusty environment, cleaning should be carried out more frequently. After removing the filter, do not touch the finned parts inside the dehumidifier with your fingers to avoid cutting yourself.

Cleaning the dehumidifier

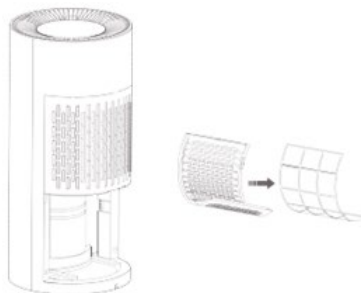
Soak a cloth in water below 45°C, then wring it out and use it to gently wipe over the dirty area.

Cleaning the Filter

1. Pull the water tank out horizontally from the opening at the top of the water tank.



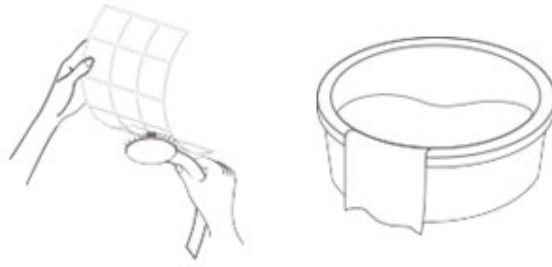
2. Remove the air inlet grille, and then remove the inner air filter.



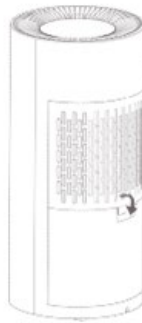
3. Rinse the filter and the air inlet grille with water or use a vacuum cleaner to clean them. If the filter is particularly dirty (such as with oil stains), you should use warm water

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(below 45°C) with neutral detergent to clean it, and then dry it in a cool place.



4. Reinstall the fully dried filter, the air inlet grille, and the water tank.



Cleaning the Water Tank

1. Pull the water tank out horizontally from the opening at the top of the water tank.
2. Lift the handle of the water tank and rotate it about 60° until the indicator line on the handle is horizontal. Slightly apply force on the handle in the direction shown by the arrows. Take the left and right shafts of the handle out one at a time to remove the handle.



3. Remove the cover of the water tank from the spout on the top right corner of the water tank.



4. Clean the water tank and fully dry it. Then catch the cover and the handle to the water tank and reinstall the water tank.



When Not Use for a Long Time

Let the dehumidifier sit for two days after making it enter standby mode and unplugging it. Clean the dehumidifier, the water tank, and the filter.

Coil up the power cord and secure it with a cable tie.

It is recommended to store the dehumidifier in packaging.

Store the dehumidifier upright in a dry and well-ventilated place.

7.TROUBLE SHOOTING

BEFORE CALLING FOR SERVICE

Before contacting professional service, please review the trouble shooting list that includes common occurrences that are not the result of a defect in workmanship or materials.

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ISSUE	CAUSE & SOLUTION
<p>The dehumidifier suddenly shakes when it turns on, enters standby mode, or operates.</p>	<p>This is caused by the start or stop of the compressor, which is normal.</p>
<p>The dehumidifier does not work well.</p>	<p>It is recommended to use the dehumidifier indoors at a temperature from 5°C to 35°C. Check whether the humidity is set appropriately.</p> <p>Check whether the air inlet or the air outlet is dirty or blocked and clean them in time. Check whether the doors and windows are open. It is recommended to close the doors and windows and turn off other ventilation equipment when the dehumidifier is operating.</p>
<p>The dehumidifier cannot work.</p>	<p>Check whether there is a power failure.</p> <p>Check whether the power plug has become loose.</p> <p>Check whether the water tank is full or has been installed incorrectly. Check whether the timer function is being used.</p>
<p>The dehumidifier leaks water.</p>	<p>Check whether the drainage hose has become loose. Check whether the drainage system is blocked.</p>
<p>The dehumidifier makes unusual sounds when running.</p>	<p>Check whether the dehumidifier is on a flat surface. Check whether the filter is blocked.</p> <p>Check whether the refrigerant makes sound when the compressor is turned on.</p>
<p>Black stains appear in the water tank.</p>	<p>The black stains are caused by the air dust and the materials attached to the surfaces of the evaporator and condenser. They flow into the water tank with the condensate water. This is normal.</p>

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	Directly wipe them with a paper towel. The black stains will decrease with continued use.
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Common Error Codes

CODE	DISCRIPTION	SOLUTION
C2	Fan error	Turn the dehumidifier off for 5 minutes and then turn it on again. If the error code appears multiple times, please contact the after-sales service team for help.
C3	Communication error between display and motherboard	Disconnect the dehumidifier from the electrical outlet then reconnect it to the electrical outlet. If the issue persists, please contact the after-sales service team for help.
E1/E3/E4	Pipe temperature sensor error	Turn the dehumidifier off for 5 minutes and then turn it on again. If the error code appears multiple times, please contact the after-sales service team for help.
E9	Humidity sensor error	Turn the dehumidifier off for 5 minutes and then turn it on again. If the error code appears multiple times, please contact the after-sales service team for help.
H0	Over-exhaust protection	Turn the dehumidifier off for 5 minutes and then turn it on again. If the error code appears multiple times, please contact the after-sales service team for help.
H1	Overload protection	Check whether the dehumidifier's air inlet or air outlet is blocked. Turn the dehumidifier on again, and if the error code appears multiple times, please contact the after-sales service team for help.

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H6	Fluoride deficiency protection	<p>Turn the dehumidifier off for 5 minutes and then turn it on again.</p> <p>If the error code appears multiple times, please contact the after-sales service team for help.</p>
H8	Overheating protection	<p>Make sure the dehumidifier is working between 5°C and 40°C. If the error code still appears, please contact the after-sales service team for help.</p>
H9	Dumping protection	<p>If the machine is in the tipping state, please turn off the power and upright the machine, stand upright for 12 hours and then power on again.</p>
L4/L5	Compressor module protection	<p>Turn the dehumidifier off for 5 minutes and then turn it on again. If the error code appears multiple times, please contact the after-sales service team for help.</p>

Specifications

The high-temp dehumidification capacity is measured at a room temperature of 30°C with 80% RH. The results may vary due to the actual operating conditions.

The dehumidifier's operating temperature range is from 5°C to 40°C. If the indoor temperature is out of this range, the dehumidifier may not be able to work.

If the specifications change, the details on the dehumidifier's nameplate shall prevail without notice.

8. DECOMMISSIONING

STORAGE

Long-term storage - If you will not be using the unit for an extended period (more than a few weeks) it is best to clean the unit and dry it out completely. **Please store the unit per the following steps:**

1. Press power button to switch off and unplug the unit.
2. Drain the remaining water from the unit.
3. Clean the filter and let the filter dry completely in a shaded area.
4. Collect the power cord at the water tank.
5. Re-install the filter at its position.
6. The unit must be kept in upright position when in storage.
7. Preserving the machine in ventilating, dry, non- corrosive gas and safe place indoor.

9. DISPOSAL



IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health, deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.