

USER MANUAL

KBU-25 / 50 / 100 / 170 SINGLE ZONE BEVERAGE REFRIGERATOR

CAREL controller



COMPRESSOR REFRIGERATORS



CONTENTS

Congratulations

Thank you for choosing KingsBottle refrigerators.

Do not operate this appliance for a minimum of 2 hours once the unit is located in its final position.

We are sure you will find your new appliance an absolute pleasure to use and that it will bring you many years of trouble-free operation.

Before installing and switching this unit on please read through all of the relevant sections of this manual to gain an understanding of your refrigerators functions, care, and maintenance requirements.

To avoid the risks that are present when using an electrical appliance, it is important that this unit is installed correctly. Please read the safety instructions carefully to avoid any possibility of misuse, and any unforeseen hazards.

We recommend that you keep this instruction booklet for future reference and request that you pass it on to any future owner.

After unpacking the appliance, check thoroughly to ensure that the unit is not damaged in any way. If in doubt, do not use the appliance and make immediate contact with your local customer care centre.

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PART I IMPORTANT SAFETY INSTRUCTIONS

Please read the user manual carefully and store in a handy place for later reference. The symbols you will see in this booklet have these meanings:



This symbol indicates information concerning your personal safety



This symbol indicates information on how to avoid damaging the appliance



This symbol indicates tips and information about use of the appliance



This symbol indicates tips and information about economical and ecological use of the appliance



TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY WHEN USING YOUR APPLIANCE, FOLLOW THESE BASIC PRECAUTIONS:

1. Read all instructions before using this refrigerator.
2. DANGER or WARNING: Risk of child entrapment. Child entrapment and suffocation are not simply problems of the past. Junked or abandoned appliances are still dangerous... even if they "just sit in the garage for a few days".
3. Before you throw away your old refrigerator:
 - Take off the door.
 - Leave the shelves in place so that children do not climb inside easily.
4. Never allow children to operate, play with, or crawl inside the appliance.
5. Never clean appliance parts with flammable fluids. The fumes can create a fire hazard or explosion.
6. Do not store in the vicinity of any other appliance. Do not store near gasoline or any other flammable vapors. The fumes can create a fire hazard or explosion.



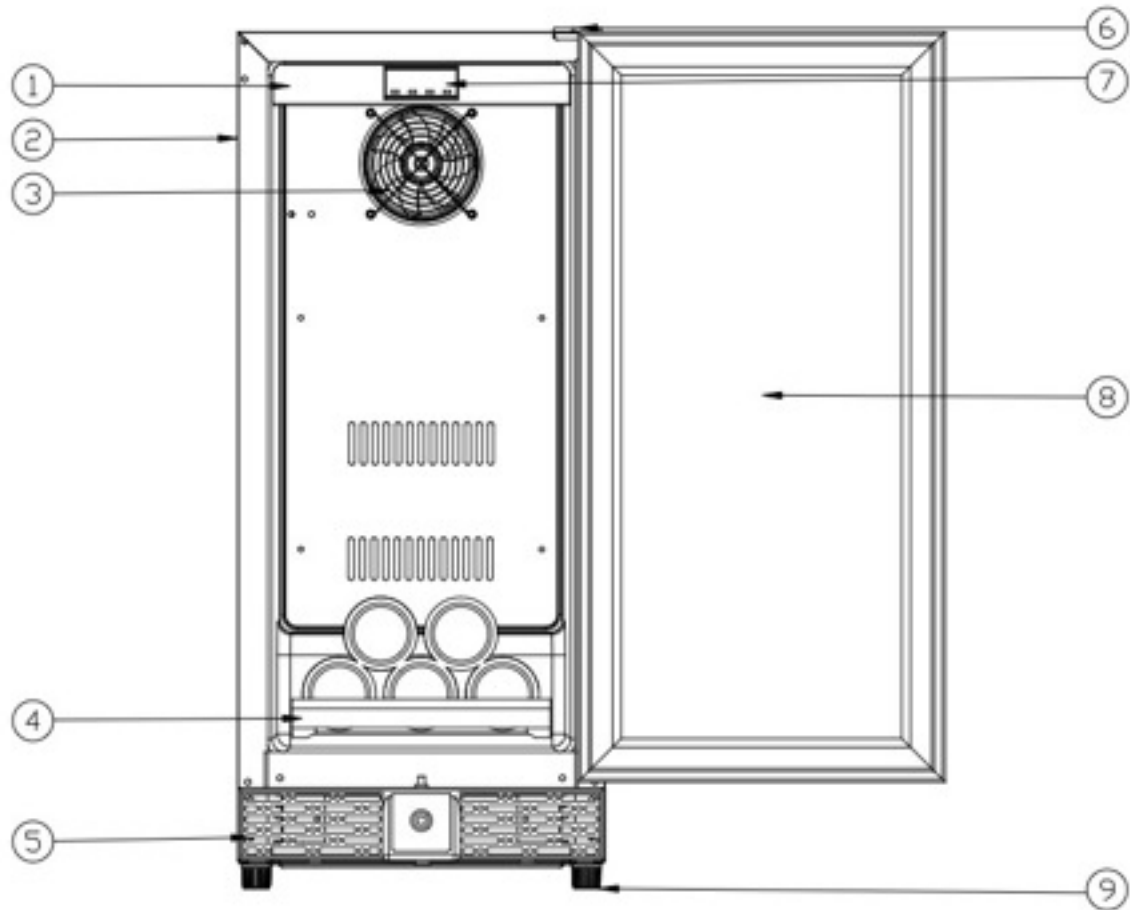
1. The refrigerator must be plugged into its own dedicated 110/115v, electrical outlet.
2. The plug and switch must be accessible when the refrigerator is in position.
3. It is essential that the power point is properly earthed to the ground. Consult a qualified electrician if you are unsure.
4. Avoid the use of extension cords, adapter plugs, and power boards (unless they are surge protected).
5. If the power cord is ever damaged, have it replaced by a qualified service technician.
6. Unplug the unit before cleaning it, or changing the light bulb to avoid the risk of electrical shock.
7. Never unplug the unit by pulling the electrical cord as this may damage it. Grip the plug firmly at its widest point and pull straight out.
8. Place your refrigerator in a dry place – avoid areas of high moisture or humidity.
9. Avoid placing the unit in frosty or unprotected areas such as a balcony or verandah. Covered alfresco areas are fine.
10. Keep the unit out of direct sunlight.
11. Do not locate the unit near stoves, fires or heaters.
12. When installed correctly, your refrigerator should:
 - Have adequate space at the back and sides for air circulation, and to prevent power cord damage.
 - Be aligned with the surrounding cupboards.
 - Be level. Adjust the feet accordingly. Use a spirit level if unsure.

BEFORE USING YOUR REFRIGERATOR

1. Remove the exterior and interior packing.
2. Before turning the refrigerator on, please ensure that the unit is in place and has been left to stand upright for a minimum of 5 hours. This will reduce the possibility of a malfunction in the cooling system from handling during the transportation process.
3. Clean the interior surface with lukewarm water using a soft cloth.

FEATURES

PART II DIAGRAM & DESCRIPTION OF REFRIGERATOR



- 1 Control board
- 2 Housing
- 3 Ventilation DC Fan

- 4 Shelf
- 5 Front grill
- 6 Door hinge

- 7 Controller
- 8 Door
- 9 Adjustable stand feet

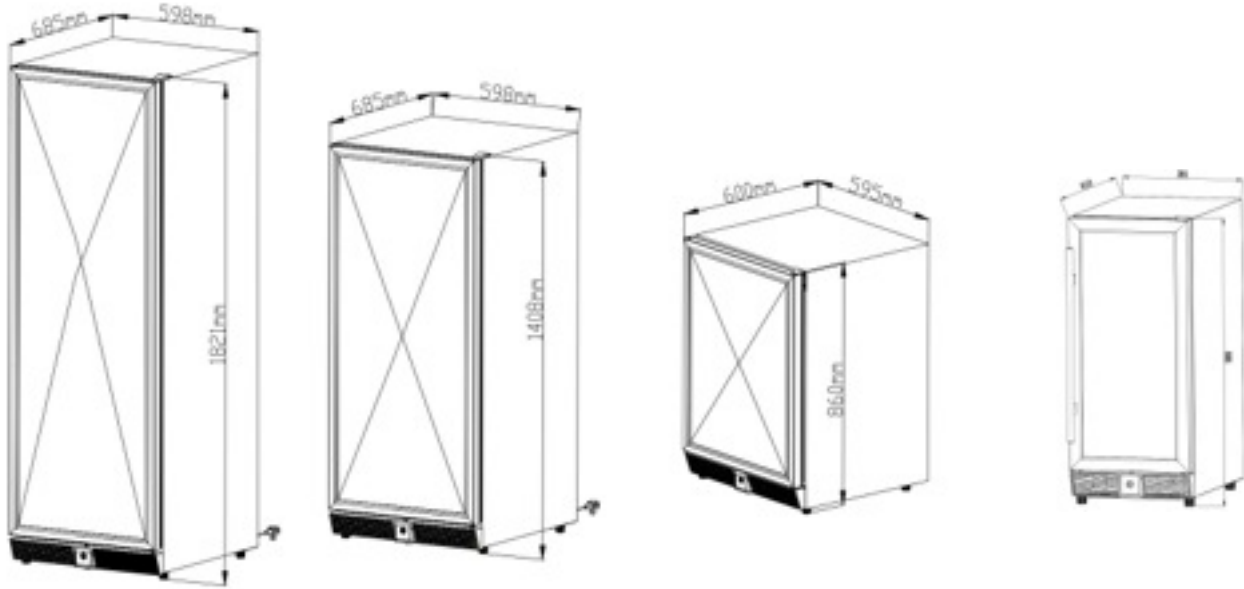
YOUR REFRIGERATOR ALSO INCLUDES TWO KEYS TO OPERATE THE ROUNDED LOCKING MECHANISM WHICH IS SHOWN AT THE LOWER CENTRE POSITION OF THE DIAGRAM.

COMPRESSOR REFRIGERATORS

INSTALLATION

PART III INSTALLATION INSTRUCTIONS

CUTOUT DIMENSION ILLUSTRATED



KBU-170 SERIES

23.54"W x 26.97"D x 71.69"H
(598W x 685D x 1821H mm)
Included stand height 0.98"(25mm)

KBU-100 SERIES

23.54"W x 26.97"D x 55.43"H (598W
x 685D x 1408H mm) Included stand
height 0.98"(25mm)

KBU-50 SERIES

23.42"W x 23.62"D x 33.86"H
(595W x 600D x 860H mm)
Included stand height 0.79" (20mm)

KBU-25 SERIES

15.01"W x 24.03"D x 34.87"H
(381W x 610D x 885H mm)
Included stand height 0.98" (25mm)

MODEL	WIDTH	DEPTH	HEIGHT	INCLUDED STAND HEIGHT	NOTE
KBU-25	494 mm	595 mm	841 mm		This free-standing model can be built in to cabinetry if adequate ventilation is supplied. Allow a minimum of 3/4" on either side, 2" at the rear, and 3/4" on top.
KBU-50	23.42" 595mm	23.62" 600mm	33.86" 860mm	0.79" 20mm	These front-venting models can be built in to cabinetry. Builders should allow an additional 1/2" either side of the unit, plus 1" behind the unit and 1/2" on top. These additional spaces allow units to be placed in position easily, and without power cords being damaged. This also allow hot air that is vented from the front to rise quickly and clear the cool air intake manifold. These clearances help to keep power consumption to a minimum and prolong the life of your refrigerator
KBU-100	23.54" 598mm	26.97" 685mm	55.43" 1408mm	0.98" 25mm	
KBU-170	23.54" 598mm	26.97" 685mm	71.69" 1821mm	0.98" 25mm	

INSTALLATION

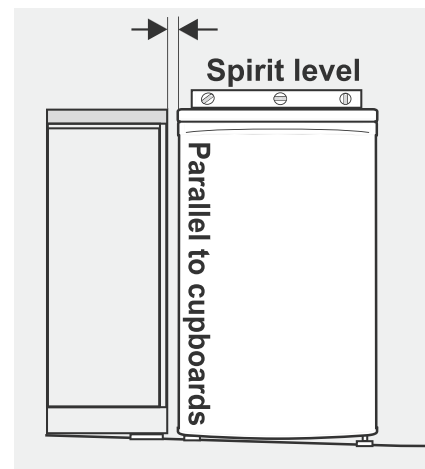
PART III INSTALLATION INSTRUCTIONS

A. GENERAL INSTALLATION INSTRUCTIONS

1. These appliances can be used as a free standing or built-in unit. See the minimum clearances for built-in usage.
2. Place your refrigerator on a flat solid floor that is strong enough to support the unit when it is fully loaded. To level your refrigerator, adjust the levelling screw-in feet at the bottom of the unit.
3. When moving or relocating your refrigerator do not incline the unit on more than a 45 degree angle.
4. Locate the refrigerator away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight and heat sources will increase electrical consumption and lower the life expectancy of your unit. Extreme cold ambient temperatures may also cause the unit to misperform.
5. Avoid locating the unit in damp areas.
6. Plug the unit 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.

B. INSTALLING YOUR REFRIGERATOR

1. Move the appliance into its final position .
2. Level the appliance by adjusting the feet.
3. Compare the alignment of the appliance to the surrounding cupboard . The top of the appliance should be level from side to side (see diagram below) .
4. If the appliance now rocks from one corner to the opposite rear corner, this means that the floor is uneven. You may need to put some packing under the fridge to the rear of the appliance . You could use thin pieces of solid material such as thin board, vinyl floor tiles or laminate .
5. You may now need to fine tune the installation by repeating steps 2, 3 and 4 .
6. Wipe off any dust that has accumulated during shipping and clean by following the directions in Part VIII (Care & Maintenance)
7. Plug the appliance into the power point. Do not use a double adaptor or extension cord .
8. It is recommended that you let the appliance sit for an additional hour or two before you put anything in it . This will confirm that it is operating correctly and also to make any adjustments far easier.



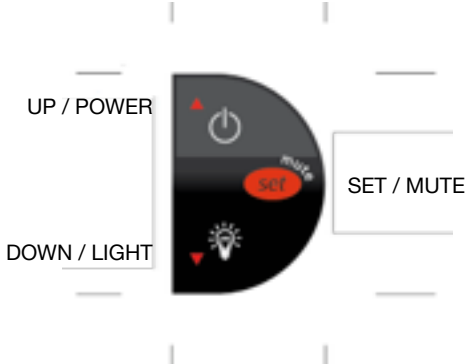
Congratulations! You have successfully installed your cellar/refrigerator/freezer

DOOR LOCK

This unit comes with an optional key lock. The keys are located inside the plastic bag that contains the user manual. To unlock the door, insert the key into the lock and turn counterclockwise. To lock the door, simply reverse the operation making sure the metal pin is engaged completely. Then remove the key and place it in a secure place for safekeeping.

PART IV OPERATING YOUR

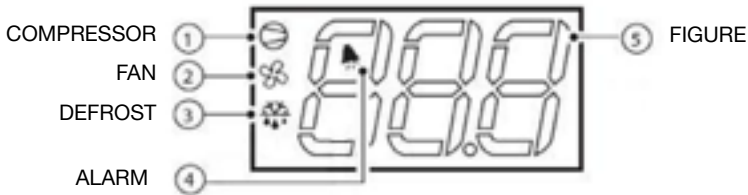
This KingsBottle Refrigerator series comes with the worlds best quality controller from CAREL. Before using your Refrigerator, please read these instructions carefully .



KEYBOARD :

- UP/POWER: Increase the value / holding the button for at least 3 seconds, powers the unit ON or OFF.
- DOWN/LIGHT: decrease the value / holding the button for at least half a seconds turns the interior light ON or OFF.
- SET/MUTE: Use SET after selecting values with the up and down arrows / alarm mute button.

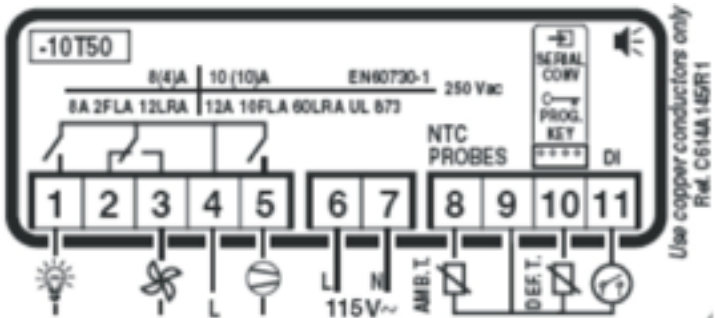
DISPLAY:



LEDS AND ASSOCIATED FUNCTIONS:

icon	function	normal operation			start up
		ON	OFF	blink	
	compressor	on	off	request	ON
	fan	on	off	request	ON
	defrost	on	off	request	ON
AUX	aux	output on	output off	-	ON
	alarm	all	no alarm	-	ON

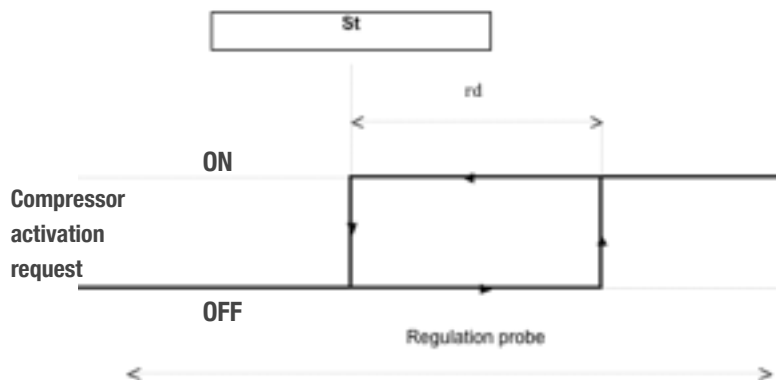
WIRING DIAGRAM:



OPERATION

ADJUST TEMPERATURE

1. Press the "SET / MUTE" button for more than 3 sec. ,the display shows the parameter code "ST/ VALUE/PS/0" , 0 is the PASSWORD.
2. Release the button when it shows ST/0.
3. Use the "UP" and "DOWN" buttons to adjust the temperature.
4. Press SET / MUTE button, or if no button is pressed for 5 seconds, the change of setting is saved and the DISPLAY will show the actual temperature.



MODIFYING THE PARAMETERS

The operating parameters are modifiable using the keypad.

Access to the parameters is protected by password (default = 22) to prevent accidental or unauthorised modifications.

Accessing the Parameters:

1. Press the "SET / MUTE" button for more than 5 sec. , the display shows the parameter code "PS/0"
2. Press the "SET / MUTE" button to access the password setting; the display shows the parameter starting value "0"; use the "UP" and "DOWN" buttons to scroll the numbers until displaying "22" (default password);
3. Press the "SET / MUTE" button to confirm the password; the display shows the parameter code "PS" (password);
4. Repeat the following procedure for any parameter that needs to be modified :
 - 4.1. Use the "UP" and "DOWN" buttons to scroll the parameters **codes** and choose the parameter that needs to be modified.
 - 4.2. The Category of the parameter chose, determines the Initial letter of the code and the Icon that is turned on :

Category	Initial	Icon
Probe parameters	/	-
Control parameters	r	-
Compressor parameters	c	☹
Defrost parameters	d	❄
Alarm parameters	A	📢
Fan parameters	F	🌀

- 4.3. Press "SET / MUTE" to display the **value** associated with the parameter code; increase or decrease the value using the "UP" or "DOWN" button respectively;
- 4.4. Press "SET / MUTE" to temporarily save the new value and display the parameter code again;

WARNINGS:

If no button is pressed for 60 sec. or if the power is disconnected from the instrument before saving the settings : all of the changes made to the parameters and temporarily saved in the RAM, will be cancelled and the previous settings will be restored.

5. Press "SET / MUTE" button for more than 3 sec. to permanently **save** the parameters and exit the parameter setting procedure.

SETTING THE DEFAULT VALUES

To reset the default parameters:

1. disconnect power from the instrument;
2. reconnect power while holding both the "SET / MUTE" and "DOWN / LIGHT" buttons;
3. the display will show the message "CF";
4. after a few seconds the instrument starts operating with the default configuration. Any different parameter settings will need to be updated.

WARNINGS:

running this procedure overwrites any custom parameter settings.

TABLE OF PARAMETERS

CODE	DESCRIPTION	MIN	MAX	UOM	DEFAULT
PS	password	0	200	-	22
PROBE PARAMETERS					
/2	probe measurement stability	1	15	-	10
/4	select probe/input displayed (/4=1, display air probe; /4=2, display evaporator probe; /4=3, display the status of LED figure ON or OFF)	1	3	-	1
/5	select °C/°F (0= °C; 1= °F)	0	1	-	1
/6	disable decimal point	0	1	-	1
/C1	probe 1 offset	-12,7	12,7	(°C/°F) / 10	1.6
/C2	probe 2 offset	-12,7	12,7	(°C/°F) / 10	0
CONTROL PARAMETERS					
St	user set point	r1	r2	°C/°F	41.0
rd	STANDARD differential	0,0	19,0	°C/°F	3.2
r1	minimum set point allowed to the user	-50	r2	°C/°F	41.0
r2	maximum set point allowed	r1	150	°C/°F	64.4
COMPRESSOR PARAMETERS					
c0	Start delay when COMPRESSOR ON is required by the Regulation	1	200	Min	6
c1	delay between 2 consecutive starts	0	100	Min	0
c2	minimum compressor OFF time	0	100	Min	6
c3	minimum compressor ON time	0	100	Min	0
c4	compressor ON time with duty setting	0	100	Min	0
DEFROST PARAMETERS					
d0	Type of defrost	0	2	-	1
dl	Start defrost condition : interval time	0	199	Hours	6
ds	defrost interval time calculating: ds=0, calculate time of compressor operating ds=1, calculate time after power ON	0	1	-	1
dt	End defrost condition : evaporator temperature threshold	-50	127	°C/°F	59.0
dP	End defrost condition : max time defrost duration	1	199	Min	20
d4	if defrost when switching the instrument on (0=no ; 1=yes)	0	1	-	0
dH	defrost delay on power-up (when d4=1)	0	199	Min	0
d6	temperature displayed "frozen" during defrost (when d6=0 "dF" is displayed); Freeze regulation probe temperature before defrost start (when d6=1)	0	1	-	1
dd	dripping time (stop compressor after defrost)	0	15	Min	0
d8	LOW temperature alarm bypass time after defrost	0	15	Hours	0
d9	defrost priority over compressor protectors (if d9=1 c2, c3, c4 are bypassed)	0	1	-	0
d/	Evaporator probe reading (read only)	-	-	°C/°F	-
d10	Start defrost condition : evaporator temperature threshold	-50	127	°C/°F	-7.6
d11	Enabling defrost condition : regulation probe threshold.	-50	127	°C/°F	86
d12	No-downward tendency defrost, Start condition : time with Comp.continuously ON and Reg.Probe doesn't decrease	A10	199 (200=disabled)	Min	180
ALARM PARAMETERS					
A0	alarm temperature differential	-20	20	°C/°F	0
AL	absolute/relative temperature for low temperature alarm	-50	150	°C/°F	-30.2
AH	absolute/relative temperature for high temperature alarm	-50	150	°C/°F	82.4
Ad	temperature alarm delay	0	199	Min	120
A10	Open Door Alarm delay	0	10	Min	0
EVAPORATOR FAN PARAMETERS					
F0	Start delay when FAN ON is required by the Regulation	1	100	sec	1
Fd0	Fan STANDARD Duty Cycle : ON time	1	100	Min	1
FdF	Fan STANDARD Duty Cycle : OFF time	1	100	Min	1
OTHER PARAMETERS					
H0	supervisor serial address	0	207	-	1
H4	disable buzzer (1 = disable)	0	1	-	0
H5	ID code (read-only)	-199	199	-	1



OPERATION

TABLE OF ALARMS

ALARM CODE	DESCRIPTION
LO	low temperature alarm
HI	high temperature alarm
E0	probe 1 error=control
E1	probe 2 error=defrost
E3	enter defrost status d12 twice continuously
dF	defrost running
dor	open door alarm
EE	unit parameter error
EF	operating parameter erro

TEMPERATURE SETTINGS FOR WINE AND BEVERAGES

Different varieties of wine require different temperature settings. The recommended temperature ranges for long term storage of different varieties of wine and beer are listed below. Please contact your wine or beverage supplier directly for their premium storage temperature recommendation.

- Rich and full-bodied reds: 59-65F (15-18C)
- Light reds: 53-57°F (12-14°C)
- Whites and rose: 44-57°F (7-14°C)
- Sparkling wines: 43-48°F (6-9°C)
- Beer: 34-41°F (1-5°C)



CAUTION:

1. 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.
2. If the unit is unplugged, loses power, or is turned off, you must wait for over 6 minutes before restarting. Within this 6 minutes, the compressor will protect itself and will not start even if the power is turned ON again.
3. When you use the refrigerator for the first time or restart the unit if it has 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 these initial hours of operation, the temperature will normalize to the displayed temperature.

PART V LAYOUT AND STORAGE

YOUR CABINET WAS DESIGNED TO STORE A MAXIMUM NUMBER OF BOTTLES SECURELY. WE RECOMMEND THAT YOU OBSERVE THE TIPS BELOW TO OPTIMIZE LOADING.

1. Disperse your bottles evenly so as not to concentrate weight in any one area. Also, be careful that your bottles do not touch either the back of the cabinet or the step at the bottom.
2. Ensure that the bottles are not all grouped together at the top or bottom of the cabinet.
3. Never try to pull out more than one shelf at a time.
4. The maximum capacity per shelf is 25 kilograms
5. Save power by filling empty spaces in your unit with bottles of water. Each time the door is opened the cool air rushes out and the space that held this air has to be re-cooled. By placing bottles of water in these gaps, the fridge has less work to do long term, and will save your running costs.



PLEASE NOTE

Before modifying your cabinet's original configuration in any way, be sure to ask your dealer for advice.

MAINTENANCE

PART VI CARE AND MAINTENANCE

CLEANING YOUR REFRIGERATOR



BEFORE CLEANING: Turn off the power, unplug the appliance, and remove all items including the shelves.

- Wash the inside surfaces with warm water and a baking soda solution. The solution should be about 2 tablespoons of baking soda with 250ml of water.
- Wash the shelves with a mild detergent solution.
- Wring excess water out of the sponge or cloth when cleaning areas around the controls, or any electrical parts.
- Wash the outside cabinet with warm water and a mild liquid detergent. Rinse well and wipe dry with a clean soft cloth.
- After installation, we recommend that owners apply a thin layer of Olive Oil with a clean rag, to all exposed Stainless Steel areas. This should then be polished in and buffed off with another clean rag to a non-oily finish. This process will aid protection against dirt and other corrosive contaminants, by providing a temporary food-safe shield. The Olive Oil layer also makes later polishing and removal of fingerprints easier. This process should be repeated frequently every 3-4 months. ALL stainless steel can rust, it is a myth that stainless steel doesn't rust.

POWER FAILURE

Most power failures are corrected within a few hours and should not affect the temperature of your appliance if you minimize the number of times the door is opened. If the power is going to be off for a longer period of time, you need to take the proper steps to protect your contents.

FILTER CLEANING

PLEASE INSPECT & CLEAN THE FRONT GRILL FILTER EVERY MONTH

Failure to clean will void the warranty and increase the running costs. Be especially aware of pet hair clogging the grill.

VACATION TIME

Short vacations: You may leave the refrigerator operating during vacations of less than three weeks.

Long vacations: If the appliance will not be used for several months, remove all items and turn off the appliance. Clean and dry the interior thoroughly. To prevent mold growth, leave the door open slightly by using a folded cloth near the hinge.

MOVING YOUR REFRIGERATOR

1. Remove all items.
2. Securely tape down all loose items (shelves) inside your appliance.
3. Turn the adjustable screw in feet up to the base to avoid damage.
4. Tape the door shut.
5. Be sure the appliance stays secure in the upright position during transportation. Also protect the outside of the appliance with a blankets or similar items.

ENERGY SAVING TIPS

1. The refrigerator should be located in the coolest area of the room, away from heat producing appliances, and away from direct sunlight. Ventilation at the rear also helps a lot with energy usage, so create a positive air flow where possible, although most of this range is designed to be fully built-in.
2. When you are not using fridge during weekdays etc. it is recommended to set the temp at a higher level during periods of non usage, this will not only mean less run time, it also still keeps drinks at a temperature that won't be spoiled. This practice also saves energy - which is a growing concern for most households.
3. Keep the refrigerator stocked, an empty refrigerator will run longer (believe it or not).

TROUBLESHOOTING GUIDE

PART VII TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	Solution
Refrigerator does not operate	1. Not plugged in 2. The appliance is turned OFF at the control panel 3. The circuit breaker has tripped or a fuse has blown out	Press ON/OFF Check and make sure the power plug is well connected Ask an engineer for help
Refrigerator is not cold enough; can not cool down to the preset temp.	Compressor does not start	ask an engineer for help / check the connection of the compressor
	Compressor self-protected and has stopped operating	The ambient temperature is too high (over 38C degree Celsius) The air venting is not smooth, check that the air duct is not blocked Fan operates slowly or is faulty and has stopped operating. The door is not closed completely, or the door opened too long The compressor, or its components are faulty
	Fans stop working or operate at low speed	Ask an engineer for help. Power the refrigerator ON and OFF. Check the fan and whether the voltage is normal. If the voltage is normal, then the fan should be damaged
	Evaporator ices up	Turn OFF the refrigerator for one hour and open the door. The ice on the evaporator will melt. Check the door seal for any air gaps.
	Door is not closed properly	Check the door lock, shelves, or other objects, make sure door is well closed. Check the rubber seal for any air gaps. Check the door hinges, make sure they are not loose
	Condenser is dusty	Wash and clean the condenser
	Cooling system faulty (Gas leakage or blockage)	Ask an engineer for help
Compressor starts and stops frequently	The door gasket does not seal properly.	Use low heat on a hair dryer to make the door seal take shape.
	The sensor connection is wrong.	Read the wiring diagram to make the correct connection of sensor
	The sensor is faulty.	Replace with a new sensor
	The door is opened too often.	Reduce the times / frequency of door openings.
The light does not work.	Not plugged in, or the light button is "OFF". Light itself faulty.	Check and make sure the light button is ON, or ask an engineer for help.
The Refrigerator seems to make too much noise.	The stand feet is not leveling, vibrations lead to noise	Adjust the stand feet and ensure they are level.
	Copper pipe hits other objects and makes noise	Gently adjust the position of the pipe.
	When the compressor shuts down or starts, it is normal for noise from the vibrations generated by the internal moving parts due to inertia. A liquid plumbing noise may come from the flow of the refrigerators gases, which is normal. As each cycle ends, you may hear gurgling sounds	Take no action Take no action
The door will not close properly.	Door is blocked by the door lock, shelves, or other objects.	Remove the barrier
	Door sealing rubber is deformed	Repair or replace the rubber seal
	Door hinges are not loose.	Adjust and fasten the hinges.
Ice up	Outlet / suction outlet blockage	Remove the barrier
	Fans stop working or operate at low speed.	Ask an engineer for help. Power the refrigerator ON and OFF. Check the fan and the voltage. If the voltage is normal, the fan may be damaged.
	The door gasket does not seal properly; or door is opened too often	Use low heat on a hair dryer to make the door seal take shape.
	Gas leakage or cooling system blockage	Ask an engineer for help
External cabinet seems too hot	Ambient temperature is too high, or direct sunshine	Operating conditions need to be improved
	Front grill outlet / suction outlet blockage	Remove the barrier
	Fans stop working or low speed operating	Ask engineer for help, power on the refrigerator, check the fan whether the voltage is normal or not. If the voltage is normal, the fan should be damage
Water drop on glass door	Ambient humidity is high	Use a soft cloth to clean the water
	Door is opened too often	Reduce the times / frequency of door opening.
	The door gasket does not seal properly	Use low heat on a hair dryer to make the door seal take shape.
	Condensation is forming on the outside of glass door	Have you turned the 'Heated Door Function' ON? located next to the temperature controller. You shouldn't have condensation on glass with these models if this function is ON.

TECHNICAL DATA

PART X TECHNICAL DATA

MODEL NO.	KBU-170B/170S/170W	KBU-100B/100S/100W	KBU-50B/50S/50W	KBU-25B/25S/25W
CAPACITY	14.30 CF (405 Liter)	10.88 CF (308 Liter)	5.37 CF (152 Liter)	3.28 CF (93 Liter)
TYPE OF COOLING	compressor with air-circulated fan cooling	compressor with air-circulated fan cooling	compressor with air-circulated fan cooling	compressor with air-circulated fan cooling
CLIMATE TYPE	N	N	N	N
ELECTRICITY PROTECTION GRADE	I	I	I	I
NOMINAL VOLTAGE/FREQUENCY	110-115V/50-60HZ	110-115V/50-60HZ	110-115V/50-60HZ	110-115V/50-60HZ
RATED POWER(W)	200W	190W	140W	120W
AMBIENT TEMPERATURE	32 - 100 °F	32 - 100 °F	32 - 100 °F	32 - 100 °F
TEMPERATURE RANGE	41-64 °F (Beverage cooler 34-46F)	41-64 °F (Beverage cooler 34-46F)	41-64 °F (Beverage cooler 34-46F)	41-64 °F (Beverage cooler 34-46F)
NET WEIGHT	286.60 lbs (130 KGS)	198.41 lbs (90 KGS)	112.43 lbs (51 KGS)	92 lbs (42 KGS)
GROSS WEIGHT	310.85 lbs (141 KGS)	224.87 lbs (102 KGS)	121.25 lbs (55 KGS)	99 lbs (45 KGS)
DIMENSION	23.54"W x 26.97"D x 71.69"H (598W x 685D x 1821H mm) Included stand height 0.98" (25mm)	23.54"W x 26.97"D x 55.43"H (598W x 685D x 1408H mm) Included stand height 0.98" (25mm)	23.42"W x 23.62"D x 33.86"H; 595W x 600D x 860H mm) Note: Included stand height 0.79" (20mm)	15.01"W x 24.03"D x 34.87"H (381W x 610D x 885H mm) Included stand height 0.98" (25mm)

WARRANTY

PART IX WARRANTY INFORMATION

Please speak to your Retailer before calling **BTO AMERICA LIMITED** (also known as **KingsBottle**) if you did not purchase your Beverage Cooler directly from BTO AMERICA LIMITED

Limited warranty – If your refrigerator is not operating, KingsBottle reserves the right to repair or replace the refrigerator. KingsBottle may request the consumer to contact a local refrigeration company to service the refrigerator. All cost for labor and materials is covered for 1 year from the date of receipt. If KingsBottle deems the unit not repairable, KingsBottle will use the value of your original order toward a replacement. For customer service, please contact **BTO AMERICA LIMITED** by e-mail (service@kingsbottle.com).

The limited warranty does not cover: Damage due to such things as accident, misuse, abuse, mishandling, neglect, unauthorized repair or any other cause beyond the control of the seller whether similar or dissimilar to the foregoing. Purchaser understands and acknowledges that the goods sold here are Beverage Coolers, which house wine. Purchaser assumes all the risk of using these units, including risk of spoilage, humidity variations, temperature variations, leaks, fires, water damage, mold, mildew, dryness and similar perils that may occur.

SPECIAL NOTE: Warranty is only honored for the unit which is purchased and used in United States of America. And, if your product was purchased at any 3rd party retailer and not directly from KingsBottle, we do not offer an extended warranty policy. You **MUST** contact the retailer of purchase directly. In the event your retailer does not offer an extended warranty plan, we recommend you contact a third party warranty provider. However, regardless of point of purchase, all KingsBottle coolers are backed by a **ONE YEAR** manufacturer's warranty from date of sale.

