

# ***Rohinson***®

## **R-91216**

### **DEHUMIDIFIER**



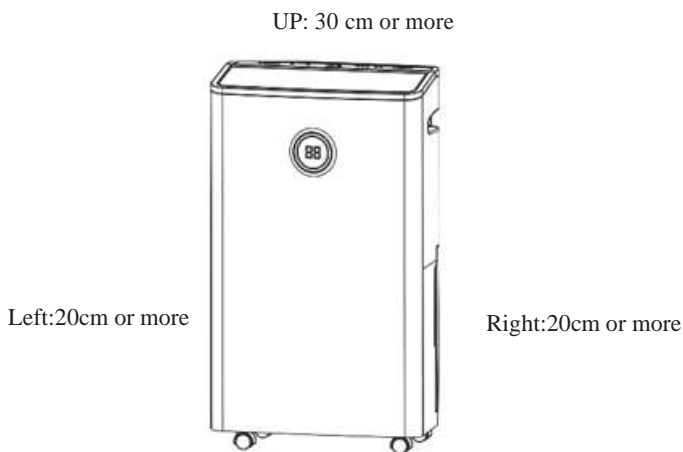
## Instruction Manual

Thank you for choosing our product.

For proper operation, please read and keep this manual carefully.

## Operation Area

- This dehumidifier is intended for indoor residential applications only. It should not be used for commercial or industrial applications.
- Place the dehumidifier on a smooth and level floor.
- A dehumidifier operating indoors will have no effect in drying an adjacent enclosed area, such as a closet.
- Place the dehumidifier in an area where the temperature will not below 5°C or above 32°C.
- Allow at least 20-30 cm of air space on all sides of the unit.
- Close all doors, windows and other outside openings of the room to improve the working effect.
- Please keep the air inlet/outlet clean and not blocked.
- Do not use a dehumidifier in a bathroom.
- Avoid direct sunlight.



### Notes:

The dehumidifier has rollers to aid placement. Do not attempt to roll the dehumidifier on carpet or over objects. Otherwise, water may spill out from the bucket or the dehumidifier may get stuck by the objects.

# Safety Precautions

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Before operation, please check the power cord if it complies with the requirement indicated on the nameplate.
- Before cleaning, please turn it off and unplug the dehumidifier.
- Make sure the power cord is not pressed by any hard object.
- Do not remove the power plug or move unit by pulling the power cord.
- Do not use any heating application near the dehumidifier.
- Do not remove the power plug in wet hands.
- Please use grounded power cord and make sure it's well connected and not damaged.
- Children and disabled people are not allowed to use the dehumidifier without supervision.
- Children shall not play with the appliance.
- Keep children from playing or climbing on the dehumidifier.
- Do not place the dehumidifier under dripping objects.
- Memory function is included in this dehumidifier. When nobody is taking care of the unit, please turn it off and remove the power plug or disconnect power.
- Do not repair or disassemble the unit by yourself.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Cleaning and user maintenance shall not be made by children without supervision.
- If abnormal condition occurs (e.g. burned smell), please disconnect power at once and then contact local dealer.
- Dehumidifier can not be disposed of everywhere. If you want to get rid of this dehumidifier, please check with local handling disposal or information service center about what to do.

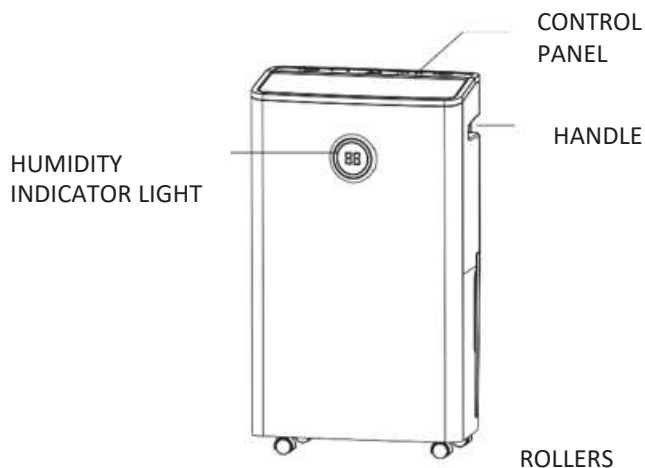


## WARNING

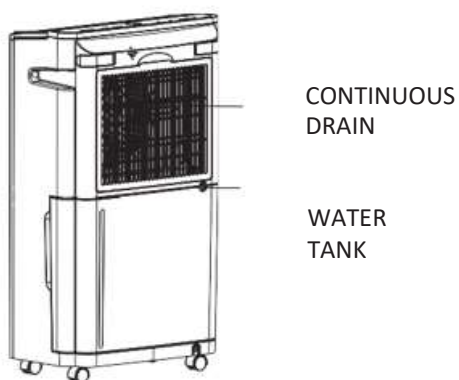
Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater. Do not pierce or burn. Be aware that refrigerants may not contain an odour. The maximum refrigerant charge amount: 55 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!

## Parts Name

### Front Side



### Back Side



## Check Before Operation

Before operation, please first check whether float is properly placed.

Below are the checking steps:

1. Hold the handles on both sides of the water bucket and pull it out following the arrow direction.



2. Check whether float in the water bucket is properly placed. It might have been moved a little after long-time transportation. If it's not placed properly, move it to the correct position by hand. Please remove the handle and check it.

# Operation Method



## Indicator Lights

Full of water	Air clean	Defrost	strong dehumidifying
TIMER	swinging	Normal dehumidifying	Low wind
Sleep	Child lock	Continuous dehumidifying	High wind
Dry clothes			

## Notes:

- Water bucket must be correctly installed for the dehumidifier to operate.
- Do not remove the bucket while unit is in operation.
- If you want to use drain hose to drain water away, please install the hose according to section "Drainage method".
- Each time pressing the effective button on the control panel will give out a "beep" sound.

## Basic Functions of the Buttons

### Power Button or Stand by

Press this button to turn on/off dehumidifier.

### Humidity Settings

Set humidity, set the range of 30%-80%

In normal mode, press left or right arrows to set humidity level

### Sleep Mode

Press the Sleep button to turn on the sleep function, while the machine is still working in any mode. All lights are off except sleep light/water full light/ child lock light. Press any key in sleep mode to perform functions and wake up

### Air Cleaner

If you choose the compressor stop to work and the unit work as air purifier only

### Auto Swing button

Press Auto Swing button and the corresponding indicator will light up. The louver will start to swing automatically.

### Child Lock

Long press Auto Swing button and Air clean button

Again long press 5 second to unlock

### Fan Speed Button

Pressing this button can set fan speed circularly as: High, Low.

Corresponding indicator will be on for each fan speed.

### Timer Button

Press this button to set Timer On or Timer Off (Timing range 01~24h).

- Set Timer Off:

When unit is on, press this button and the Timer Indicator will be blink.

Timer will increase each time you press the button by 01 to 24 h.

When time is set, wait for 5s or press this button to turn this function on.

- Cancel Timer Off:

Under the condition that this function is turned on, press the button TIMER until the timer screen 00 h

- Set Timer On:

When unit is off, press this button and the Timer Indicator will be blink.

Timer will increase each time you press the button by 01 to 24 h.

When time is set, wait for 5s or press this button to turn this function on.

- Cancel Timer On:

Under the condition that this function is turned on, press the button TIMER until the timer screen 00 h

- Timing range: 01~24 hours.

### Dehumidify Mode Button

Press this button to select different kinds of working mode. After each pressing of this button, mode will switch among the below options

- Normal
- Automatic
- Strong

- Normal

You can set the target humidity 30% - 80 % and set the speed fan as you wish.

- Automatic

In this option the unit works without any set of humidity but the fan speed is in LOW speed automatically. In this option you cannot set the humidity the unit works continuously.

- Strong

The default target humidity level is 30%. The appliance constantly works with the dehumidifying function until ambient humidity reaches 30%. The fan will operate at high speed and cannot be adjusted.

### **Dry Cloths button**

In this option the unit works appropriate in order to dry your cloths the fan speed set in HIGH speed automatically. In this option you cannot set the humidity the unit works.

## **Other Instructions**

### **1. Alarm Warning**

If bucket is full or not locked into place, buzzer will go off for 20s to remind you to empty bucket or put it back into the correct place.

### **2. Auto Stop**

When bucket is full, removed or not placed correctly or the humidity is 5% lower than the set humidity, unit will automatically stop.

### **3. Memory Function**

If power is lost, all of the control settings are remembered. So when power is restored, the unit will start back up in the settings it was in when power was lost.

### **4. Full of water light**

This indicates that bucket is full or removed or not placed correctly.

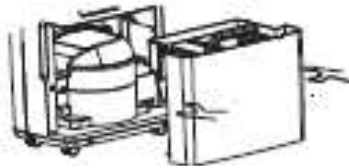


# Drainage Option

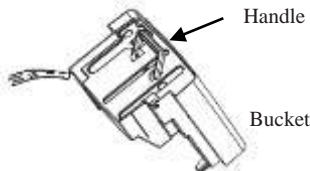
## Option 1 Emptying Manually

Notes:

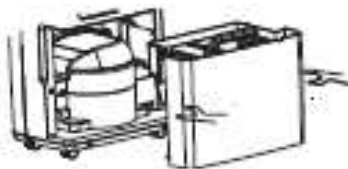
- Do not remove the bucket when unit is in operation or has just stopped. Otherwise it may cause some water to drip on the floor.
  - Do not use the hose if using water bucket to collect water. When the hose is connected, water will be drained out through it instead of into the bucket.
1. Hold the handles on both sides of the water bucket and pull it out following the arrow direction. (Attention: Pull out the bucket carefully in case the water may spill out from the bucket and onto the floor.)



2. Empty the bucket by grasping the handle on the top of bucket with one hand and grasping the bottom of bucket with the other hand.



3. Replace bucket in the dehumidifier according to the arrow direction.



## Option 2 Gravity Drain Hose

1. Hose is provided, so user shall prepare it in advance.  
[Size: The hose thread should have an outer diameter of 10 mm and length 1 meter ]
2. Remove bucket from the unit as instructed.
3. Thread the drain hose onto the nozzle and make sure it's securely locked.
4. Replace the bucket. Make sure the drain hose goes through the bucket's drain hole and is placed downward. Lead the hose to the floor drain and then cover the hole with a lid. Note that drain hose should not be pressed, otherwise water can not be drained out.

**Note:** When you want to take off the drain hose, prepare a receptacle to collect water from the nozzle.

### **Set an air clean filter to a dehumidifier**

#### **Notes:**

The time life of the ionic and carbon filter is based on the environmental air, normally it replaces after 1 year If it is dirty, clean up dust or debris with a brush and out it in the sunshine..

## Clean and Maintenance

### Warning:

- Before cleaning, turn off the dehumidifier and disconnect power. Otherwise it may lead to electric shock.
- Do not wash the dehumidifier with water, or it may lead to electric shock.
- Do not use volatile liquid(such as thinner or gasoline) to clean dehumidifier. Otherwise it will damage unit's appearance.

#### 1. Grille and Case

To clean the case:

When there is dust on the case, use soft towel to dust it off; When the case is very dirty(greasy), use mild detergent to clean it.

To clean the grille:Use a dust catcher or brush.

#### 2. Water Bucket

Every few weeks, clean the bucket to prevent growth of mold, mildew and bacteria. Use soft brush to clean the bucket and then rinse it.

### Warning:

- Do not operate the dehumidifier without a filter.

Otherwise the evaporator will catch dust and affect unit's performance.

- Do not dry the air filter with fire or electric hair dryer. Otherwise the air filter may be unshaped or caught on fire.
- Don't use dust catcher or brush to clean the air filter. Otherwise the air filter may be destroyed

### Check Before Use-season

- Check whether air outlet is blocked.
- Check whether power plug and power socket are in good condition.
- Check whether air filter is clean.
- Check whether drain hose is damaged.

### Long-time Storage

If you won't use the dehumidifier for a long time, we suggest that you follow the steps below in order to maintain the unit in good condition.

- Make sure the bucket is clear of water and drain hose is removed.
- Unplug the dehumidifier and pack the power cord.
- Clean the unit and wrap it well to prevent the gathering of dust.

## Troubleshooting

- Not all the following problems are malfunctions.

Problem	Possible Causes
Dehumidifier is not operating. Controls can not be set.	<ul style="list-style-type: none"> <li>● Unit is operating in an area where temperature is higher than 32°C or lower than 5°C.</li> <li>● Bucket is full.</li> </ul>
Noise suddenly rises during operation.	<ul style="list-style-type: none"> <li>● Power Noise will supplyrise problem.if compressor has just started.</li> <li>● Unit is placed on uneven floor.</li> </ul>
Humidity does not drop.	<ul style="list-style-type: none"> <li>● Area to be dehumidified is too large. The capacity of your dehumidifier may not be adequate.</li> <li>● Doors are open.</li> <li>● There might be some device producing vapor in the room.</li> </ul>
Little or no effect in dehumidifyng	<ul style="list-style-type: none"> <li>● Room temperature is too low.</li> <li>● Humidity level may be improperly set.</li> <li>● If unit is operating in a room where temperature is from 5 to 15 °C, it will start to defrost automatically. Compressor will stop for a brief period of time(fan will operate in high fan speed). When unit finishes defrosting, it will be back to normal operation.</li> </ul>
When first operated, the air emitted has musty-odor.	<ul style="list-style-type: none"> <li>● Due to temperature rising of heat exchanger, the air may have some strange smell at the beginning.</li> </ul>
Unit has noises.	<ul style="list-style-type: none"> <li>● There might be some noise if unit is operating on wooden floor.</li> </ul>
Swooshing sound is heard. ●	Normal. This is the sound of the flow of refrigerant.

- Problem of Water Leakage.

Problem	Possible Causes	Solution
When using drain hose, there is water in the bucket.	● Examine the drainage joint.	● Connect the drainage joint well.
	● Drain hose is not correctly installed.	● Clear the obstacle from the drain hose.
	● Drain hose is not correctly installed.	● Remove the drain hose and replace it. Be sure that the hose is correctly installed.

## ● Dehumidifier does not start.

Problem	Possible Causes	Solution
Bucket full indicator is lit up.	<ul style="list-style-type: none"> <li>● Bucket is not properly placed.</li> <li>● Water is full in the bucket.</li> </ul>	<ul style="list-style-type: none"> <li>● Empty the bucket and replace it.</li> </ul>
Unit can function normally but it can not start up.	<ul style="list-style-type: none"> <li>● Bucket has been removed.</li> <li>● Humidity is set too high.</li> </ul>	<ul style="list-style-type: none"> <li>● If you want the air drier, press - button to lower the for unit to dehumidify continuously.</li> </ul>
Unit's Malfunction Codes Display Code "E2"	---	Units Condition Temperature and Humidifier Sensor is damaged

### Defrost procedure

Please note if the ROOM temperature is less than 24°C, the unit will start defrost function!

≥24°C: no defrost

18-23°C 2hours dehumidify then 5minute defrost, cycle;

12-18°C: 25minute dehumidify then 5minute defrost, cycle;

5-12°C: 8minute dehumidify then 3minute defrost, cycle; 5-12°C

≤5°C: unit protection, compressor of, fan of. All operation mode cannot be activated except air circulation mode.

## ● Dehumidifier does not dry air as intended.

Bad dehumidifying performance	<ul style="list-style-type: none"> <li>● Check whether there is any obstacle around the unit.</li> </ul>	<ul style="list-style-type: none"> <li>● Make sure there is no curtain, shutter or furniture that blocks the dehumidifier.</li> </ul>
	<ul style="list-style-type: none"> <li>● Air filter is dusty and blocked.</li> </ul>	<ul style="list-style-type: none"> <li>● Clean the filter.</li> </ul>
	<ul style="list-style-type: none"> <li>● Doors and windows are left open.</li> </ul>	<ul style="list-style-type: none"> <li>● Make sure all doors and windows and other opening to the outside have been closed.</li> </ul>
	<ul style="list-style-type: none"> <li>● Room temperature is too low.</li> </ul>	<ul style="list-style-type: none"> <li>● Warm temperature is good for dehumidification. Low temperature will reduce unit's working effect. This unit should be working in a place where temperature is above 5°C.</li> </ul>



**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.