

ROVSUN RTW-165 Refrigerated Bakery Display Case Countertop



# ROVSUN RTW-165 Refrigerated Bakery Display Case Countertop Instruction Manual

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# ROVSUN

**ROVSUN RTW-165 Refrigerated Bakery Display Case Countertop**



Thank you for choosing and purchasing our product Please carefully read the operation Instructions before use for a correct application and satisfactory effect.

#### **Note**

1. The electric circuit diagram and parameters on the product nameplate are the final ones if they have been changed.
2. The design might be improved without notice.

#### **WARNING**

Refrigerant is facility burning of R290, please protect against fire.

#### **Meaning of crossed-out wheeled dustbin**

- Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
- Contact your local government for information regarding the collection systems available.
- If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
- When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least free of charge.

#### **Major Parameters**

Model	RTW-125L	
Coolant and injection quantity(g)	R134a(100)	R290(55)
Kind of weather	4	
Refrigeration temperature( °C)(°F)	0-12 (32-53.6)	
Electric shock protection class	I	
Rated voltage(V~)	110-120	
Rated Frequency(Hz)	60	
Rated Current (A)	3	
Lamp Power(W)	2(LED)	
Total effective volume(L)	125	
Net weight(kg)	54	
Overall dimension (mm) (LxWxH)	702x568x686	

Model	RTW-165L	RTW-205L
Coolant and injection quantity(g)	R134a(140)/R290(69)	R290(75)
Kind of weather	4	4
Refrigeration temperature( °C)(°F)	0-12 (32-53.6)	0-12 (32-53.6)
Electric shock protection class	I	I
Rated voltage(V~)	110-120	110-120
Rated Frequency(Hz)	60	60
Rated Current (A)	3	3.5
Lamp Power(W)	2(LED)	2(LED)
Total effective volume(L)	165	200
Net weight(kg)	66	90
Overall dimension (mm) (LxWxH)	880x568x686	1219x568x686

Model	RTW-256L	
Coolant and injection quantity(g)	R290(90)	
Kind of weather	4	
Refrigeration temperature( °C)(°F)	0-12 (32-53.6)	
Electric shock protection class	I	
Rated voltage(V~)	110-120	
Rated Frequency(Hz)	60	
Rated Current (A)	5	
Lamp Power(W)	2(LED)	
Total effective volume(L)	256	
Net weight(kg)	112	
Overall dimension (mm) (LxWxH)	1524x568x686	

## General

1. Top brand fully enclosed compressor is used on the desktop refrigerator. The refrigerant R290 or R134a is an environmentally friendly agent.
2. It features a rational configuration of a refrigeration system with blower-forced air cooling.
3. The temperature is quite even inside the refrigerator.
4. Double hollow transparent glasses are used on the door and body. It features an artistic

and elegant appearance, perfect perspective and ease of access.

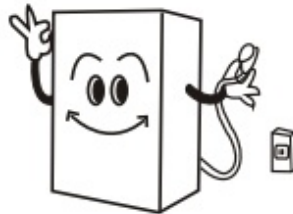
5. It has a wide application in department stores and houses as well as the meeting room and sitting room.

## Structure and Parts



## Handle and Erection

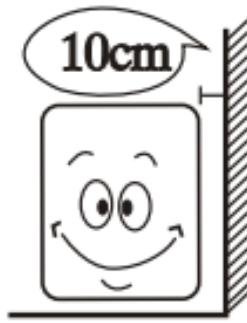
- Handle with care Dry place Unplug the wall socket first. Always locate the refrigerator Never tilt it over 45 degrees during dry place handling.



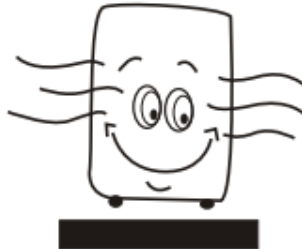
- Sufficient space Well ventilation distance from both sides and Always locate the refrigerator back the refrigerator to the wall or other place with fine ventilation.



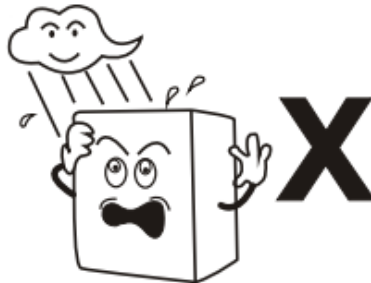
- The substance must be less than 10cm. first-time use, wait for 2 hours after refrigeration capability might handle and then plug the wall decreased if its surround space socket and start it.is too small to circulate air.



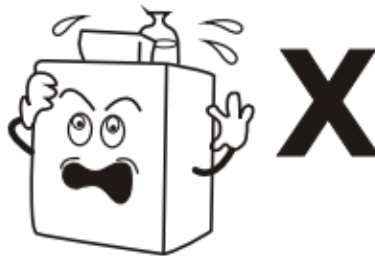
- Far from heat source, No heavy load Never place the refrigerator directly in the sunshine.



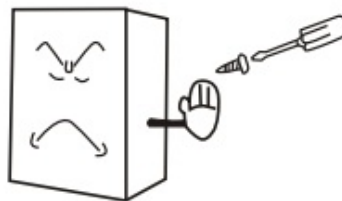
- Never locate it NEVER put any heavy load on the nearby any heat source or heater to the top of the refrigerator. prevent it from reducing refrigeration capability.



- No hole making Stable location never make a hole on the To avoid the unexpected noise refrigerator.

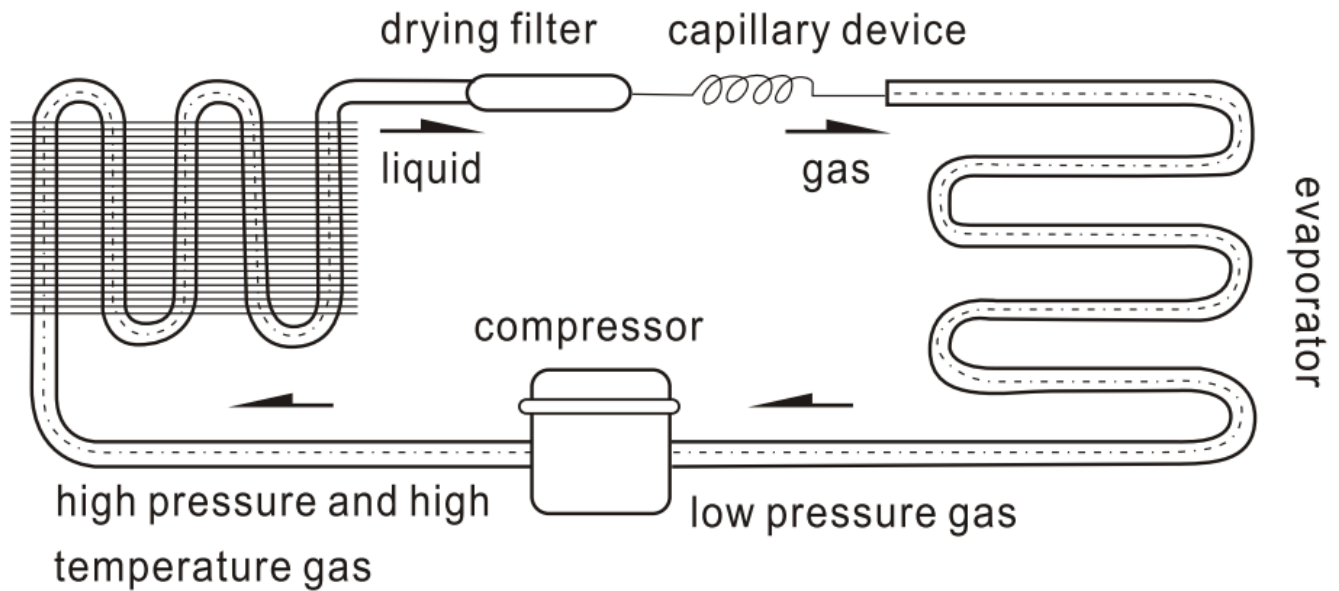


- Never install other and vibration.



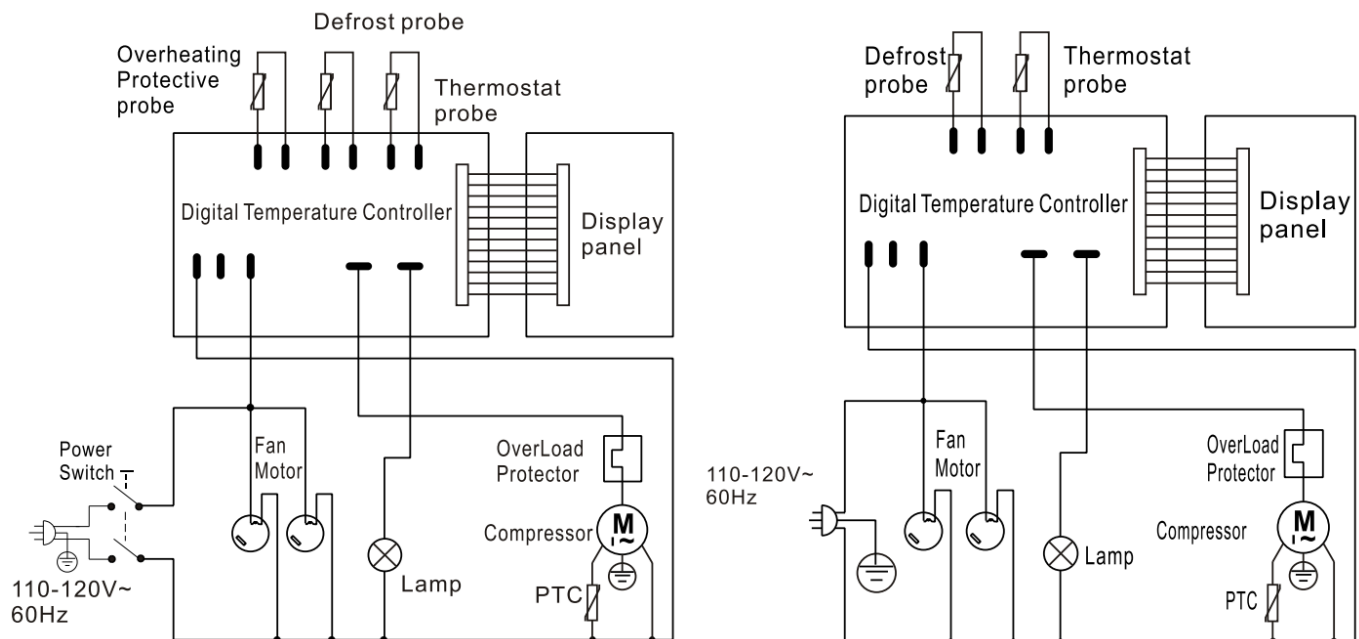
- Unpacking and matter on the refrigerator locate the refrigerator in a flat and solid place.





The principle of compression refrigeration consists of “compression”, “condensation”, “throttling” and “vaporization”. The compression is undertaken by the compressor, the condensation is completed by the condenser, the throttling valve is executed by the capillary and the vaporization is implemented by the evaporator. When the coolant is circulating in the closed refrigeration system, the compressor sucks coolant, which absorbs heat in the evaporator, and the coolant becomes a high-pressure and high-temperature gas. In the condenser, it dissipates heat in the air, while the coolant is re-liquefied and throttled in a capillary and then enters into the evaporator with low pressure. The liquefied coolant quickly boils and turns into gas when the pressure suddenly drops. Meanwhile, it absorbs heat inside the refrigerator. And the compressor sucks the low-pressure and low-temperature gaseous coolant, - It is circulating in this way up to the realization of intended refrigeration.

## Circuit Diagram



## Maintenance

1. Notice | Often keep the refrigerator clean and periodical maintenance is necessary.  
Always unplug the socket before maintenance.

2. Never use a damaged plug or loose socket to prevent electric shock or short circuit.
3. Never flush the refrigerator. Never use alkali detergent, soap, gasoline, acetone or brush.
4. Clean outside |Dip a soft cloth in neutral detergent(tableware detergent)to clean the outside of the refrigerator and then wipe it with a dry soft cloth.
5. Clean the inside rack out for cleaning with water and a soft cloth to wipe the box.
6. Shut down the refrigerator for a long time. Take all food out and unplug the wall socket.
7. Clean the inside and outside of the refrigerator thoroughly and open the door for sufficiently.  
The glass breaks easily.
8. Keep the glass far from children.5. Replacement of lamp in the light boxIf the LED lamp is damaged, it must be re

## Trouble Shooting

Trouble	Cause and Remedy
No refrigeration	Is the plug in socket well? Is the fuse broken? Is there no power?
Unsatisfactory refrigeration	Is it under the sunshine?Is there any heat source nearby? Is the surrounding ventilation bad? Does the door close well?Does door open for a long time? Is the door seal strip deformed or damaged? Is food congested or too much? Does food block the air suction or outlet? Regulate the temperature controller.
Much noise	The refrigerator does not level. The refrigerator contacts wall or other matter. There is loose part in refrigerator.
Contact local service agent for help if simple trouble shooting does not solve the problems.	

The following

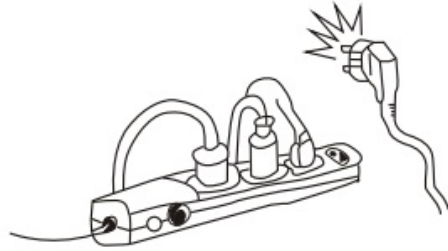
phenomena are not troublesThe murmur of water is heard when the refrigerator is working. It is a normal phenomenon as the coolant is circulating in the system. Inthe wet season, condensation might be found on the outside of the refrigerator. It is not trouble, which is caused by high humidity. Simply use a cloth to wipe it.

## Preparation and Power Supply

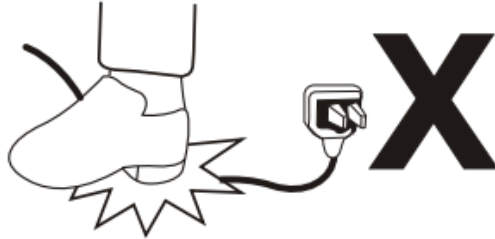
- Exclusive power socket No share on socketNormally, the power supply Never let the refrigerator share should be 110-120V,60Hz common socket with another single phase AC withthe exclusive appliance, otherwise the cable.



- Never give the refrigerator surface otherwise current leakage and fire flush current leakage might be difficult.



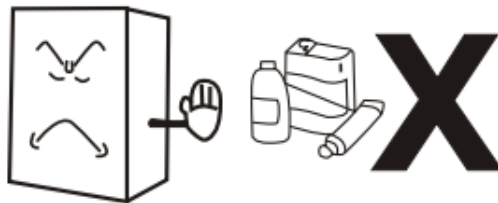
- Prevent from flammables and explosives No spray.



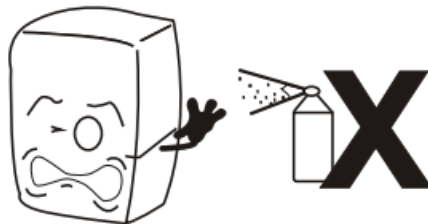
- Never put any flammable or explosive spray the flammables such as paint inside the refrigerator as ether, or coating near the refrigerator not gasoline, or alcohol, receive and allow, otherwise, a fire might result.



- Never put dangerous products near the refrigerator.



- After the power break, No medicine.



- After a power break or unplugging.



- No medicine is allowed to be inside the refrigerator or wait for at least 5 minutes and then you may plug the refrigerator and start it again.



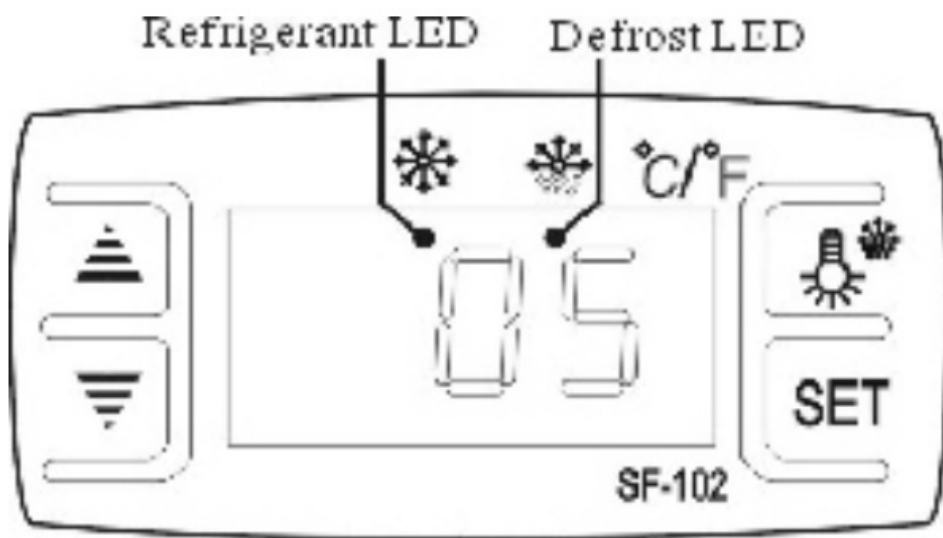


## Use and Caution

### Before use

Plug the refrigerator on 110-120V~ exclusive socket. After the refrigerator runs, put your hand on the air suction to confirm it is sufficiently cold. Then you may put food inside the cold box.

### Digital temperature controller



### Front panel operation


1. Set temperature Press the **SET** button and the set temperature is displayed. Press or the button to modify and store the displayed value.
2. Press the **SET** button to exit the adjustment and display the cold-room temperature.
3. If no more button is pressed within 10 seconds, the cold-room temperature will be displayed.
4. Illumination: Press the button, it lights; Press again, and it stops. Manual start/stop defrost: Press the button and hold for 6 seconds to defrost or stop defrost.
5. Refrigerant LED: During refrigeration, the LED is on; When the cold room temp. is constant, the LED is off; During
6. Defrost LED: during defrosting, the LED is on; When it stops defrosting, the LED is off, During delayed-day display of defrost, the LED flashes.
7. Digital controller reset when the display shows "Disorder", press the "]" button for 2s until the buzzer rings, and quickly press the "]" button for 6s until the buzzer rings again, the display will flash for 3s and restores factory setting

## Cautions

- Shortening the door opening time and reducing the opening frequency is good for keeping a cold temperature inside the refrigerator. Never block the air suction and outlet.
- Keep air circulation and refrigeration capability.  
Do not make food congested as it will influence the cooling effect.  
Adjust the rack height for proper food storage.
- Cool the hot food down to room temperature before you put it into the refrigerator.
- Try to reduce the open times and keep the refrigerator inside cold in case the power is cut off. Only skilled serviceman is allowed to repair the damaged power cable with special tools.
- Never touch the compressor to avoid scald.  
If the supply cord is damaged, it must be replaced by the manufacturer, its service Agenoa r similarly qualified person to avoid a hazard.
- 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 they have been given supervision or instruction concerning the use of the appliance by a person responsible for for their safety. Children should be supervised to ensure that they do not play with the appliance.
- The operation manual is not suitable for persons (including children with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- During normal operation, the emission noise level does not exceed 70dB(A).  
The maximum loading of the Shelf does not exceed 18kg.
- The climatic class of the appliance is 4and, and the Units are suggested to be used at 16°C-32 32°C(60.8°F-89.6 F) ambient temperature.
- To avoid damages or other problems, this product cannot be stored or stored with any corrosive food.  
**WARNING:** Keep ventilation openings, in the appliance enclosure or the built-in structure, clear of obstruction.  
**WARNING:** Do not use mechanical devices of other means to accelerate the defrosting processes, other than those recommended by the manufacturer.  
**WARNING:** Do not damage the refrigerant circuit.  
**WARNING:** Do not use electrical appliances inside the food storage compartments applianceliancece, unless they are of the type recommended by the manufacturer.

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## Documents / Resources

	<a href="#">ROVSUN RTW-165 Refrigerated Bakery Display Case Countertop</a> [pdf] Instruction Manual RTW-165L, RTW-205L, RTW-125, RTW-165 Refrigerated Bakery Display Case Countertop, RTW-165, Refrigerated Bakery Display Case Countertop, Bakery Display Case Countertop, Display Case Countertop, Case Countertop
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## References

- [User Manual](#)

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