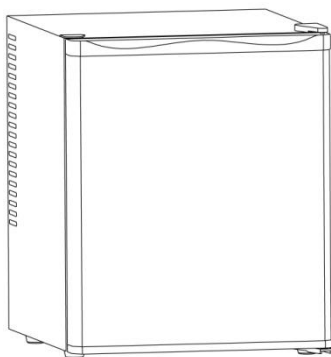


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## OPERATION MANUAL

- 20ltr Black - DS31837 (BCH-20B)**
- 24ltr Black - DS28917 (BCH-24B)**
- 24ltr White - DS31838 (BCH-24W)**
- 32ltr Black - DS28918 (BCH-32B)**

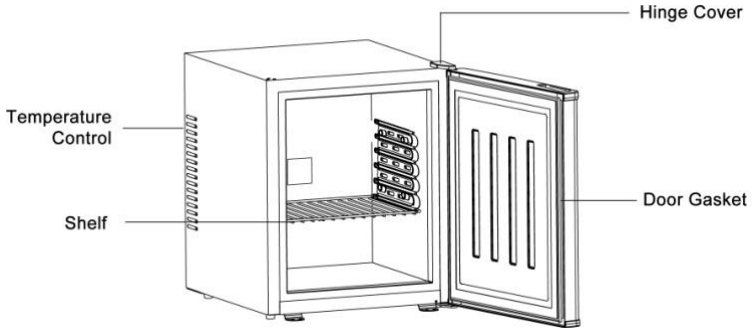


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## INDICATION OF PARTS



## TECHNICAL SPECIFICATIONS

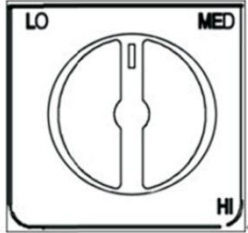
Model No.	DS31837	DS28917/ DS31838	DS28918
Volume (Litres)	20	24	32
Temperature Range (°C)	5 to 8		
Voltage (V)	220-240		
Frequency (Hz)	50/60		
Rated Power (W)	65	65	65
Noise (dB)	0		
Energy Consumption (kWh/24h)	0.44	0.46	0.5
Energy Rating	B		
Climate Class	N		
Refrigerant	R600a/25g		
Insulation	Cyclopentane		
Unit Dimensions (mm)	402x351x448	380x380x470	380x445x470
Packing Dimensions (mm)	457x403x488	460x430x520	430x520x522
Net Weight (kg)	9.8	9	9.5
Gross Weight (kg)	11.1	11	11.5
Approval	CE, CCC, CB, EMC, LVD		

## INSTALLATION INSTRUCTIONS

- This refrigerator is designed for free-standing installation only, and should not be recessed or built-in
  - There should be left at least 200 cm<sup>3</sup> for ventilation
  - Allow 13cm of space between the back and sides of the refrigerator, which allows the proper air circulation to cool the heat sink. Failure to do so could result in fire.
  - The bottom should allow at least 50mm for air flow, this surface must not be heated
  - The entire cooling system should be considered in the ventilation
- Place your refrigerator on a surface that is strong enough to support it when it is fully loaded
- Locate the refrigerator away from direct sunlight and sources of heat (radiator, heater, stove, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption
- Extreme cold ambient temperatures may also cause the unit not to perform properly
- Avoid locating the unit in moist areas
- Plug the refrigerator into an exclusive, properly installed-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 grounding should be directed toward a certified electrician.
- After plugging the refrigerator in to a wall outlet, allow the unit to cool down for 2-3 hours before placing
- These units use thermoelectric refrigeration technology (no compressor) and is not designed for storage in hot areas like garages, warehouses or outdoors since it is designed to operate at a maximum of 17°C below the ambient temperature

## TEMPERATURE CONTROL

DS28917, DS31838 and DS28918



- The temperature control is located at the rear of the refrigerator
- The range of the temperature control is from position “HI” to “LO”, with “HI” being the coldest setting
- To control the internal temperature, adjust the control knob according to the ambient temperature or purpose of use

## IMPORTANT INFORMATION AND HEALTH & SAFETY WARNINGS

- Position your refrigerator so that the plug is accessible
- Keep your refrigerator out of direct sunlight
- Do not place next to heat generating appliance
- Do not place directly on the ground, provide a suitable surface
- Use two or more people to move and install the unit, failure to do so could result in injury
- To ensure proper ventilation for your appliance, the front and the back of the unit must be completely unobstructed
- Choose a well-ventilated area with temperatures above 16°C and below 32°C
- This unit must be installed in an area protected from the element, such as wind, rain, water spray or drips, failure to do so can result in fire
- The appliance should not be located next to ovens, grills or other sources of high heat
- Do not kink or pinch the power supply cord of the appliance
- The fuse (or circuit breaker) size should be 2.5 amperes
- The refrigerator will have better performance at ambient of 20-25°C, we suggest the refrigerator be powered off if the ambient temperature is lower than 10 degree
- After plugging the appliance, allow the unit to cool down for 2-3 hours before placing beverage into the refrigerator compartment
- The appliance features an automatic defrosting system, so there is no need to defrost it manually
- Do not store explosive substances inside the appliance, such as aerosol cans with a flammable propellant
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety
- Children should be supervised to ensure that they do not play with the appliance

(continued overleaf)

**IMPORTANT INFORMATION  
AND HEALTH & SAFETY WARNINGS  
(cont.)**

- The refrigerator must be connected to a properly earthed socket in line with relevant valid country regulations before operating
- Check the data label (which is on the side of the refrigerator) for voltage and frequency corresponds to your local one, If not, don't plug your cable into the socket
- The appliance must be installed with all electrical, water and drain connections in accordance with state and local codes, A standard electrical supply (220 V AC only 60 Hz), properly grounded in accordance with the National Electrical Code and local codes and ordinances is required
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard
- To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle this unit responsibly to promote the sustainable reuse of material resources
- Disposal should only be done through public collection points

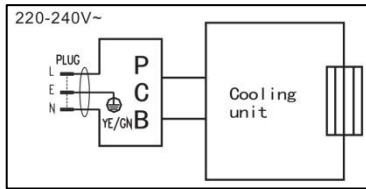
## TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE
<b>Refrigerator does not operate (properly)</b>	<ul style="list-style-type: none"> <li>• Not plugged in</li> <li>• The circuit breaker tripped or a blown fuse</li> <li>• The room temperature is hotter than normal</li> <li>• A large amount of food has been added to the unit</li> <li>• The door has been opened too often</li> <li>• The door is not closed completely</li> <li>• The temperature control is not set correctly</li> <li>• The door gasket does not seal properly</li> <li>• The refrigerator does not have the correct ventilation</li> <li>• Abnormal voltage</li> </ul>
<b>The light does not work</b>	<ul style="list-style-type: none"> <li>• Not plugged in</li> <li>• The circuit breaker tripped or a blown fuse</li> <li>• The LED light has burned out</li> </ul>
<b>The door will not close properly</b>	<ul style="list-style-type: none"> <li>• The refrigerator is not level</li> <li>• The door was reversed and not properly installed</li> <li>• The gasket is dirty</li> <li>• The shelves, bins, or baskets are out of position</li> </ul>
<b>Vibrations</b>	<ul style="list-style-type: none"> <li>• Check to assure that the refrigerator is level</li> </ul>
<b>The unit seems to make too much noise</b>	<ul style="list-style-type: none"> <li>• The rattling may come from the flow of the refrigerant, which is normal</li> <li>• As each cycle ends, you may hear gurgling sounds caused by the flow of refrigerant in your unit</li> <li>• Contraction and expansion of the inside walls may cause popping and crackling noises</li> <li>• The unit is not level</li> </ul>



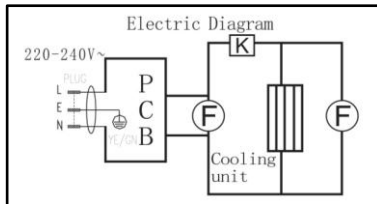
# WIRING DIAGRAM

## DS28917



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## DS31837 / DS31838 / DS28918



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