DATRON Wine Cabinets
Instruction Manual

Applied Models

RW-138A	RW-138E
RW-138AF	RW-145E
RW-200A	RW-150E
RW-200AF	RW-300E
RW-300A	RW-450E
RW-450AF	RW-750E
RW-750AF	RW-138D
RW-200D	RW-300D

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Dear Customers:

Thank you for choosing our Wine Cabinet, which include friendly,

responsible, considerate and overall high-quality professional customer service. For your safety, and to ensure you are completely satisfied with your new Wine Cabinet, please read carefully the Instruction Manual and follow all the steps. Hopefully our Wine Cabinet will bring you an extraordinary experience.

I.Important Safety Instructions

Please follow these rules while using the Wine Cabinet:

1. Carefully read through the Instruction Manual before installing or using the Wine Cabinet.
2. Make sure the voltage on the tag matches the household voltage, and use a three-hole outlet properly grounded only.
3. Unplug the power cord when the Wine Cabinet is not in use, or when it needs to be cleaned or repaired. Do not touch the power cord with wet hands.
4. Do not unplug the power cord by pulling on the cable, grasp the plug firmly and pull straight out of the outlet.
5. To avoid the risk of injury from electric shock, fire, or other hazards, please do not use accessories that are not designed for this product.
6. The power cord must not drape over tables or counters, or come into contact with hot surfaces.
7. Keep the Wine Cabinet away from excessive heat, at least 2 inches (5cm) away from walls or other furniture to allow proper heat dissipation.
8. Please do not let children play around or on any part of the Wine

Cabinet to avoid tipping the cabinet or getting hurt.

9. The Wine Cabinet must not be started frequently, please wait 5 minutes between each restart.
10. The Wine Cabinet must not be used outdoors.

Warning:

Please be aware of the followings white using the Wine Cabinet:

A. If the power cord is damaged, it must be repaired by the manufacturer or a professional technician.

B. Keep the Wine Cabinet well-ventilated and clean inside and outside.

C. The Instruction Manual must be followed to avoid damage to the Wine Cabinet cased by improper use.

D. Please do not install or use any other appliances in the Wine Cabinet.

II. Getting Started

Please follow these steps to replace and install the Wine Cabinet：

1. Place the Wine Cabinet at least 2 inches(5cm) away from the wall/corner for proper ventilation.
2. Adjust the level of Wine Cabinet to avoid any shaking.
3. Check the power supply frequency and voltage are appropriate for the Wine Cabinet. Make sure e power cord plug matches the power outlet.

4. Plug in the power cord to check if the power is on and the Wine Cabinet is operating normally.

5. The first time you use the Wine Cabinet (or the Wine Cabinet has been turned off for a long time), please leave it at least 2 hours running before storing your wines inside. Adjust the temperature and humidity needed.

Notice:

These are the requirements for installation and placement of Wine Cabinet:

A. Keep away from sources of heat, in an area with good air circulation.

B. Keep away from moisture.

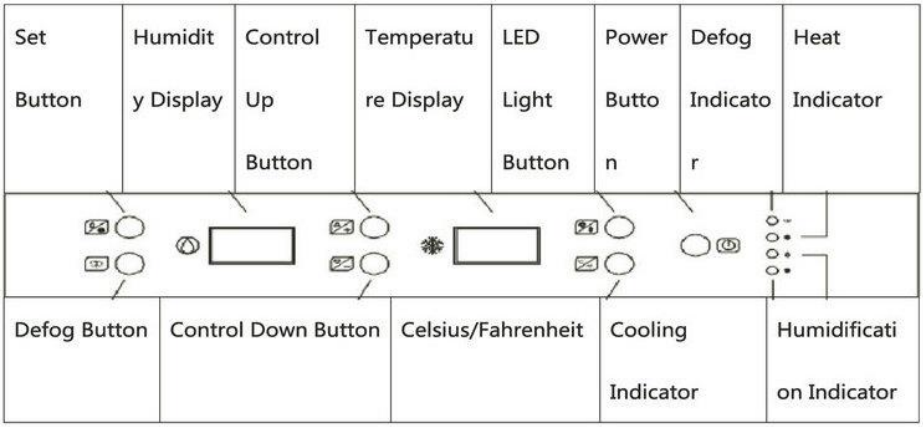
C. Pace on a stable, flat surface.

D. Use an appropriate electric supply, standard outlet, nominal voltage, 10A grounded current.

E. When moving the Wine Cabinet, do not exceed 45° of incline. Remove any items inside the cabinet before.

III. Settings

1. Control Panel Description



2. Power: Press the Power Button to turn on the cabinet. Press it again to turn it off.

3. LED light: Press the LED Light Button to turn on the LED light in the cabinet, Press it again to turn the light off.

4. Temperature Mode: Press the Celsius/Fahrenheit button to switch the Temperature Display in Celsius or Fahrenheit.

5. Defogging: When condensation appears on the outer glass door, press the Defog Button. Press the Defog Button again to turn it off once the condensation has been cleared.

6. Temperature Setting

a. In a standby mode, press the Setting Button, the values on the Temperature Display will flash.

b. Press the Control Up or Control Down buttons to adjust the Temperature needed, then release the button.

c. Press the Setting Button again to save the setting

temperature, or it will be saved automatically after 5 seconds.

d. After saving the temperature setting, the Temperature Display will show the actual temperature inside the cabinet and adjust its temperature accordingly.

e. Temperature Range:5-22℃ （41-71.5℉）

7. Humidity Settings

a. In a standby mode, press the Setting Button Twice, the values on the Humidity Display will flash.

b. Press the Control Up or Control Down buttons to adjust the humidity needed, then release the button.

c. Press the Setting Button again to save the setting humidity, or it will be saved automatically after 5 seconds.

d. After saving the humidity setting, the Humidity Display will show the actual Humidity inside the cabinet and adjust its Humidity accordingly.

e. Humidity Range:56%-78%

8. **System Cooling**: When the cabinet temperature is 2℃ (35.6℉) higher than the setting temperature, the refrigeration compressor will start to work and the Cooling Indicator Light will turn on. When Inside Temperature reaches setting value,

the compressor will stop and the Cooling Indicator Light will turn off.

9. **System Heating**: When the cabinet temperature is 2℃ (35.6°F) lower than the setting value, the heating will start to work and the Heating Indicator Light will turn on. When inside Temperature reaches Setting Value, heating will stop and the Heating Indicator Light will turn off.
10. **System Humidification**: When the cabinet humidity is 2% lower than the setting value, humidification system will start to work and the Humidification Indicator Light will turn on. When the inside humidity reaches to the setting value, humidification will stop and the Humidification Indicator Light will turn off.
11. **System Dehumidification**: When the cabinet is 2% higher than the setting value, dehumidification will start/ When the inside humidity drops to the setting value, the dehumidification will stop.

Notice:

a. The Temperature and Humidity are adjusted in factory, they are ready for use.

b. If consumer finds the humidity is not correctly setting, it can be calibrated as below.

12. **Humidity Test**

a. Fill the water reservoir with distilled water.

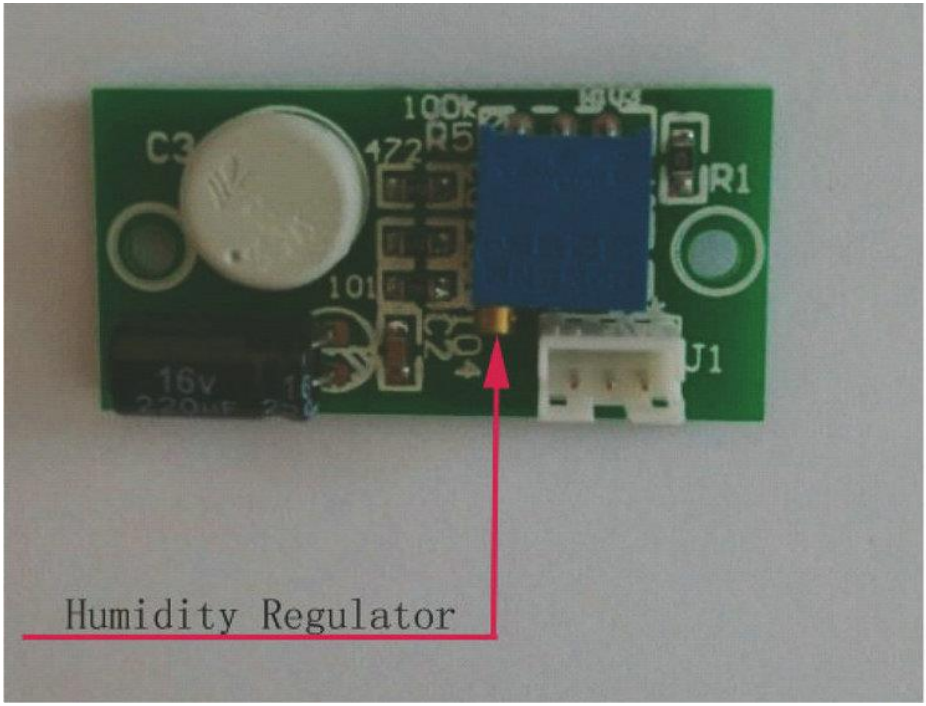
b. Set the Temperature needed for Wines (or Cigars), our suggested temperature: 16°C(61°F), humidity:66%.

c. You can place a 3rd Humidity Gauge in the middle of cabinet.

d. After the Wine/Cigar Cabinet runs for 24 hours, compare the difference with Gauge and Displayed Humidity on the control panel.

13. Humidity Regulator

a. The humidity sensor is on a circuit board in a black square box located underneath the first shelf on the left of inner wall, the humidity calibrator is on the top of humidity sensor as shown:



b. Use a flat-head screwdriver to calibrate the humidity.

c. If the humidity displayed is different from the gauge, calibrate the humidity regulator clockwise to increase the humidity, and counter-clockwise to decrease the humidity.

d. Close the cabinet door for 60 minutes and compare the difference in temperature and humidity between the gauge and the control panel(please note that the difference should be compared when none of the temperature or humidity functions are operating). If there is still a difference, please adjust it again.

IV. Placement and Storage

1. The upper outlet position usually has lower humidity. This is a suitable location to store wines opened.
2. In order to maintain proper air circulation inside the cabinet, the wines must not be placed in front of the ventilation outlet or near the water reservoir.
3. To avoid damage the wine/cigar labels, we suggest using plastic film or some other water-resistant protection to pack the wines or cigars.
4. Wine displayed as this:



Notice:

When store wines in the cabinet, avoid placing bottles tight against the back and top of the wall.

V.Maintenance

1. The condenser coil (the metal mesh behind the cabinet) must be cleaned at least once a year, preferable twice a year. Use a brush, wet cloth or a fan, please do not use water. Unplug the power cord before cleaning it.
2. Clean the liner every one or two months, take the wines/cigars out of the cabinet before cleaning. Use a wet cloth to clean, do not spill water on the shelves when clean the liner.

VI. Troubleshooting

There would be few different problems occur when using the cabinet:

1. No cooling.
   a. Is the power supply in good condition?
   b. Is the power cord fully plugged into the power outlet?
2. The cabinet is noisy or making strange sounds:
   a. Is the cabinet on a firm, flat surface and adjusted correctly?
   b. Are there any loose objects placed on the cabinet that are vibrating?
3. The compressor does not stop running:
   a. Is the condenser (the metal mesh behind the cabinet) cold when

touch it? If so, please contact the dealer.

b. Is the condenser hot? Adjust the temperature to the highest setting value and make sure the Cooling Indicator Light is off, If the condenser is still hot, unplug the power cord and contact the dealer or manufacturer.

4. Poor Refrigeration:

a. Is the temperature setting too high?

b. Is the ambient room temperature too high, or is ventilation blocked?

c. Is the door being opened and closed frequently?

D. Is the door sealing correctly when closed?

Several non-fault conditions may occur when the cabinet is working:

1. Condensation on the surface of cabinet.

If the cabinet placed in a wet environment, or a rainy day, condensation may be formed on the surface of cabinet, especially outside of the glass door. This is caused when moisture in the air near the glass surface cools and condenses. Please use the Defogging Function or dry it with a cloth.

2. The sound of water can heard:

a. When the cabinet functions stop.

b. When refrigerant flows within the cooling system.

c. When refrigerant expands in the evaporator.

3. Condensation at the back wall of the liner:

If the cabinet is placed in a humidity environment, of if the doors are opened for too long, or frequently, condensation will occur on the back

wall of the refrigerator.

VII. Technical Specifications

Model	RW-138 Series	RW-200 Series	RW-300 Series
Temperature Range	5-22℃(41-71℉)	5-22℃(41-71℉)	5-22℃(41-71℉)
Humidity Range	58-78%	58-78%	58-78%
Usage Environment	0-38℃(32-100℉)	0-38℃(32-100℉)	0-38℃(32-100℉)
Voltage Rating	220V~50Hz 110V~60Hz	220V~50Hz 110V~60Hz	220V~50Hz 110V~60Hz
Rated Current	0.8A	0.87A	1.2A
Power Rating	115W	135W	175W
Refrigerant	R134a/45g R600a/25g	R134a/65g R600a/45g	R134a/85g R600a/60g

VIII. Product Support

Dear Consumers:

Thank you for choosing our Wine/Cigar Cabinet, which includes

friendly, responsible, considerate and overall high-quality professional customer service. We commit to provide the following services:

1. We will offer a 2-year warranty for the cabinet from the day you purchased.
2. If the cabinet can not be repaired after 3 times with our technical support, we will replace it for free of charge with same model or same amounted model.
3. Failure caused by misusing is not covered under the warranty period. If repair service is needed, consumers have to cover the charge as travel expense, spare parts and raw materials.
4. If you have any questions or problems with our cabinets, contact us at the assistance.
5. The cabinet will not be repaired/replaced for free for following reasons:

a. Damage caused by misuse, moving or bumping or disassembling.

b. Damage caused by force majeure (such as earthquakes, floods,ect).