



Refrigerator

Instruction manual



Model:
DL709-A

Safety Instructions

- Position on a flat, stable surface.
- A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components or service panels on this product.
 - **In Queensland the service agent/qualified technician MUST hold a Gas Work Authorisation or License for hydrocarbon refrigerants if the appliance gas system is being opened or charged.**
- Consult Local and National Standards to comply with the following:
 - Health and Safety at Work Legislation
 - Fire Precautions
 - Wiring Regulations
 - Building Regulations
- DO NOT use jet/pressure washers to clean the appliance.
- DO NOT use the appliance outside.
- DO NOT use this appliance to store medical supplies.
- DO NOT stand or support yourself on the base, drawers or doors.
- DO NOT allow oil or fat to come into contact with the plastic components or door seal. Clean immediately if contact occurs.
- Bottles that contain a high percentage of alcohol must be sealed and placed vertically in the refrigerator.
- Always carry, store and handle the appliance in a vertical position and move by holding the base of the appliance.
- Always switch off and disconnect the power supply to the unit before cleaning.
- Keep all packaging away from children. Dispose of the packaging in accordance with the regulations of local authorities.
- If the power cord is damaged, it must be replaced by a POLAR agent or a recommended qualified technician in order to avoid a hazard.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Polar recommends that this appliance should be periodically tested (at least annually) by a Competent Person. Testing should include, but not be limited to: Visual Inspection, Polarity Test, Earth Continuity (Class I equipment), Insulation Continuity and Functional Test.



Caution: Risk of Fire

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

Warning: Keep all ventilation openings clear of obstruction. Unit should not be boxed in without adequate ventilation.

- **To comply with AS/NZS 60079.10.1:2009: Ensure there are not sources of ignition in any area where refrigerant could gather in the event of a leak.**
- **Electrical equipment should not be placed under the vent or where refrigerant could gather in the event of a leak.**
- **Warning:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- **Warning:** Do not damage the refrigerant circuit.
- **Warning:** Do not use electrical appliances inside the food storage compartments of the appliance.

Product Description

DL709-A - Polar Upright Double Stable Door Gastro Refrigerator

Introduction

Please take a few moments to carefully read through this manual. Correct maintenance and operation of this machine will provide the best possible performance from your POLAR product.

Pack Contents

- POLAR Refrigerator
- Shelves x 6
- Keys x 2
- Instruction manual
- Shelf guides x 12

POLAR prides itself on quality and service, ensuring that at the time of unpacking the contents are supplied fully functional and free of damage.

Should you find any damage as a result of transit, please contact your POLAR dealer immediately.

Installation



Note: Not for use in vans or trailers, food trucks or similar vehicles.

Note: If the unit has not been stored or moved in an upright position, let it stand upright for approximately 12 hours before operation. If in doubt allow to stand.

1. Remove the appliance from the packaging. Make sure that all protective plastic film and coatings are thoroughly removed from all surfaces.
2. To optimize performance and longevity, ensure a minimum clearance of 2.5cm is maintained between the unit and walls and other objects, with a minimum 20cm clearance on the top. **NEVER LOCATE NEXT TO A HEAT SOURCE.**

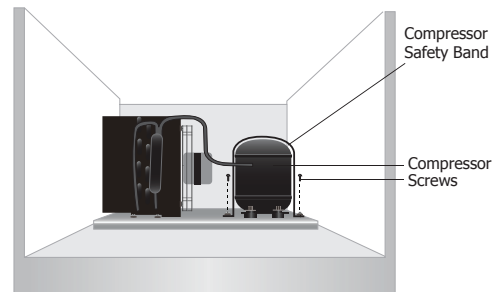


Note: Before using the appliance for the first time, clean the shelves and interior with soapy water then dry well.

3. Set the brakes on the castors to keep the appliance in position
OR
Level the appliance by adjusting the screw feet.

Removing the Compressor Safety Band

- The compressor is located on the top of the appliance, and sits on rubber washers. Under normal operating conditions the compressor is allowed to vibrate.
- To avoid damage through excessive motion during transit, a stainless steel safety band is placed over the compressor and screwed into the top of the appliance.
- This safety band and the two screws fixing it to the appliance must be removed before the appliance is turned on.



Lock/Unlock the Doors

A lock is fitted to the doors to ensure foodstuffs are kept secure within your POLAR appliance.

Use the keys provided to lock/unlock the doors.

Fitting the Shelves

1. Place one set of shelf guides on either side of the cabinet at the desired height.
2. Slide the shelf into place.
3. Repeat for the remaining shelves.

Operation

Storing Food

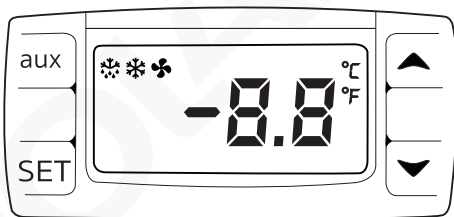
To get the best results from your POLAR appliance, follow these instructions:

- Only store foodstuffs in the appliance when it has reached the correct operating temperature.
- Do not place uncovered items as below inside the appliance, as this can lead to a damaged and leaking evaporator, and thus void your warranty: hot food, hot liquids, acidic fluids, acidic products.
- Wrap or cover food where possible.
- Do not obstruct the fans inside the appliance.
- Avoid opening the doors for prolonged periods of time.

Turn On

1. Close the door(s) of the appliance.
2. Ensure the power switch is set to [O] and turn on at the socket.
3. Switch on the Power [I]. The current temperature within the appliance is displayed.

Control Panel



To See the Setpoint

Push and immediately release the SET key: the display will show the Setpoint value.

Changing the Setpoint

1. Push the **SET** key for more than 2 seconds to change the Setpoint value.
2. The value of the set point will be displayed and the COMPRESSOR LED starts blinking.
3. To change the Set value push ▲ and ▼ buttons within 10 seconds.
4. To store the new Setpoint push the **SET** key or wait 10 seconds.

Manual Defrost

The appliance will automatically run a defrost cycle every six hours.



Note: The cycle starts from the time the appliance is initially powered up.

To manually defrost the appliance:

Press and hold the "aux" button for more than 2 seconds. The defrost cycle will start immediately and the Defrost LED illuminates.



Note: Starting a manual defrost also resets the automatic defrost timer.

The next automatic defrost will start six hours after the manual defrost has finished.

The defrost cycle will end automatically.

Cleaning, Care & Maintenance

Defrost appliance at least every 3 months, more often if required.

Switch off and disconnect from the power supply before cleaning.

- Clean the interior of the appliance as often as possible.
- Do not use abrasive cleaning agents. These can leave harmful residues.
- Clean the door seal with warm soapy water.
- Always wipe dry after cleaning.
- Do not allow water used in cleaning to run through the drain hole into the evaporation pan.
- Take care when cleaning the rear of the appliance. Sharp edges can cut.

Refrigerating tips:

- Condensation and ice will form with frequent and prolonged opening of the doors.
- Operating outside of the recommend temperature range and placing next to a heat source will also increase the amount of ice and internal/external condensation. If external condensation occurs wipe the surface down with a cloth.
- Excessive ice will result in longer running times that will increase energy consumption and increase the deterioration of components.
- If the gasket or seal is damaged or deformed, energy consumption will increase. To restore efficiency, replace gasket.
- Do not obstruct fans and do not exceed max load lines, as doing so will impact air distribution and increase energy usage.

Stainless Steel Care

To maintain the stainless steel exterior of your Polar item, please consider the following information:

Never:

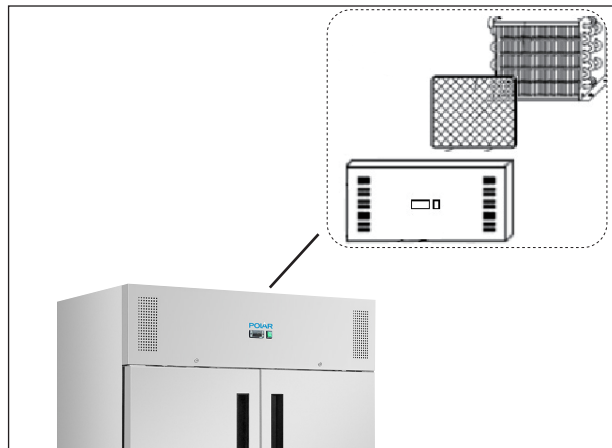
- Use abrasive Scourers or scrubbing pads, etc.
- Use Chlorinated or acidic detergents.
- Allow anything e.g. food, dirt, cleaning chemicals to remain on the surface for longer than necessary, clean them off right away.
- Allow the surface to remain wet.

Do:

- Clean often.
- Use soft Cloths or plastic Scourers.
- Rub with the grain of the metal, rather than across it.
- Use detergents and polish designed for cleaning Stainless Steel.
- Ensure that the cleaning products are washed off fully and that the steel is left dry.

Cleaning the Condenser

- The condenser is part of the refrigeration system. The condenser requires monthly cleaning.
- Always disconnect power supply before carrying out Routine Maintenance.
- Failure to clean the condenser will increase energy consumption, reduce the performance and life of your Polar unit, and thus may invalidate your warranty.
- The condenser is located above the refrigeration cabinet. This model has a removable filter which can be cleaned with a vacuum cleaner.



Troubleshooting

A qualified technician must carry out repairs if required.

Fault	Probable Cause	Solution
The appliance is not working	The unit is not switched on	Check the unit is plugged in correctly and switched on
	Plug or lead is damaged	Replace plug or lead
	Mains power supply fault	Check mains power supply
The appliance turns on, but the temperature is too high/low	Too much ice on the evaporator	Defrost the appliance
	Condenser blocked with dust	Clean condenser with hose attachment of vacuum
	Doors are not shut properly	Check doors are shut and seals are not damaged
	Appliance is located near a heat source or air flow to the condenser is being interrupted	Move the refrigerator to a more suitable location
	Ambient temperature is too high	Increase ventilation or move appliance to a cooler position
	Unsuitable foodstuffs are being stored in the appliance	Remove any excessive hot foodstuffs or blockages to the fan
	Appliance is overloaded	Reduce the amount of food stored in the appliance
The appliance is leaking water	The appliance is not properly levelled	Adjust the screw feet to level the appliance (if applicable)
	The discharge outlet is blocked	Clear the discharge outlet
	Movement of water to the drain is obstructed	Clear the floor of the appliance (if applicable)
	The water container is damaged	Consult a qualified Technician
	The drip tray is overflowing	Empty the drip tray (if applicable)
The appliance is unusually loud	The safety band has not been removed	Remove the safety band
	Loose nut/screw	Check and tighten all nuts and screws
	The appliance has not been installed in a level or stable position	Check installation position and change if necessary

Electrical Wiring

The plug is to be connected to a suitable mains socket.

POLAR appliances are wired as follows:

- Live wire (coloured brown) to terminal marked L
- Neutral wire (coloured blue) to terminal marked N
- Earth wire (coloured green/yellow) to terminal marked E

This appliance must be earthed.



If in doubt consult a qualified electrician.

Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.

Compliance

The product must not be disposed of as household waste. To help prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area.

POLAR parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.

POLAR products have been approved to carry the following symbol:



All rights reserved. No part of these instructions may be produced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of POLAR. Every effort is made to ensure all details are correct at the time of going to press, however, POLAR reserve the right to change specifications without notice.

Information requirements for professional refrigerated storage cabinets

Note: Due to our continuous improvement process, the product specifications are subject to change without notice.

EN	Model(s): [information identifying the model(s) to which the information relates]	DL709-A
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EN	Intended use	Storage	Category - Vertical/counter	Vertical
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EN	Operating temperature(s) - chilled/frozen/multi-use	Chilled: -2°C ~ 8°C
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EN	(where applicable) Heavy-duty/light-duty	Heavy Duty: This appliance is intended for use in ambient temperatures up to 40°C.
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EN	Refrigerant fluid(s): [information to identify the refrigerant fluid(s), including GWP]	R290/ GWP 3
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V / Hz	H x W x D	Kg
220-240V~ 50Hz	2000 x 1340 x 845 mm	195 kg

Note: For optimal product performance and efficiency, please ensure to mind the net usable capacity (load limit) when filling.

		DL709-A-03				
EN	Annual Energy Consumption AEC (kWh)	1604.54				
EN	Energy Efficiency Index EEI	84.7				
EN	Net volume Vn litre (where applicable)	783L				
EN	Chilled volume Vn Ref litre	783L				
EN	Frozen volume Vn Frz litre	N/A				
EN	Refrigerant charge x.xx kg	0.110kg				
EN	Power / Current	400W/ 3.0A				

DECLARATION OF CONFORMITY

- Conformanceverklaring • Déclaration de conformité • Konformitätserklärung • Dichiarazione di conformità •
- Declaración de conformidad • Declaração de conformidade

Equipment Type • Uitrustingstype • Type d'équipement • Gerätetyp • Tipo di apparecchiatura • Tipo de equipo • Tipo de equipamento	Model • Modèle • Modell • Modello • Modelo • Malli
Gastro Refrigerator Double Door Upright Stable Door- 1200L Ventilated	DL709-A
Application of Territory Legislation & Council Directives(s) Toepassing van Europese Richtlijn(en) • Application de la/des directive(s) du Conseil • Anwendbare EU-Richtlinie(n) • Applicazione delle Direttive • Aplicación de la(s) directiva(s) del consejo • Aplicação de directiva(s) do Conselho	Electrical Safety IEC 60335-1:2010 +A1:2013 +A2:2016 IEC 60335-2-89:2010 +A1:2012 +A2:2015 Electro-Magnetic Compatibility (EMC) EN IEC 55014-1:2021 EN IEC 55014-2: 2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2: 2021
Manufacturer Name • Naam fabrikant • Nom du producteur • Name des Herstellers • Nome del produttore • Nombre del fabricante • Nome do fabricante	Polar

I, the undersigned, hereby declare that the equipment specified above conforms to the above Territory Legislation, Directive(s) and Standard(s).

Ik, de ondergetekende, verklaar hierbij dat de hierboven gespecificeerde uitrusting goedgekeurd is volgens de bovenstaande Richtlijn(en) en Standaard(en).

Je soussigné, confirme la conformité de l'équipement cité dans la présente à la / aux Directive(s) et Norme(s) ci-dessus

Ich, der/die Unterzeichnende, erkläre hiermit, dass das oben angegebene Gerät der/den oben angeführten Richtlinie(n) und Norm(en) entspricht.

Il sottoscritto dichiara che l'apparecchiatura di sopra specificata è conforme alle Direttive e agli Standard sopra riportati.

El abajo firmante declara por la presente que el equipo arriba especificado está en conformidad con la(s) directiva(s) y estándar(es) arriba mencionadas.

Eu, o abaixo-assinado, declaro que o equipamento anteriormente especificado está em conformidade com a(s) anterior(es) Directiva(s) e Norma(s)

Date • Data • Date • Datum •

Data • Fecha • Data

Signature • Handtekening •

Signature • Unterschrift Firma •

Firma • Assinatura

Full Name • Volledige naam • Nom

et prénom • Vollständiger Name •

Nome completo • Nombre completo

• Nome por extenso

Position • Functie • Fonction

• Position • Qualifica • Posición

• Função

Manufacturer Address • Adres

fabrikant • Adresse du producteur

• Anschrift des Herstellers •

Indirizzo del produttore • Dirección

del fabricante • Morada do

fabricante

10th Apr 2024

DocuSigned by:

Ashley Hooper
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Ashley Hooper

Group Head of Product Quality & Compliance

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Brendan Denmeade

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<http://www.polar-refrigerator.com/> 

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