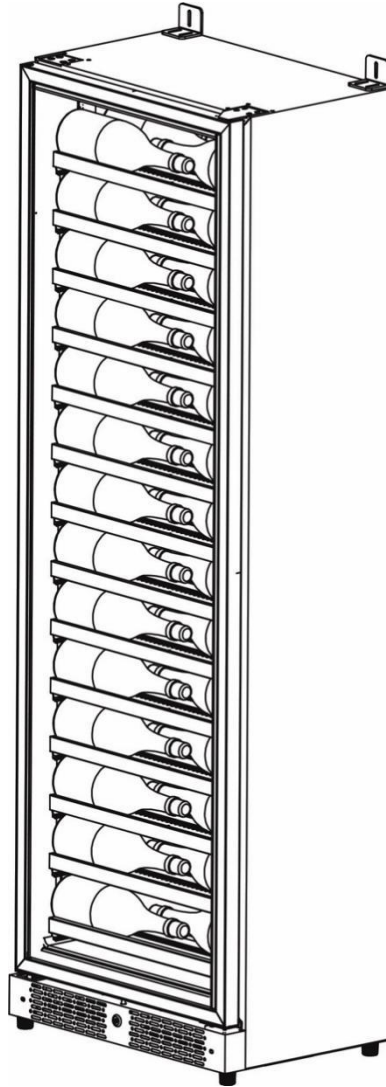


Shallow Refrigerator Series

SK168B, SK168W, SK168D



SCHMICK 
Australia

THANK YOU FOR PURCHASING A SCHMICK BEVERAGE COOLER.

**BEFORE USE, PLEASE READ AND FOLLOW ALL SAFETY RULES AND
OPERATING INSTRUCTIONS.**

Safety Tips

Before using this appliance, it must be properly positioned and installed as described in this manual, so please read carefully. To reduce the risk of fire, electrical shock or injury when using the appliance, follow these basic precautions.



- The refrigerator is designed to be fixed on the wall. If it is not fixed on the wall, the machine can easily tip over, resulting in personal injury, if you can't secure the item a different way please use the brackets provided.
- Plug into a grounded Australia 3-prong outlet. Do not under any circumstances cut or remove the third ground prong from the power cord supplied, do not use an adapter, and do not use an extension cord.
- It is recommended that a separate circuit, serving only your appliance be used. Do not use outlets that can be turned off by a switch or pull chain.
- Unplug the appliance or disconnect power before cleaning or servicing. Failure to do so can result in electrical shock or death.
- Do not attempt to repair or replace any part of your appliance unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.



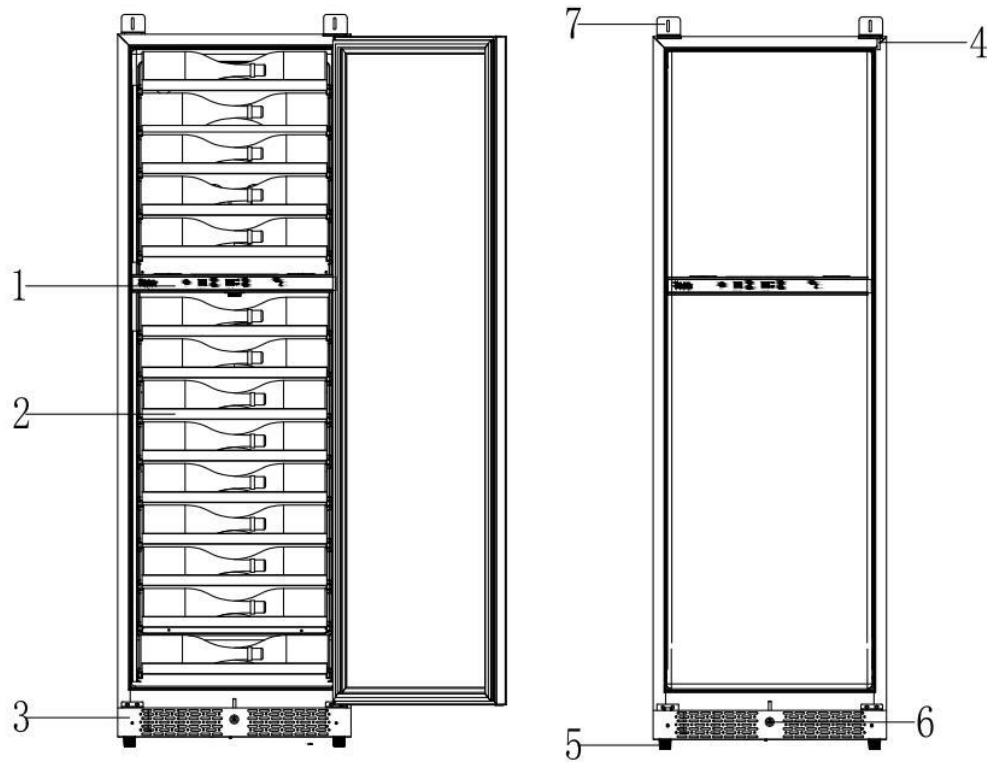
- Use two or more people to move and install appliance. Failure to do so can result in back or other injury.
- **-Queensland** installation/servicing requirement: Needs an authorized Gas Repair Job (hydrocarbon refrigerants) if the appliance gas system is being opened or charged.



- To ensure proper ventilation for your appliance, the front of the unit must be completely unobstructed. Choose a well-ventilated area with temperatures above 10°C and below 38°C. This unit must be installed in an area protected from the element, such as wind, rain, water spray or drips.
- The appliance should not be located next to ovens, grills or other high heat sources or in areas of extreme cold.
- The appliance must be installed in accordance with state and local codes. A standard electrical supply (220 V-240V AC only, 50 Hz), properly grounded in accordance with the National Electrical Code and local ordinances is required.
- Do not kink or pinch the power supply cord of appliance.
- The fuse (or circuit breaker) size should be 10 amps.
- It is important for the appliance to be leveled in order to work properly. You may need to make several adjustments to level it.
- Never allow children to operate, play with or crawl inside the appliance. Child entrapment and suffocation are not just problems of the past, junked or abandoned appliances are still dangerous. When no longer using your old wine cellar, take off the door and leave the shelves in place so that children may not climb inside easily.
- Do not use solvent-based cleansers or abrasives on the interior as they may damage or discolor the interior.
- Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this appliance. However, if you must use an extension cord, it is absolutely necessary that it be SAA Electrically Approved, 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 220 V-240V volts and at least 10 amperes.
- If the appliance is going to be used in an area that is prone to power surges/outages, it is suggested that you use a power surge protector. The surge protector that you select must have a surge block high enough to protect the appliance it is connected to. Damages due to power surges are not considered a manufacturer covered defect and will void your product warranty.
- The cord should be secured behind the appliance and not left exposed or dangling to prevent accidental injury. Never unplug the appliance by pulling the power cord. Always grip the plug firmly and pull straight out from the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord with cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.
- For safety reasons and to ensure the optimum functionality of the wine cooler it's important that you connect your wine cooler using an earth/ground connection plug and keep the wine cooler perfectly plumb and level.
- The wine coolers in this instruction manual are suitable for freestanding and built-in installation. Don't place a built-in wine cooler on a heated surface such as heated flooring, as this will affect the cooling function.
- Do not use this apparatus for other than its intended purpose.

Failure to heed these safety warnings may result in extensive product damage, serious personal injury, or death.

Diagram and Description



1. Control Panel
2. Sliding Shelves
3. Front Ventilation Base
4. Door Hinge
5. Adjustable Feet
6. Security Lock
7. Wall Mount Safety Brackets

Installation Instructions

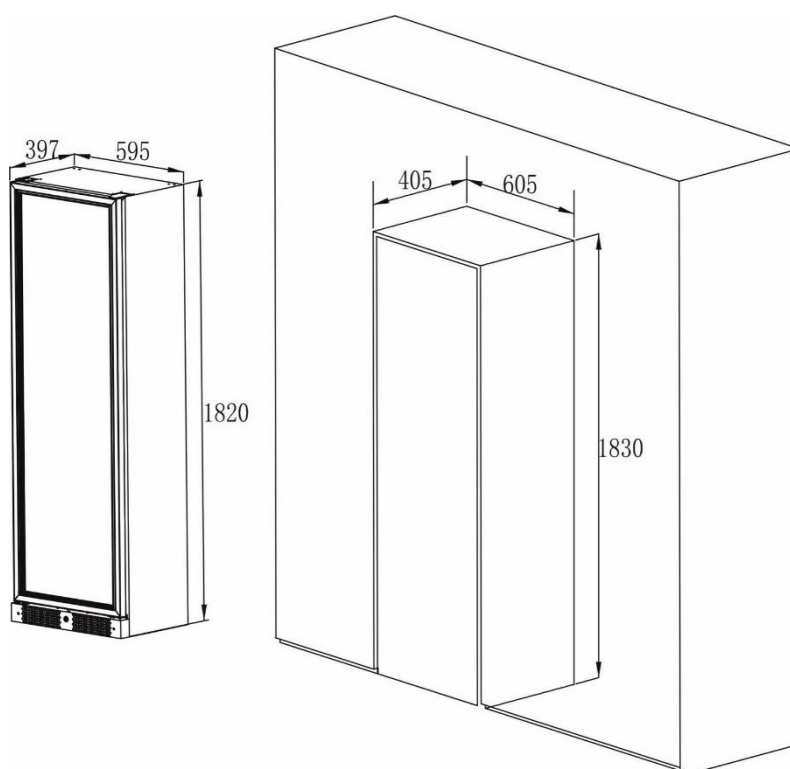
BEFORE USE:

- Remove the exterior and interior packaging.
- Before connecting the unit to the power source, let it stand upright for approximately 2 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation.
- Clean the interior surface with lukewarm water using a soft cloth.
- Install handles.
- This appliance is designed for built-in (fully recessed) installation, please fix the unit on the wall with the strap firstly
- Place the unit on a flat, solid floor that is strong enough to support it when it is fully loaded. To level the appliance, adjust the front leveling leg at the bottom of the unit.
- When moving your wine cellar, please do not incline it more than 45 degrees.
- Locate the appliance away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the unit to perform improperly. The optimal ambient temperature range is 10°C - 38°C.
- Avoid locating the unit in damp areas.
- Plug the wine cellar into an exclusive, properly installed and grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or electrical grounding should be directed to a certified electrician or authorized products service center.
- After plugging the appliance into a wall outlet, allow the unit to cool down for 3 to 4 hours before placing wine bottles in the appliance.

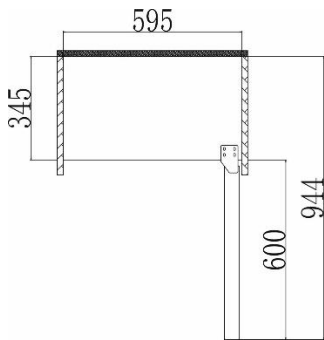
Installation diagram

This refrigerator is for free standing or to be installed inside a cavity, it vents through front so the front grill must be clear at all times, otherwise it will affect the refrigerators ability to function normally. Please follow the installation diagram.

SK168W & SK168D & SK168B



DOOR OPENING ANGLE AND DIMENSIONS

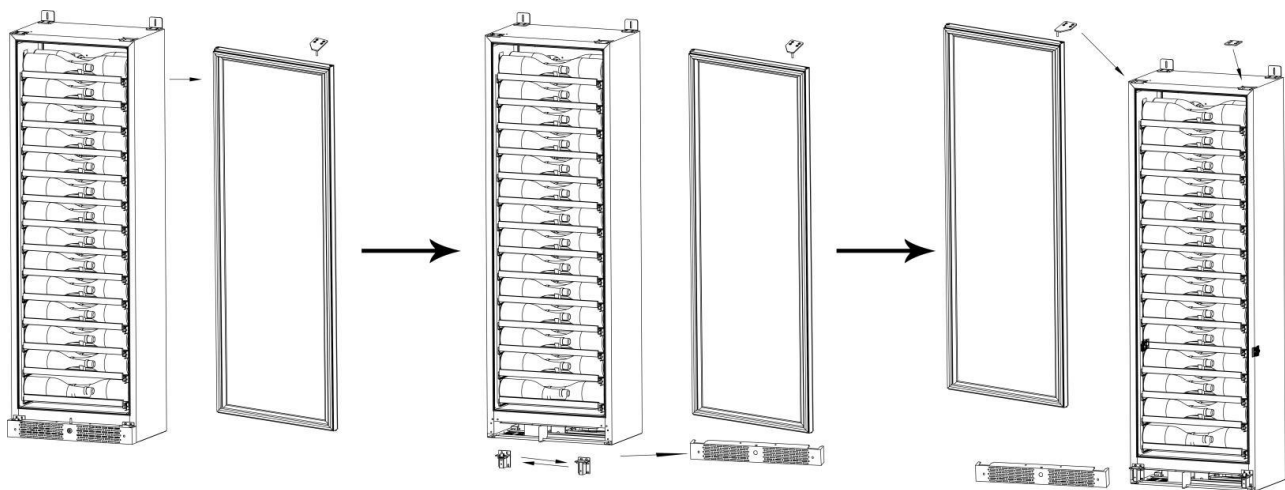


Reverse the door

Step 1: remove the right top hinge, then we can remove the door

Step 2: remove the bottom grill and exchange the bottom hinge

Step 3: install the door on the left bottom hinge, then install the left top hinge and install the hinge cover on the right top



Operation Instructions

The refrigerator should be placed in an area where the ambient temperature is between 10-38 degrees Celsius. If the ambient temperature is above or below this range, the performance of the unit 'may' be affected. For example, placing your unit in extreme cold or hot conditions may cause the interior temperatures to fluctuate.



Your Wine Cooler includes an operating panel on the front. The operating panel includes several features to operate and control the temperature of the refrigerator, including:

ON/OFF - Turns the unit on or off

UPPER ZONE - Displays the temperature of the upper zone (not available on single zone models)

UP/DOWN Buttons – Increases or decreases the temperature in 1 degree increments

LOWER ZONE - Displays the temperature of the lower zone

°C / °F – Indicates whether the displayed temperatures are in Celsius and Fahrenheit

°C / °F Button – Toggles the displayed temperatures between Celsius and Fahrenheit

LIGHT – 1. Press the LIGHT button to turn the light on/off, or change the light color. The order of change is as follows: ON, red, orange, green, blue, white, OFF.

2. While holding down the LIGHT button, press the UP button to increase the brightness, or press the DOWN button to decrease the light brightness. Brightness is divided into 5 levels: 20%, 40%, 60%, 80% and 100%.

SELECT – Toggles between the upper and lower zone for temperature adjustment (not available on single zone models)

UPPER/LOWER – Indicates whether you are adjusting the temperature for the upper or lower zone (not available on single zone models)

If you are going on vacation, you may leave the wine cellar operating during vacations of less than three weeks. If the appliance will not be used for several months, you should remove all items and turn off the appliance. Clean and dry the interior thoroughly. To prevent mold growth, leave the door open slightly, blocking it open if necessary.

Setting Temperature

This appliance is intended to be used exclusively for the storage of beers and wines. The appliance is not suitable for preservation of fresh foods. Please set the temperature according to your desired drinking temp.

All wines mature optimally at the same ideal temperature, which is a constant temperature set between 12°C to 14°C. This being said and as it is for natural cellars used by wine producers for long period of storage, it is not the exact temperature that is important, but its consistency. In other words, as long as the temperature of your wine cooler is constant (12°C - 14°C) your wines will be stored in perfect conditions.

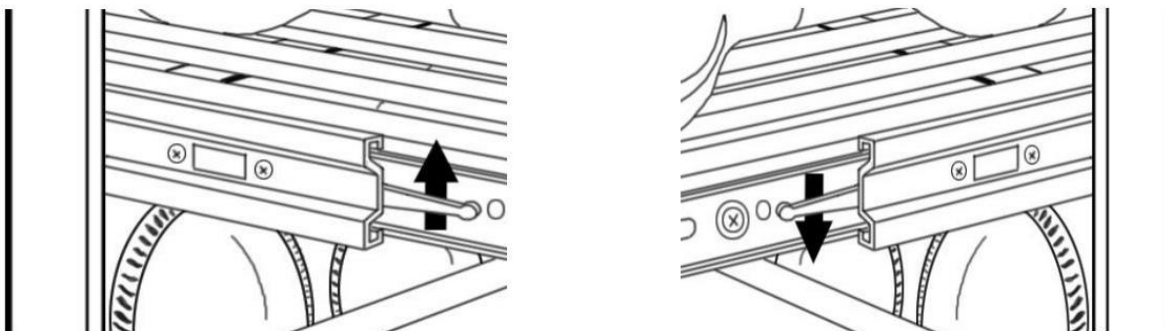
You can set the temperature as you desire by touching the UP or DOWN button. When you touch the buttons for the first time, the LED readout will show the original temperature set at the manufacturing facility. Each push of the button will adjust the temperature by one degree in the desired direction. Please be aware that the desired temperatures may fluctuate depending on whether the interior light is ON or OFF and depending on the orientation of the bottles. The display fluctuates, this is normal, actual wine temp is much more stable than display.

PLEASE NOTE:

- In the event of a power interruption, all previous temperature settings will be automatically saved and each compartment will return to the previous temperature setting.
- If the unit is unplugged, loses power, or is turned off, you must wait 3 to 5 minutes before restarting. Attempting to restart the wine cellar before this time has elapsed may prevent it from starting.
- When you use the refrigerator for the first time or restart the wine cellar after having been shut off for a long time, there will be a few degrees variance between the temperature you select and the one indicated on the LED readout for the first few hours of operation. After a few hours of operation, the temperature will normalize to the displayed temperature.

Racking Configuration

Disperse your bottles evenly throughout the unit so as not to concentrate weight in any one area. This also helps to provide an even temperature range throughout the unit. Make sure that bottles are not all grouped together either at the top or bottom of the cabinet. ****Never** try to pull out more than one sliding shelf at a time as it can cause the appliance to tip forward.



Each of the sliding shelves are removable. To remove a shelf, pull it out as far as you can. There are levers on each side of the shelf near the rollers. Lift the lever on the left-hand side and push down the lever on the right-hand side to remove the shelf from the tracks.

Care and Maintenance

Cleaning your refrigerator:

- Turn off the power, unplug the appliance, and remove all items.
- Wash the inside surfaces with warm water and baking soda solution. The solution should be about 2 tablespoons of baking soda to a cup of water.
- Wash the shelves with a mild detergent solution.
- Wring excess water out of the sponge or cloth when cleaning area of the controls, or any electrical parts.
- Wash the outside cabinet with warm water and mild liquid detergent. Rinse and wipe dry with a clean soft cloth.
- Use eucalyptus oil to wipe the 'door seal' every 12 months
- Dust the front grill and back of the unit twice yearly. Make sure the power is off before cleaning.
- It is recommended to clean the unit completely inside and out yearly to maximize the longevity of the product.

Moving your wine cellar:

- Remove all bottles and any other items you may have inside the unit.
- Securely tape down all loose items (shelves) inside your appliance and tape the door shut.
- Turn the adjustable leg up to the base to avoid damage.
- Be sure the appliance stays secure in the upright position during transportation.
- Protect the outside of the appliance with a blanket or similar item.

Troubleshooting

There are many common issues you may experience with your refrigerator that can be solved very easily, without the need of a service call. Try the tips below to troubleshoot your unit should you experience any problems:

PROBLEM	POSSIBLE CAUSE	SOLUTION
1. Refrigerator does not operate	1. Not plugged in 2. The appliance is turned OFF at the control panel 3. The power outlet is powered off or the output voltage is too low 4. The circuit breaker has tripped, or a fuse has blown out	1. Press ON/OFF 2. Check and make sure the power plug is well connected 3. Ask a technician to check whether the power outlet has an accurate voltage output 4. Ask an technician for help
2. Refrigerator is not cold enough; cannot cool down to the preset temp.	The compressor does not start	ask a technician for help / check the connection of the compressor
	The ambient temperature is too high (over 100°F 38°C)	Move the refrigerator to a cool and ventilated place
	Place too many bottles at once	Put in the bottles in batches. It is recommended not to exceed 1/3 of full load at a time. After the temperature in the cabinet drops to the set temperature, store the next batch.
	The inlet and outlet of the front grille are blocked.	Remove objects that may block the air inlet and outlet
	The door is not closed tightly, or the door gasket is not properly sealed.	Please refer to the problem #6 “The door will not close properly” and its solutions. Then unplug the power plug for 5 hours, wait for the ice on the evaporator melt, restart the refrigerator.
	The door opening time is too long or too frequent	Reduce the times/frequency of door openings.
	There are other objects besides drink bottles in the cabinet, which affects the air circulation.	This refrigerator is designed for wine storage, if there are other objects, please remove it. The number of bottles placed on each layer cannot exceed the standard configuration.
	If the refrigerator is placed outdoors or in a place with a lot of dust/oil stains, after a period of time, a large amount of dust will accumulate on the condenser fins, which will affect the cooling effect.	Move the refrigerator to a place with less dust, regularly check the dust accumulation status, and clean it with a blower.

	Fans (condenser fan or evaporator fan) stop working or operate at low speed	Ask the technician to check whether there is a standard voltage on the fan terminal when turning on the power. If the voltage is abnormal, please check the switching power supply or the motherboard or circuit failure. If the voltage is normal, the fan may be damaged, please replace with a new fan.
	The compressor or its accessories are damaged	Turn off the power and ask the technician to diagnose.
3. Compressor starts and stops frequently	The door is not closed tightly.	Please refer to the problem #6 “The door will not close properly” and its solutions. Then unplug the power plug for 5 hours, wait for the ice on the evaporator melt, restart the refrigerator.
	The door gasket is not properly sealed.	1. Use low heat on a hairdryer to make the door seal take shape. 2. Replace with a new door gasket.
	The door is opened too often.	Reduce the times/frequency of door openings.
	The ambient temperature is too high (over 100°F 38°C)	Move the refrigerator to a cool and ventilated place
	Improper setting of temperature and the temperature variances	Properly increase the temperature and its variances
	The temperature sensor is not connected correctly.	Read the wiring diagram to make the correct connection of the sensor.
	The sensor is faulty.	Replace with a new sensor
4. The light does not work.	Not plugged in, or the light button is "OFF." Not enough brightness. The light itself is faulty. PCB circuit faulty.	1. Adjust the brightness of the lamp according to the operating instructions. 2. Replace with new bulb; the lamp has its polarity. 3. Find a technician to repair.
5. The Refrigerator seems to make too much noise.	No standing hours before connecting the refrigerator to the power source.	Turn off the power and let it stand for hours.
	The stand feet is not leveling; vibrations lead to noise	Adjust the stand feet and ensure they are leveled.
	The floor is not stable enough	Move to a solid and stable floor
	Hot and cold contraction sounds of the inner tank and other plastics	No action required. It will gradually disappear.
	Copper pipe hits other objects and makes noise	Gently adjust the position of the pipe.
	The vibration of internal moving parts caused by inertia when the compressor is stopped or started	It's normal, no action required.
	A liquid plumbing noise may come from the flow of the refrigerator gases, like water in pipes.	As each cycle ends, you may hear gurgling sounds. It's normal, no action required.

	Vibration of cooling copper pipes or fans hit other objects	Open the back cover of the refrigerator, and properly adjust the copper pipes and wires so that they will not hit or resonate with other objects.
	Compressor or fan itself failure	Find a technician to repair.
6. The door will not close properly.	Door is blocked by the non-standard size bottles	Adjust the position of bottles, or the number of shelves appropriately
	The hinges of the upper and lower doors are loose	Adjust and fix the door hinge
	The door sealing rubber is deformed	1. Use low heat on a hairdryer to make the door seal take shape. 2. Replace with a new door gasket.
	The door body is deformed	Replace with a new door
7. Evaporator ice up	The door is not closed tightly, or the door gasket is not properly sealed.	Please refer to the problem #6 “The door will not close properly” and its solutions. Then unplug the power plug for 5 hours, wait for the ice on the evaporator melt, restart the refrigerator.
	Poor cooling performance. The fridge does not cool or cannot reach the preset temperature value.	Please refer to the problem #2 “Refrigerator is not cold enough; cannot cool down to the preset temp.” and the corresponding solutions. Then unplug the power plug for 5 hours, wait for the ice on the evaporator melt, restart the refrigerator.
	The compressor never stops even if the refrigerator cools and reaches the preset temperature value	The controller (PCB board) or temperature sensor is faulty, please ask a technician to repair.
8. External cabinet seems too hot	The ambient temperature is too high (over 100°F 38°C)	Move the refrigerator to a cool and ventilated place
	The inlet and outlet of the front grille are blocked.	Remove objects that may block the air inlet and outlet
	If the refrigerator is placed outdoors or in a place with a lot of dust/oil stains, after a period of time, a large amount of dust will accumulate on the condenser fins, which will affect the cooling effect.	Move the refrigerator to a place with less dust, regularly check the dust accumulation status, and clean it with a blower.
	The condenser fan stops working or operates at low speed	Ask the technician to check whether there is a standard voltage on the fan terminal when turning on the power. If the voltage is abnormal, please check the switching power supply or the motherboard or circuit failure. If the voltage is normal, the fan may be damaged, please replace with a new fan.
9. Condensation (water/fog) on the glass door	Ambient humidity is high (above 60%)	Use a soft cloth to wipe dry the water
	The door opening is too frequent	Reduce the frequency of door openings.
	The door does not close properly.	Please refer to the problem #6 “The door will not close properly” and its solutions. Then unplug the power plug for 5 hours, wait for the ice on the

		evaporator melt, restart the refrigerator.
10. Water leakage (outside of the cabinet)	Condensation dripping from the glass door to the floor	Please refer to the problem #9 “Condensation on the glass door” and its solutions.
	Water overflows in the water pan next to the compressor	Open the back cover of the compressor and make sure that the water pipe is in the water receiving tray.
11. Water leakage inside the cabinet	The outlet of the water tray below the evaporator is blocked	Remove the blockages
	The water pipe connected to the water tray under the evaporator falls off.	Re-connect the water pipe, glue it with glue and tighten it with cable ties
	The water tray cannot catch all the water drops from the evaporator	Re install the water tray.
12. High humidity in the cabinet or condensation on the bottle surface	Ambient humidity is high	Move the refrigerator to a cool and ventilated place
	The door opening time is too long or too frequent	Reduce the times/frequency of door openings.
	The door does not close properly.	Please refer to the problem #6 “The door will not close properly” and its solutions.
13. The temperature difference between the bottles inside the cabinet is large	There are other objects besides drink bottles in the cabinet, which affects the air circulation.	This refrigerator is designed for wine storage, if there are other objects, please remove it. The number of bottles placed on each layer cannot exceed the standard configuration.
	The running time is too short, and the system has not reached a stable state.	No action required. After extending the cooling time, the temperature inside the cabinet will be uniform.
	The upper and lower temperatures are not preset properly. (only applicable to dual-zone wine cabinets)	Adjust the temperature setting value; the best setting is that the preset value in the LOWER zone is 9°F (5°C) higher than the UPPER zone.
14. The power consumption is different from the value on the label	Power consumption is related to many factors, such as ambient temperature, ventilation conditions, the number of bottles in the cabinet, preset temperature, and voltage level. The actual situation may differ from the power consumption indicated on the label. This is normal.	No action required.
15. Incomplete display characters	The number on the display is missing one or two strokes	The wiring of the display is poor connected. In most cases, it will not affect the cooling function of the refrigerator.
	The display is not displayed, but the keys have sound	Find a technician to repair.
16. Button failure	The door opening time is too long, resulting in too much condensation on the glass panel	Avoid opening the door for a long time when the machine is turned on, it will return to normal in ten minutes after the door is closed.
	Signals such as cars, hair dryers, induction cookers, and mobile phones accidentally interfere with the wine cabinet	Keep away from the signal source, turn off and unplug the power, then restart the refrigerator.

	Display or control board failure.	Find a technician to repair.
17. There is smell inside the cabinet	The new machine may leave a small amount of environmental cleaner	No action required, it will disappear gradually
	The smell of wooden shelves	No action required, it will disappear gradually
18. Error code U1, C1, U2 or C2	Error code U1 or C1 means the sensor in the UPPER zone is short-circuit or open-circuit.	The sensor in the UPPER zone is defective, or the socket/plug with UP mark on PCB is poor connected. Please check the connection or replace the sensor.
	Error code U2 or C2 means the sensor in the LOWER zone is short-circuit or open-circuit.	The sensor in the LOWER zone is defective, or the socket/plug with DOWN mark on PCB is poor connected. Please check the connection or replace the sensor.
19. Error code HH	High-temperature alarm	Please refer to the problem #2 “Refrigerator is not cold enough; cannot cool down to the preset temp.” and its solutions. Then unplug the power plug for 5 hours, restart the refrigerator.
20. Error code LL	Low-temperature alarm	1. Unplug the power for 5 hours, restart the refrigerator and check again. 2. Check or replace the sensors and control board. 3. Check or replace the the electromagnetic valve

Technical Specifications

MODEL NO.	SK168D	SK168W	SK168B
VOLUME	209L	213L	213L
DIMENSION	595W*397D*1820H	595W*397D*1820H	595W*397D*1820H

	(with feet height)	(with feet height)	(with feet height)
TYPE OF COOLING	compressor with air-circulated fan cooling	compressor with air-circulated fan cooling	compressor with air-circulated fan cooling
Climate Category	SN/N/ST	SN/N/ST	SN/N/ST
Electric Shock Protection Rating	I	I	I
Rated Voltage	220-240V	220-240V	220-240V
RATED CURRENT(A)	0.5A	0.5A	0.5A
REFRIGERANT	R600a	R600a	R600a
AMBIENT TEMPERATURE	50 - 100 °F (10 -38°C)	50 - 100 °F (10 -38°C)	50 - 100 °F (10 -38°C)
TEMPERATURE RANGE	Upper Zone: 41-60 °F (5 - 15°C); Lower Zone: 45-64 °F (7 - 18°C)	34-64 °F (1 - 18°C);	34-64 °F (1 - 18°C);
NET WEIGHT	101kg	100kg	100kg

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Postal: P.O Box 166, Sebastopol, Vic, 3356

Warehouse: 40 Production Drive, Alfredton, Vic, 3350

Phone: 03 53376399 Service **1300 170640**

Email: admin@bar-fridges-australia.com.au

Web: www.bar-fridges-australia.com.au