

Installation  
Operation  
and  
Maintenance  
Instructions

Refrigerated  
Wine Storage Unit with  
Sentry System™ Refrigeration Monitor

RWS38  
RWS60DX  
RDZ60

Note: This appliance is intended to be used exclusively for the storage of wine.



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## NOTE

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 use of the appliance by a person responsible for their safety.

This product contains the following fluorinated greenhouse gases.

- HFC245fa - GWP = 950
- HFC134a - GWP = 1300

## Important Safety Instructions

Warnings and safety instructions appearing in this guide are not meant to cover all possible conditions and situations that may occur. Common sense, caution, and care must be exercised when installing, maintaining, or operating this appliance.

## Recognize Safety Symbols, Words, and Labels.

### CAUTION

**CAUTION**-Hazards or unsafe practices which could result in personal injury or property or product damage.

### WARNING

**WARNING**-Hazards or unsafe practices which could result in personal injury.

### NOTE

**NOTE**-Important information to make a problem free installation.

## Remove Packaging

Your wine storage unit has been packed for shipment with all parts that could be damaged by movement securely fastened. Cut the banding material at the bottom of the carton, unfold the cartoning at the bottom and remove the carton from the appliance. Remove the plastic bag, styrofoam corner posts, and any tape holding the door closed and internal components in place.

The owners manual is shipped inside the wine storage unit in a plastic bag.

## Important

Keep your carton packaging until your wine storage unit has been thoroughly inspected and found to be in good condition. If there is damage, the packaging will be needed as proof of damage in transit. Afterwards please dispose of all items responsibly in particular the plastic bags which can be a suffocation hazard.

## Note to Customer

This merchandise was carefully packed and thoroughly inspected before leaving our plant. Responsibility for its safe delivery was assumed by the retailer upon acceptance of the shipment. Claims for loss or damage sustained in transit must be made to the retailer.

DO NOT RETURN DAMAGED MERCHANDISE TO THE MANUFACTURER - FILE THE CLAIM WITH THE RETAILER.

### CAUTION

If the unit was shipped or has been laying on its back for any period of time allow the wine storage unit to sit upright for a period of at least 24 hours before plugging in. This will assure oil returns to the compressor. Plugging the wine storage unit in immediately may cause damage to internal parts.

## Warranty Registration

It is important to register your product as soon as possible after taking delivery of your wine storage unit. You can register online at [www.rangemaster.co.uk](http://www.rangemaster.co.uk).

The following information will be required when registering your unit.

Model Number

Serial Number

Date of Purchase

Supplier's name and address

Installer's name and address

The model number and serial number can be found on the data badge which is located inside the wine storage unit on the left side toward the top of the cavity.

### CAUTION

## Help Prevent Tragedies

Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous. Even if they sit out for "just a few days".

If you are getting rid of your old refrigerator, please follow the instructions below to help prevent accidents.

Before you throw away your old refrigerator or freezer:

- Take off the doors or remove the drawers.
- Leave the shelves in place so children may not easily climb inside.

# INSTALLING YOUR WINE STORAGE UNIT

## Select Location

The proper location will ensure peak performance of your appliance. We recommend a location where the unit will be out of direct sunlight and away from heat sources. To assure your product performs to specifications the recommended installation location temperature range is from 18 to 27°C for indoor built in units, 18 to 32°C for indoor freestanding units.

## Cabinet Clearance

Ventilation is required from the bottom front section of the unit. Keep this area open and clear of any obstructions. Adjacent cabinets and counter top can be installed around the unit as long as the grille and door access remain unobstructed.

## Leveling Legs

Adjustable legs at the front and rear corners of the unit should be set so the unit is firmly positioned on the floor and level from side to side and front to back. Turn leveling legs clockwise to raise unit, counterclockwise to lower it. (See Figure 1).

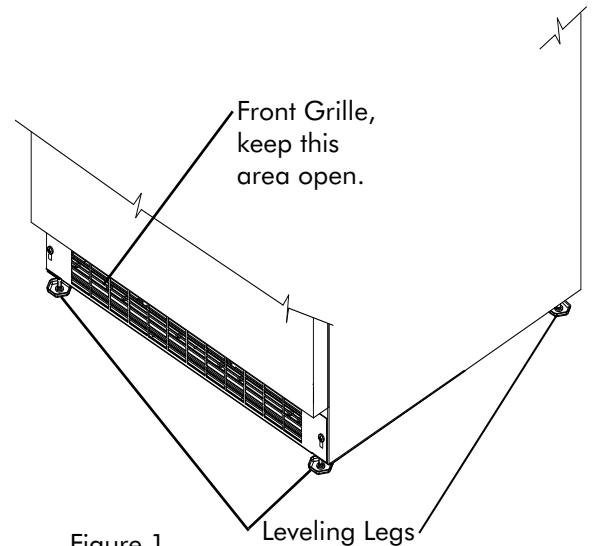


Figure 1

## CAUTION

### Front Grille

Do not obstruct the front grille. The openings within the front grille provide air to flow into and exit from the refrigerator condenser. For this reason it is important this area to not be obstructed and be kept clean. Rangemaster does not recommend the use of custom made grilles as air flow may be restricted because of inadequate openings. (See Figure 1).

## Electrical Connection

Use nominal 230 VAC, 50 Hz only.

### CAUTION

Do not use an extension cord with this appliance.

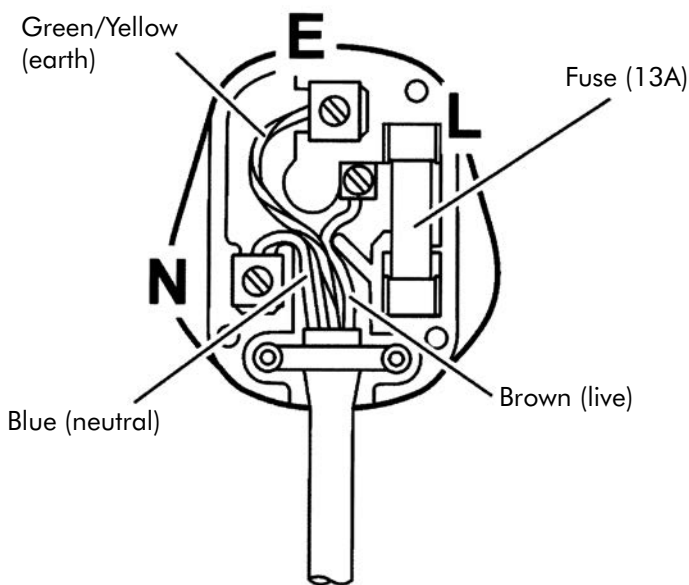


Figure 2

### WARNING

THIS APPLIANCE MUST BE EARTHED. All external wiring must comply with the IEE Regulations for the Electrical Equipment of Buildings. Connections to the electrical supply can be made with either a plug and socket or be permanently wired via a double-pole switch.

The appliance is supplied with a 250VAC PVC (85 degrees C) core cable (0.5mm x 2 metres long). Any replacement cable fitted must follow this specification. The unit may be supplied with either a moulded or rewirable plug. Should the plug not fit the socket at the installation site, it should be removed and replaced with the correct type of plug.

If a moulded plug is fitted which is not suitable, it must be removed and disposed of. To avoid the risk of electrocution, a plug must not be left where a child may plug it into a supply socket. It must not be used for any other appliance. A three pin plug to BS 1363 with a capacity of not less than

13A must be used and fitted with a 13A fuse "ASTA" approved to BS 1363.

If you replace the fuse, the cover must be refitted. If the cover is lost, the plug must not be used until a replacement has been obtained from your supplier. The color of the fuse cover is that of the insert in the base of the fuse recess or elsewhere on the plug. Always state this color when ordering a replacement cover.

If your appliance has a moulded plug, you do NOT have to do the following assembly as shown in Figure 2. Appliances with moulded plugs are ready to use as is.

**IMPORTANT: The wires should be connected to the terminals of the plug as follows:**

- Earth to the terminal marked E or coloured Green or Green/Yellow.
- Neutral to the terminal marked N or coloured Blue.
- Live to the terminal marked L or coloured Brown.

When wiring the plug, ensure that all strands of wire are retained in each terminal. The flexible main cable, plug and socket must not be exposed to flue products or be allowed to come in contact with a hot surface. The cable must not be trapped or pulled taut when the appliance is pushed into position.

THIS UNIT SHOULD NOT, UNDER ANY CIRCUMSTANCES, BE UNEARTHED.

# USING YOUR Sentry System™ CONTROL, MODELS RWS38 & RWS60DX

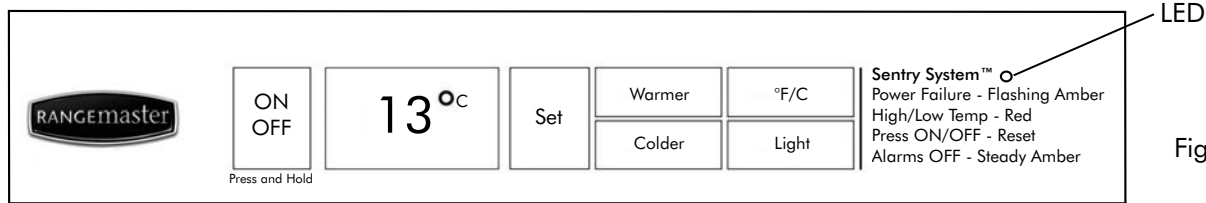


Figure 3

## Start Your Appliance

Please observe the following options when starting your appliance during initial plug-in.

- 1) If Sentry System™ LED is flashing amber (see Figure 3) the appliance is on. Simply press and release "ON/OFF" button to stop the flashing LED.
- 2) If the interior light is working but Sentry System™ display is blank push and hold "ON/OFF" button for five (5) seconds to start the appliance.

Once loaded with wine bottles, allow at least 24 hours for the unit to stabilize before making any adjustments to the initial temperature setting and minimize the door openings during this time period.

## Set Your Temperature Mode

This product can display either Fahrenheit or Celsius. To do so, press the "°F/C" button on the display panel.

## Viewing and Changing Current Temperature Settings

The temperature set point is initially set in the factory at 13 degrees C. The available temperature range of the unit is from 4 to 18 °C. To view the set point push the "SET" button once and the word "SET" and the current set-point will be displayed. While "SET" icon is displayed push the "WARMER" or "COLDER" button for your desired temperature. Push the "SET" key to exit set-point mode and activate your new temperature settings, or after 10 seconds the new settings will automatically be activated.

As with any refrigeration product, there is a slight temperature variance at different locations within the cabinet.

## Interior Light and Switch

The interior light makes it easy to view your wine labels and enhances the display of your collection. Pressing the "LIGHT" key toggles between 2 modes of operation for the internal lights: functional (default) mode and showcase mode. If you are in functional (default) mode, the lights will turn on only if the door is open. If you are in showcase mode, the lights will be on whether or not the door is open.

## Warning Alarms

Your wine storage unit has been fitted with a Sentry System™ refrigeration monitor. This monitor will let you know if your storage unit is not functioning properly for optimum wine storage and will alert you in the unlikely event there is an unstable condition.

## Door Ajar Alarm

If the door has been left open for over five (5) minutes, the alarm will sound and the LED will flash green. This will stop as soon as the door is closed.

## High and Low Temperature

If your unit reaches temperatures outside normal operating temperatures for your set point for more than one (1) hour, an alarm will sound and the LED will flash red. This will warn you that your wines have seen temperatures that may not be conducive for long-term storage.

## Power Failure

If your unit experiences a power failure, the LED will flash amber until the alarm is reset.

## Reset Alarms

Press the "ON/OFF" button for approximately one (1) second. This will reset all audible and display alarms.

## Sabbath Mode

Your wine storage unit is equipped with a Sabbath Mode feature. By activating this mode, you will be disabling all displays, audible alarms, and lights.

To activate Sabbath Mode, press and hold the "SET" button while pressing the "°F/C" button four (4) times within seven (7) seconds. Sabbath Mode will automatically deactivate after 72 hours. If a power outage occurs during Sabbath mode, unit will automatically re-enter Sabbath mode from the beginning of the 72 hour period. You may exit Sabbath mode at any time by repeating the enable process.

## Advanced Sentry System™ features:

Sentry System™ continually monitors critical refrigeration system components for proper operation. If component parameters exceed normal operation specifications, the display will automatically flash the respective error code as follows:

- E1-Compressor fault
- E2-Condenser fan motor fault
- E3-Evaporator thermistor sensor fault
- E4-Display thermistor sensor fault

Please call a qualified service technician if any of these codes are displayed.

# USING YOUR Sentry System™ CONTROL MODEL RDZ60

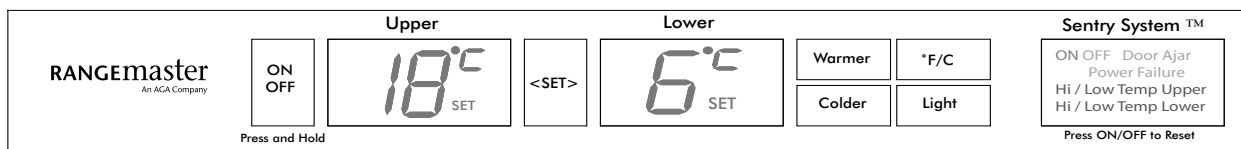


Figure 4

## Start Your Appliance

Please observe the following options when starting your appliance during initial plug-in.

- 1) If Sentry System™ LED is flashing amber (see Figure 4) the appliance is on. Simply press and release "ON/OFF" button to stop the flashing LED.
- 2) If the interior light is working but Sentry System™ display is blank push and hold the "ON/OFF" button for five (5) seconds to start your appliance.

Once loaded with wine bottles, allow at least 24 hours for the unit to stabilize before making any adjustments to the initial temperature setting and minimize the door openings during this time period.

## Set Your Temperature Mode

This product can display either Fahrenheit or Celsius. To do so, press the "°F/C" key on the display panel.

## Control Range

The unit is equipped with two individual refrigeration compartments each one independent of the other. The available temperature range of each compartment is from 4 to 18 °C (40 to 65°F). The control range allows flexibility of temperature preferences and provides the ideal wine storing and/or serving temperatures. Optimum efficiencies regarding performance and energy consumption are achieved when the lower compartment is chosen as the coldest compartment of the two compartments.

## Viewing and Changing Current Temperature Settings

The temperature set point is initially set in the factory at 13° C. To view the set point push the "SET" button once and the word "SET" and the current set-point will be displayed in the upper compartment. Push the "SET" key a second time and the word "SET" and the current set-point will be displayed in the lower compartment. While the "SET" icon is displayed for a given chamber, push the "WARMER" or "COLDER" key for your desired temperature. Push the "SET" key to exit set-point mode and activate your new temperature settings, or after 10 seconds the new settings will automatically be activated. As with any refrigeration product, there is a slight temperature variance at different locations within the cabinet.

## Interior Light and Switch

The interior light makes it easy to view your wine labels and enhances the display of your collection. Pressing the "LIGHT" key toggles between 2 modes of operation for the internal lights: functional (default) mode and showcase mode. If you are in functional (default) mode, the lights will turn on only if the door is open. If you are in showcase

mode, the lights will be on whether or not the door is open. When in showcase mode, a light indicator is illuminated on the display.

## Warning Alarms

Your dual zone wine storage unit has been fitted with a Sentry System™ refrigeration monitor. This monitor will let you know that your storage unit is functioning properly for optimum wine storage and will alert you in the unlikely event there is an unstable condition.

### Door Ajar Alarm

If the door has been left open for over five (5) minutes, the alarm will sound and the message center will display an amber "DOOR AJAR" message.

### High and Low Temperature

If your unit reaches temperatures outside normal operating temperatures for your set point for one (1) hour or greater, an alarm will sound and the message center will display either a red "HI/LOW TEMP UPPER" or a red "HI/LOW TEMP LOWER" message. This will warn you that your wines have seen temperatures that are out of range.

### Power Failure

If your unit experiences a power failure, the message center will display an amber "POWER FAILURE" message.

### Reset Alarms

Press the "ON/OFF" button for approximately one second. This will reset all audible and display alarms.

## Sabbath Mode

By enabling this mode, you will be disabling the display, Sentry System™ message center, audible alarms, and interior lights. To enable Sabbath Mode, press and hold the "SET" key while pressing the "°F/C" key 4 times within 7 seconds. To disable Sabbath Mode, repeat the enable process. The Sabbath Mode will automatically disable after 72 hours. A power outage will not disable Sabbath Mode.

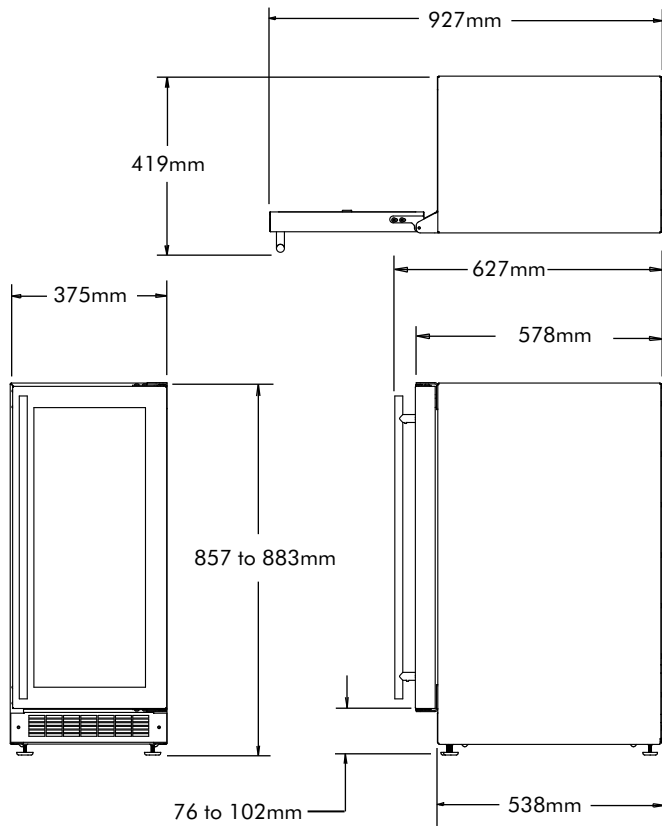
## Advanced Sentry System™ features:

Sentry System™ continually monitors critical refrigeration system components for proper operation. If component parameters exceed normal operation specifications, the display will automatically flash the respective error code as follows:

- E1-Compressor fault
- E2-Condenser fan motor fault
- E3-Upper compartment sensor fault
- E4-Lower compartment sensor fault

Please call a qualified service technician if any of these codes are displayed.

# DIMENSIONS FOR RWS38

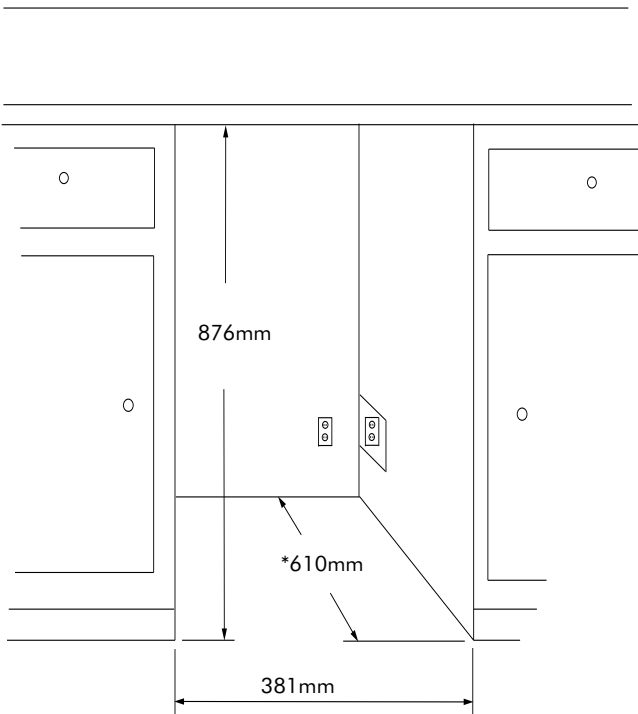


**INSTALLER:** Please leave these instructions with the user.  
**DATA BADGE LOCATION:** Front left-hand side of the refrigerator compartment.  
**COUNTRY OF DESTINATION:** GB/IE

### Ratings

Electrical-voltage/frequency	220-240 V / 50Hz
Energy efficiency class on a scale of A (more efficient) to G (less efficient)	A
Climate class (SN=10-32°C, N=16-32°C, ST=18-38°C, T=18-43°C)	T
Temperature range (from > to)	4.4 to 18.3°C
Gross capacity	85 litres
Net capacity	24 bottles
Energy consumption/year	121 kWh/yr
Energy consumption (EN153)	0.33 kWh/24 hrs
Max noise level	48 db(A)

# ROUGH IN OPENING DIMENSIONS, FOR RWS38



### ⚠ CAUTION

Electrical Requirements: 230 volts, 1.7 amps running maximum. A three pin earthed receptacle is required.

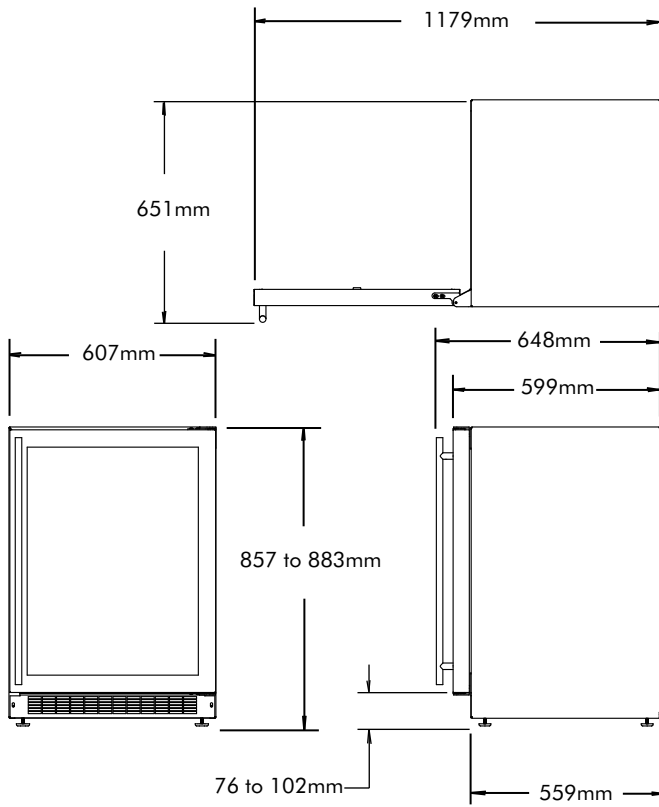
Power outlet can be located in the back wall behind unit. Add 19mm to depth for thickness of plug, or recess outlet 19mm into the wall. Power outlet can also be installed in adjacent cabinetry with a cutout for routing of power cord. Follow all local building codes when installing electrical and unit.

Product weight = 54 kg

\* Depth dimension may vary depending on each individual installation.



# DIMENSIONS FOR RWS60DX

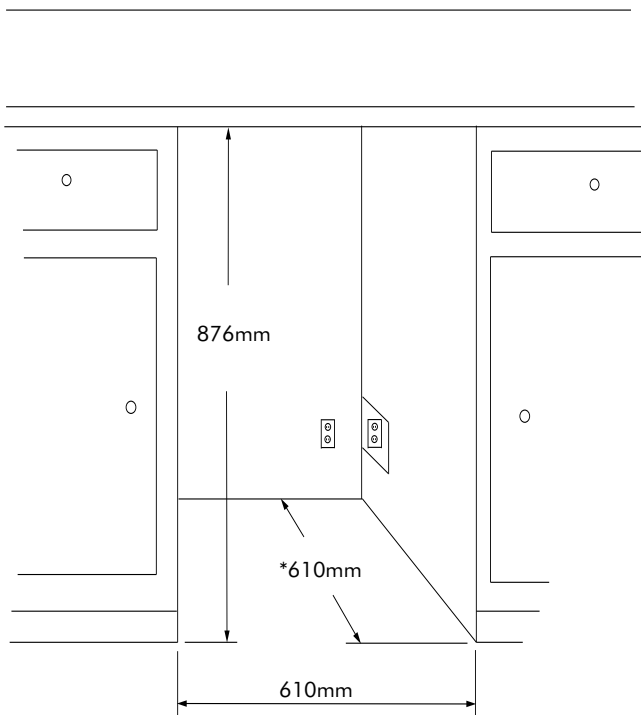


**INSTALLER:** Please leave these instructions with the user.  
**DATA BADGE LOCATION:** Front left-hand side of the refrigerator compartment.  
**COUNTRY OF DESTINATION:** GB/IE

### Ratings

Electrical-voltage/frequency	220-240 V / 50Hz
Energy efficiency class on a scale of A (more efficient) to G (less efficient)	B
Climate class (SN=10-32°C, N=16-32°C, ST=18-38°C, T=18-43°C)	T
Temperature range (from > to)	4.4 to 18.3°C
Gross capacity	170 litres
Net capacity	54 bottles
Energy consumption/year	206 kWh/yr
Energy consumption (EN153)	0.56 kWh/24 hrs
Max noise level	50 db(A)

## ROUGH IN OPENING DIMENSIONS FOR RWS60DX



### ⚠ CAUTION

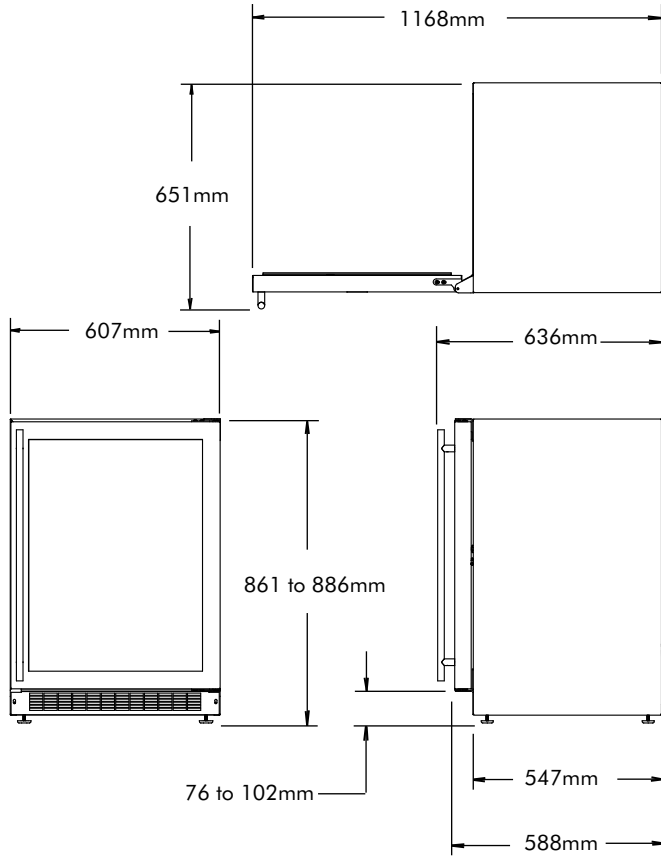
Electrical Requirements: 230 volts, 1.7 amps running maximum. A three pin earthed receptacle is required.

Power outlet can be located in the back wall behind unit. Add 19mm to depth for thickness of plug, or recess outlet 19mm into the wall. Power outlet can also be installed in adjacent cabinetry with a cutout for routing of power cord. Follow all local building codes when installing electrical and unit.

Product weight = 75 kg

\* Depth dimension may vary depending on each individual installation.

## DIMENSIONS FOR RDZ60

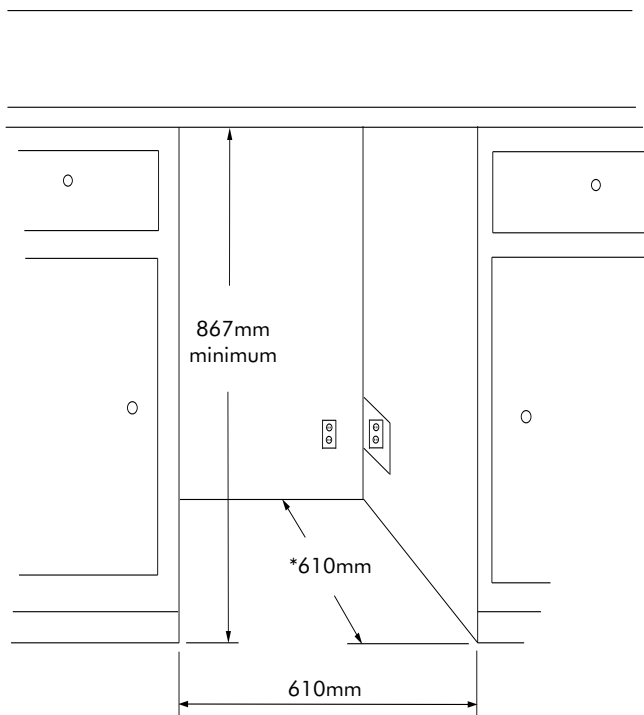


**INSTALLER:** Please leave these instructions with the user.  
**DATA BADGE LOCATION:** Front left-hand side of the refrigerator compartment.  
**COUNTRY OF DESTINATION:** GB/IE

### Ratings

Electrical-voltage/frequency	220-240 V / 50Hz
Energy efficiency class on a scale of A (more efficient) to G (less efficient)	B
Climate class (SN=10-32°C, N=16-32°C, ST=18-38°C, T=18-43°C)	ST
Temperature range (from > to)	4.4 to 18.3°C
Gross capacity	154 litres
Net capacity	44 bottles
Energy consumption/year	164 kWh/yr
Energy consumption (EN153)	0.45 kWh/24 hrs
Max noise level	49 db(A)

## ROUGH IN OPENING DIMENSIONS FOR RDZ60



### ⚠ CAUTION

Electrical Requirements: 230 volts, 1.7 amps running maximum. A three pin earthed receptacle is required.

Power outlet can be located in the back wall behind unit. Add 19mm to depth for thickness of plug, or recess outlet 19mm into the wall. Power outlet can also be installed in adjacent cabinetry with a cutout for routing of power cord. Follow all local building codes when installing electrical and unit.

Product weight = 62 kg

\* Depth dimension may vary depending on each individual installation.

## Insert Wine Bottles

The six (6) roll-out shelves each hold four (4) bottles. See Figure 5 for typical wine bottle spacing. Tall bottles should not be loaded on the bottom rack because they may prevent the door from closing.

## Loading Tips and Suggestions

Position white wines on the middle or lower racks and red wines on the upper racks (see Figure 6).

Keep wines that you plan to use for everyday drinking and entertaining on the front half of the racks where labels are completely visible. Place wines for aging or longer term storing in the rear.

## Roll-out Racks

The six (6) roll-out wine racks may be pulled out approximately 355 millimeters to facilitate adding or removing bottles. Do NOT lean on or press down heavily on the wine shelves. Doing so may damage the shelves and the wine bottles stored on them. Pull the wine racks out gently and carefully to minimize unsettling your wine collection. AVOID pulling out more than one rack at any time to maintain stability.

## Single Bottle Racks

Since bottles are not stacked on top of each other, you can easily view and access your inventory without disturbing other bottles (see Figure 7).

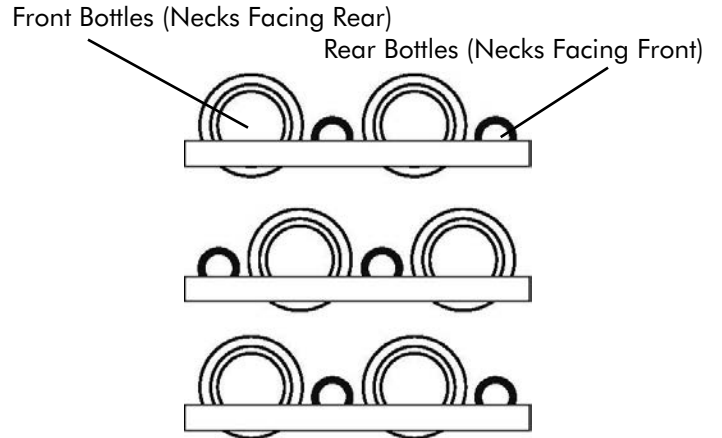


Figure 5

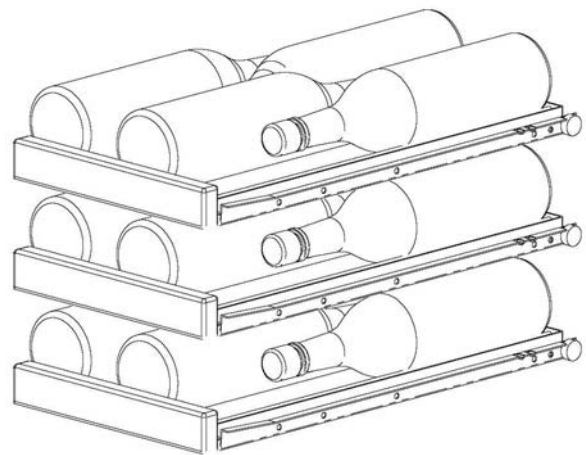


Figure 6

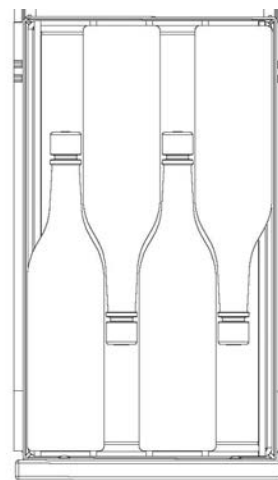


Figure 7

## FEATURES FOR MODEL RWS60DX

### Insert Wine Bottles

The six (6) roll-out shelves each hold eight (8) bottles. See Figure 8 for typical wine bottle spacing. Tall bottles should not be loaded on the bottom rack because they may prevent the door from closing.

### Loading Tips and Suggestions

Position white wines on the middle or lower racks and red wines on the upper racks (see Figure 9).

Keep wines that you plan to use for everyday drinking and entertaining on the front half of the racks where labels are completely visible. Place wines for aging or longer term storing in the rear.

### Roll-out Racks

The six (6) roll-out wine racks may be pulled out approximately 355 millimeters to facilitate adding or removing bottles. Do NOT lean on or press down heavily on the wine shelves. Doing so may damage the shelves and the wine bottles stored on them. Pull the wine racks out gently and carefully to minimize unsettling your wine collection. AVOID pulling out more than one rack at any time to maintain stability.

### Single Bottle Racks

Since bottles are not stacked on top of each other, you can easily view and access your inventory without disturbing other bottles (see Figure 10).

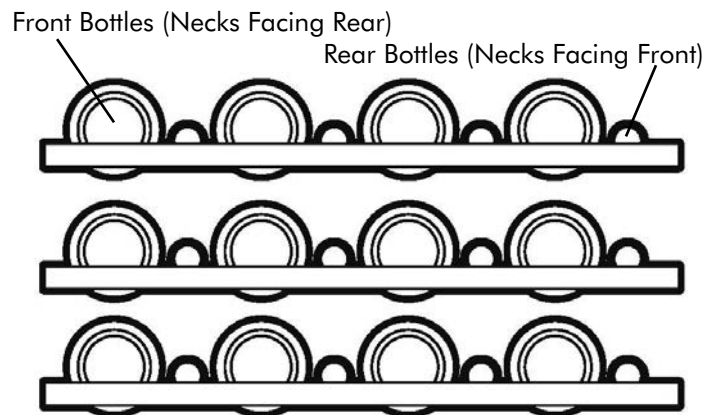


Figure 8

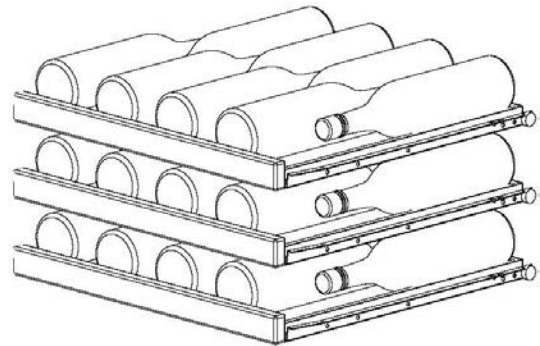


Figure 9

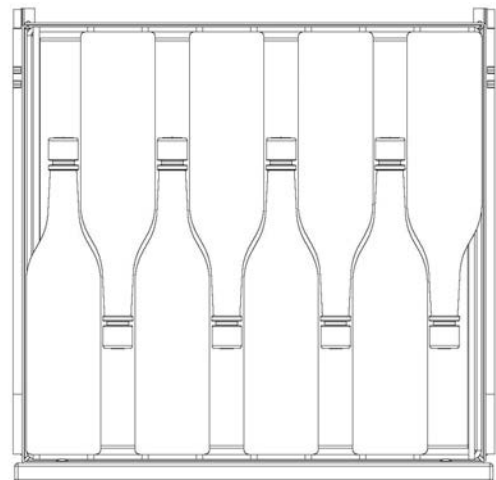


Figure 10

## Independent Storage Compartments

Both compartments can be set for either temperature range, red or white, but for a more efficient energy usage and functionality of the unit, it is better to use the top compartment for reds (warmer) and the bottom compartment for whites (cooler).

## Insert Wine Bottles

The five (5) upper shelves each hold eight (8) bottles in a front to back fashion. See Figures 12 and 13 for typical wine bottle spacing. The bottom shelf holds four (4) bottles in a side to side fashion.

## Roll-out Racks

The top five (5) roll-out wine racks may be pulled out approximately 355 mm to facilitate adding or removing bottles and the bottom shelf may be pulled out approximately 196 mm. Do NOT lean on or press down heavily on the wine shelves. Doing so may damage the shelves and the wine bottles stored on them. Pull the wine racks out gently and carefully to minimize unsettling your wine collection. AVOID pulling out more than one rack at any time to maintain stability.

## Single Bottle Racks

Since bottles are not stacked on top of each other, you can easily view and access your inventory without disturbing other bottles (see Figure 13).

## Vibration Neutralization System

The Vibration Neutralization System (VNS) is a unique three-layer design that protects your wine from damaging vibration without sacrificing cabinet capacity.

1. The compressor is isolated from the wine storage cavity, virtually eliminating the transfer of vibration.
2. Vibration isolating mounts on the compressor offer a second layer of protection from vibration transfer.
3. A vibration dampening mat inserted onto each shelf absorbs any stray vibrations.

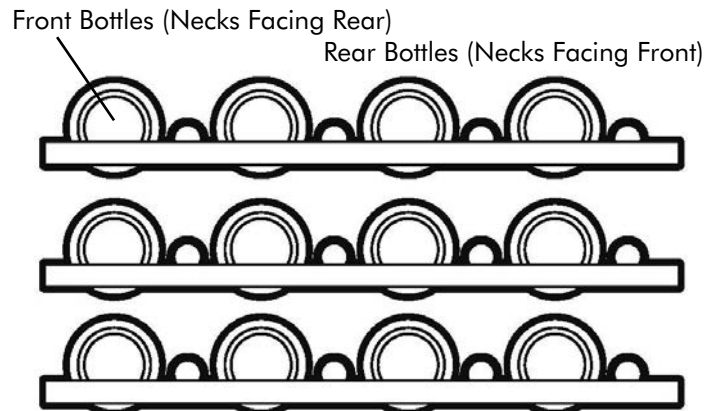


Figure 11

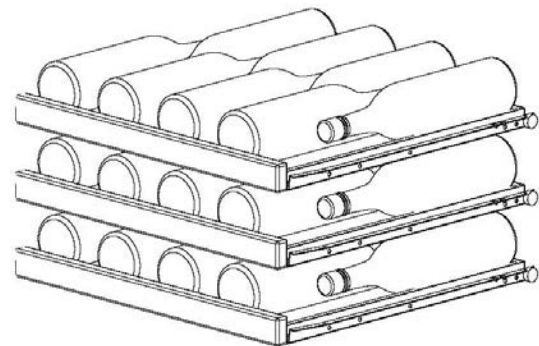


Figure 12

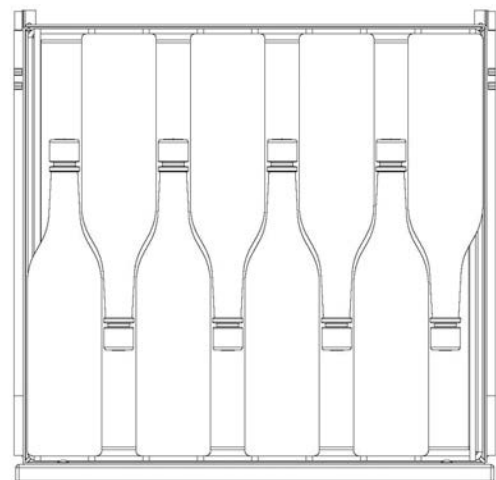


Figure 13

# CARE AND CLEANING

## Condenser

The condenser underneath the cabinet does not require frequent cleaning; however, satisfactory cooling depends on adequate ventilation over this heat exchanger. It is recommended to annually clean the condenser by vacuuming and brushing. To access the condenser, the unit must be pulled out from the installation, and the lower machine compartment access cover removed.

### CAUTION

Disconnect the power cord before removing the access cover.

Be sure that nothing obstructs the required air flow openings in front of the cabinet. At least once or twice a year, brush or vacuum lint and dirt from the front grille area (see page 3).

## Cabinet

The stainless steel cabinet can be washed with either a stainless steel cleaner or a mild soap and water and thoroughly rinsed with clear water. NEVER use abrasive scouring cleaners. Painted surfaces can be cleaned with mild soap and water.

## Interior

Wash interior compartment with mild soap and water. Do NOT use an abrasive cleaner, solvent, polish cleaner, or undiluted detergent.

## Wine Shelves

The racks may be cleaned with mild soap and water and a soft cloth. Do NOT use any abrasive cleaners. See below for instructions for removing the wine shelves.

## Door Gasket

The vinyl gasket may be cleaned with mild soap and water, a bicarbonate of soda solution, or a mild scouring powder.

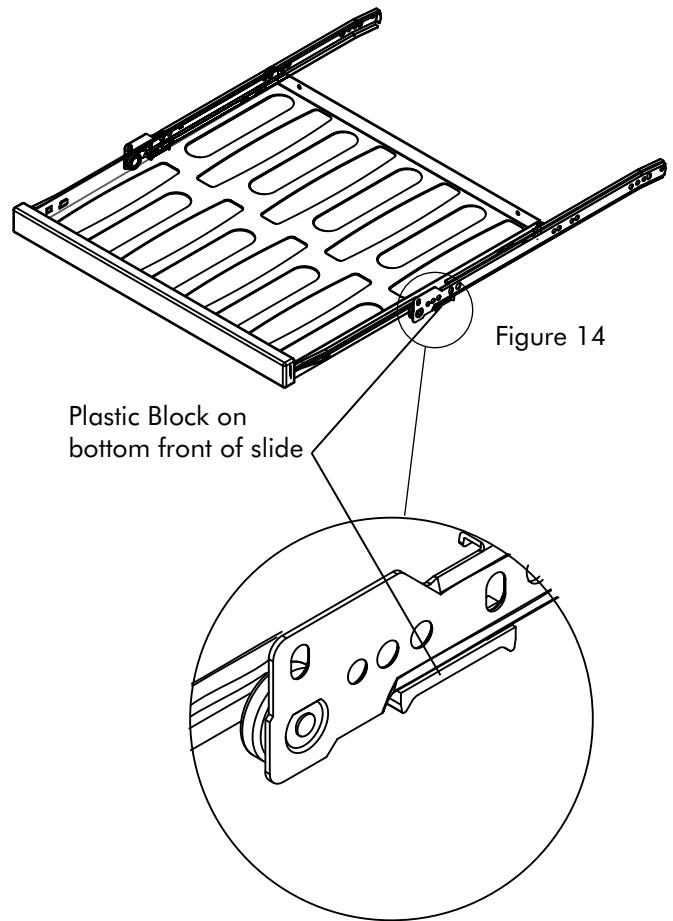


Figure 14

## Removing the Wine Shelves.

Model RDZ60 (Dual Zone Wine Storage unit): Unload wine from the shelf to be removed. Pull the shelf all the way out until it stops. Lift up on the front of the shelf so the wheel on the shelf clears the track fastened to the liner and pull the shelf the rest of the way out.

All other models: Unload wine from the shelf to be removed. Pull the shelf all the way out until it stops. At the front of the drawer slide just under the shelf there is a plastic block (see Figure 14). Push this block to the rear to release the slide. Repeat on other side of the shelf. Lift the front of the shelf and pull away from the slides to remove the shelf.

Reverse this procedure to install the shelf. Be sure to move the plastic block to the forward position after installing the shelf.

### Light Tube Replacement

#### CAUTION

DISCONNECT THE POWER CORD BEFORE ATTEMPTING LIGHT TUBE REPLACEMENT. Failure to do so may result in an electrical shock that could severely injure you.

The RWS38 uses one, 6 watt light tube and the RWS60DX and RDZ60 use two, 6 watt light tubes to illuminate the interior of the wine storage unit. The light tube is a very reliable electrical component, but should it not function properly, please call the dealer you purchased your wine storage unit from for a replacement light tube. Use only an original equipment light tube from your dealer or Rangemaster.

It may be necessary to remove 1 or 2 shelves directly below the light tube to gain access for removal. See page 13 for instructions on removing the shelves.

#### CAUTION

Do NOT under any circumstance use a light tube that exceeds 10 watts!

#### For Models RWS38 & RWS60DX

To replace a light tube, use a hex-head driver, remove the two hex-head screws that hold a cover plate over the back section of the light tube. Set the screws and cover plate aside for reassembly later.

Using a small flat-blade screwdriver, gently lever the front section of the light tube down to allow it to be pulled clear of the light housing.

Disconnect the two insulated electrical connectors from the cabinet's electrical cable and discard the old light tube. Reconnect the electrical connector of the new light tube to the cabinet's electrical cable connectors. Make sure it is secure and fully installed.

Carefully realign the light tube's electrical terminal back into the rear of the light enclosure channel making sure not to crimp them. Gently insert the light tube along the length of the light enclosure channel. Press the light tube gently into the light enclosure channel. Only a small part of the light tube should project below the ceiling of the wine storage unit. DO NOT USE A HAMMER TO FIT THE LIGHT TUBE.

Place the light tube terminal cover plate back in the original position on the light enclosure's flange. Reuse the original

two screws to secure it in place. Plug the wine storage unit into the electrical socket. Check to see if the light tube operates properly. Your light tube's replacement is complete.

#### For model RDZ60:

This product uses two, 6 watt light tubes to illuminate the interior of the dual zone wine storage unit: one in the upper compartment and one in the lower compartment. The upper compartment light tube is located behind the display housing. The lower compartment light tube is located on the underside of the divider that separates the compartments.

To replace the light tube, disconnect power to the unit. Use a hex-head driver to remove the two hex-head screws holding the old light tube in place. Disconnect the electrical plug from the cabinet's electrical receptacle and discard the old light tube. Reconnect the electrical plug of the new light tube to the cabinet's electrical receptacle. Make sure it is secure and fully installed.

Using the hex-head driver and the two hex-head screws secure the light tube in place. Plug the unit into the electrical socket. Check to see if the light tube operates properly. Your light tube's replacement is complete.

The light tubes are not covered by your warranty. Replacement tubes can be obtained from your dealer or from Rangemaster.

#### In the Event of a Power Failure

If a power failure occurs, try to correct it as soon as possible. Minimize the number of door openings while the power is off so as not to adversely affect the unit's temperature.

#### Disposal

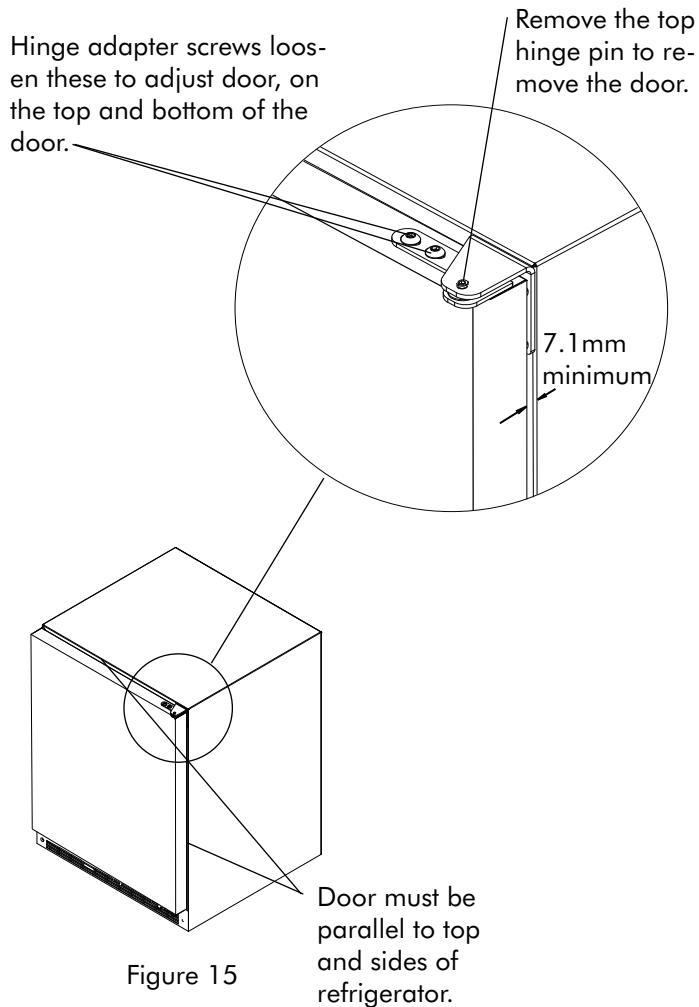
When you dispose of this product, do so in a way sympathetic to the environment. For further information, contact your local authority.

## CARE AND CLEANING

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### Door alignment

The door should be parallel to the sides and top of the refrigerator. If alignment is necessary the door may be adjusted by loosening the 2 screws which secure the hinge adapter brackets to the door and adjusting the door side to side. Use a 5/32" hex key for this procedure. (See Figure 15 below).



### NOTE

NOTE: For door closer to work properly it is necessary to maintain a minimum space of 7.1mm between door and cabinet flange as shown. This space can be adjusted by adjusting the top and bottom hinge adapter.



### Energy Saving Tips

The following suggestions will minimize the cost of operating your refrigeration appliance.

1. Do not install your appliance next to a hot appliance, (cooker, dishwasher, etc.). heating air duct, or other heat sources.
2. Install product out of direct sunlight.
3. Assure the toe grille vents at front of unit beneath door is not obstructed and kept clean to allow ventilation for the refrigeration system to expel heat.
4. Plug your appliance into a dedicated power circuit. (Not shared with other appliances).
5. When initially loading your new product, or whenever large quantities of warm contents are placed within refrigerated storage compartment, minimize door openings for the next 12 hours to allow contents to pull down to compartment set-point temperature.
6. Maintaining a relatively full storage compartment will require less appliance run time than an empty compartment.
7. Assure door closing is not obstructed by contents stored in your appliance.
8. Allow hot items to reach room temperature before placing in product.
9. Minimize door openings and duration of door openings.
10. Use the warmest temperature control set-point that meets your personal preference and provides the proper storage for your stored contents.
11. For wine storage products:
  - a. When serving temperatures are not required, return the compartment(s) set-point to the ideal red and white wine long term storage temperature of 13°C / 55°F.
  - b. For Dual-Zone product with two (2) independent temperature controlled compartments, use the lower compartment for the coldest storage / serving temperature, (i.e.- red wines on top, white wines in lower).
12. Minimize use of display lighting option on glass door products, (light stays on with door closed).
13. When on vacation or away from home for extended periods, set the appliance to warmest acceptable temperature for the stored contents.
14. Set the control to the "off" position if cleaning the unit requires the door to be open for an extended period of time.
- 15) Annually clean condenser heat exchange coil located in machine compartment underneath unit, (see "Care and Cleaning" page 13).

# TROUBLESHOOTING YOUR WINE STORAGE UNIT

## Before You Call for Service

If the unit appears to be malfunctioning, read through this manual first. If the problem persists, check the troubleshooting guide below. Locate the problem in the guide and refer to the cause and its remedy before calling for service. The problem may be something very simple that can be solved without a service call. Some remedies listed in the Troubleshooting Guide are very complex. Consulting or contracting a qualified service technician may be necessary.

## If You Do Need Service

If you do need service, contact your dealer or Rangemaster. In any correspondence, refer to the model number and serial number of your unit which is located on the upper left hand side of the wall liner. Retain your proof of purchase.

Please complete the appliance details below and keep them safe for future reference. This information will enable us to accurately identify your particular appliance and help us to help you. Filling this in now will save you time and inconvenience if you later have a problem with your unit.

## WARNING

**Electrocution Hazard** - Never attempt to repair or perform maintenance on the unit until the main electrical power has been disconnected.

For Your Records	
Date of purchase	
Dealer's Name	
Dealer's Address	
Dealer's Town	
Dealer's County	
Dealer's Post Code	
Appliance Serial Number	
Model Number	

Problem	Possible Cause	Remedy
Unit not cold enough.	<ul style="list-style-type: none"> <li>Control set too warm.</li> <li>Airflow to front grille blocked.</li> <li>Excessive usage or prolonged door openings.</li> <li>Door gasket not sealing properly.</li> </ul>	<ul style="list-style-type: none"> <li>Adjust temperature colder. (See "Changing Current Settings" on page 5 or 6) Allow 24 hours for temperature to stabilize.</li> <li>Airflow must not be obstructed to front grille. See "clearances" on page 3.</li> <li>Allow temperature to stabilize for at least 24 hours.</li> <li>Adjust or replace door gasket.</li> </ul>
Unit too cold.	<ul style="list-style-type: none"> <li>Control set too cold.</li> </ul>	<ul style="list-style-type: none"> <li>Adjust temperature warmer. (See page 5 &amp; 6 "changing current settings"). Allow 24 hours for temperature to stabilize.</li> </ul>
No interior light inside cabinet.	<ul style="list-style-type: none"> <li>Failed LED interior light assembly.</li> </ul>	<ul style="list-style-type: none"> <li>Contact a qualified Rangemaster service technician.</li> </ul>
Light will not go out when door is closed.	<ul style="list-style-type: none"> <li>Door not activating light switch.</li> </ul>	<ul style="list-style-type: none"> <li>Verify cabinet is level, refer to page 3 for leveling instructions.</li> <li>Verify the door is aligned properly, refer to page 15 for instructions.</li> </ul>
Noise or Vibration.	<ul style="list-style-type: none"> <li>Unit not level.</li> </ul>	<ul style="list-style-type: none"> <li>Level unit, see "Leveling Legs" on page 3.</li> </ul>
Unit will not run.	<ul style="list-style-type: none"> <li>Unit turned off.</li> <li>Power cord not plugged in.</li> <li>No power at outlet.</li> </ul>	<ul style="list-style-type: none"> <li>Turn unit on. See "Start your Appliance" on page 5 or 6.</li> <li>Plug in power cord.</li> <li>Check house circuit.</li> </ul>

## How to Obtain Service

In the unlikely event that you have a problem with your wine storage unit, please refer to your User's Documentation first to check that you are using the unit correctly.

If you are still having difficulty, you can ring our Consumer Services Centre on the number below, where one of our coordinators will be pleased to advise you.

### Rangemaster Consumer Services on 0870 789 5107

If you experience a technical failure and require an engineer to call, please contact our service provider directly, on the number below to make an appointment. Please have your unit's serial number on hand when you ring.

### Service Provider on 0870 789 5107

Please note: If you request an engineer to visit and the fault is not the responsibility of Rangemaster, our service provider reserves the right to make a charge.

Appointments not kept by you may be subject to a charge.

## Out of Warranty

We recommend that Rangemaster appliances are serviced regularly throughout their life to maintain the best performance and efficiency.

Service work should only be carried out by technically competent and suitably qualified personnel. For your own safety, always ensure that work is carried out by an approved electrician.

Electricians can be found listed in the Yellow Pages.

## Spare Parts

To maintain optimum and safe performance, we recommend that only genuine Rangemaster spare parts are used.

These are available from your Rangemaster retailer and from:

*Cowley Components Ltd.*  
Masons Road  
Stratford upon Avon  
Warwickshire  
CV37 9NR  
Tel: 01789 269667  
Fax: 01789 415623

## Guarantee

### Free 1st Year Parts & Labour Guarantee

Covers goods for the period of 12 months from the date of purchase subject of the below exclusions.

### Terms and Conditions

#### The appliance -

- Has been correctly installed in accordance with current legislation, relevant British Standards and Codes of Practice by a competent person.
- Has been used solely in a domestic environment and for domestic purposes. Guarantee only applies to normal domestic use.
- Is in use in the UK/Channel Islands and has not been taken abroad as a personal export. This offer is not available in the Republic of Ireland.
- Has not been repaired by unauthorized persons, i.e. other than organizations authorised to act on behalf of Rangemaster Consumer Services.
- Offer only applied to new appliances, second hand appliances or reconditioned products are excluded.
- Has not been subject to misuse, accidental damage or modification.
- This guarantee is not transferable.
- The guarantee covers any mechanical breakdown and cosmetic deterioration associated with a manufacturing defect.
- Proof and date of purchase will need to be established to receive a service visit.

**Exceptions:** Items that are not included under the guarantee include light tubes and other consumable accessories. Any damage caused other than through normal use. Cosmetic deterioration deemed to be normal wear and tear.

Costs will be incurred if a service call is arranged and no fault is found.

**This warranty is in addition to your Statutory Rights.**

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41011814 Rev F  
6/3/13



All specifications and product designs subject to change without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions, replacements or compensation for previously purchased products.