

Built-in Fridge

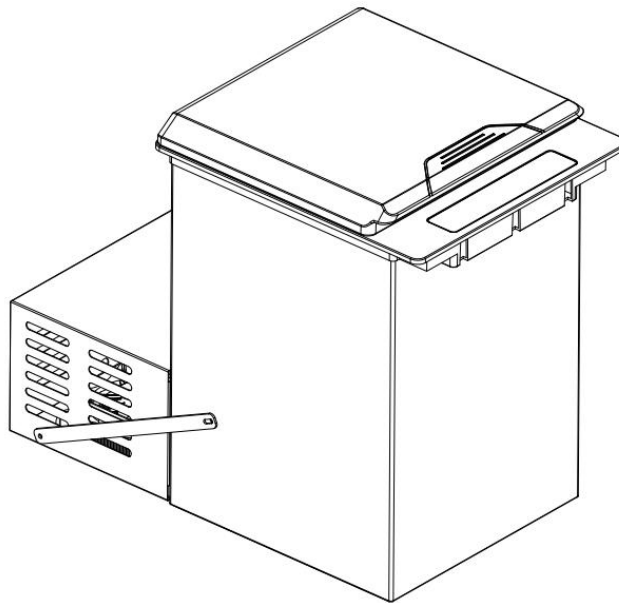
User Manual

WARNING

THE COOLING UNIT SHOULD SET UPRIGHT FOR ATLEAST 10 HOURS BEFORE PLUGGING INTO A POWER SOURCE AND TURNING IT ON

THIS IS A COOLING UNIT, NOT A REFRIGERATOR

The intended use of the product is a COOLING UNIT with a cooling range between 32 and 68 degrees Fahrenheit. Temperature setting can be manual set to your desired temperature. The COOLING UNIT also comes with two preset temperature settings, one for wine and one for beverages.



Read the user manual thoroughly before turning on your Cooling Unit

THE COOLING UNIT SHOULD NOT BE USED FOR STORING ANY FOOD OF ANY KIND, DAIRY PRODUCTS OF ANY KIND OR PERISHABLE ITEMS AND IS NOT SAFE FOR ALL BEVERAGES.



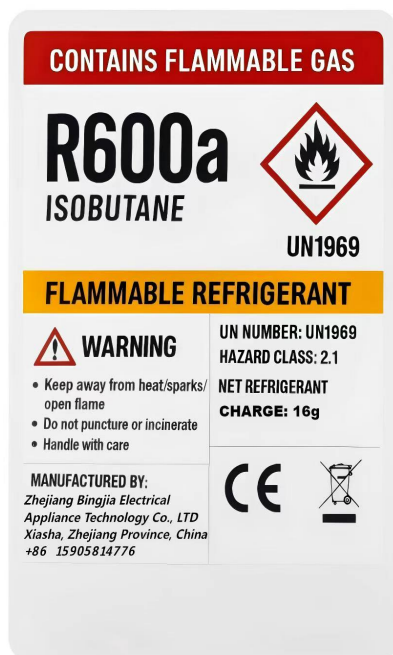
Warning

- It is prohibited to put flammable and explosive materials such as alcohol, gasoline, etc. in the cooling unit to prevent explosions and fires.
- Do not install the cooling unit near open flames or other heat sources (heaters, direct sunlight, gas stoves, etc.).
- Do not disassemble, attempt to repair or modify the cooling unit yourself.



Caution

- Please do not block the air inlet and outlet of the cooling unit, such as blankets, thick carpets, etc.
- Children are not allowed to operate, clean and maintain without supervision.
- The pets are not allowed to crawl into the cooling unit.
- If you smell a burnt smell, unplug the power cable and interrupt the operation of the cooling unit.
- End of life disposal of the appliance must be carried out by the local recycling center in line with the applicable disposal regulations.



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1. Technical Description

Model: SF20L	
Type	Built-in
Cooling system	Compressor
Dimensions	L527 × W305 × H430 mm
Capacity	20 L
N.W.	9 KG
Climate type	ST/N/SN/T
Rated power (Ambient temp.: 25℃)	45W (± 20%)
Rated voltage	29V DC
Temperature control range	"0~20℃" ("32~68°F")
Insulating layer	Polyurethane foam
Ambient operating conditions	0℃ ≤ temp. rang ≤55℃ Air humidity ≤ 75%

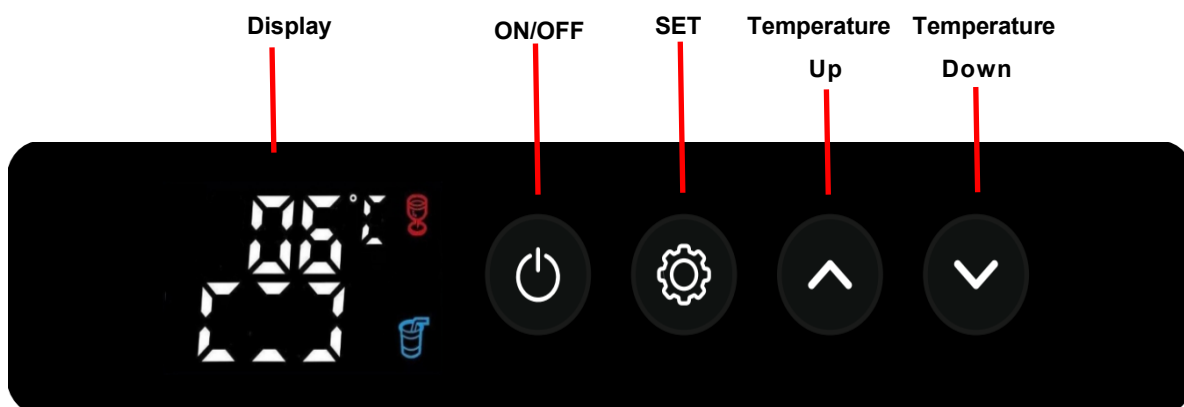
① Notice

- The above data is the test result under ideal conditions, and the actual performance may vary depending on the different environments.
- If the ambient temperature and humidity exceed the recommended operating range, it may not be able to reach the specified cooling temperature.
- The refrigerant used in the Cooling Unit is R600a.

2. Key Features

- Door closing incompletely reminder.
- Designed with touch pad controls and an LED screen for ease of use.
- High efficiency compressor cooling system.
- Enhanced buzzer alarm, reminder to ensure freshness.
- Programmed with both Fahrenheit and Celsius settings.

3. Operating Instructions



3.1 Display Screen

- After power-on, the LCD screen is fully illuminated for 2 seconds, and then displays normally.
- Display symbol



Current temperature display



Compressor working state



Red wine storage setting (13°C/55°F)



Beverage storage temperature setting (5°C/41°F)

3.2 Button Operation

- Power On/Off : Press and hold  for 3 seconds.
- In operating mode, press and hold  for 3 seconds, the cooling unit will enter standby mode. In standby mode, long press  for 3 seconds, the system will enter operating mode.
- Press  to raise the temperature by one degree, and press  to lower the temperature by one degree. Press and hold either button to quickly set the desired temperature.
- Lid warning: If the lid of the cooling unit remains open/ not closed completely for more than 90 second, you will begin to hear a beeping sound, the sound will not stop until the lid is completely closed.
- In operating mode, press the setting button  to set the cooling unit to one of the two preset temperatures either the Wine or Beverage setting. At the same time, the  or  corresponding indicator icon will be displayed.

- Press and hold the setting button  for 3 to 5 seconds ; The temperature unit on the display board is flashing.
At this point, press the arrow key again to switch to F or C.

4. Trouble Shooting and Error Code

4.1 Trouble Shooting

Trouble	Possible Cause	Remedy
The cooling unit fails to start	Unplug or plug is loose	Connect the power cord correctly
	On standby mode	Please refer to Chapter 3.2
	Display error code	Please contact customer service
Cooling capacity drops (will not reduce to set temperature)	The door was not closed correctly	Close the door tightly
	Door seal is loose	Reinstall the door seal
	Insufficient ventilation	Check if the air inlet and outlet of the cooling unit was blocked by blankets, Thick carpets, etc.
Condensation on cooling unit	If door is opening Ambient temp. $\leq 25^{\circ}\text{C}$, humidity $\geq 75\%$	This is a normal phenomenon
Unusual noises	The sofa is not orientated correctly	Place the sofa correctly
	Components and parts are loose	Please contact customer service



Notice

- If the trouble remains, please contact customer service.

WARNING:

ONLY A QUALIFIED TECHNICIAN SHOULD SERVICE THE COOLING UNIT

DO NOT ATTEMPT TO SERVICE THIS PRODUCT OTHERWISE. AS IT COULD RESULT IN PERSONAL INJURY

4.2 Error Code

Code	Type of error	Processing method
E1	Battery voltage is too low for protection	Charge the battery or lower the battery protection gear.
E2	Fan over-current protection	Shutdown and stand for 10 minutes before restart; if again, please contact after-sales personnel.
E3	Compressor fault protection (motor plugging or excessive pressure of refrigeration system)	Shutdown and stand for 10 minutes before restart; if again, please contact after-sales personnel.
E4	Compressor fault protection	Shutdown and stand for 10 minutes before restart; if again, please contact after-sales personnel.
E5	Compressor control module for excessive temperature protection	Place the refrigerator in the ventilation place, shutdown and stand for 10 minutes before restart; if they appear again, please contact the after-sales personnel.
E0	NTC fault (short circuit, open circuit)	Please contact the after-sales personnel.

Notice

- Please contact customer service when the error code appears.
- When the cooling unit is frequently turned on and off, it may be protected and experience an E3 error, resulting in the fan not starting. This is a normal phenomenon. After 3 minutes of powering off, the control module automatically cancels the protection and the E3 error is automatically resolved, returning to normal status.

5. Daily Maintenance

- Regularly clean, first wipe with a soft cloth containing warm water or neutral detergent, and then dry with a clean, soft cloth.
- Avoid oil stains sticking to the cooling unit for a long time to prevent mold and odor.
- If the cooling unit needs to be stopped for a long time, please follow the above maintenance methods to clean it, then open the door for 2-3 days to dry the cabinet to avoid odor or mold.

Notice

- It is prohibited to clean the cooling unit directly with water to prevent electronic components from burning out and causing malfunctions.
- Do not use metallic scouring pads, brushes, abrasive cleaners or strong alkaline solutions on any surface.