

Instruction Manual

Gas Refrigerator

Warning

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and s in the vicinity of this or any other appliance.

If you smell gas:

1. Open windows.
2. Do not attempt to light appliance.
3. Do not touch electrical switches.
4. Extinguish any open flame.
5. Shut off fuel supply.
6. Evacuate immediately and call emergency services.

Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

⚠ WARNING SUFFOCATION AND ENTRAPMENT HAZARD.

Prior to disposal of refrigerator:

1. Remove fresh food and freezer doors.
2. Leave shelves and baskets in place to prevent children from easily climbing inside refrigerator.



: Read manufacturer's instructions before use.

This appliance shall be installed according to the rules in force.

INTRODUCTION

Thank you for purchasing our gas refrigerator. This unit is designed to improve your living and entertaining comfort. The absorption system is totally silent that uses no compressors or fans. The refrigerator is ideal for installation in homes, farms, Cottages, chalets or similar. With its silent operation and unique design, you will enjoy the convenience and comfort for years to come.

Please read through these instructions carefully before operating this refrigerator.

When using it, always exercise basic safety precautions.

This easy-to-use manual will guide you to getting the best use of this refrigerator:

The appliance is suitable for camping use when use gas;

The appliance may be connected to more than one source of energy;

The appliance shall not be exposed to rain

This appliance is intended to be used in household and similar applications such as:

Suitable for camping use when use gas, Don't suitable for camping when use electricity, only household and indoor use only when use electricity.

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;

- bed and breakfast type environments;
- catering and similar non-retail applications.

WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.

WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

To avoid contamination of food, please respect the following instructions:

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.

- Clean regularly surfaces that can come in contact with food and accessible drainage systems.

- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

SAFETY INSTRUCTIONS

1. Do not allow children to play with the Refrigerator, even when it is turned off;

2. Do not use store liquids such gasoline ,kerosene,etc., inside your Refrigerator, thus avoiding the risks of explosions and fire;

3. Do not store toxic materials inside your Refrigerator, as they could contaminate food items;

4. Your Refrigerator should be used only by those who have read this manual or those that have been adequately instructed by someone who has read it.

5. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

6. Children shall not play with the appliance. Children aged from 3 to 8 years are

allowed to load and unload refrigerating appliances.

7.Cleaning and user maintenance shall not be made by children without supervision.

8.If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. The appliance shall be disconnected from its power source during service and when replacing parts;

9.These appliances use flammable insulation blowing gas, please dispose the appliance according to the local regulation.

10.Do not store explosive substances such as aerosol cans with flammable propellant in this appliance.

TRANSIT DAMAGE

Inspect the refrigerator for damage. Transit damage must be reported to whoever is responsible for delivery not later than seven days after the refrigerator was delivered.

LP Gas Operation	2.8~3.0 KPa
12 volts DC	control voltage (10.5 VDC min. to 15.4 VDC max).
AC Operation	Check that the voltage stated on the data plate

Operating in excess of these specifications can damage the refrigerator's electrical circuit, related components and voids the refrigerator's warranty.

REFERENCE INFORMATION

Please complete the following information for future reference. You will need it to obtain warranty service.

Model Name*: _____
Serial Number *: _____
Date of Purchase: _____
Place of Purchase: _____

*The above information is written on the nameplate inside the cabinet. Retain this user manual with your sales receipt as a permanent record of your purchase.

The manufacturer reserves the right to make changes to its products when considered necessary and useful, without affecting the essential safety and operating characteristics. We are therefore not responsible for any inaccuracies due to printing, transcription, or conversational errors, whether contained in any printed source, or relayed in person.

IMPORTANT SAFETY PRECAUTIONS

- **Before you use your absorption refrigerator, please read this instruction manual carefully.**
- **NEVER** install gas appliances in unventilated (air tight) structures or sleeping rooms. Gas refrigerators consume air (oxygen) when operated on gas power. When used in any inside area, provide a fresh air opening of at least 3 square inches (20mm). Please note that an exterior flue is not required with "vent-less" propane appliances like gas refrigerators, but you may choose to run an insulated 2 inch (min) inside diameter vent pipe through the roof

(straight up is best) or the wall (avoid 90 degree bends with 45's spaced more than two feet apart). It is recommended that a carbon monoxide detector be installed in the same room as the gas refrigerator.

- **NEVER** install a gas appliance on carpeting or against a flammable wall.
- **NEVER** leave your gas appliances running unattended while on vacation.
- **NEVER** run the electrical power and gas power at the same time. Backup electrical power AC operation is Standard equipment on the gas fridge. Should you ever run out of gas, it's very handy. Just be certain to never run both heaters at the same time. Serious damage will result to the cooling unit if you do.
- **Never unplug your absorption refrigerator by pulling on the power cord. Always grasp the plug firmly and pull straight out from the wall outlet.**
- Repair or replace immediately, all electric service cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length, the plug or the connector end.
- Unplug your absorption refrigerator before cleaning or before making any repairs.
- The power supply must be properly grounded.
- Use this appliance only for its intended purpose as described in this user manual.
- This absorption refrigerator must be properly installed in accordance with the installation instructions before it is used.
- **Cut off the gas supply and AC or DC power supply before cleaning or before making any repairs.**
- **NOTE: If for any reason this product requires service, we strongly recommend that a certified technician perform the service.**
- Do not operate your absorption refrigerator in the presence of explosive fumes.
- Do not use the unit in the immediate surroundings of a bath, shower or swimming pool.
- Before discarding or storing, we recommend that you remove the door and leave the shelves in place. This will reduce the possibility of danger to children.
- The sealed cooling system must not be opened, since it contains corroding chemicals under high pressure.
- Check that the gas supplied to the refrigerator is at the correct pressure. See the pressure regulator on the LP gas tank.
- **Do not use an adapter plug or extension cord.**
- **Remove any transit protection before use.**
- **This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.**

WARNING:

Electrical Grounding Instructions

This appliance is equipped with a plug with grounding for your protection against shock hazards and should be plugged directly into a properly grounded receptacle. Do not cut or remove the grounding prong from this plug.

LP GAS CONNECTION

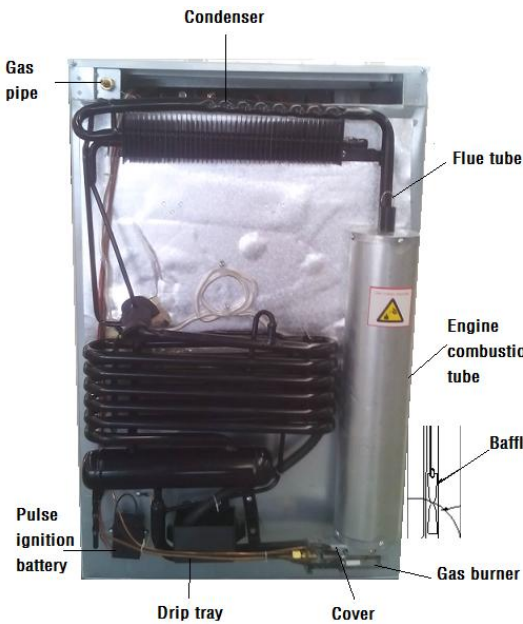
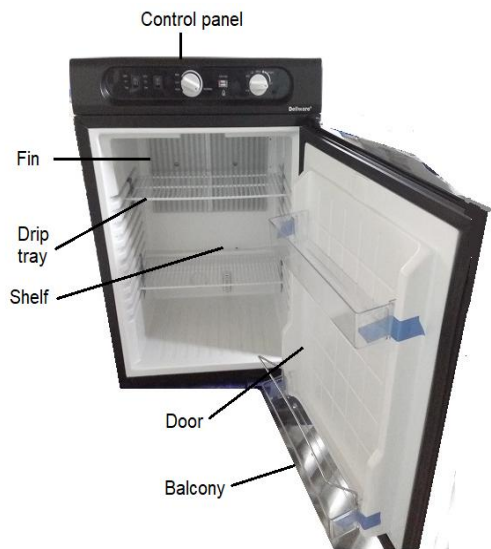
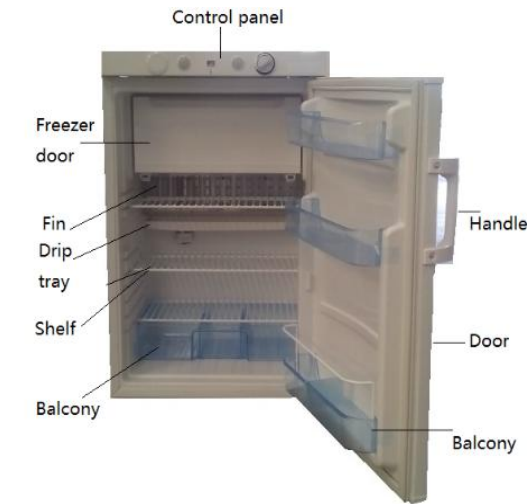
The refrigerator is designed for operation on LP gas, Check that this is stated on the dataplate. The refrigerator is NOT designed for operation on town gas or natural gas. Pls use Regulator comply with the requirements of EN12864;and use hose comply with the requirement of BS3212,Length cannot exceed 1.5 meters . Hose cannot be folded;We suggest that replaced every year .

SAFE DISPOSAL

Contact your municipal department of public works to inquire about the procedures for collecting and disposing of refrigerated appliances in your area.

NOTE: Do not attempt to remove refrigerant or compressors yourself. Improperly handled refrigerant may result in physical harm. Only properly trained individuals using EPA-approved refrigerant recovery equipment should attempt to remove refrigerant from appliances.

PARTS AND FEATURES





INSTALLATION INSTRUCTIONS

It is advisable to clean the inside of the absorption refrigerator with lukewarm water using a mild detergent, and then to dry it thoroughly prior to use.

LEVELLING AND VENTILATION

The refrigeration system of the cabinet is designed to operate with the cabinet located on a flat surface. Avoid tilting the cabinet side.

If the cabinet must be tilted on an angle for handling or moving purposes, allow it to sit in an upright position 20 to 30 minutes prior to plugging it in and starting the cooling of the storage compartment.

For electrical models - Grounding plug and socket should be provided in accordance with local regulations. The cable-size should meet the refrigerator's requirements. The unit must be connected to proper electrical network, which is shown on the nameplate, through an omnipolar circuit-breaker. To assure the proper function of the refrigerator.

Please observe the following recommendations.

To ensure correct circulation, the unit should be kept 2.5 cm away from the rear wall and possible side walls.

The clearance above the refrigerator should be at least 100 mm.

Locate the unit away from direct sunlight. This will enable you to obtain the best performance and save energy.

Further the room should have a window (which can be opened) or a door to the outside.

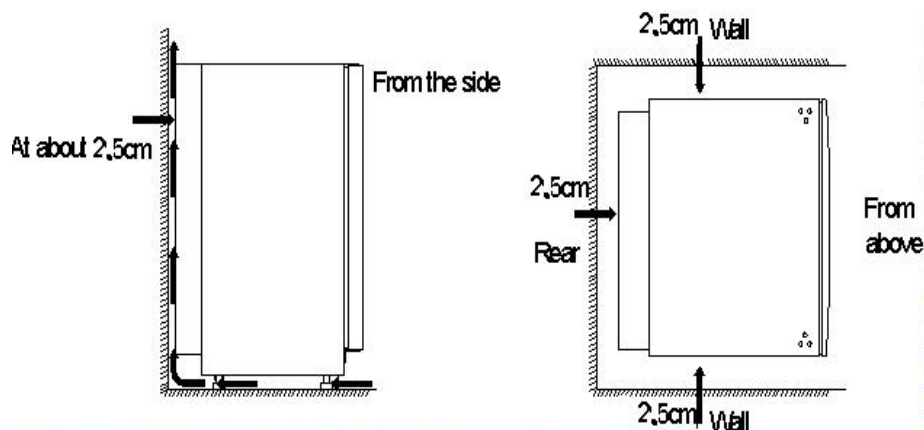
It is important that the refrigerator is not subject to radiation of heat from a stove etc.

For best performance also at high ambient temperatures there must be a free air circulation over the cooling unit at the rear of the refrigerator.

The refrigerator is designed for a free-standing installation.

Ventilation must be in accordance with AS5601-2004 - Gas Installations. In

general, the appliance should have adequate ventilation for complete combustion of gas, proper flueing and to maintain temperature of immediate surroundings within safe limits.



LP GAS CONNECTION

The refrigerator is designed for operation on LP gas, the pressure of which must be 2.75kPa for Propane. Check that this is stated on the data plate. The refrigerator is NOT designed for operation on town gas or natural gas.

CAUTION! CHECK THAT THE GAS SUPPLIED TO THE REFRIGERATOR IS AT THE PROPER PRESSURE. SEE THE PRESSURE REGULATOR ON THE LP GAS CONTAINER.

This appliance shall be installed only by authorised persons and in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, AS 5601-2004 - Gas Installations and any other statutory regulations.

The gas supply pipe should be connected to the gas inlet of the gas control valve by means of a suitable threaded coupling.

In making the connection to the refrigerator, a union gas cock of an approved bottled-gas type must be incorporated in the supply line in a position which is readily accessible to the user. For eventual servicing purposes, the union should be on the outlet side of the cock and the pipe work should be positioned so as not to prevent the refrigerator from being readily withdrawn.



Never check gas leaks with an open flame. Use an approved leak detection solution.

AN APPROVED MANUAL SHUT-OFF VALVE MUST BE INSTALLED AT THE GAS INLET OF THE REFRIGERATOR. THE SHUT-OFF VALVE MUST BE ACCESSIBLE TO THE USER WHEN THE APPLIANCE IS IN THE INSTALLED POSITION.

BEFORE LEAVING –Check all connections for gas leaks with soap and water. DO NOT use a naked flame for detecting leaks. Ignite the burner to ensure correct operation of gas valve, burner and ignition. Turn gas tap to low flame position and observe stability of the flame. When satisfied, please instruct the user on the correct method of operation. In case the appliance fails to operate correctly after all checks have been carried out, refer to the authorised service provider in your area.

AC CONNECTION.

Check that the voltage stated on the data plate is the same as the mains voltage in use).

Plug the refrigerator power cord into an easily accessible earthed wall socket.

Electrical leads must be routed and secured so that they cannot come into contact with hot or sharp parts of the refrigerator.

12 V DC CONNECTION.

For 3 ways model, there is a terminal block in the rear bottom for 12VDC. You can ignore the positive and negative indication, simply connect the 12V DV power to the two terminals.

It must only be supplied at safety extra low voltage corresponding to the marking on the appliance.

The 12V power cord and its wiring are as follows:



If necessary, please contact the manufacturer.

一: OPERATION INSTRUCTIONS (DSG-100B1*-A / DSG-100D1*-A)

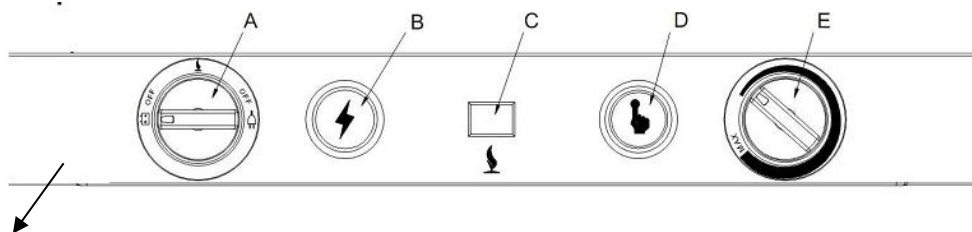


Fig1 A: Power switch B: Pulse ignition switch C: Flame indicator
D: Safety valve E: Thermostat knob

The Power selector has five positions:

-Main supply AC  -DC 12V  -GAS  -Switch off(2 positions) OFF

The refrigerator can be run on either AC or LP gas, or even 12VDC for some models. Changing between these modes of operation is carried out by means of control buttons positioned as shown in fig. 1.

The Pulse igniter discharges sparks over the burner when the button (B) is depressed.

In the flame indicator (C), you can see a blue light when the flame is alight.

The refrigerator is fitted with a safety device which automatically shuts off the supply of gas if the flame goes out. The safety device can be opened manually by depressing knob (D).

The refrigerator temperature is controlled by a thermostat (E). Please note that the thermostat has no "off" position.

GAS OPERATION

Prior to starting gas operation, open the gas cylinder valve and the shut-off valve for gas supply to the refrigerator.

After initial installation, servicing, or changing gas cylinders etc., the gas pipes may contain some air which should be allowed to escape by depressing the button (D).

This will ensure that the flame lights right away.

1. Set the power selector knob (A) to gas mode. See right fig.

2. Depress the safety valve button (D) and hold it down while depressing the igniter button (B).

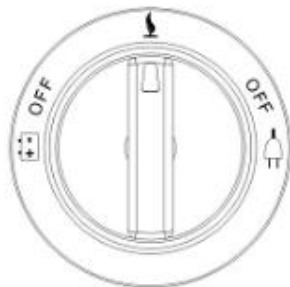
3. Check the flame indicator (C) to see whether the flame is alight. The pointer should move from red to green section after the flame is lighted.

4. Keep the safety valve button (D) depressed for a further 10-15 seconds.

5. Release the safety valve button (D) and again check that the flame is alight.

Note: If the battery ignition fails to spark, you might need to replace the battery. If the burner has not lit after 4-5 attempts, turn off the gas tap, wait 5 minutes and then try to re-light. If the burner still fails to light, please contact the authorised service provider in your area.

To terminate gas operation, turn the power switch to OFF, then turn off the gas valve from the gas container.



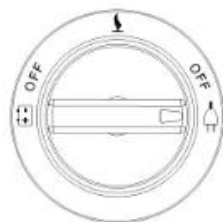
AC OPERATION

Make sure that the gas valve is turned off.

1. Set the power selector knob (A) to AC mode. See right Fig.
2. Have the AC power connected to the refrigerator.

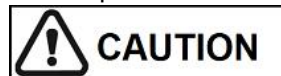


The AC power should comply with what is specified in the data plate. Any difference in values may result in damages to the refrigerator!

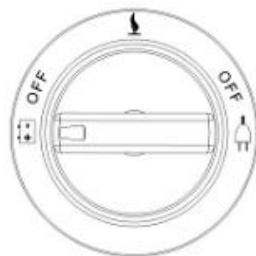


12VDC OPERATION

Set the power selector knob (A) to DC mode. See right fig.



The DC mode is only designed to be used when driving. Otherwise your battery will be discharged within a few hours!



On 12V DC operation, this device is only a conservator.

To terminate any power mode, gas, AC or DC, turn the knob A to either of two OFF positions.

REGULATING THE TEMPERATURE

The right fig shows the thermostat. Turn the knob clockwise to get lower temperature inside.

It will take several hours for the refrigerator to reach normal operating temperature.

Please note that too much lower temperature might make vegetable or egg frozen.

12V DC power is not regulated by this thermostat.



Note: If the battery ignition fails to spark, you might need to replace the battery.

二: OPERATION INSTRUCTIONS (DSG-40B1*-A/DSG-60B1*-A)

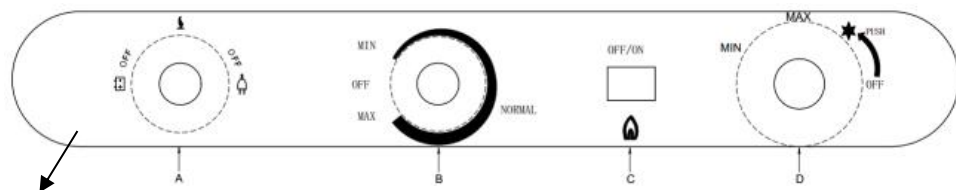


Fig2 A: Power switch B: Thermostat knob C: Flame indicator

D: Safety valve & electronic spark ignition switch

GAS OPERATION

When the gas cylinder is initially installed, repaired or replaced, some air will enter the gas pipe. Press the button and turn the (D) knob counterclockwise to MAX, hold it for 15 seconds or more, let go of the air inside the pipe, and then open the valve of the gas cylinder, then press the safety valve switch button (C) for more than 15 seconds until the flame indicator (C) lights up.

The specific operations are as follows:

1. Rotate the energy selection knob (A) to gas mode.
2. Press the safety valve and the battery ignition switch button (D) and hold it while turning the knob counterclockwise (D) to the MAX position.
3. Check the flame indicator (C) to see if the flame is on. After the flame is ignited, the pointer should move from the red area to the green area.
4. Press and hold the safety valve and battery ignition switch button (D) for 10-15 seconds.
5. Release the safety valve and the battery ignition switch button (D) and check again whether the flame is on or not.

Note: Safety valve has a stuck on each level, depress the safety valve button (D) and hold it down while adjusting the gas flow.

Note: If the battery ignition fails to spark, you might need to replace the battery.

If the burner has not lit after 4-5 attempts, turn off the gas tap, wait 5 minutes and then try to re-light. If the burner still fails to light, please contact the authorised service provider in your area.

To terminate gas operation, turn the power switch to OFF, then turn off the gas valve from the gas container.

To terminate any power mode, gas, AC or DC, turn the knob A to either of two OFF positions.

三: OPERATION INSTRUCTIONS (DSG-40B1*/DSG-60B1*)

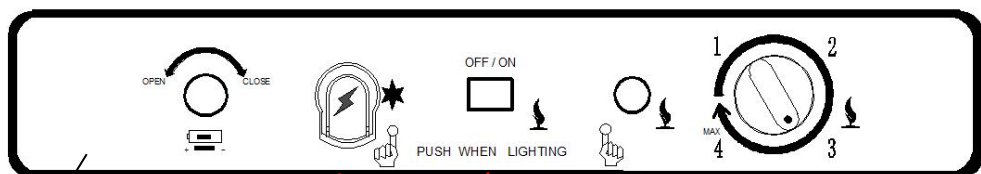


Fig3

A: Battery ignition; B: Flame indicator; C: Safety valve button;
D: Thermostat knob; E: Battery cap

The refrigerator temperature is controlled by a thermostat (D). Please note that the thermostat has no "off" position.

The refrigerator is fitted with a safety device which automatically shuts off the supply of gas if the flame goes out. The safety device can be opened manually by depressing knob (C).

In the flame indicator (B), you can see a blue light when the flame is alight.

Temperature Control

Temperature inside of the cabinet is 2°C to 8°C. Temperature can be changed by adjusting thermostat knob. Rotate thermostat clockwise can make temperature lower. When rotating thermostat knob anticlockwise to "OFF" position, refrigerator is off working.



The lighting in the cabinet

The lighting of this refrigerator uses LED, which is with high brightness, no heat emission and long service life, and the light switch is controlled by the door, which means the inside light will start illuminating automatically when the door is opened. Please pay attention that if there is malfunction with the light, please contact the after-sales service department of this product or professionals for examination.

四: OPERATION INSTRUCTIONS (DSG-70B1*)

The cable for mains connection, the 12V connecting block and the gas connector are located on the back side of the refrigerator (Figure 4.)

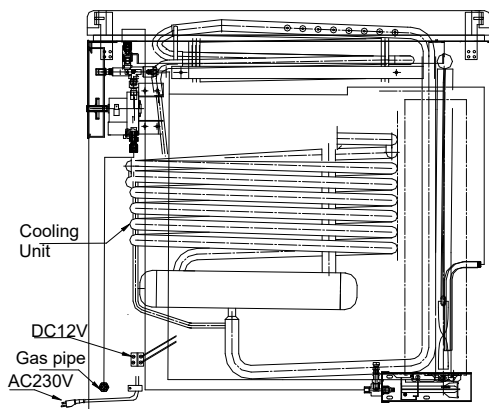


Figure 4

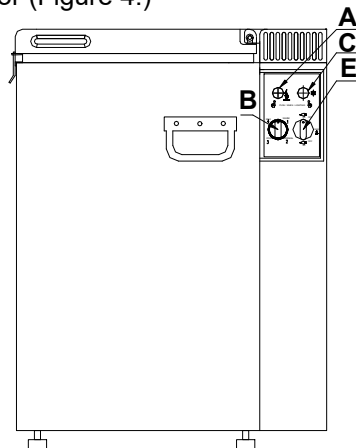


Figure 5

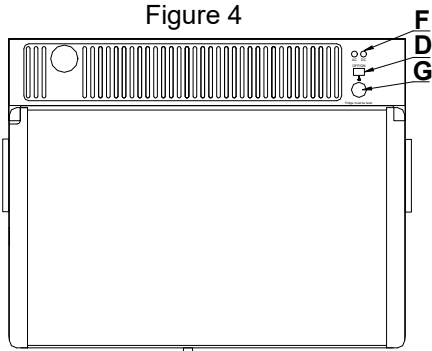


Figure 6

- A: Safety device button
- B: Thermostat knob
- C: Pulse ignition switch
- D: Flame indicator
- E: Rotary switch
- F: Power on lamp
- G: Spirit level

The refrigerator can be run on either AC or LP gas or DC12V. Switching among these modes of operation is carried out by means of control buttons positioned as shown in fig. 5.

The refrigerator temperature is controlled by a thermostat (B). The refrigerator is fitted with a safety device which automatically shuts off the supply of gas if the flame goes out. The safety device can be opened manually by depressing button (A). If the burner is working the flame indicator (D) pointer will be in the green field. The Pulse igniter discharges sparks over the burner when the button (C) is depressed.

The Gas/Power rotary switch (E) can be set at either AC (=AC power is on, while LP gas and DC12V are shut off), or OFF (=Neither power can work.), or GAS (=LP gas needs to be connected, while AC and DC power are shut off.). The green AC Neon lamp (F) will light when AC power is on. The red DC Neon lamp (F) will light when DC12V power is on.

AC mode operation

Turn the power switch to AC mode.

Plug the power cord to the power socket.

Warning: Electrical grounding instructions:

This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazards and should be plugged directly into a properly grounded three-prong socket. Do not cut or remove the grounding prong from this plug.

The cord is approximately 5 feet long and a grounded three-prong receptacle should be installed in an accessible position within reach of the plug. Do not use any extension cords!

When connecting the appliance for the first time, set the thermostat to maximum (Figure 5.B); Then, after about 5 hours, set it back a medium position. This is suitable for general refrigeration requirements.

DC12V mode operation

Turn the power switch to OFF mode.

Then connect the DC12V power cables to the terminal block which is available in the rear bottom part of the refrigerator. See figure 4.

Then turn the power switch to DC mode.

Switch on your DC12V power supply.

DC operation is not as efficient as LP Gas or AC operation. DC electric should not be used to initially cool the refrigerator. Only use DC when the other modes are unavailable (for example; while in transit).

If you are getting DC power from your automobile, make sure, if the engine is not running, that the refrigerator is removed from the DC power supply. Otherwise, the refrigerator will discharge the vehicle battery when in operation.

In this refrigerator DC12V power supply is not regulated by thermostat.

Liquid gas operation

After initial installation, servicing, or changing gas cylinders etc., the gas pipes may contain some air which should be allowed to escape by briefly depressing the safety device bottom. This will ensure that the flame lights easily.

1. Make sure that all valves between the gas container and the refrigerator are open.
 2. Turn power switch (E) to gas.
 3. Depress the safety device button (A) and hold it down while depressing the Pulse igniter button (C) repeatedly.
 4. Check the flame indicator (D) to see whether the flame is alight. If the flame does not ignite, repeat the 3, 4 process.
 5. Keep the safety device button depressed for a further 10-15 seconds.
 6. Release the safety device control and again check to see that the flame is alight.
- To terminate gas operation, turn the power switch to OFF, then turn off the gas valve from the gas cylinder..

If for any reason, the gas flame extinguishes, the flame safety device is working automatically and shuts off gas supply. While the button is pushed, this device is temporary inoperative.

Installation

The installation of the refrigerator must conform to the following
For installation, for maintaining proper clearances from combustible material to the refrigerator, the following minimum clearances must be observed:

Clearance from rear edge to outer casing of refrigerator :	4 inches
Clearance above top of refrigerator lid:	16 inches
Clearance at sides of refrigerator casing:	2 inches

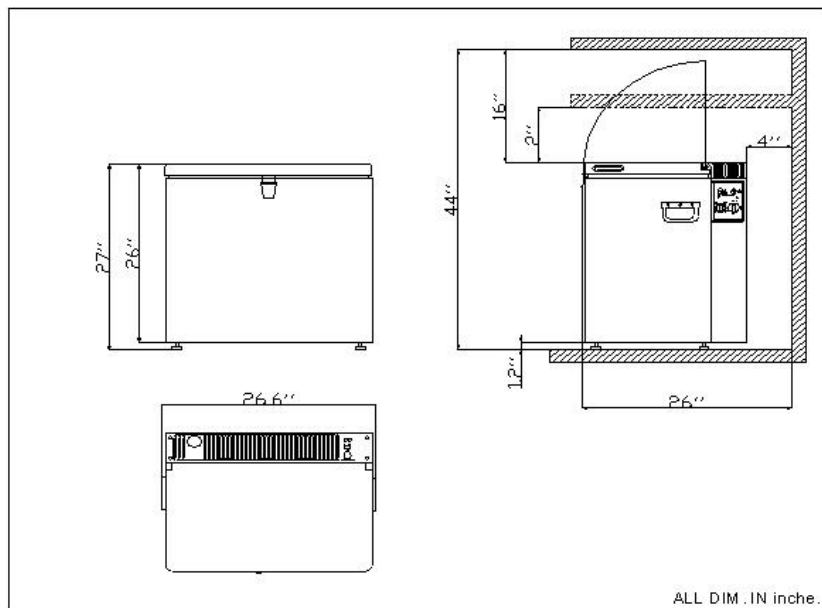


Figure 7

Fig 7. Illustrates these minimum clearances.

The appliance must not be installed directly on carpeting. Carpeting must be protected by a metal or wood panel beneath the appliance which extends at least the full width and depth of the appliance.

See that the refrigerator is standing level in both directions by means of a spirit level. This is important for satisfactory operation of the cooling unit.

The absorption cooling unit is cooled by convection air and therefore it is of the outmost importance that the air circulates free over the unit and that the air vent openings of the refrigerator are always kept open , The more ventilation you provide , the better the performance you can expect from the refrigerator.

NOTES: KEEP APPLIANCE AREA CLEAR AND FREE FROM COMBUSTIBLE MATERIALS,GASOLINE AND OTHER LIQUIDS WITH FLAMMABLE VAPORS. DO NOT OBSTRUCT THE FLOW OF COMBUSTION AND VENTILATION AIR.

Replace the battery for electronic spark ignition (DSG-100D1*-A / DSG-100B1*-A)

When the battery ignition fails to spark, you need to replace the battery, replacement step as follows

1. Hold and pull down the "A" as illustrated in pic, take out the battery box.
2. Replace the old battery with new one. Note: 7#1.5V battery need to be used and the red wire must connect to the "+" side of the battery.



Replace the battery for electronic spark ignition (DSG-40B1*-A / DSG-60B1*-A)

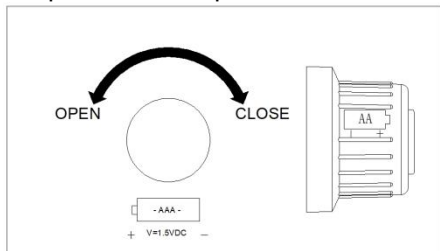
When the battery ignition fails to spark, you need to replace the battery, replacement step as follows

1. Find the light box on the top of the liner, remove the fixing screws with a phillips screwdriver, and take out the battery box.
2. Replace the old battery with new one. Note: 7#1.5V battery need to be used.



Replace the battery for electronic spark ignition (DSG-40B1*/DSG-60B1*/DSG-70B1*)

When the battery ignition fails to spark, you need to replace the battery, replacement step as follows



On the far left of the control panel, there is a pulse igniter, grab the lid, turn counter clockwise, remove the battery, and then install the battery clockwise, note: the battery is a No.7 1.5V battery

TURNING OFF THE REFRIGERATOR

If the refrigerator is not to be used for some time:

- 1.Shut off any valve in the gas line to the refrigerator.
- 2.Turn the main power switch to “OFF”. Any of the two “OFF” is fine.
- 3.Empty the refrigerator. Defrost and clean it. It must be completely dry inside to avoid mold growth (if possible have the door open).
- 4.Set the thermostat button to the minimum position;

RECOGNISING ABNORMAL OPERATION

Any of the following are considered to be abnormal operation and may require servicing:

- Yellow tipping of the burner flame.
- Burner not igniting properly.
- Burner failing to remain alight.
- Gas valves, which are difficult to turn.

In case the appliance fails to operate correctly, contact the authorised service provider in your area.

REVERSING THE DOOR (OPTION)

How to reverse the door (See picture 1)

- 1.First, place the refrigerator upside down and remove the fixing screws on the lower hinge at position 2 in the picture with a Phillips screwdriver
- 2.Then remove the door and place it on a soft object to prevent damage to the door
- 3.Then take the hinge shaft at position 1 in the figure below and install it at the same position on the other side. .
- 4.Then attach the door body to the refrigerator and secure the lower hinge..
- 5.Stand the refrigerator up, then remove the handle and install it on the other side.
- 6.Finally check whether the door seal is flashing, if it is flashing, blow the hot seal with the hair dryer to close.

How to reverse the door (See picture 2)

- 1.Remove the lower hinge by loosening and removing the screws with screwdriver (2).
- 2.Carefully lower the door and remove it.
- 3.Remove the two screws from the left top hinge(1) position, take the plastic part off the hinge position.
- 4.Remove the two screws from the right top hinge and take off the hinge, insert the 5.plastic part, rivet the two screws thereafter.
- 6.Take off the lower hinge and fix it to the opposite side.
- 7.Take the door. Insert the lower hinge axle into the right bottom hole of the door.
- 8.Fix the spare hinge to the left top position of the cabinet. Adjust the door, make it straight and in alignment with the cabinet.



1



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Note: As the door gasket gets pressed-in during shipment, after reversing the door the gasket might have to be reset. This will be good for seal to avoid any air escaping. If there is a gap between the cabinet and the door gasket, set the gasket by gently pulling it out to seal the gap. If necessary, you are recommended also to use the hair drier to warm the gasket to get rid of the gap.

FOOD STORAGE

The freezer compartment is not intended for quick freezing of foods. It keeps food frozen.

The fresh food compartment stores and cools food. For best cooling performance, air must circulate within the fresh food compartment. Do not cover the shelves with paper, plastic, etc.

To reduce frost on the cooling fins, cover liquids and moist foods. Do not place hot foods in the compartment, and do not leave the door open longer than needed.

The door storage areas hold items such as 2-liter bottles, half-gallon milk cartons, pop cans, ketchup bottles, and other commonly used items.

Allow the refrigerator to cool for 8 hours before loading foods. Loading a warm refrigerator with warm food increases the cool down period.

Never keep items in the refrigerator which might give off flammable gases.

Never put bottles or cans of fizzy drinks in the frozen food storage compartment as they may burst when freezing. Also don't give children ice lollies straight from the frozen food as they could cause frostbite. Most kinds of frozen food can be stored in the frozen food compartment for about a month. This period of time may vary, however, and it is important to follow the instructions on the individual packets.

ICE-MAKING

Fill the ice tray just below the brim with drinking water and place it on the freezer compartment.

It is possible to make ice faster by turning the control knob temporarily to its highest value but do not forget to turn it back to its regular setting afterwards as the refrigerator might otherwise become too cold.

DEFROSTING

Frost will gradually accumulate on the refrigerating surfaces. It must not be allowed to grow too thick as it acts as an insulation and adversely affects refrigerator performance.

Check the formation of frost regularly every week and when it gets about 3 mm thick, defrost the refrigerator. To defrost the refrigerator, turn it off and remove the ice tray and all food items.

Warning: normally the temperature of items of frozen foods would rise unduly during defrosting and so they should be consumed within 24 h or discarded.

Do not try to accelerate defrosting by using any kind of heating appliance, as this might damage the plastic surfaces of the refrigerator. Neither should any sharp objects be used to scrape off the ice.

The defrost water runs through the drainage pipe to a receptacle at the rear of the refrigerator where it evaporates.

Defrost water in the freezer compartment should be mopped up with a cloth.

When all ice has melted, wipe the refrigerator dry and restart it.

Place the food items back inside but wait until the refrigerator is cold before making ice cubes

CLEANING THE REFRIGERATOR

Warning: To avoid electric shock always unplug your absorption refrigerator before cleaning. Ignoring this warning may result in injury.

General: Do not use harsh chemicals, abrasives, ammonia, chlorine bleach, concentrated detergents, solvents or metal scouring pads. SOME of these

chemicals may dissolve, damage and/or discolor your absorption refrigerator.

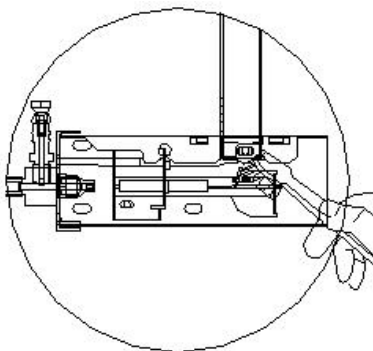
- 1) Remove the contents of the appliance
- 2) Wipe the inside and outside surfaces with a damp cloth. The addition of vinegar to the water is good for the prevention of mold and fungus.
- 3) Wipe all parts thoroughly after the cleaning.

The cooling unit behind the refrigerator should be cleaned with a brush from time to time, but make sure that the refrigerator is switched off when doing this. The entire unit must be left for drying completely after cleaning with damp cloth

CLEANING THE BURNER

Take off the protection hood and do the following:

1. Clean the openings and the burner screen with a toothbrush;
2. Clean and inspect the electrode and thermocouple. If either is corroded, have it changed. Check that they are well attached and if necessary tighten the screws;
3. Check that the spark is created by pressing the electric piezo igniter button on the control panel.
4. Do not use thin objects to either clean or unblock the injector

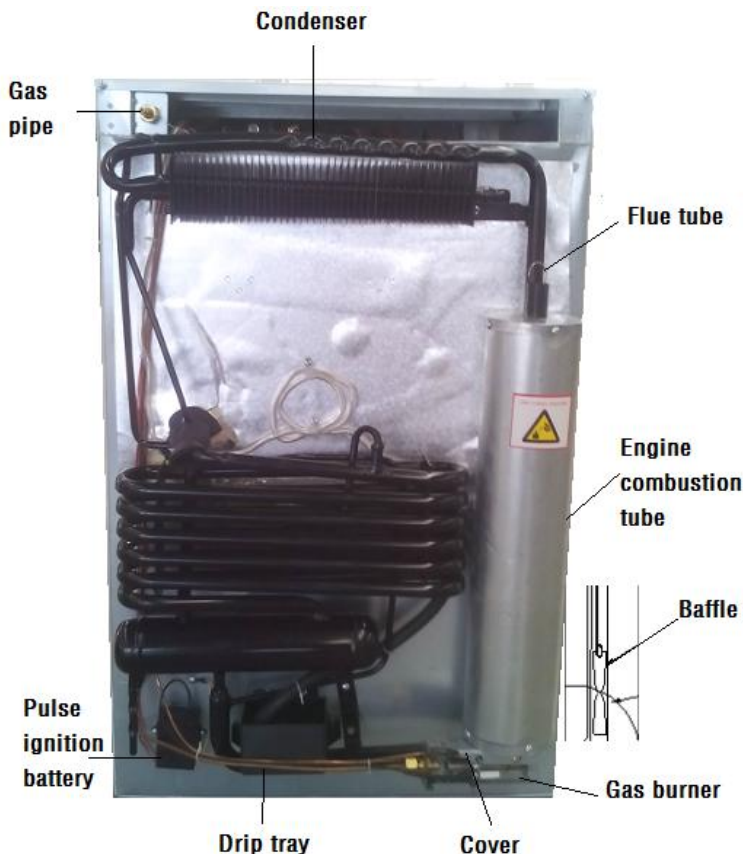


CLEANING THE COOLING SYSTEM FLUE

WARNING Carbon Monoxide can be hazardous to your health. Gas appliances may emit excessive Carbon Monoxide if the refrigerator's burner, burner orifice, and the flue tube are not regularly cleaned. To prevent Carbon Monoxide, the burner, burner orifice, and the cooling system's flue tube must be cleaned at least once a year and after all prolonged (seasonal) shut-down periods. Refer to the following cleaning procedures, or contact a qualified installer, your dealer.

Before cleaning, Put a cloth on the burner to protect it from dirt;

1. Remove the refrigerator from its enclosure.
 2. Remove the heat deflector cap from the flue.
 3. Remove the spiral flue baffle from the flue tube.
 4. Using a stiff brush or fine emery cloth, clean the spiral flue baffle of debris.
 5. Clean the inside of the flue tube with a flue brush. Inspect burner after cleaning.
 6. Re-install the spiral flue baffle. Insure the spiral flue baffle is securely in place.
- The spiral flue baffle is required for efficient cooling while operating in the gas mode.



TROUBLE SHOOTING AND MAINTENANCE

If the refrigerator fails to work, check the following points before calling a service technician:

1. That the above installation and operating instructions have been followed.
2. The refrigerator is level.
3. If it is possible to start the refrigerator on any of the connected sources of energy.
4. If the refrigerator fails to work on gas, check:
 - That the gas bottle is not empty.
 - That all LP-gas valves are open.
5. If the refrigerator fails to work on AC, check:
 - That the AC supply is connected to the refrigerator.
 - That the fuse is intact.

If the refrigerator is not cold enough it may be because:

The ventilation of the cooling unit is inadequate.

The thermostat is set on the high temperature position.

The doors are opened frequently, or the gasket is not sealed properly.

Too much food at one time.

The gas pressure is incorrect - check the pressure regulator at the gas container. If the refrigerator still does not work properly, call a service technician.

The sealed cooling system must not be opened, since it contains corroding chemicals under high pressure.

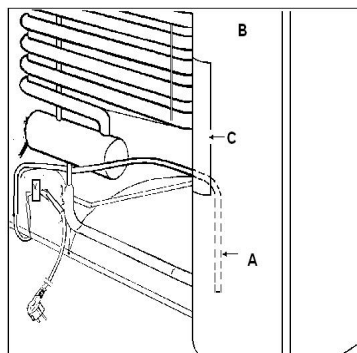
MAINTENANCE

Inspect the gas hose periodically for cracks or deep chafing marks. Connections can be tested for leaks using a soap solution.

CHANGING THE HEATING ELEMENT

The heater which is fitted inside the boiler casing (B), of the refrigerator unit, can be changed as follows:

1. Pull the power cord out of the wall socket.
2. Remove the cover C.
3. Remove some insulation wool so that the heater A is accessible.
4. Open the terminal block cover and disconnect the heater leads.
5. Turn and lift the heater out of its pocket.
6. Fit the new heater into the pocket.
7. Connect the leads and close the terminal Block cover.
8. Carefully put the insulation wool back into Position and close the cover of the boiler casing.



HOW TO CHANGE A NEW GAS BOTTLE

Suppose you find the cooling effect of your unit is not as good as before after a certain period, inspect whether there is still gas pressure, if not, shut off the general gas valve, move away the gas pipe connected to the appliance, change for a new gas bottle, and you can restart your refrigerator now (Refer to section "OPERATION INSTRUCTIONS")

The sealed cooling system must not be opened, since it contains corroding chemicals under high pressure.

WARNING: Do not use flame to check for leakage in the gas tubes.

MAINTENANCE

Inspect the gas hose periodically for cracks or deep chafing marks. Connections can be tested for leaks using a soap solution.

DO NOT USE AN OPEN FLAME!

If there is any suspicion of damage, call for a service technician.

We recommend that a service technician check the refrigerator once a year.


LIMITED WARRANTY

As a condition to any warranty service obligation, the consumer must present the Warranty Certificate along with a copy of the original purchase invoice.

THIS WARRANTY DOES NOT COVER:

- 1) Damage, accidental or otherwise, to the absorption refrigerator while in the possession of a consumer not caused by a defect in material or workmanship.
- 2) Damage caused by consumer misuse, tampering, or failure to follow the care and special handling provisions in the instructions.
- 3) Damage to the finish of the case, or other appearance parts caused by wear
- 4) Damage caused by repairs or alterations of the absorption refrigerator by anyone other than those authorized by the manufacturer.
- 5) Freight and Insurance cost for the warranty service.

ALL WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANT ABILITY ARE LIMITED TO CLAIMED DURATION. THE MANUFACTURER DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES

Correct Disposal of this product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>