User Manual Book

Wine Cooler

Scuderia Series
WC 2154 S, WC 2045 S,
WC 2045 L, WC 1022 S,
WC 1022 L

MODENA

Thank you for your trust in choosing MODENA products for your household needs. With your satisfaction as our priority, we constantly aim to deliver stylishly designed products equipped with state-of-the-art technology to assist you in your daily activities.
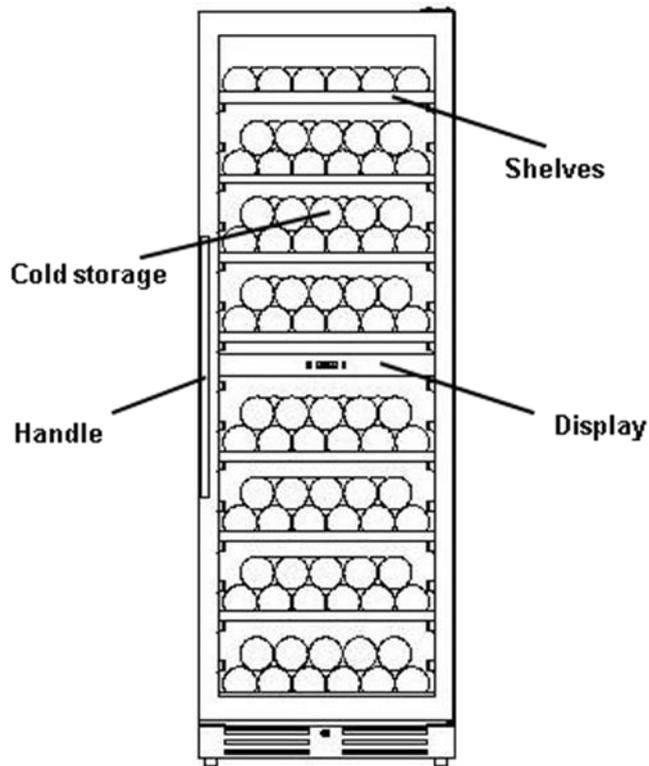
This is your guidebook containing everything you need to know about our product. Please reach out to us if you need further assistance or other information via our Customer Care or our official website www.modena.com.
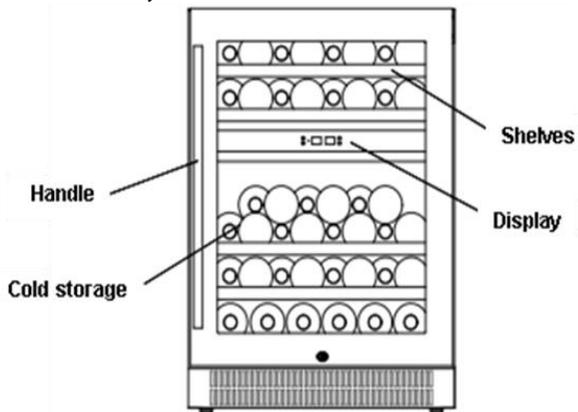
MODENA

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Part 1: Name of Parts

WC 2154 S

Shelves

Cold storage

Handle

Display

WC 2045 S, WC 2045 L

Handle

Cold storage

Shelves

Display

WC 1022 S, WC 1022 L

Ventilation hole

Shelves

Handle

Cold storage

* Features depend on the type of product.
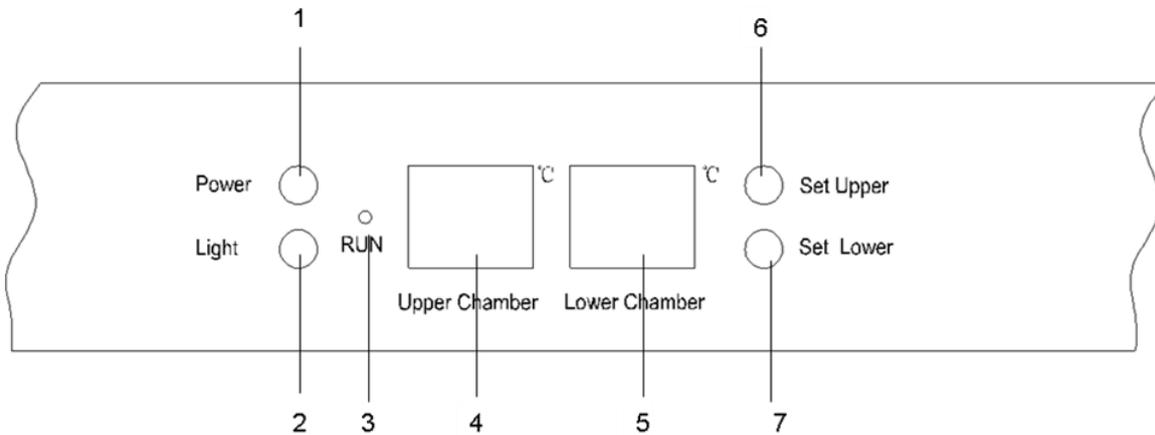
WC 2154 S

EXPLANATION FOR CONTROL PANEL

1. **Power**
   Press and hold this button around 3 seconds to turn on / off the appliance.
2. **Light**
   To turn on / turn off the interior lights.
3. **RUN**
   Indicator when the appliance is running.
4. **Upper Chamber**
   Show the set temperature in the upper chamber.
5. **Lower Chamber**
   Show the set temperature in the lower chamber.
6. **Set Upper**
   Button to adjust the temperature of the upper chamber.
7. **Set Lower**
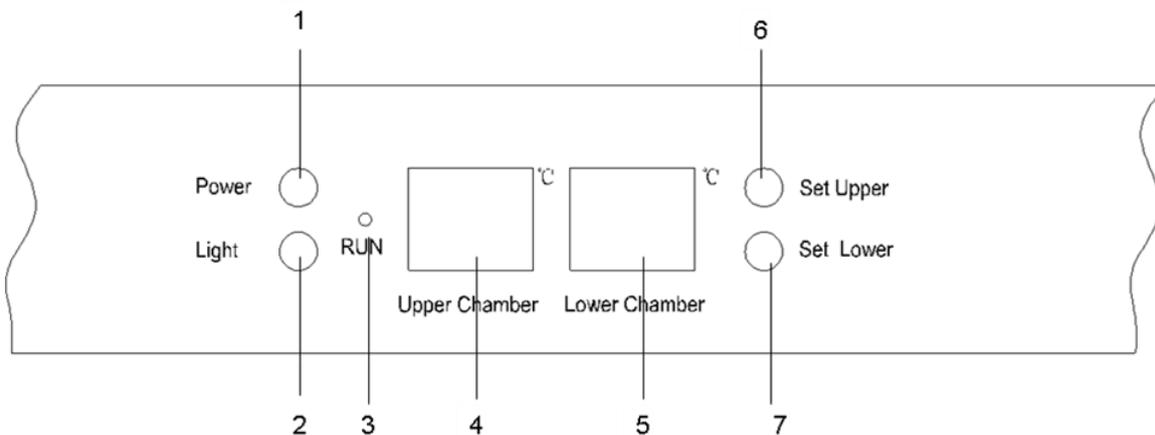   Button to adjust the temperature of the lower chamber.

WC 2045 S, WC 2045 L

EXPLANATION FOR CONTROL PANEL

1. **Power**
   Press and hold this button around 3 seconds to turn on / off the appliance.
2. **Light**
   To turn on / turn off the interior lights.
3. **RUN**
   Indicator when the appliance is running.

4. **Upper Chamber**
   Show the set temperature in the upper chamber.
5. **Lower Chamber**
   Show the set temperature in the lower chamber.
6. **Set Upper**
   Button to adjust the temperature of the upper chamber.
7. **Set Lower**
   Button to adjust the temperature of the lower chamber.

WC 1022 S. WC 1022 L
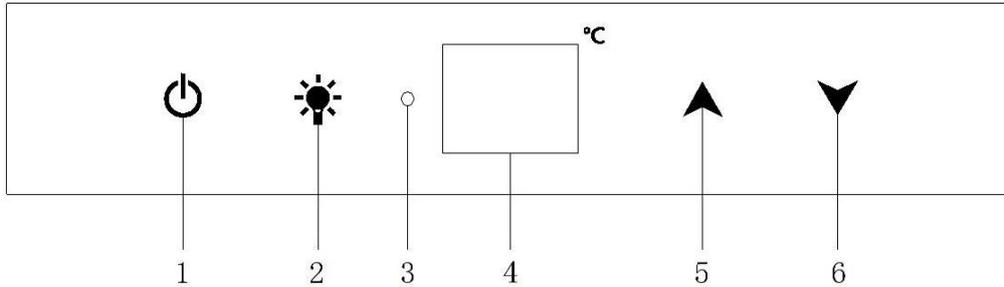
EXPLANATION FOR TOUCH SCREEN CONTROL PANEL

1. **Button** ⏻

   To turn on / turn off the appliance
   Press the button and it will turn on. Hold this button for 3 seconds and the appliance will turn off.
   Note: The LED will be off 3 seconds after the appliance is off.

2. **Button** 🔆

   For a certain type, the function of this button is to set the light activation automatically or manually. Press this button once and the light will stay on continously and does not depend on the appliance door condition. Press the button once again to turn off the light. The light will turn on and off automatically depends on whether the door appliance is closed or open.

3. **Power**
   The light indicator will be on when the appliance is ON.

4. 🔢

   Show set temperature

5. **Button** ▲

   To increase the temperature.

6. **Button** ▼
   To decrease the temperature.
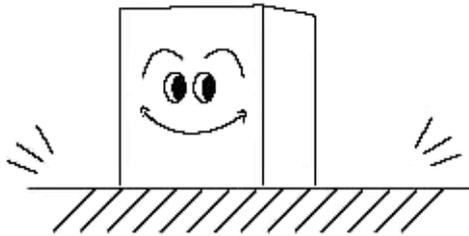
HUMIDIFIYING BOX

The humidifying box is an optional way to adjust humidity. If the humidity in the box is too low, please place water in the humidifying box in the fixed position on the shelf. This natural evaporation of water method is used to improve the inner's appliance humidity.
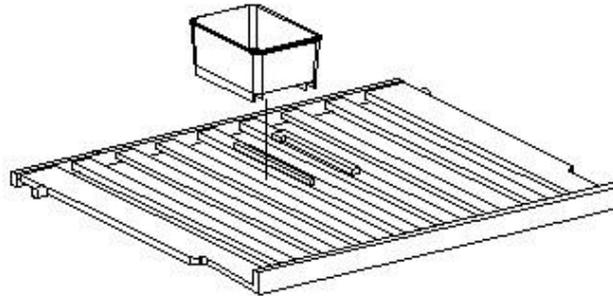
Part 3: Installation

Before placing the appliance, follow the instructions and these instructions below for a proper and safe placement.

Install the freezer on even and sturdy surface. Uneven surface may cause objects in it to fall.	Provide adequate space for air circulation between the freezer and the wall to minimize the operational costs and to maximize the compressor's shelf life.
Do not put the freezer near the heat source such as stove, hot plates etc. and avoid placing freezer under direct sunlight which may hamper with the cooling process.	Do not expose the freezer to rain water. Using freezer which has been exposed to rainwater will result in electricity leakage.
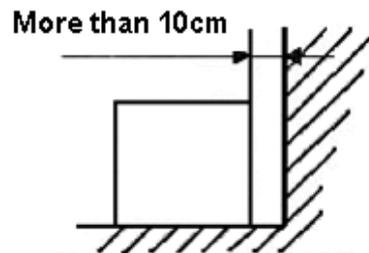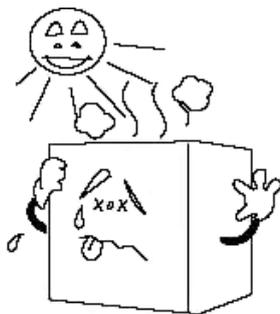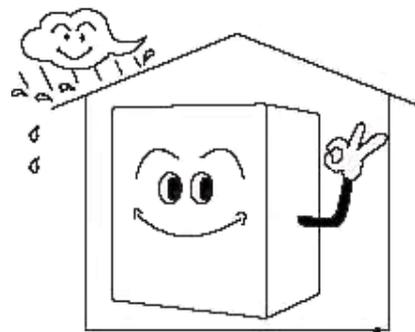
Make sure the voltage is set to 220 volt and the frequency to 50 Hz. Do not use cord extension or branched outlet since it poses risks of short circuit, overheating and fire.	If the appliance must be installed in a humid environment, make sure to install a circuit breaker to avoid short circuit.

BEFORE INSTALLATION AND CONNECTING THE RESOURCES

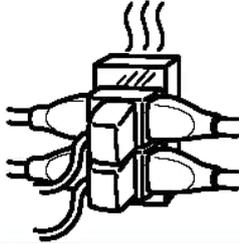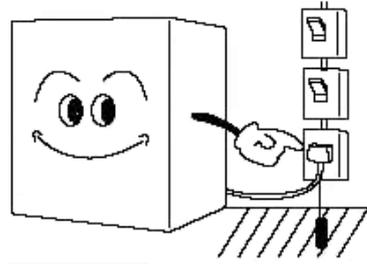To avoid fire, electric shock or leakage:

1. Never place the appliance in a room with wet and watery floor or in a place where the water is flooded.
2. Check the things below before you connect the appliance to the power source:
   - Connect the power cord into a power socket that is equipped with grounding.
   - Do not plug the power cord appliances with other equipment on the same power socket.
3. Do not let the power cord pinched by heavy objects.
   - If you hear a strange noise or strong chemical odor or smoke, etc. are of the appliance after you connect the power source, unplug immediately and contact the service center.
   - Before connecting the appliance to a power source, let it stand upright for approximately 2 hours. This will reduce the possibility of damage to the cooling system from handling during transportation.

Part 4: How to Use

PREPARATION BEFORE USE

- Open the carton box cover, remove and place the Wine Cooler on a flat surface.
- Clean the inside of the appliance.
- Open the door for a while in order to get air circulation.Close then connect the appliance to a power source. The appliance will start to run.
- This appliance is designed for freestanding or built-in installation.
- The appliance is designed specifically for wine storage.
- Place your appliance on the floor that is strong enough.
- This appliance uses a flammable refrigerant. So, do not try to damage the cooling pipes during transport or when moving the appliance.
- Avoid placing the appliance in humid areas.

Attention!

- Store the wine with the bottle tightly sealed.
- Do not give excessive loads on the cabinet.
- Do not open the door unless necessary.
- Do not cover shelves with aluminum foil or any other shelf materials that can prevent air circulation.
- If the appliance will not be used for a long time, it is suggested to leave the door in an open state after cleaning. This to avoid the formation of mold and odors due to the condensation process.

- The appliance is intended for use in the household or the like such as in offices, hotel rooms or other non-retail.
- **This appliance has a cooling system R600a, move the appliance away from inflammable and flammable objects and make sure the cooling pipe is not damaged during transportation or when moving the appliance.**
- This appliance is intended to be used in household and similar applications such as:
    - Kitchen areas in shops, offices and other working environments;
    - Farm houses and by clients in hotels, motels and other lodging types.
    - Bed and breakfast type environments.
    - Catering and similar non-retail applications.

SETTING THE TEMPERATURE

This appliance is designed to operate at ambient room temperature according to the temperature levels listed in the following table:

Climate	Symbol	Ambient Temperatures range(℃)
Continental	SN	+ 10 to + 32
Temperate	N	+ 16 to + 32
Subtropical	ST	+ 16 to + 38
Tropical	T	+ 16 to + 43

WC 2154 S
- The temperature range setting:
    - Upper chamber: 5 ~ 10 ºC
    - Lower chamber: 10 ~ 18 ºC
- The normal temperature:
    - Upper chamber: 6 ºC
    - Lower chamber: 12 ºC
- Press the "Set Upper" button and the temperature setting of the upper compartment will increase or decrease 1ºC. When the temperature setting reaches the lower limit 5ºC, the temperature will rise to 10ºC automatically.
- Each press once the "Set Lower" button, the temperature setting of the lower chamber will increase or decrease 1ºC. When the temperature setting reaches the lower limit 10ºC, the temperature will rise to 18ºC automatically.
- To know the actual temperature, please press the "Set Upper" or "Set Lower" for about 3 seconds. The display panel will show the actual temperature of each chamber. After 5 seconds, it will show the set temperature.

WC 2045 S, WC 2045 L
- When pressing the "Set Upper" or "Set lower", the system will enter the setup mode automatically. The LED will blink and the display will show the temperature setting. Press the button once and the temperature will increase or decrease 1 ℃. When it exceeds the minimum value setting, the temperature will automactically rise to the highest temperature. After 5 seconds, the LED will stop blinking and the display will show the temperature of the upper or lower chamber.

- After the appliance is unplugged, the system will return to normal temperature as specified by the manufacturer.
Normal temperature as follows:
Upper chamber: 6 ℃
Lower chamber: 12 ℃

- To see each chamber temperature settings, please press the "Set Upper" or "Set Lower". The LED will blink and the display will show the set temperature. After 5 seconds, the LED will stop blinking and then it will return to show the actual temperature.

Upper chamber: Temperature can be set from 5 ℃ to 10 ℃.
Lower chamber: Temperature can be set from 10 ℃ to 18 ℃.

WC 1022 S , WC 1022 L
- The temperature range can be adjusted from 5 ° C to the highest 18 ° C.
- When pressing the "Set Upper" or "Set lower", the system will enter the setup mode automatically. It will increase or decrease the temperature of 1 ℃. When the temperature setting reaches the highest limit 18 ° C and the lower limit of 5 ° C, the temperature setting will not be able to rise or drop again.
- To see the actual temperature, hold ▲ or▼ for about 3 seconds. After 5 seconds, it will show the set temperature.

WC 1022 S, WC 1022 L, WC 2045 S, WC 2045 L, WC 2154 S
Temperature Memory Function.
In the event of a power interruption, wine cooler can memorize and save the previous temperature setting. When the power is recovered, the cooler temperature will go back to the last set temperature.

WC 1022 S, WC 1022 L
Alarm on In Door Appliance.
When forget to close the door of the appliance or the door is not closed, the alarm will sound after 5 minutes. Make sure the door is closed perfectly to prevent loss of cold energy in the appliance.

WC 1022 S, WC 1022 L, WC 2045 S, WC 2045 L, WC 2154 S
**Temperature Alarm**
If the temperature inside is higher than 23 ° C, it will show "HI" on the display panel, and after one hour the alarm / buzzer will beep. This indicates that the temperature inside is too high. If the temperature inside is lower than 0 ° C, it will show "LO" on the display panel and at the same time the alarm also the malfunction indicator is active.

Internal Light
In order to reduce energy consumption, the LED light within this Wine Cooler cabinet will automatically switch off when the door is closed. You can also set the LED light to remain on continuously. Press and hold the "LIGHT" button for 5 seconds, the display will show "LP". After 4 seconds, the display will be back to normal and the light will stay on until it manually switches off. If you would like to revert back and save energy (recommended), press and hold the "LIGHT" button for 5 seconds, the display will show "LF". After 4 seconds, the display will be back to normal and the light will automatically switch off when the door is closed. (FOR WC 1022 S, WC 1022 L, the light will turn on when door **is** open**ed** and will turn off when door **is** closed.)

Shelf

- To prevent damage to the door gasket, make sure the door is opened perfectly when pulling off the shelf compartment.
- For easy access to the storage area, you have to pull the rack about 1/3 of the compartment. This appliance is also designed specifically on each side of the rack to prevent bottles from falling.
- Make sure the rack is already in its position. To remove or adjust the shelves of compartment, tilt the shelf according to the image below then pull and remove it.
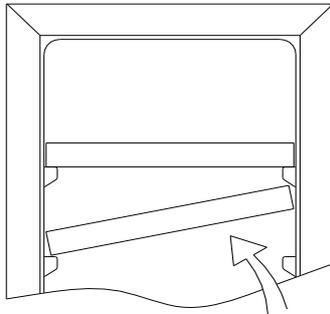
- **WC 2154 S**
  Put the shelf supports (left and right) under the square plastic block, hold the shelf upward, then pull the shelf from the Wine Cooler.
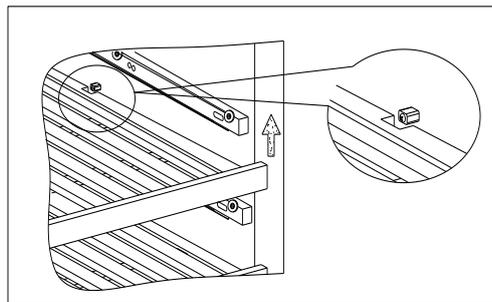
- For **WC 1022 S and WC 1022 L**, the rack is specially designed with a concave groove, a big wine bottles can also be stored in the transverse direction on the shelf.
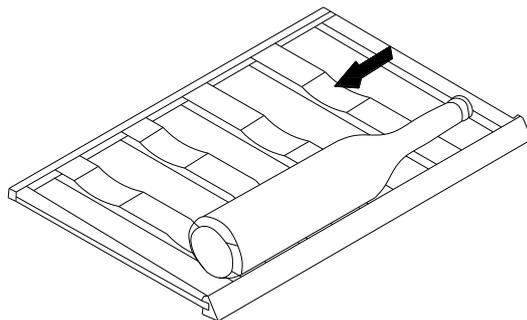

Attention!
Do not store the bottle with the transverse direction on the interior floor, it may lead the bottle to fall out when the door is opened and can cause damage to the package contents.

Change the direction to open the door of the appliance

WC 2154 S

This appliance has a reversible door but is equipped with a right hinged door. The left hand hinge kit comes with the appliance (in the box) if you want to reverse the hinge on your appliance.
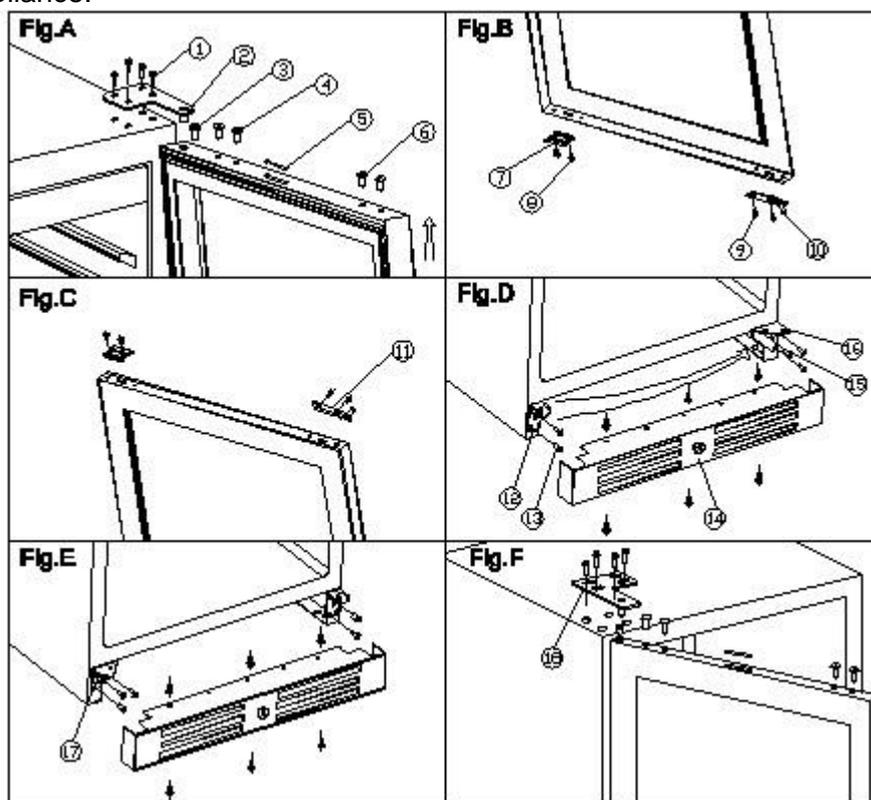
|		
1. Upper door hinge screw	**7.** Door movement plate	**13.** Door supporter screw
2. Upper right hinge	**8.** Door movement plate screw	**14.** Plinth
3. Door axis tube	**9.** Right door axis supporter screw	**15.** Lower door hinge screw
4. Decoration nail	**10.** Right door axis supporter	**16.** Lower right hinge
5. Decoration cover	**11.** Left door axis supporter	**17.** Lower left hinge
6. Decoration nail	**12.** Door supporter	**18.** Upper left hinge

1. Uninstall the upper hinge screw with screw driver (1) and then take out the right upper hinge (2). Refer to Fig. A
2. Move up and take out of the door. Put the door carefully. Refer to Fig.A
3. Remove the upper door axis tube (3), decoration nail (4, 6) and decoration cover (5). Refer to Fig.A
4. Uninstall the lower left door movement plate screw (8) and remove the door movement plate. Refer to Fig B
5. Uninstall the lower right door axis supporter screw (9) and remove the right door axis supporter (10). Refer to Fig B
6. Install the door movement plate (7) onto the upper left corner of the door. Remove the left door axis supporter (11) and door axis tube from accessory bag and install the left door axis supporter (11) onto upper right corner of the door; install the door axis tube onto lower right corner of the door. Refer to Fig. C
7. Uninstall the 6 pieces screw of plinth and remove the plinth (14); Uninstall the lower right door hinge screw (15) and door supporter screw (13); remove the right lower hinge (16) and door

supporter (12); Then Install the door supporter to right side. Refer to Fig.D

8. Take the lower left door hinge (17) from the accessory bag and then install it to left side; Then install the plinth back; Refer to Fig E

9. Rotate the door by 180 degree and insert the door axis pin into the lower left door hinge hole; Close the door and carefully install the upper left door hinge (18); Screw the decoration nail and decoration cover until secured. Fig. F.

Special for Model WC 1022 S & WC 1022 L

This appliance has a door which position can be exchanged to open the appliance.
1. Tilt the appliance upward to 45 degrees, remove the hinge screws on the bottom right with a screwdriver (Figure 1).
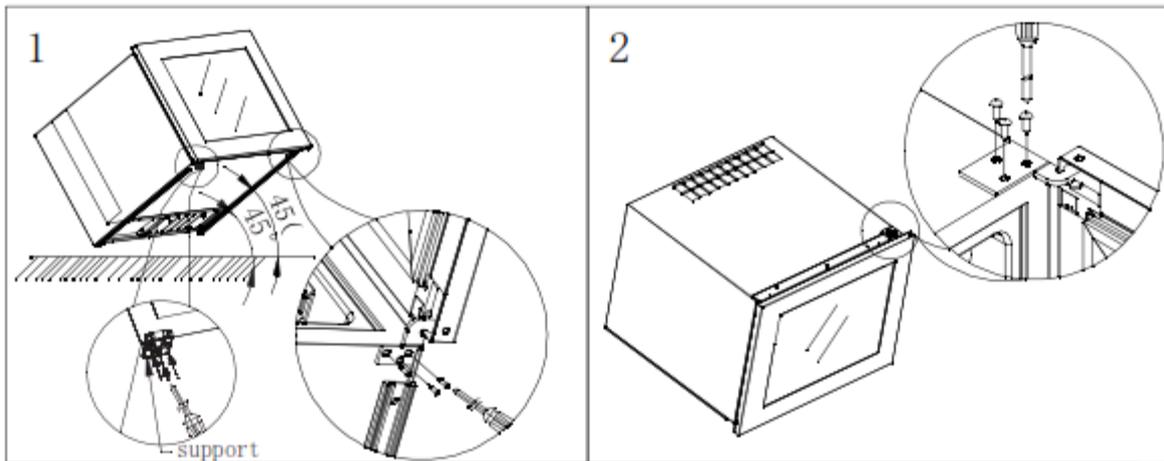
2. Level the wine cooler, hold the door and remove upper right hinge's screws with screwdriver, then take out the door, put the door safety, unscrew 2 screws at the bottom and remove the reed switch, then install at top of frame, and take out the location-plate's screws and fix the location-plate on the other side, and rotate the door 180 degree (Fig.2 & Fig.3 & Fig.4).
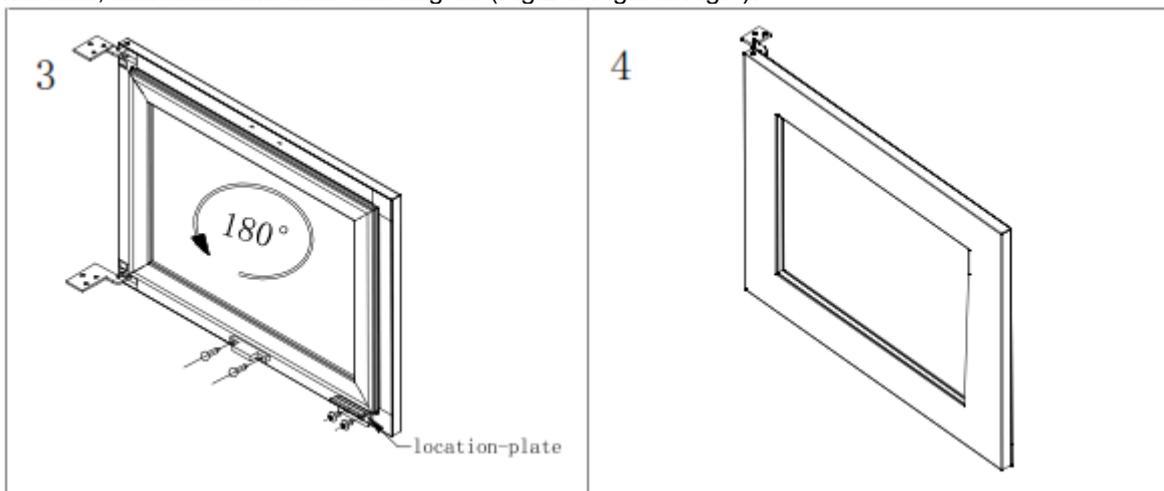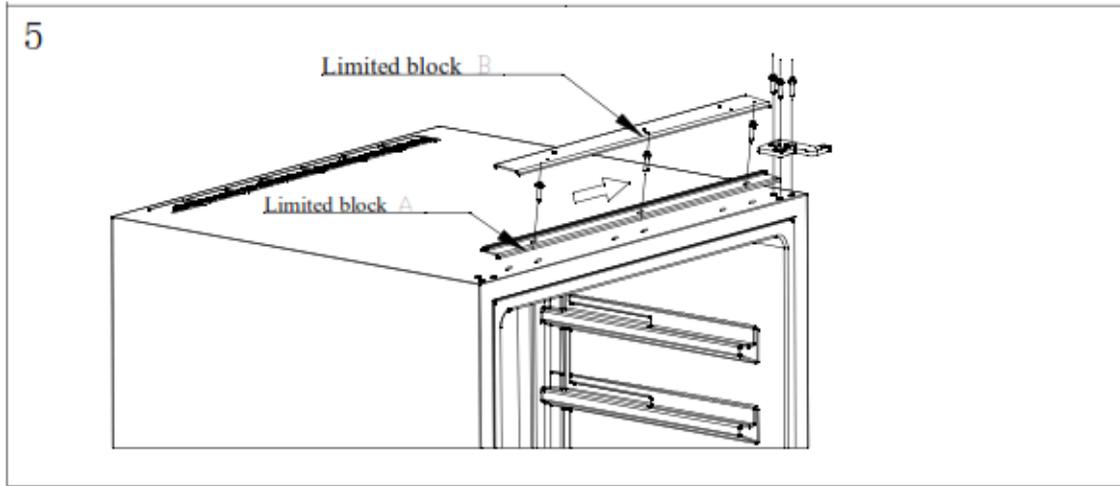
3. Remove the block B following the arrows in picture, then release all the screws on limited block A, and remove the limited block A. Install the limited block A on the right side with screws, then install limited block B, then set the door with screws, then fix the supporter on the bottom right side. (see Fig.5 & Fig.6 & Fig.7).
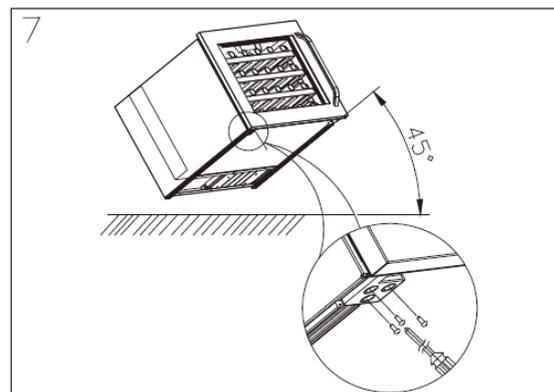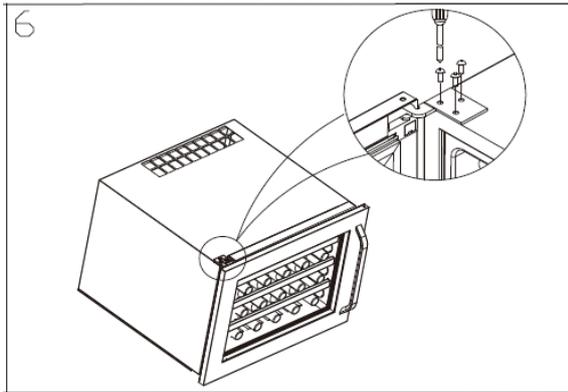
4. Some wine cooler with limited block at the bottom of cabinet. After installing the limited block on the top of cabinet. Then fix the lower limited block with screws according the holes.

Installing a built-in.
To install the appliance into a built-in, follow the instructions in the picture below.
For Model WC 2154 S

For Model WC 2045 L

Front View   Side View   Top View

For Model WC 2045 S

Front View   Side View   Top View
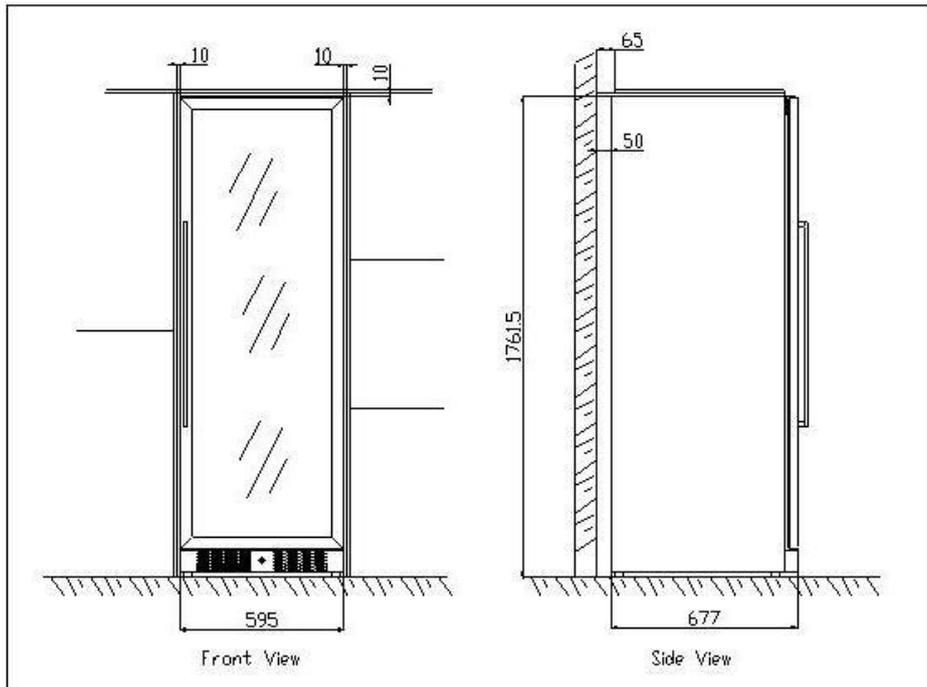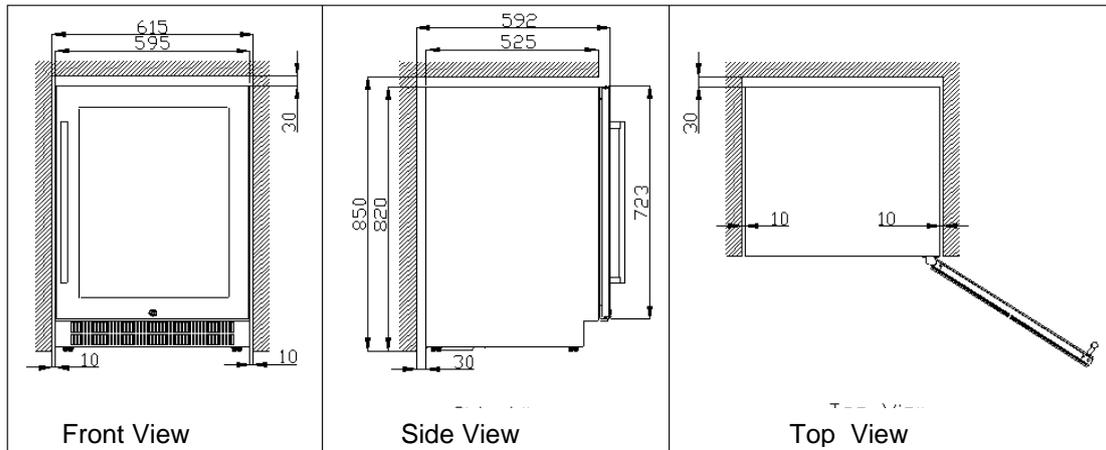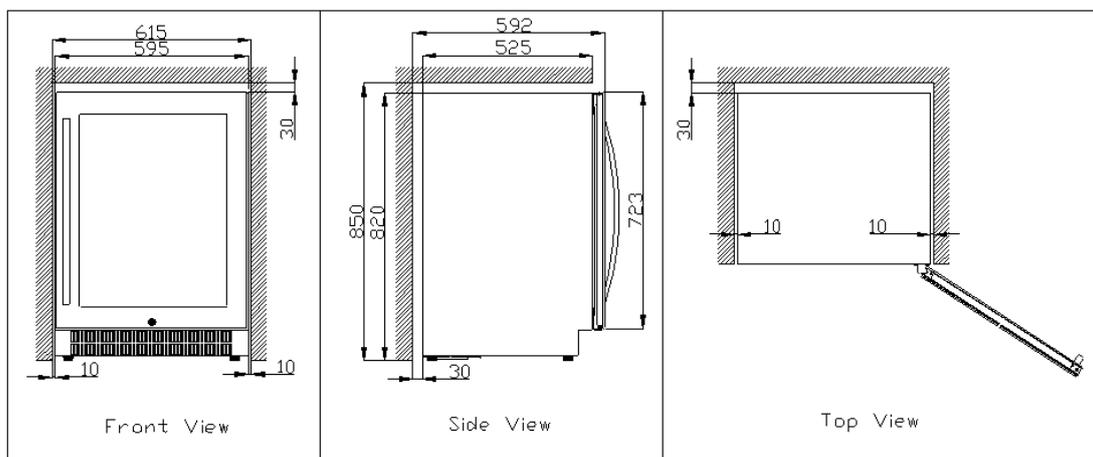
For Model WC 1022 S & WC 1022 L
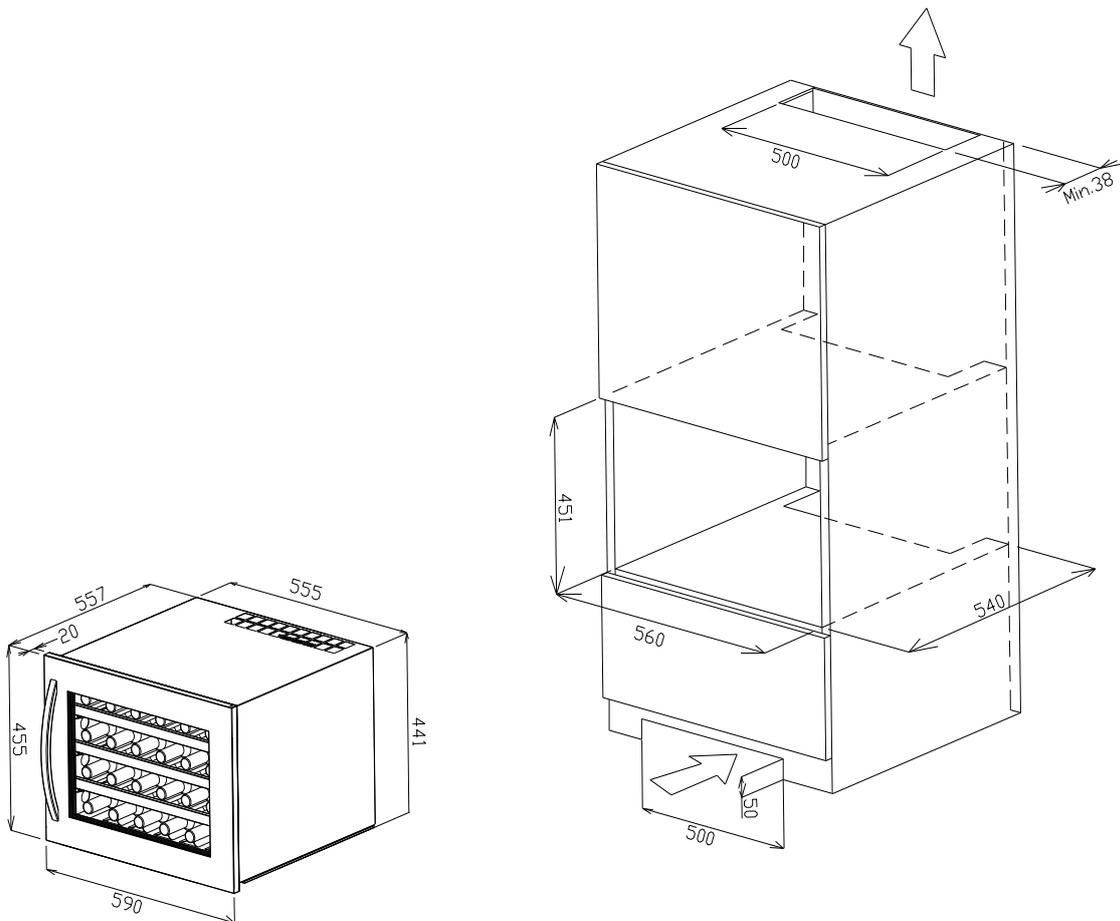
1. After installing the win cabinet into kitchen cabinet, please adjust the limited block (a) close to kitchen cabinet (b),
2. Install the 3 pcs screws through the limited block (a) screw hold into kitchen cabinet (b), see in the image below.

a.Limited Block.   b. Kitchen Cabinet.   c. Screw.   d. Screwdriver.   e. Wine Cooler

Part 5: Precaution Action

Read these safety instructions carefully. Save this manual book for easy use if necessary.

WARNING!

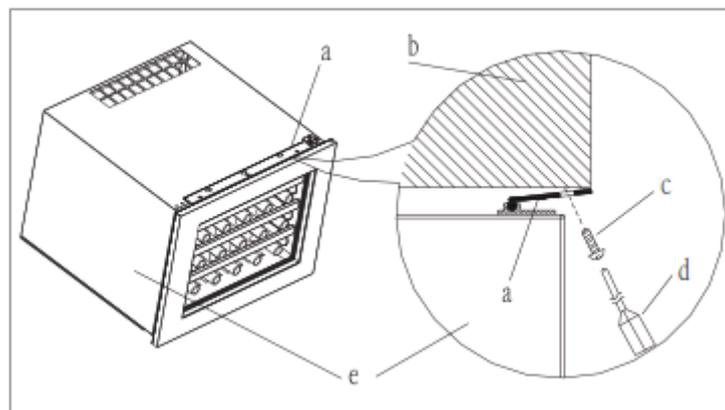|	
🚫	This appliance can be used by 8 years old children and above and those with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or not to play with the appliance. Children are prohibited to play with the appliance. Cleaning and user maintenance should not be made by children without supervision.
🚫	Children from age 3 to 8 years are allowed to load and unload-wine cooler. To avoid contamination of wine, please follow these instructions wisely: – Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance. – Clean the surfaces that can come in contact with bottles regularly and accessible drainage systems. – If the refrigerating appliance is left empty for long periods, turn off, defrost, clean, dry, and leave the door open to prevent mold developing within the appliance
🚫	Do not let the power cord pinched / squeezed by the appliance itself or by heavy objects. Do not bend / crook the power cord excessively. If the cable is damaged or flaking, can cause fire and electric shock.
🚫	Do not plug the power cord into one with other using T junction. This can cause overheating and fire. Use a power socket with a specified grounding path for this wine cooler and a power socket which can be accessed easily.
🚫	Do not hold the power cord with wet hands. There is a possibility of electric shock.
🚫	Do not use a power cord that is damaged or loose outlet. There is risk of fire, electric shock or serious injury.
🚫	Make sure your appliance has been grounded. Check if you are using a grounded power socket or not. There is a risk of electric shock if it is not equipped with grounding system.
❗	Do not unplug the power cord by pulling the cord. Always unplug the power cord by holding and pulling the head.
❗	Let wires dangling down from the power socket. If directed upward, the end of the plug will bend and break, which may lead to electric shock.
🚫	Do not use the appliance in a room with a wet floor or in a place with high humidity levels. Such things can weaken the electrical insulation and can

	lead to electrical shock hazard.
⊘	Do not place the power cord near, pass or contact with the heat source. This can cause damage to the power cord or electrical shock hazard.
⊘	Check the plug. If the plug is loose when mounted directly on the power socket, electrical insulation may be weak, which can lead to electrical shock hazard.
⊘	Do not spray or pour water into the interior or exterior of the appliance. This can cause the electrical insulation becomes weak and cause an electrical shock hazard.
⊘	Do not put glass or container of water on the appliance. Water spill can cause electric shock or damage.
⊘	Do not let children hang on the door of the appliance. The appliance may fall and harm them.
⊘	Do not move or moves the compartment pockets / shelf at the moment wine / contents is stored. Heavy contents (objects of glass or metal) can fall and can cause damage to the shelf / rack and the other interior parts.
⊘	Do not attempt to repair, remove or modify your appliance. This can result in the risk of injury or damage to your appliance. Only experienced technicians are allowed to fix this cooling appliance.
❗	Never store gas or flammable liquids inside the appliance.
⊘	Do not use flammable gas, gasoline, paint thinner, kerosene, or spray near the appliance. Such substances can cause risks of fire, explosion, accident or damage to the appliance.
⊘	Do not store medicines or academic research samples which require precise and stable temperature in the appliance.
⊘	Never put your hand or finger to the back / bottom of the appliance, especially on the back of the appliance. The sharp metal edge of the appliance or electric shock can injure you.
⊘	Do not try to replace the fuse or bulb by yourself. Please contact the service center or your nearest service agent to replace it immediately.
⊘	When you find that the appliance power cord is damaged or broken, contact a service center or your nearest service agent to replace it immediately.

🚫	When you dispose of the appliance, make sure to remove the door first. Children can be trapped and can suffocate inside the appliance which still equipped with door.
🚫	Make sure that when it is in built-in condition, the appliance has sufficient ventilation and unobstructed.
🚫	Do not use mechanical devices or other equipment to speed up the process of melting / defrost.
🚫	Do not use / insert electronic equipment into a beverage or other accessories that are inside the appliance.
🚫	Do not use cleaning tools with flammable liquids.
🚫	Do not use flammable materials, explosive or corrosive materials such as paint thinner, gas or acid to clean the refrigerator or keep them in the appliance.

Part 6 : Point of Attention

DURING A POWER OUTAGE
- Unplug the power cord.
- Plug the power cord 10-15 minutes after the power is back on.

LEFT UNUSED FOR A LONG PERIOD OF TIME
- Unplug the power cord.
- Remove all goods in the compartment
- Clean the inside of the compartment
- Leave the door open to dry the compartment thoroughly and prevent fungi or bad odor.

RELOCATION
- Unplug the power cord.
- When moving the appliance, make sure the wheels are not damaging the power cord and the appliance is stand upright.
- Avoid hitting the stairs, doorways, etc.
- Make sure that the appliance is emptied or fill the empty space with foam.

ATTENTION :

This appliances is using R600a as a refrigerant. Flammable and explosive substances should not be put in or near the cabinet, to avoid the fire or explosion hazard.

This symbol indicates that this product must not be disposed of with other household waste especially if used throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal.

Part 7: Troubleshooting

Please check these following before contacting the Call Center if a problem occurs:

Appliance is not working	- Is the power cord unplugged? - Is there a problem with the power source / fusebox? - Is the circuit breaker activated?
Appliance is not cold	- Is the temperature properly regulated? - Are there any objects blocking the way out cold air? - Are there too many drinks stored in the appliance? - Is the door of the appliance opened too frequently? - Is the condenser blocked? - Is the appliance installed in a hot environment?
The drinks are frozen	- Is the thermostat set to very cold? - Does the appliance have poor ventilation?
Noise	- Is the appliance placed on a flat surface? - Does the back of the appliance touch the wall or other objects? - ~~Does the appliance touch the~~ ~~other objects?~~
The light does not work	- Is the power cord pulled out of the power socket? - Is there a power source / fuse disconnected? - Is the light bulb broken? - Is the light switch in off condition?

Part 8: Specification

MODEL	WC 2154 S
Color	Stainless (S)
Number of doors	1
Total of compartment	2
Number of removable shelves	8
Shelves material	Wood without stainless trim
Capacity	154 Bottle
Temperature (celcius)	5-10 upper
	10-18 lower
CFC-free compressor	Yes
For tropical region	Yes
Lamps in the refrigerating compartment	Yes
Fan Cooling System	Yes
Refrigerant	600a
Power (watt)	150
Voltage (Volt)	220
Electric current(A)	0.6
Frequency (Hz)	50
Product dimension (LxWxH) mm	680 x 595 x 1762
Weight(Kg)	104

MODEL	WC 2045 S	WC 2045 L
Color	Stainless (S)	Black (L)
Number of doors	1	1
Total of compartment	2	2
Number of Shelves can be removed	5	5
Shelves material	Wood without stainless trim	Wood without stainless trim
Capacity	45 Bottle	45 Bottle
Temperature (celcius)	5-10 upper	5-10 upper
	10-18 lower	10-18 lower
CFC-free compressor	Yes	Yes
For tropical areas	Yes	Yes
Lamps in the refrigerating compartment	Yes	Yes
Sistim Fan Cooling	Yes	Yes
Refrigerant	600a	600a
Power (watt)	100	100
Voltage (Volt)	220	220
Electric current(A)	0.6	0.6
Frequency (Hz)	50	50
Product dimension (LxWxH) mm	595 x 572 x 820	595 x 572 x 820
Weight(Kg)	48	48

MODEL	WC 1022 S	WC 1022 L
Color	Stainless (S)	Black (L)
Number of doors	1	1
Total of compartment	1	1
Number of Shelves can be removed	3	3
Shelves material	Wood without stainless trim	Wood without stainless trim
Capacity	22 Bottle	22 Bottle
Temperature (celcius)	5-18	5-18
CFC-free compressor	Yes	Yes
For tropical areas	Yes	Yes
Lamps in the refrigerating compartment	Yes	Yes
Sistim Fan Cooling	Yes	Yes
Refrigerant	600a	600a
Power (watt)	70	70
Voltage (Volt)	220	220
Electric current(A)	0.5	0.5
Frequency (Hz)	50	50
Product dimension (LxWxH) mm	555 x 557 x 441	555 x 557 x 441
Weight(Kg)	27	27

S = Stainless   W= White   V = Silver   G = Grey   L = Black
Specifications of this appliance may change without notice to improve the quality of the product. Pictures in this manual are schematic and may not match your product exactly. Values stated on the machine labels or in the documentation accompanying it are obtained in laboratory in accordance with the relevant standards. Depending on operational and environmental conditions of the appliance, values may vary.

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