Valente™

16 CU. FT. 12V DC FRENCH DOOR REFRIGERATOR

Troubleshooting and Service Manual





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Introduction

This document provides an overview on replaceable parts for the Valente™ 16 cu. ft. 12V DC French Door Refrigerator as well as basic troubleshooting and service information.

Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

For more detailed operation, including general safety instructions, warnings and cautions, see instruction manual at:
https://support.lci1.com/documents/ccd-0011181

Or scan the QR Code:

CCD-0011181

MODEL	LIPPERT PN
VCRP16CDMFB1-BG	2025071064
VCRP16CDMFB1-SG	2026063041

Rev. Date: 10-14-26
CCD-0011710

Safety

Read and understand all instructions before installing or operating this product. Follow all safety labels at all times. This manual provides general instructions only. Actual conditions may vary depending on factors such as installation difficulty, operating conditions, and the skill level of the person performing the work. As a result, this manual cannot cover every possible circumstance. These instructions are intended to guide safe and effective use of the device, product, or system. Failure to follow these instructions properly may result in death, serious personal injury, or significant product or property damage.



⚠ DANGER

The "DANGER" symbol above is a sign that a procedure has a safety risk involved and will cause death if not performed safely and within the parameters set forth in this manual.



⚠ WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.



⚠ WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product or property damage, including voiding of the component warranty.



⚠ CAUTION

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.



⚠ CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

Danger

- Δ RISK OF ELECTRIC SHOCK - Always disconnect the refrigerator from the power supply before cleaning, servicing or performing any maintenance.
- Δ Do not operate the refrigerator with damaged electrical components.
- Δ RISK OF FIRE OR EXPLOSION - Flammable refrigerant used. Follow all handing instructions carefully.
- Δ Do NOT puncture refrigerant tubing.
- Δ Dispose of refrigerant and refrigerator in accordance with federal or local regulation.
- Δ Repairs must be carried out by a qualified installer, service agency, manufacturer or dealer.

Δ Inspect the appliance for damage to the refrigerant circuit before servicing.

Warning

Δ Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product or property damage, including voiding of the component warranty.

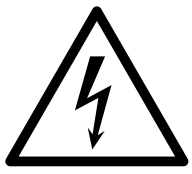
Caution

Δ Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.
Δ Do not use metal objects, steam cleaners, ethereal oils, organic solvents (e.g., benzene), abrasive cleansers, bleach, or car detergent. These can damage surfaces or cause a fire.
Δ Do not use sharp objects to remove frost. Use a plastic scraper if necessary.
Δ Do not spray water directly onto the appliance. Spray water onto a cleaning cloth instead.

Safety Precautions

1. This appliance is intended for use in households and similar applications.
2. Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
3. If the supply cord is damaged, it must be replaced by a qualified installer, service agency, manufacturer or dealer.
4. Keep ventilation openings, either in the appliance enclosure or in the built-in structure, clear of obstruction.
5. Do not use mechanical devices or other means to accelerate the defrosting process, unless recommended by the manufacturer.
6. Do not damage the refrigerant circuit.
7. Do not use electrical appliances inside the food storage compartments of the appliance, unless recommended by the manufacturer.
8. The refrigerant and insulation blowing gas are flammable. When disposing of the appliance, do so only at an authorized waste disposal center. Do not expose to flame.
9. When positioning the appliance, ensure the supply cord is not trapped or damaged.
10. Do not position multiple portable socket-outlets or portable power supplies at the rear of the appliance.
11. To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
12. Do not use mechanical devices to defrost refrigerator.

Electric Shock Hazard



⚠ DANGER

RISK OF ELECTRIC SHOCK
Always disconnect the refrigerator from the power supply before cleaning, servicing or performing any maintenance. Do not operate the refrigerator with damaged electrical components.

Refrigerant



⚠ DANGER

RISK OF FIRE OR EXPLOSION
Flammable refrigerant used. Follow all handing instructions carefully. Do NOT puncture refrigerant tubing. Dispose of refrigerant and refrigerator in accordance with federal or local regulation. Repairs must be carried out by a qualified installer, service agency, manufacturer or dealer. Inspect the appliance for damage to the refrigerant circuit before servicing.

If the refrigerant circuit is damaged:

1. Avoid open flames or any sources of ignition.
2. Thoroughly ventilate the room where the appliance is located.
3. Do not plug in or unplug the refrigerator.

Proper Disposal of the Refrigerator

Before throwing away the appliance:

1. Remove the electrical connection wiring.
2. Remove all doors.
3. Leave shelves in place so children may not easily climb inside.
4. Never allow children to play with, operate or crawl inside the refrigerator - DANGER OF SUFFOCATION!
5. Follow all local regulations regarding disposal of the refrigerator due to flammable refrigerant and gas. All refrigeration products containing refrigerations, under the guidelines of federal law, must be removed before disposal. It is the consumer's responsibility to comply with federal and local regulations when disposing of this product.

Safety Instructions

Copy/paste any other warnings/cautions relevant to service here.

Power Source Requirements

- This appliance is a Class III appliance. It must be supplied by a SEPARATED EXTRA-LOW VOLTAGE nominal 12V power source that is listed to UL 458 and/or C22.2 No. 107.1 standards.
- The circuit must be protected with a fuse or breaker of independent 30A circuit between the appliance and the main power supply.
- The DC unit does not come with a power source. Please purchase one from an authorized dealer.
- For maximum battery performance, ensure the voltage drop between each power source (battery and converter) and the refrigerator does not exceed 0.4V DC.

Wire Sizing Guide

Select the wire gauge (AWG) based on the distance from the power source to the appliance.

DISTANCE	MINIMUM WIRE GUAGE (AWG)
10 ft (3 m) or less	10 AWG
10 ft - 15 ft (3.0 m - 4.6 m)	8 AWG
15ft - 30 ft (4.6 m - 9.1 m)	6 AWG

NOTE: These are starting guidelines. Adjust based on actual voltage drop measurement. If voltage drop exceeds 0.4V DC, shorten wire length or increase wire gauge.

Wire Connection Diagram

1. Route the DC supply cable through the strain relief bracket mounted on the rear of the refrigerator **(Fig. 1)**.

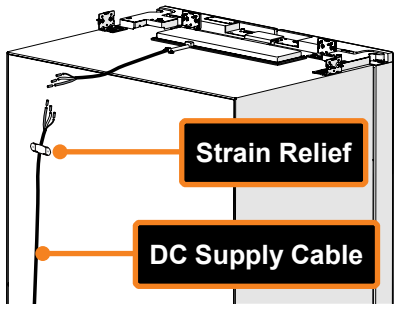


Fig.2

2. Tighten the strain relief screws to clamp the cable securely in place, ensuring the cable is firmly retained and cannot be pulled loose by accidental tugging or vibration during vehicle operation.
3. Connect the positive (+) lead to the refrigerator's positive terminal/pigtail **(Fig. 2)**.
4. Connect the negative (-) (white) lead to the refrigerator's negative terminal/pigtail **(Fig. 2)**.
5. Connect the ground (green) lead to the refrigerator's ground terminal (if equipped) **(Fig. 2)**.

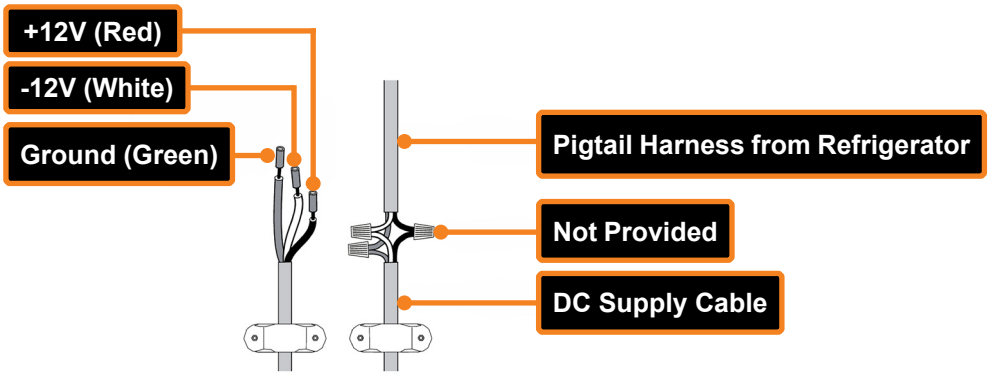
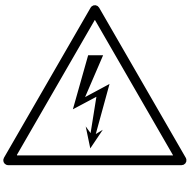


Fig.1

6. Secure all connections with appropriate terminals (crimp or screw-type). Ensure no bare wire is exposed.
7. Turn ON the DC power source or close the circuit breaker.
8. Verify the control panel illuminates.

Cleaning and Maintenance



⚠ DANGER

RISK OF ELECTRIC SHOCK
Always disconnect the refrigerator from the power supply before cleaning, servicing or performing any maintenance. Failure to do so may result in serious injury or death.



⚠ CAUTION

Do not use metal objects, steam cleaners, ethereal oils, organic solvents (e.g., benzene), abrasive cleaners, bleach or car detergent. These can damage surfaces or cause a fire.
Do not use sharp objects to remove frost. Use a plastic scraper if necessary.
Do not spray water directly onto the appliance. Spray water onto a cleaning cloth instead.

Exterior Cleaning

To maintain the appearance of your refrigerator, clean the exterior regularly.

Frequency: As needed, or at least once per month.

1. Disconnect power from the appliance.
2. Use a clean, soft cloth slightly dampened with a mild detergent solution (e.g., dish soap and warm water).
3. Wipe the digital display panel and exterior surfaces gently.
4. Wipe dry with another soft, clean cloth to prevent water spots and rust.
5. Reconnect power.

Interior Cleaning

Clean the interior of the refrigerator periodically to prevent odors and bacterial growth.

Frequency: Every 3–6 months, or whenever a spill occurs.

NOTE: Never use a steam cleaner inside the refrigerator. Moisture can accumulate in electrical components and cause a hazard.

1. Disconnect power from the appliance.
2. Remove all food, shelves, drawers, and door bins. Store perishable food in a cooler.
3. Prepare a mild cleaning solution of 1 tablespoon of baking soda dissolved in 1 quart (1 liter) of warm water.
4. Use a wrung-out sponge or cloth to wipe all interior surfaces (walls, floor, ceiling).
5. Rinse with a clean, damp cloth to remove residue.
6. Dry thoroughly with a towel. Do not leave any moisture inside.
7. Wash removable parts (shelves, drawers, door bins) in the sink with mild detergent. Rinse and dry completely before reinstalling.
8. Reconnect power and allow the unit to cool for 1 hour before returning food.

Defrosting

This refrigerator is equipped with an automatic defrost system. Under normal conditions, you will never need to manually defrost the freezer.

If excessive frost builds up (more than ¼" / 6 mm):

1. This usually indicates the freezer door was left open or the door seal is damaged.
2. To manually defrost: Disconnect power, remove all food, and leave the doors open.
3. Ventilate the area to accelerate thawing.
4. Once completely thawed, dry the interior and restore power.
5. If the problem recurs, inspect the door seals. See Door Seal (Gasket) Cleaning section.

Door Seal (Gasket) Cleaning

Dirty or sticky door seals can cause cold air leaks, leading to frost buildup and increased energy consumption.

Frequency: Every 3 months, or more often if sticky spills occur.

1. Disconnect power.
2. Mix a mild detergent with warm water.
3. Use a soft cloth to wipe the entire seal surface on both the door and the cabinet.
4. Pay special attention to corners and crevices where debris collects.
5. Rinse with a clean damp cloth.
6. Dry the seal completely with a towel.
7. Reconnect power.

Condenser and Ventilation Cleaning

For optimal performance in an RV environment, ensure proper airflow around the appliance.

Frequency: Every 6 months, or more often in dusty conditions.

1. Disconnect power.
2. If accessible, use a soft brush or vacuum with a crevice tool to gently remove dust from the condenser coils (located at the rear or bottom of the unit).
3. Check that ventilation openings in the RV cabinet (if built-in) are unobstructed.
4. Restore power.

Seasonal Storage and Winterization

The refrigerator features built-in winterization brackets on the doors and freezer drawer. When activated, these brackets hold the doors and drawer slightly open, allowing air circulation during storage.

When the RV is not in use for extended periods (e.g., winter storage), follow these steps to prevent mold, mildew, and odors.

Short or Long-Term Storage

1. Remove all food from the refrigerator and freezer.
2. Clean the interior thoroughly, see Interior Cleaning section on page 14.
3. Dry all surfaces completely.

4. **For the refrigerator doors:** Open the doors and locate the winterization bracket on the right door. Flip the bracket to the OPEN position **(Fig. 3)**.

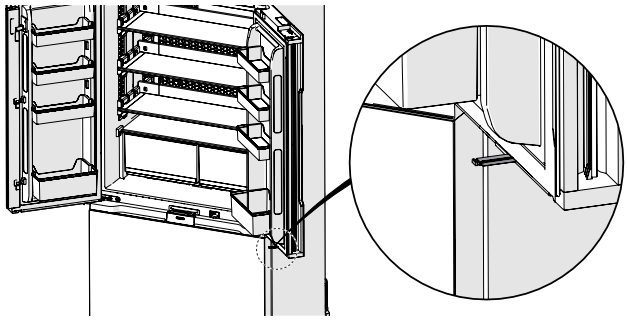


Fig.3

5. **For the freezer drawer:** Open the drawer and locate the winterization bracket on the drawer. Flip the bracket to the OPEN position **(Fig. 4)**.

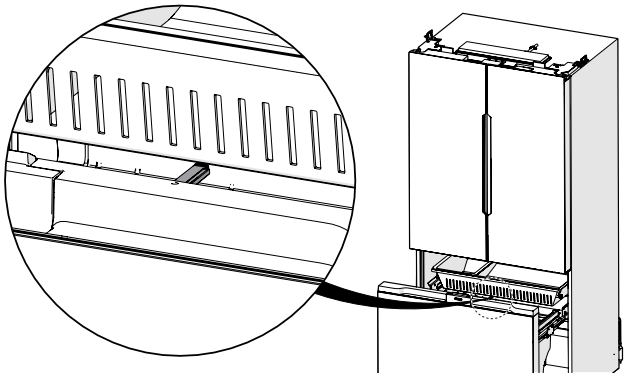


Fig.4

6. Close the refrigerator door and freezer drawer. The door and drawer will now remain slightly ajar.
7. For short-term storage (less than 30 days), leave power connected (if possible) or set the unit to the highest temperature setting to reduce the power consumption.
8. For long-term storage/winterization (more than 30 days), disconnect the DC power supply.

Returning from Storage

1. For the refrigerator doors: Locate the winterization bracket and flip it to the CLOSED position.
2. For the freezer drawer: Locate the winterization bracket and flip it to the CLOSED position.
3. Close the doors and drawer completely.
4. Reconnect DC power.
5. Allow the unit to run for 4 hours before restocking food.

Compressor Manufacturer Identification

The serial number on the compressor is in CODE128 format, and will indicate which manufacturer's product is installed in the unit. The fifth to last number will indicate which manufacturer made the compressor **(Fig. 5)**.

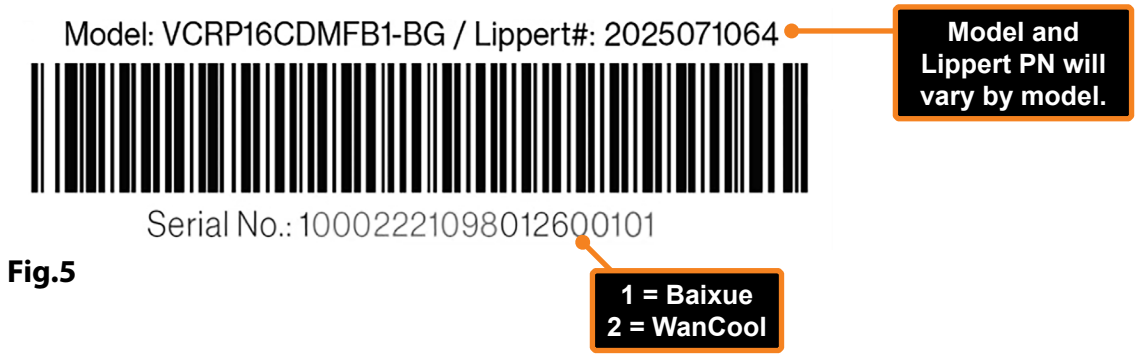
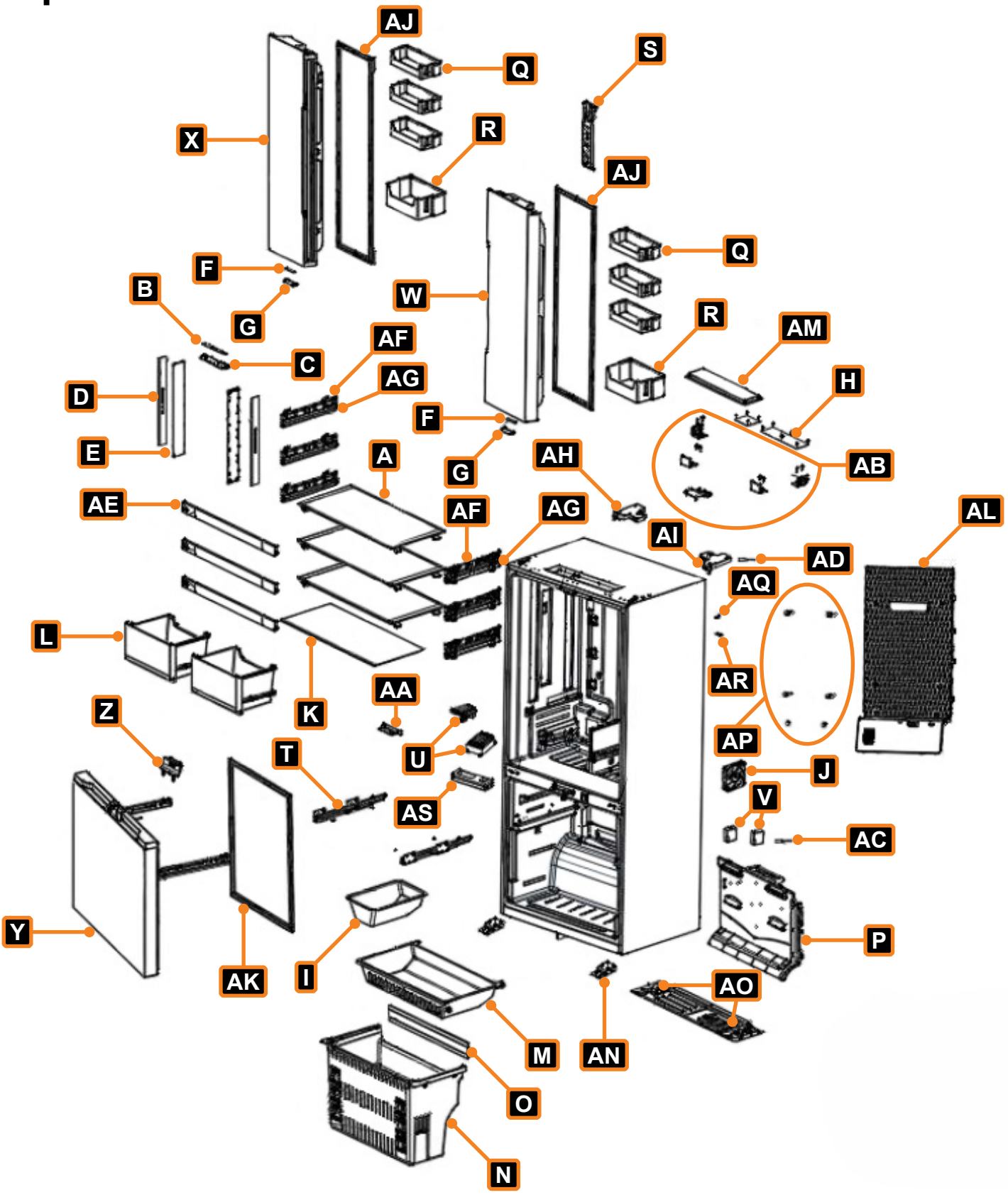


Fig.5

Replaceable Parts List



CALLOUT	PART #	DESCRIPTION	MODEL
A	2026085887	Upper Glass Shelf Assembly, Cut, Glass & Molded, Plastic And Extruded, Plastic)	ALL

CALLOUT	PART #	DESCRIPTION	MODEL
B	2026085888	Top LED PCBA Module, 12V DC, 3W, Molded, Plastic	ALL
C	2026085889	Top LED Cover, Molded Plastic	ALL
D	2026085890	Side LED PCBA Module, PCB, 12V DC, 7W, Molded, Plastic	ALL
E	2026085891	Side LED Cover, Molded, Plastic	ALL
F	2026085892	Door Bottom LED PCBA, 12V DC, 2W	ALL
G	2026085893	Door Bottom LED Cover, Molded, Plastic	ALL
H	2026085894	Main Control PCBA (Wancool), 12V DC	ALL
	2026085895	Main Control PCBA (Baixue), 12V DC	
I	2026085896	Ice Cube Storage Tray, Molded, Plastic	ALL
J	2026085897	Compressor Fan, 12V DC, 120mm, Brushless	ALL
K	2026085898	Crisper Shelf Assembly, Cut, Glass & Extruded, Plastic	ALL
L	2026085899	Crisper Drawer, Molded, Plastic	ALL
M	2026085900	Freezer Upper Tray Assembly, Molded, Plastic	ALL
N	2026085901	Freezer Main Drawer Assembly, Molded, Plastic and Molded, Silicon Rubber	ALL
O	2026085902	Pizza Box Partition Bar, Extruded, Plastic	ALL
P	2026085903	Freezer Air Duct Assembly, Molded, Plastic	ALL
Q	2026085904	Small Door Bin, Molded, Plastic	ALL
R	2026085905	Large Door Bin, Molded, Plastic	ALL
S	2026085906	Display Panel and Key PCBA Assembly, 12V DC	ALL
T	2026085907	Freezer Drawer Guide Rail Kit, Formed, Sheet Metal Steel	ALL
U	2026085908	Compressor Control PCBA 12V DC (Baixue)	ALL
	2026085909	Compressor Control PCBA 12V DC (Wancool)	
V	2026085910	Compressor Terminal Cover Assembly (Baixue), Formed, Sheet Metal Steel, Cut, Rubber	ALL
	2026085911	Compressor Terminal Cover Assembly (Wancool), Formed, Sheet Metal Steel, Cut, Rubber	
W	2026085912	Right French Door Assembly, Black, Molded, Plastic and Cut, Glass and Extruded, Silicon Rubber and Extruded, Aluminum	VCRP16CDMFB1-BG
	2026085913	Right French Door Assembly, Stainless Steel, Molded, Plastic and Cut, Glass and Extruded, Silicon Rubber and Extruded, Aluminum	VCRP16CDMFB1-SG
X	2026085916	Left French Door Assembly, Black, Molded, Plastic and Cut, Glass and Extruded, Silicon Rubber and Extruded, Aluminum	VCRP16CDMFB1-BG
	2026085917	Left French Door Assembly, Stainless Steel, Molded, Plastic and Cut, Glass and Extruded, Silicon Rubber and Extruded, Aluminum	VCRP16CDMFB1-SG
Y	2026085918	Freezer Drawer Door Assembly, Black, Molded, Plastic and Cut, Glass and Extruded, Silicon Rubber	VCRP16CDMFB1-BG
	2026085919	Freezer Drawer Door Assembly, Stainless Steel, Molded, Plastic and Cut, Glass and Extruded, Silicon Rubber	VCRP16CDMFB1-SG

CALLOUT	PART #	DESCRIPTION	MODEL
Z	2026085920	Drawer Latch Assembly, Molded, Plastic and Coiling Wire, Steel	ALL
AA	2026085921	Drawer Door Lock Bracket, Formed, Sheet Metal Steel	ALL
AB	2026085922	Top Mounting Bracket Kit, Formed, Sheet Metal Steel and Molded, Plastic	ALL
AC	2026085923	Defrost Sensor, 2K NTC, 5V DC	ALL
AD	2026085924	Ambient Temperature Sensor, 2K NTC, 5V DC	ALL
AE	2026085925	Storage Guard Bar Assembly, Molded, Plastic and Extruded, Plastic	ALL
AF	2026085926	Storage Guard Bar Support (Left + Right) Kit, Molded, Plastic	ALL
AG	2026085927	Glass Shelf Support (Left + Right) Kit, Molded, Plastic and Formed, Sheet Metal Steel	ALL
AH	2026085928	Left Hinge Kit, Molded, Plastic and Formed, Sheet Metal Steel	ALL
AI	2026085929	Right Hinge Kit, Molded, Plastic and Formed, Sheet Metal Steel	ALL
AJ	2026085930	French Door Gasket, Extruded, Rubber and Extruded Flexible Magnetic Strip (Inside)	ALL
AK	2026085931	Freezer Door Gasket, Extruded, Rubber, Extruded and Flexible Magnetic Strip (Inside)	ALL
AL	2026085932	Refrigerator Air Duct Assembly, Molded, Plastic and Molded, Polyfoam	ALL
AM	2026085933	Main Control PCBA Top Cover, Molded, Plastic	ALL
AN	2026085934	Front Bottom Wheel Assembly, Molded Plastic and Formed Steel	ALL
AO	2026085935	Rear Bottom Wheel Kit, Molded Plastic and Formed Steel	ALL
AP	2026085936	Rear Installation Screw Cap Assembly, Molded, Silicone Rubber and Cut, Sponge	ALL
AQ	2026085937	12V DC Cable Tie, Extruded, Plastic	ALL
AR	2026085938	Cable Strain Relief, Molded, Plastic	ALL
AS	2026085939	Air Flow Motorized Damper Kit, Molded, Plastic, EPS	ALL

Specifications

SPECIFICATIONS	
Total Capacity	16.4 cu. ft. (463 L)
Refrigerator Capacity	11.2 cu. ft. (316 L)
Freezer Capacity	5.2 cu. ft. (147 L)
Product Dimensions - W x H x D	32 13⁄16" x 70 1⁄16" x 25 1⁄2" (834mm x 1779mm x 648mm)
Product Weight - Net	236 lb. (107 kg)
Door Type	French door
Handle Type	Recessed handle
Control Type	LED display with electronic control
Cooling Type	Compression cooling system
Refrigerant	R600a (isobutane - flammable)
Noise Level	≤42 dB

SPECIFICATIONS	
Rated Voltage / Rated Current	12V DC (10.2V ~ 14.6V) / 20A
Power Consumption	566 kWh/year
Standby Power Consumption	≤1.2W
Ambient Temperature Range	50°F to 110°F (10°C to 43°C)
Defrost System	Automatic

Basic Troubleshooting

Hard Reset

Prior to replacing components or performing ANY troubleshooting or service on the 12V refrigerator, a hard reset must be performed. A hard reset includes removing shore power, battery power and solar power.

QR-182: https://support.lci1.com/documents/ccd-0008369

Video link: How to Hard Reset a Valente Refrigerator or scan the QR code.

Before Troubleshooting

Check the following:

1. Is the control panel locked?
   - If the Fridge Display says "**Lo**," press and hold the lock button for 3 seconds to unlock.
2. Has power been interrupted?
   - After a power loss, the compressor will delay restart for 3–5 minutes. This is normal.
3. Is the refrigerator powered on?
   - Please ensure that the unit display is on and cooling.

Before calling for service, review this list. It may save both time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

WHAT IS HAPPENING?	WHY IS IT HAPPENING?	WHAT SHOULD BE DONE?
Middle beam feels hot.	The anti-condensation heater in the center rail warms slightly to prevent moisture.	This is a normal phenomena. No action required.
Dew drops on exterior.	In humid weather or rainy seasons, condensation may form on the outer surface.	Wipe with a dry cloth.
Compressor housing is hot.	During normal operation, the compressor may reach over 176°F (86°C).	Do not touch the compressor. No action required.
Long cool-down time.	When first powered on, or after adding large amounts of warm food, the refrigerator will run longer to reach the set temperature.	No action required.
No display on the control panel	DC power disconnected.	1. Check RV battery. 2. Check fuse within 18" of DC source. 3. Charge RV batteries.
	Blown fuse (25A - 40A)	
	Low battery voltage (<9.5V)	

WHAT IS HAPPENING?	WHY IS IT HAPPENING?	WHAT SHOULD BE DONE?
Alarm sounds continuously.	Door left open >2 minutes.	Close all doors fully.
	Low battery voltage.	Charge batteries (alarm clears at >10.2V).
Compressor does not run.	Unit in defrost cycle.	Normal if display shows no error. Defrost cycles last up to 60 minutes.
	Unit turned off (standby).	Exit Low Power Mode. Long-press ON/OFF to restart.
	High ambient temperature causing extended runtime.	Allow time to cool.
Compressor runs too long.	Recently added large amount of warm food.	Allow several hours for the refrigerator to return to a normal temperature.
	Doors opened frequently.	Limit the amount of times the doors are opened.
	High ambient temperature >90°F (32°C)	This is normal in hot weather.
	Poor ventilation around the unit.	Check the installation manual for appropriate refrigerator cabinet clearances.
Refrigerator not cold enough.	Temperature setting too high.	Adjust to lower set point (e.g., 37°F (3°C)).
	Door not closing fully.	Clean seals (see **Cleaning** section).
	Dirty door seals.	
	Too much food blocking air vents.	Ensure vents are not blocked.
	Refrigerator compartment switched off.	Reactivate refrigerator compartment by long-pressing **FRIDGE -**.
Freezer not cold enough.	Temperature setting too high.	Adjust to lower set point.
	Frost buildup on evaporator.	Manual defrost may be needed (see **Cleaning** section.
Excessive frost in freezer.	Freezer door not sealed.	Clean door seals.
	Door left open.	Ensure door closes fully.
	Damaged door gasket.	Replace gasket if cracked.
Vibrating or rattling noise.	Refrigerator not level.	Ensure floor is solid and level.
	Items on top of unit vibrating.	Remove loose items.
	Unit touching wall or cabinet.	Reposition refrigerator for ½" clearance.

NOTE: If the above descriptions are inapplicable to troubleshooting, do not disassemble and repair the refrigerator. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. This product should be serviced by a qualified installer, service agency, manufacturer or dealer and only genuine spare parts should be used. When the refrigerator is not in use for long periods, disconnect from the power source, empty, clean and keep doors open to prevent unpleasant odors.

Error Codes

The refrigerator stores fault codes when a sensor or component fails.

To retrieve error codes:

1. Ensure the control panel is unlocked.
2. Press and hold FRIDGE - and FREEZER + simultaneously for 3 seconds. The buzzer will sound, confirming entry into error code search mode.
3. **If no faults are present:** The refrigerator display will show "NO" for 3 seconds, then exit search mode and return to normal display.
4. **If faults are present:** The highest priority fault code will appear on the display (see Fault Code Table below for code definitions).

What to do when an error code appears:

1. Record the code (e.g., ER, EF).
2. Attempt to clear the code: Disconnect power for 30 seconds, then reconnect.
3. If the code returns, use the table below to understand the issue. Most sensor failures require service by a qualified technician.

ERROR CODE	FAULT DESCRIPTION	APPLIANCE BEHAVIOR	USER ACTION
ER	Refrigerator sensor fault.	Refrigerator runs on backup timer: cools for 6 minutes, off for 14 minutes. Freezer operates normally.	Service is required. Refrigerator may be too warm. Move food to freezer or another refrigerator.
EF	Freezer sensor fault.	Freezer runs on backup timer: cools for 15 minutes, off for 15 minutes. Refrigerator operates normally.	Service is required. Freezer may be too warm.
EE	Ambient (room) sensor fault	Controller assumes default room temperature of 77°FF (25°C). Cooling performance may be affected.	Service is recommended but not urgent. Unit will still operate.
ED	Defrost sensor fault	Defrost cycle forced every 5 compressor hours, limited to 20 minutes maximum. Frost buildup may occur.	Service is required. You may need to manually defrost occasionally.
EL	Defrost heater fault	Heater will not turn on. Excessive frost will accumulate.	Immediate service is required. Manual defrost may be needed.
CE	Communication fault (display to main board)	Unit runs on last known settings. Buttons may not respond.	Disconnect power for 30 seconds. If code returns, service required.
2E	Evaporate fan fault	Fan runs continuously but speed cannot be verified. Cooling efficiency reduced.	Service is required.
DO (flashing)	Door open >2 minutes (refrigerator or freezer)	Alarm sounds.	Close all doors. Code clears immediately.

NOTE: If multiple faults exist, error codes display in this order: ER > EF > EE > ED > EL > CE > 2E. Press any button to cycle through active codes.

When to Call for Service

Contact a qualified RV appliance service technician if:

- An error code (ER, EF, ED, EL, 2E) persists after power cycling.
- The compressor runs continuously for more than 24 hours without reaching set temperature.
- You suspect a refrigerant leak (hissing sound, oily residue, poor cooling in both compartments).

- The ice maker water line is frozen and cannot be thawed.
- There is visible damage to the power cord or control panel.

NOTE: Service must be performed by a qualified installer, service agency, manufacturer or dealer. Repairs by unqualified persons may cause serious injury or damage. Use only genuine replacement parts. This unit contains specialized LED lighting that can only be replaced by an authorized service agency.

Reset Procedure

To perform a full system reset (clears temporary glitches, not stored settings):

4. Disconnect DC power from the refrigerator.
5. Wait 60 seconds.
6. Reconnect power.
7. The unit will restart with previous temperature settings (fault codes may reappear if hardware failure exists).

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