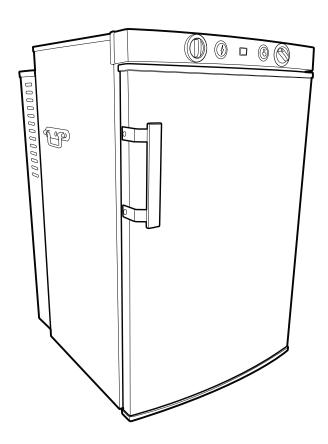


96 L / 3.4 cu/ft

# UGP 3

# Portable Propane Refrigerator



# **OWNER'S GUIDE**

serial number:

# **UNIQUE UGP-3**

## PORTABLE CAMPING REFRIGERATOR

# Installation and Owner's Manual

**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.

### **!SAVE THESE INSTRUCTIONS!**

# FOR YOUR SAFETY IF YOU SMELL GAS

- · Open windows.
- Do not touch electrical switches.
- Extinguish any open flame
- Immediately turn off gas supply and call your gas supplier
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance

# FOR YOUR SAFETY

If you smell gas:

- 1. Evacuate enclosure
- 2. Call professional for help

### FOR YOUR SAFETY

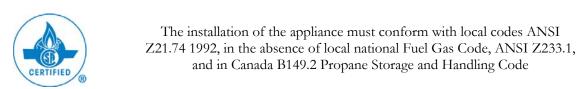
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.



- 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 cylinder valve or if equipped with a disposable fuel supply, disconnect the fuel cylinder from the refrigerator.
- 6. Evacuate the area immediately and wait for gas to dissipate such that you can no longer smell the gas. If necessary, have the appliance serviced.

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

V5-2023







MANUFACTURED AND CERTIFIED BY

# **Unique Appliances Ltd**

"Personal Service & Knowledge makes us Unique"

2245 Wyecroft Road Oakville, Ontario Canada L6L 5L7 Ph: 905-827-6154 Toll Free: 1-877-427-2266 Fax: 905-827-2027 www.UniqueAppliances.com

E-mail: info@UniqueAppliances.com

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# Chapter

# Welcome & Congratulations

ongratulations on your purchase of a **UniQUE** refrigerator!. We are very proud of our product and we are completely committed to providing you with the best service possible. Your satisfaction is our #1 priority. Please read this manual very carefully. It contains valuable information on how to properly maintain your new gas refrigerator.

We know you will enjoy your new refrigerator and thank you for choosing one of our Unique Gas Products. We hope you will consider us for future purchases.

### PLEASE READ AND SAVE THESE INSTRUCTIONS

This manual provides specific operation instructions for your model. Use your refrigerator only as instructed in this manual. These instructions are not meant to cover every possible condition and situation that may occur. Common sense and caution must be practiced when installing, operating and maintaining the appliance

Please record your model and serial # shown below for future reference. This information is found on your CSA rating/serial plate on the back of the refrigerator.

Please mail in the Warranty Registration Card included with your refrigerator.

## **Safety and Warnings**

### If you smell gas

- Open windows
- Don't touch electrical switches
- Extinguish any open flame
- Immediately call your gas supplier

### For your Safety

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

### 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.
- This product can produce Carbon Monoxide. Carbon Monoxide has no odour and can kill you. The burner and flue system must be kept clean. See owner's manual for cleaning instructions.
- 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 receptacle. Do not cut or remove the grounding prong from this plug
- Provide ample ventilation, especially when sleeping. This refrigerator "consumes air (oxygen). Do not use this refrigerator in unventilated structures to avoid endangering your life. Provide additional ventilation for any additional fuel-burning appliances and additional "occupants."
- CAUTION: NEVER bring a refillable LP-Gas Cylinder Exceeding 1lb indoors. A fire or explosion can occur causing property damage, serious injury or death.

### **Installation Instructions**

 The installation of the appliance must conform ANSI Z21.74 1992 in the absence of local national Fuel Gas Code, ANSI Z233.1, and in Canada B149.2 Propane Storage and Handling Code





# **Installation and Operating Instructions**

### Installation

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

Ensure that there is a free air space above the refrigerator and that the flue (chimney) on top of the cabinet is not covered in any way. Do not place the refrigerator in a space where air circulation is restricted. Follow "clearance" instructions.

This UNIQUE 3 appliance has been certified as a portable camping appliance in North America it must be used as a portable camping appliance for use outdoors in sheltered area. While using on electrical operation this unit can be used in an enclosed area but must still be protected from moisture as comply with all clearances.

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

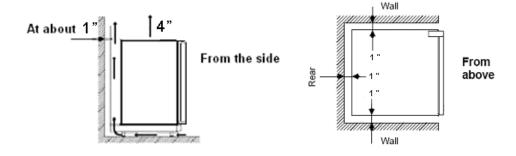
## Clearances

Minimum clearances to combustible materials are:

Top - 4"

Sides – 1"

Rear - 1"



### **Notice 431 Tank Holder Installation Instructions For UGP - 3**

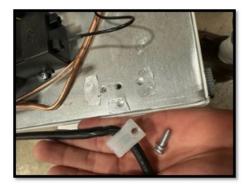
**Part Supplied** 



### **Instructions on Installation**

1. Locate power cord mount clip at the back of the appliance and remove by loosening 1 phillips head bolt.





2. Relocate clip to area shown in photograph below, and mount with self tapping screw.





Note: Steps to this point will be completed at factory (instruction for CSA sample)

6. Install the hose clamp by using the bolt taken out of the power cord clip, and utilizing the hole the power clip was originally mounted to. Please note the hose clamp is predrilled with a mount hole.





7. Insert tank into hose clamp and tighten until snug. Tank should not fall out of holder when fridge

is tipped forward.





8. Full set up with regulator attached.



Note: DO NOT install the appliance directly on carpeting. Carpeting must be removed or protected by a metal or wood panel beneath the appliance, which extends at least the full width and depth of the appliance.

Keep appliance area clear and free from combustible materials, gasoline and other liquids with flammable vapors.



### WARNING - DO NOT USE FLAME TO CHECK FOR GAS LEAKS

# Levelling

Ensure the fridge is leveled by using a 2ft level; the operation of this unit uses an absorption system which requires the appliance to be level in order to operate effectively.

# **Connecting to Gas Cylinder Types**

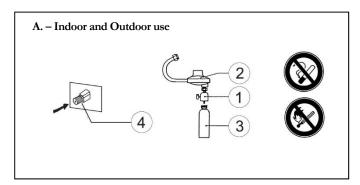
### A. Indoor and Outdoor use

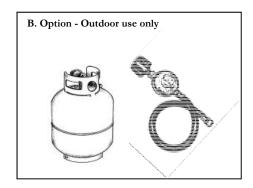
This applies to self-contained fuel supplies and using fuel cylinders of not more than 75 cubic inches (1230 cm3) (2 <sup>1/2</sup> pounds nominal water capacity). Fuel supplies shall be in accordance with the Standard for the Storage and Handling of Liquefied Petroleum Gases, ANSI/NFPA No. 58. The gas supply inlet to a refrigerator is fitted with a nipple and nut conforming with the nipple and nut assembly of Connection No. 600 which will hook directly to your portable camping tank.

### B. Option – Outdoor use only

The freezer is designed for a 20# steel propane self-contained fuel cylinder of not more 4.6 gal (20lbs) capacity. The cylinder(s) must be constructed and marked in accordance with the specifications for LP-gas cylinders of the U.S. Department of Transportation, DOT SPEC. 39 (49CFR 178.65). This cylinder must be used outdoors in accordance with B149.2-10 Storage and Handling Code.

# **Connecting of Gas Supply**





### A. Indoor and Outdoor use only

- 1. Use supplied #600 connector, regulator and hose to connect your appliance to the gas supply #3.
- 2. Tighten #3 to #600 regulator assembly
- 3. and #4 using a backup wrench to the appliance.
- 4. After connecting, all *gas connections must be checked for leaks*. For this, put a soapy solution on all gas connections, turn on the gas cylinder manual valve and watch for bubbles. **Never use an open flame to check for leaks.**

**Note**: The gas supply system must incorporate a pressure regulator to maintain a supply pressure of not more than 12" water column and no less than 11" water column. (Max setting)

### B. Outdoor use only

- 5. Use optional or supplied regulator and hose to connect your appliance to the gas supply.
- 6. Hook up the 5/8"-18UNF connection to the back of your appliance using a backup wrench.
- 7. Attach the regulator cap to the tank inlet connection and ensure it is tight.
- 8. After connecting, all *gas connections must be checked for leaks*. For this, put a soapy solution on all gas connections, turn on the gas cylinder manual valve and watch for bubbles. **Never use an open flame to check for leaks.**

**Note**: The gas supply system V5-2023must incorporate a pressure regulator to maintain a supply pressure of not more than 13" water column and no less than 11" water column. (Max setting)

- · The cylinder be disconnected when the appliance is not in use
- •The gas must be turned off at the supply cylinder. Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance. Cylinders must be stored outdoors out
- · The cylinder supply system must be arranged for vapor withdrawal
- · If in excess of 1 lb (0.45 kg) of liquid fuel capacity, must include a collar to protect the cylinder valve
- · So not store a spare LP gas cylinder under or near this appliance
- · Never fill the cylinder beyond 80 percent full
- $\cdot \text{ If the instructions in } l(i) \text{ and } l(ii) \text{ are not followed exactly, a fire causing death or serious injury may occur}; \\$





# **General Operating Instructions**

Importance of Leveling a Refrigerator

The refrigerator must be adjusted to a vertical position in both directions. In an absorption refrigeration system, ammonia is liquefied in the finned condenser coil at the top rear of the refrigerator. The liquid ammonia then flows into the Evaporator (inside the freezer section) and is exposed to circulating flow of hydrogen gas, which causes the ammonia to evaporate, creating a cold condition in the freezer.

When starting this refrigerator, the cooling cycle may require 6 to 8 hours of running time to begin cooling before the cooling unit is fully operational, you can then begin slowly loading the compartment.

The tubing in the evaporator section is specifically sloped to provide a continuous movement of liquid ammonia, flowing downward by gravity through this section. If the refrigerator is operated when not level, liquid ammonia will accumulate in sections of the evaporator tubing. This will slow the circulation of hydrogen and ammonia gas, or in severe cases, completely block it, resulting in a loss of cooling. Warranty will not cover recharge/rebuild if caused by not running the fridge level.

This refrigerator operates LP Gas (Propane), 110V (Electricity) and 12V DC

### The power selector has 5 positions



# **Gas Operation**

### "Start Up" Procedure

After initial installation, servicing, or changing gas cylinders etc., the gas pipes may contain some air which should be allowed to escape by briefly turning on the refrigerator. This will ensure that the flame lights immediately.

- 1. Make sure that all valves between the gas container and the refrigerator are open.
- 2. Turn selector switch (A) to gas.
- 3. Depress the safety device control (D) and hold it down while immediately depressing the electronic igniter button (B)
- 4. Once the flame indicator (C) starts to move into the green, release the electronic igniter button (B) but continue to keep the safety device control (D) depressed for a further 10-15 seconds.

- 5. Release the safety device control (D) and again check to see that the flame is alight, making sure the needle is in the green area of the flame indicator.
- 6. Adjust the thermostat knob (E) to desired temperature setting and allow for 6 to 8 hours of operation to achieve desired temperature.

### Shut Down Procedure - LP Gas

- 1. To terminate gas operation, turn selector switch (A) to either OFF or AC (110V) position.
- 2. Shut the gas off at the LP-gas supply cylinder when the appliance is not in use.
- If the refrigerator will not be in operation for a period of weeks, it should be emptied, defrosted, cleaned and the doors left open. The ice tray should also be dried and kept outside the cabinet.

# 110V Operation

- 1. Make sure that the gas valve is turned off at the tank.
- 2. Ensure the electrical cord is plugged into a grounded outlet
- 3. Turn the selector switch (A) to AC (110V) position.
- 4. Adjust the thermostat knob (E) to desired temperature setting and allow for 6 to 8 hours of operation to achieve desired temperature.

# 12V DC 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!

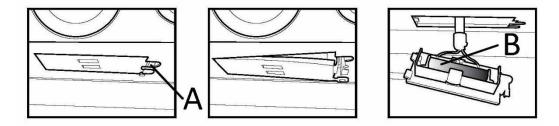
On 12V DC operation the fridge will only maintain temperature already achieved. .

- 1. If 110 Volts or LP gas is not available, the refrigerator can work with DC12V (3-Way models only).
- 2. Make sure that you turn the main power switch (A) to AC (110V) position. This will allow the heating element to work, you can then connect the 12VDC power cord (not supplied) to the terminal block located at the upper right side of the refrigerator, while facing the back.
- 3. 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). When you start to use AC or gas supply, make sure that you disconnect the DC power input.

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

# Battery replacement for electronic spark ignition

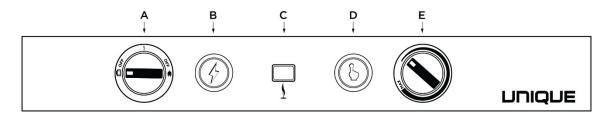
When the battery ignition fails to spark, you need to replace the battery, replacement step as follows



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

**CONTROLS** – See Fig. #1 for description of controls

Figure #1



### **Thermostat**

The refrigerator cooling temperature is controlled by a combination thermostat that can be adjusted by turning knob  $\bf E$  to different settings to maintain the desired refrigerator temperature when operating on either gas or 110V. Knob  $\bf D$  also incorporates a safety device which automatically shuts off the supply of gas if the flame goes out. The electronic igniter discharges sparks onto the burner when the button is pushed.

- 1. "DEF" Defrost setting on the Gas/Electric Thermostat: In gas operation, the thermostat closes its main valve and the burner runs continuously at the bypass rate or pilot flame. (turn fully counter clockwise), and in 110V operation the element will cycle off, until cooling is again required.
- 2. "MAX" Setting of the Thermostat: In gas operation, the thermostat allows the burner to remain on high flame continuously. (turn clockwise), and in 110V operation the element will stay on until the desired temperature is reached inside the fridge.
- 3. The thermostat can be adjusted between "Max" and "Warm" to obtain the desired fridge temperature. When the thermostat reaches the set temperature, it will reduce the burner back to bypass operation or shut the element off in 110V operation.
- 4. In DC operation the fridge will only maintain the temperature that's already been achieved. **There is no thermostatic function.**

When operating on 110V or LP gas, the setting of the thermostat is critical and recommend it be adjusted to maintain a dry frost on the cooling fins (approx. 38° Fahrenheit or 3° Celsius). Adjust the thermostat knob closer to "Max" (clockwise) when the ambient temperature rises.

# How to Use the Refrigerator

### FOOD STORAGE COMPARTMENT

The food storage compartment is completely closed and unventilated, this is necessary to maintain the required low temperature for food storage. The coldest areas in the refrigerator are under the cooling fins and at the bottom of the refrigerator. The warmer areas are on the upper door shelves. This should be considered when placing different types of food in the refrigerator.

### FROZEN FOOD STORAGE COMPARTMENT

This compartment is not designed for deep or quick freezing of food. Meat or fish, whether raw or prepared, can be stored in the frozen food storage compartment provided they are pre-cooled in the refrigerator. To prevent food from drying out, keep it in covered dishes, containers, plastic bags or wrapped in aluminum foil.

# **Defrosting**

Frost will gradually accumulate inside the refrigerator and freezer surfaces. It must not be allowed to grow too thick as it acts as an insulator and adversely affects the refrigerator

performance. Check the formation of frost every week and when it exceeds ½" thick, defrost the refrigerator.

Shut off and empty the refrigerator, leaving the fridge and the freezer doors open. Defrosting time can be reduced by filling the ice tray with hot water and placing it in the freezer compartment.



DO NOT USE A HOT AIR BLOWER, PERMANENT DAMAGE COULD RESULT. DO NOT USE A KNIFE, ICE PICK, OR ANY OTHER SHARP TOOLS TO REMOVE FROST FROM THE FREEZER COMPARTMENT.



### FRIDGE SECTION

Inside the refrigerator compartment, the defrost water drips into a catch tray and moves to the back of the fridge via a small tube. If heavy frost has built up on the cooling fins creating a lot of defrost water, your water reservoir may overflow, we suggest you inspect reservoir before/after cycle.

### FREEZER SECTION

This area must be wiped down with cloths to remove water after defrosting; there is no catch tray for this compartment

When all frost is melted in the freezer compartment & interior of the refrigerator it should be wiped up with a clean cloth. Replace all food and set the thermostat to its normal position.

# Cleaning

Cleaning the refrigerator is usually done after it is defrosted or put into storage. To clean the interior liner of the refrigerator, use a lukewarm water and weak soda solution. Use only warm water to clean the finned evaporator, gasket, ice trays and shelves.



Never use strong chemicals or abrasives to clean these parts as the protective surfaces will be damaged. It is important to always keep the refrigerator clean. Dishwasher detergent is recommended



### Maintenance & Service

The user should be aware of service that must be done on a regular schedule to keep the refrigerator operating properly. Installation must be by a licensed gas fitter in accordance with local codes or must comply with Propane Installation Code CAN/CGA-B149.2 (latest edition)

- 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, ensure clearances are followed.

### REFRIGERATOR REMOVAL

Before working on the refrigerator, shut off the gas supply. Disconnect the gas supply line at the rear of the refrigerator. Always use a backup wrench when loosening and tightening this connection. Disconnect fridge from 110V source.

Warning: To avoid electrical shock always unplug your fridge before cleaning. Ignoring this may result in injury.

### PERIODIC MAINTENANCE

Before working on refrigerator, shut off the gas supply. Disconnect the gas line at the rear of the refrigerator. Always use a backup wrench when loosening and tightening this connection.

To keep your refrigerator operating effectively and safely, periodic inspection and cleaning of several components is recommended once or twice a year, sometimes more often depending on environment.

• It's important to keep the area at the back of the refrigerator clean. Clean the coils on the back of the refrigerator. Use a soft bristled brush to dust off the coils.



*Note:* The following maintenance is required at least once or twice a year at least, more often based upon usage/environment.



Check all connectors in the complete refrigerator LP gas system for gas leaks.
 The LP gas supply must be turned on. Apply a non-corrosive bubble solution to all LP connections. The appearance of bubbles indicates a leak and should be repaired <u>immediately</u> by a qualified serviceman.



### WARNING - DO NOT USE FLAME TO CHECK FOR GAS LEAKS

### PROCEDURE FOR 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.

- 1. Before cleaning, cover the burner to protect it from dirt.
- 2. Remove the spiral flue baffle from the flue tube.
- 3. Using a stiff brush or fine emery cloth, clean the spiral flue baffle of debris.
- 4. Clean the inside of the flue tube with a flue brush. Inspect burner after cleaning.
- 5. 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.

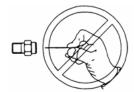
### **CLEANING THE BURNER**

Take off the protection hood and do the following:

- 1. Clean the openings and the burner screen with a wire brush
- 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 electronic ignition button on the control panel.
- 4. Before removing burner orifice, clean burner area of any soot, scale or dirt Remove the orifice and soak it in alcohol (isopropyl alcohol or thinners) and

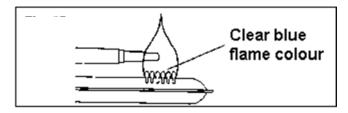
blow it out with compressed air. Do not use thin objects to either clean or unblock the injector. Re-install and tighten burner orifice.

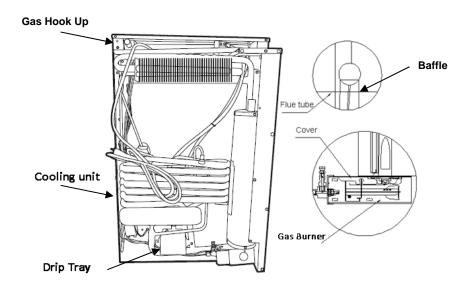
### 5. Replace burner



Warning - DO NOT use a pin or wire when cleaning the burner orifice as damage can occur to the precision opening. This can cause damage to the refrigerator or create a fire hazard. It will also create extremely dangerous levels of carbon monoxide.

Visually check burner flame to ensure you have a clean burning flame, this is represented by a blue looking flame, a yellow/orange flame represents a dirty burner or orifice and needs to be cleaned.





### VIEW OF BACK OF THE APPLIANCE

### **EXPLODED VIEW OF BURNER ASSEMBLY**

**WARNING** – Button **(D)** Fig. #1, page 8, must be manually depressed to allow gas pressure to flow to the burner orifice. Be sure to apply the leak check solution before depressing this button. DO NOT allow any open flame, sparks, smoking, etc. in the area of the test. DO NOT depress **(D)** for over 30 seconds. If leak occurs, correct problem, recheck with leak test solution then light the burner according to the instructions under **Operation Instructions**, **Chapter 2** 

# Chapter

# TROUBLESHOOTING INSTRUCTIONS & SUGGESTED SPARE PARTS TO KEEP ON HAND

### REFRIGERATOR DOES NOT COOL, CHECK LIKELY CAUSES:

- 1. Burner orifice clogged. Clean. See section MAINTENANCE & SERVICE, CHAPTER 3
- 2. Check to ensure refrigerator is level (left to right and front to back).
- 3. Restriction on air flow across cooling unit.
- 4. Heavy frost build up on evaporator fins. Defrost.
- 5. Flue baffle not inserted properly in flue tube.
- 6. Improperly set thermostat. See paragraph on thermostat. In hot weather or heavy use the setting should be closer to "Max" than usual.
- 7. Burner dirty. Clean. See Section MAINTENANCE & SERVICE, CHAPTER 3,
- 8. LP gas pressure low at burner. Regulator pressure must not drop below 11 inches W.C (water column) on high fire.
- 9. 110V supply disconnected or heating element not functioning
- 10. Burner damaged. Replace.
- 11. Odours and fumes
  - Dislocated burner
  - Damaged Burner
  - Dirty orifice
  - Dirty flue tube CHAPTER 4.

# **Suggested Spare Parts**

The following is a list of commonly used parts which are available:

- Burner orifice
- Burner
- Electrode
- Thermocouple
- Baffle

Contact your dealer or an authorized service center for parts and repairs as needed. Quote Model & Serial # - See CSA rating/serial plate on back of appliance.

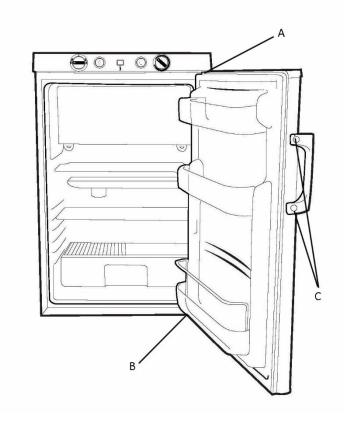


### **Door Removal & Reversal Instructions**

This appliance has the capability of either opening the door from the left or right side. The unit is delivered to you with the door opening from the left side, to the right. Should you desire to reverse the opening direction, please follow instructions below.

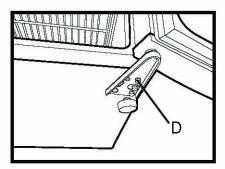
### NOTE: All parts reversible

- A Top Hinge Pin
- **B** Bottom Hinge
- C Door Handle

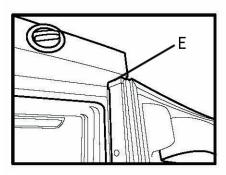


### How to reverse the door:

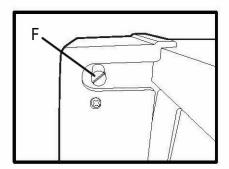
- 1. Lay the fridge on one side exposing the bottom of the fridge, suggested hinge side up.
- 2. Remove the lower hinge **(D)** by loosening and removing all the screws with screwdriver.

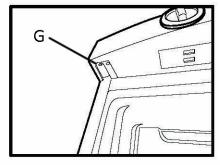


3. Carefully pull away the door from top pin (E) and set aside.

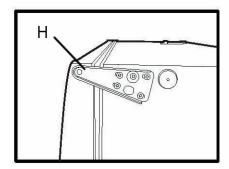


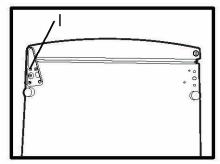
4. Remove the top hinge pin **(F)** with a slotted screwdriver and move it to the opposite side **(G)**.





- 5. Turn fridge upside down and proceed to slide the top of the freezer door onto the top hinge pin.
- 6. Insert the lower hinge into the bottom hole of the fridge door, also including any round spacers that may have been present on the hinge pin when you removed the hinge. Line up the side of the fridge door with the cabinet before tightening hinge to bottom of cabinet. Start to fasten the lower hinge to the bottom of the appliance. Tighten all screws once you're sure everything is lined up. Some screws will be self-tapped in bottom of appliance.





7. The door handle **(C)** can be mounted to the other side of the door. Two screws.

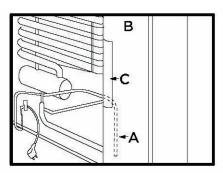
**Note:** As the door gasket gets pressed-in during shipment, after reversing the door the gasket might have to be reset. If there is a gap between the cabinet and the door gasket, set the gasket by gently pulling it out to seal the gap. If necessary, you are recommended also to use the hair dryer to warm the gasket in hot water to get rid of the gap.

# **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.





# **Looking Inside**

### SHELF ADJUSTMENT



Refrigerator shelves are easily adjusted to suit individual needs. Before adjusting the shelves, remove all food.

# **Food Storage Ideas**

### FRESH FOOD STORAGE

- The fresh food compartment should be kept between 38° F and 40° F (3.3° C and 4.4° C) with an optimum temperature of 38° F (3.3°C).
- Avoid overcrowding the refrigerator shelves. This reduces the circulation of air around the food and results in uneven cooling.

### **MEAT**

 Raw meat and poultry should be wrapped securely so leakage and contamination of other foods or surfaces does not occur.

### FROZEN FOOD STORAGE

- The freezer compartment should be kept at 8.6°F (-13°C) at a 77°F (25°C) room ambient.
- A freezer operates most efficiently when it is slowly loaded to 2/3 full.

### PACKAGING FOODS FOR FREEZING

• To minimize dehydration and quality deterioration, use aluminium foil, freezer wrap, freezer bags or airtight containers.

- Force as much air out of the packages as possible and seal them tightly. Trapped air can cause food to dry out, change color, and develop an off-flavor (freezer burn).
- Wrap fresh meats and poultry with suitable freezer wrap prior to freezing.
- Do not refreeze meat that has thawed.

### LOADING THE FREEZER

- Avoid adding too much warm food into the freezer at one time. This overloads the freezer, slows the rate of freezing, and will raise the temperature of frozen foods.
- Leave a space between the packages, so cold air can circulate freely, allowing food to freeze as quickly as possible.

# **Care and Cleaning**

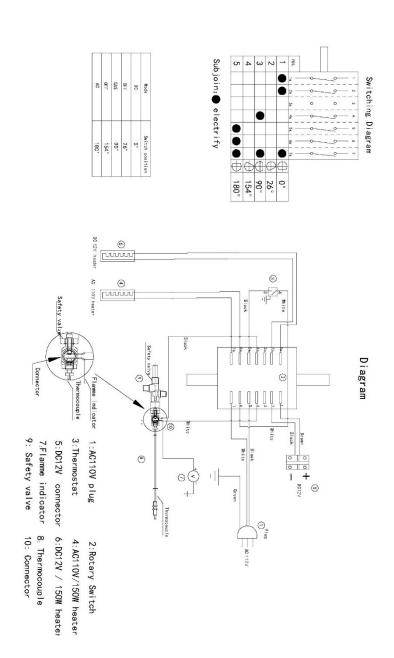
Keep your refrigerator and freezer clean to prevent odor build-up. Wipe up any spills immediately and clean both sections at least twice a year. **Never** use metallic scouring pads, brushes, abrasive cleaners or strong alkaline solutions on any surface. **Do not** wash any removable parts in a dishwasher.

### **NOTES:**

Do not use razor blades or other sharp instruments, which can scratch the appliance surface when removing adhesive labels. Any glue left from tape or labels can be removed with a mixture of warm water and mild detergent, or, touch the glue residue with the sticky side of tape you have already removed. **Do not remove the certification/serial plate.** 

# Chapter

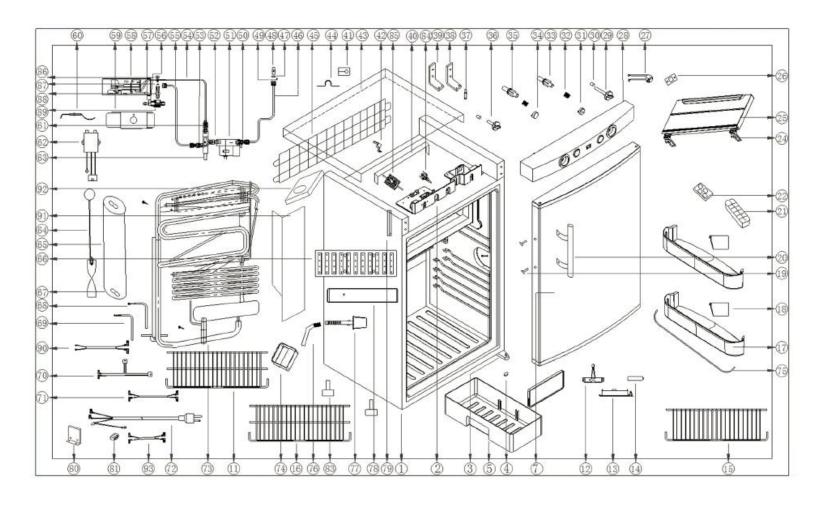
# **Wiring Diagram**





# **Parts Diagram and List**

# **UNIQUE UGP 3 - EXPLODED DIAGRAM**



# **UNIQUE UGP 3 - Parts List**

No.	Item	Code
1	Cabinet	N/A
2	Front panel bracket	UGP-DL10001639
3	Bottom hinge	UGP-DL04001271
4	Washer	UGP-DL03001603
5	Crisper	UGP-DL08502049
7	Fridge door - White	UGP-DLXCD-100AW
	Fridge door - Black	UGP-DLXCD-100AB
11	Bottom shelf	UGP-DL10001732
12	Battery box	UGP-DL08502152
12	Battery box holder - White	UGP-DL10001624
13	Battery box holder - Black	UGP-DL10001689
14	Battery	N/A
15	Top shelf	UGP-DL10001730
16	Middle Shelf	UGP-DL10001731
17	Balcony	UGP-DL08502007
18	Balcony spacer	UGP-DL08502163
19	Screw	UGP-DL00002021
20	Door handle	UGP-DL10001723
21	Ice cube Tray	N/A
22	Egg tray	N/A
	Freezer door hinge assy.	UGP-DL08502330
	Spring	N/A
24	Top hinge	N/A
24	Bottom hinge	N/A
	Axle	N/A
	Screws	N/A
	Freezer Door Assy.	UGP-DL08502329
	Freezer door shell	N/A
	Freezer door liner	N/A
25	Freezer door foam block	N/A
	Freezer door reinforcing plate	N/A
	Freezer door gasket	N/A
	Screws	N/A
26	Flame indicator holder	UGP-DL08502215
27	Flame indicator	UGP-DL10001527
20	Control panel - White	UGP-DL10001669
28	Control panel - Black	UGP-DL10001754

No.	Item	Code
29	Thermostat knob	UGP-DL08502351
30	Ring for knob	UGP-DL08502342
31	Safety valve button	UGP-DL08502319
32	Spring	UGP-DL08502346
33	Safety valve connector – Gas Valve	UGP-DL08502034
34	Ignitor button	UGP-DL08502320
35	Safety valve connector - Ignition	UGP-DL08502034
36	Power Selector knob	UGP-DL08502352
37	Axle	UGP-DL10001727
38	Left top hinge	UGP-DL10001704
39	Right top hinge	UGP-DL10001705
40	Holder	UGP-DL10001706
41	Power cord holder	UGP-DL28801267
42	Gas inlet clip	UGP-DL08502202
43	Top cover - White	UGP-DL10001646
43	Top Cover - Black	UGP-DL10001684
44	Saddle clamp	UGP-DL00009450
45	Top Back Grill	UGP-DL10001722
46	Pipe for gas inlet nipple	UGP-DL10001656
47	Nut for gas inlet nipple	UGP-DL00003136
48	Inlet nipple	UGP-DL10001506
49	Inlet nipple holder	UGP-DL10001747
50	Gas inlet connector for thermostat	UGP-DL10001114
51	Thermostat – with "A" bypass orifice	UGP-DL10001430
52	Gas inlet connector for safety valve	UGP-DL10001658
53	Gas outlet connector for safety valve	UGP-DL10001406
54	Thermocouple	UGP-DL08502311
55	Gas pipe for burner	UGP-DL10001655
56	Injector	UGP-DL10001712
57	Nut for Injector	UGP-DL10001474
58	Burner assembly	UGP-DL10001496
59	Burner cover assy	UGP-DL22502506
60	Electrode	UGP-DL08502222
61	Thermocouple connector	UGP-DL22001180
62	Battery ignitor	UGP-DL08502310
63	Safety valve	UGP-DL18501005
64	Baffle Assembly	UGP-DL10001760
	Baffle holder	UGP-DL10001035
	Baffle	UGP-DL10001139

No.	Item	Code
65	Insulation cover	UGP-DL10001273
67	Insulation cap	UGP-DL22501422
66	Heat sink	UGP-DL08502324
68	Heater	UGP-DL10001743
69	DC12V Heater	UGP-DL10001692
70	Connection wire – not shown	UGP-DL10001650
71	Connection wire	UGP-DL10001745
72	Power Cord	UGP-DL10001759
73	Cooling unit	N/A
74	Drainage box	UGP-DL08502269
75	Bottle rack wire	UGP-DL10001662
76	Drainage hose	UGP-DL00010078
77	Drainage hose	UGP-DL22501090
78	Drainage box	UGP-DL10001005
79	Thermostat probe holder	UGP-DL08502164
80	Terminal block holder	UGP-DL10001746
81	Terminal block	UGP-DL00013792
83	Foot	UGP-DL04006036
84	Push button switch	UGP-DL08502095
85	Rotary Switch	UGP-DL10001213
86	Check point plug	UGP-DL22501206
87	Washer	UGP-DL00009306
88	Check point connector	UGP-DL10001501
89	Check point body	UGP-DL10001498
90	Connection wire	UGP-DL10001693
91	Heat shield	UGP-DL10001749
92	Heat shield cover	UGP-DL10001750
93	Connecting wire for thermocouple	UGP-DL08502068

# Warranty

# UNIQUE UGP-3 PROPANE REFRIGERATOR - 3 YEAR LIMITED WARRANTY

**Unique Gas Products Ltd.** warrants that this UNIQUE UGP 3 refrigerator is free from defects in material and workmanship under normal usage and service under the following terms:

- 1. This Warranty is made only to the first purchaser ("original purchaser") who acquires this refrigerator for his/her own use and will be honored by *Unique Gas Products Ltd.* and by the Seller.
- 2. Any part of this refrigerator returned to the Seller or *Unique Gas Products Ltd.*, which upon examination is determined by them to have been defective in material or workmanship, will at their option be either repaired or replaced under this warranty, without charge for materials/parts. (customer is responsible for labour)
- 3. The obligation to repair or replace defective parts will apply only to parts returned within one year of the date of purchase and will constitute the Sellers sole obligation under this Warranty.

The Seller will have no obligation under this warranty with respect to conditions unrelated to the material or workmanship of this refrigerator. Such unrelated conditions include without limitation:

- a) faulty installation (or venting) and damage resulting therefrom; not installed by Seller
- b) the need for normal maintenance of this refrigerator (including the cleaning of the Burner, Venturi, Orifice, Flue tubes and assurance of proper propane gas pressure);
- c) any accidents to or misuse of any part of this refrigerator and any alteration thereof by anyone other than the Seller or its authorized representative.

This UNIQUE UGP 3 refrigerator *must* be serviced regularly as outlined in the Owner's Manual. *Unique Gas Products Ltd.* and the seller will not be liable for direct or indirect loss of foods caused by failure in operation. In case of failure, the owner must provide proof of purchase, Model, and Serial Number to the Seller or *Unique Gas Products Ltd.* 

\*Due to remote locations, it is the customer's responsibility to bring items to dealer for review.

2245 Wyecroft Road Oakville, Ontario, Canada, L6L 5L7

Toll Free: 1-877-427-2266

Ph: 905-827-6154 <u>www.UniqueOffGrid.com</u> Fax: 905-827-2027

# **APPLIANCE INFORMATION**

### APPLIANCE INFORMATION

(manual copy - keep with your records)

To make care and servicing of your appliance easy and efficient, please record the following information for

future reference:

Model:

Serial Number:

Purchased From:

Date Purchased:

# **PRODUCT REGISTRATION**



Scan the QR Code

or

Visit our website at https://uniqueappliances.com/product-registration/ to register your product.

# **CONTACT US**

For questions related to the operation, safety or the purchase of your appliances, please contact your dealer for more information. For general information, contact our customer service department:



**Email** info@UniqueAppliances.com



**Toll-free** 1-877-427-2266 or 1-905-827-6154 (available during regular business hours, 8:30 am to 4:30 pm, EST.



**Website** www.uniqueappliances.com



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