Display Chiller

Instruction manual



DP289-A



G619-A

Model:

CB507-A/CB509-A/G619-A/G211-A/DP288-A/DP289-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.
- 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 allow oil or fat to come into contact with the plastic components or door seal. Clean immediately if contact occurs.
- DO NOT store products on top of the appliance.
- 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.

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- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Polar recommend 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, Insulation Continuity and Functional Testing.

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.

- **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

- G619-A - 68 litre White Display Chiller
- CB507-A - 86 litre Double Door Display Chiller White
- CB509-A - 235 litre Display Chiller White
- G211-A - 68 litre Black Display Chiller
- DP288-A - 86 litre Double Door Display Chiller Black
- DP289-A - 235 litre Display Chiller Black

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.

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Pack Contents

The following is included:

- POLAR Display Chiller
- Instruction Manual
- Shelves
  G619-A/G211-A/CB507-A/DP288-A x 3
  CB509-A/DP289-A x 4

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.

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**.

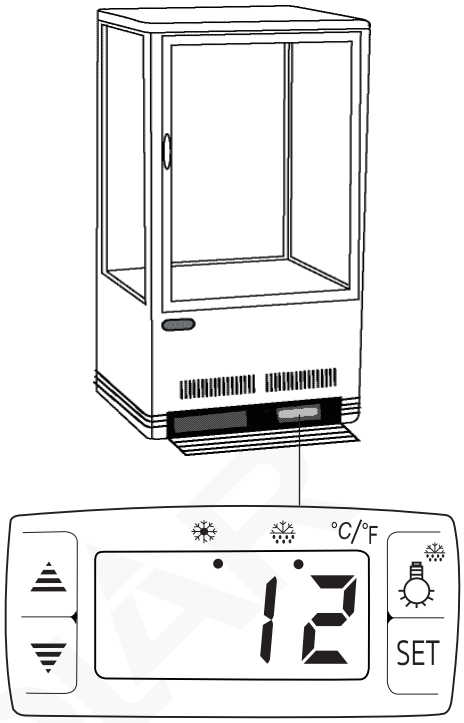
Note: Before using the appliance for the first time, clean the shelves and interior with soapy water then dry well.

Fitting the Shelves

1. Place the shelf guides on either side of the cabinet at the desired height.
2. Lower the shelf into place, slotting the rear of the shelf into the corresponding holes. Ensure the shelves are level.
3. Repeat for the remaining shelves.

Operation

Turn On (G619-A/G211-A/ CB507-A/DP288-A)



1. Close the doors of the appliance.
2. Connect the appliance to a mains power supply.
3. Press the button to turn the light On or Off as required.

Set the Operating Temperature

1. Press the **SET** button. The display will flash.
2. Press the or button to display the required temperature.
3. Press the **SET** button to store the temperature.

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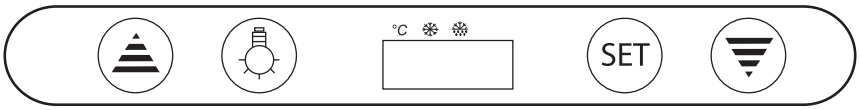
Turn On (CB509-A/DP289-A)

The control panel for the CB509/DP289 is located on the front of the appliance.



1. Close the door of the appliance.
2. Connect the appliance to a mains power supply.
3. Turn the light On or Off by pressing the button.

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 hot food or liquids (like acidic fluids) inside the appliance (as it can damage the evaporator).
- Wrap or cover food where possible.
- Do not obstruct the fans inside the appliance.
- Avoid opening the doors for prolonged periods of time.

Cleaning, Care & Maintenance

- 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 water only.
- 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.

Condensation will form in refrigeration with frequent opening of the doors and on hot humid days, please ensure condensation is allowed to drain properly or is wiped dry.

Cleaning the Condenser

- Periodically cleaning the condenser can extend the life of the appliance.
- POLAR recommend that a POLAR agent or qualified technician clean the condenser.

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 the condenser
	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

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Fault	Probable Cause	Solution
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	Replace the water container
The appliance is unusually loud	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
Error code EE4	• Restricted Airflow • Blocked Condenser	• Increase airflow • Clean the condenser

Technical Specifications

Model	Voltage	Power	Current	Temperature Range	Capacity (Litres)	Refrigerant	Dimensions H x W x D mm	Weight (Kg)
G619-A G211-A	220-240V~ 50Hz	180W	1.2A	2°C to 12°C	68	R600a 40g	885 x 428 x 386	33.2
CB507-A DP288-A		180W	1.2A	2°C to 12°C	86	R600a 40g	980 x 425 x 429	36.5
CB509-A DP289-A		375W	2.3A	2°C to 12°C	235	R290 90g	1690 x 515 x 485	79

Electrical Wiring

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

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DECLARATION OF CONFORMITY

• Conformiteitsverklaring • Déclaration de conformité • Konformitätserklärung • Dichiarazione di conformità • • Declaración de conformidad

Equipment Type • Uitrustingstype • Type d'équipement • Gerätetyp • Tipo di apparecchiatura • Tipo de equipo		**Model** • Modèle • Modell • Modello • Modelo	
Chilled Display refrigerator: White Curved Glass Door - 235Ltr* Black Curved Glass Door - 235Ltr* Black 2 Curved Glass Doors	White 2 Curved Glass Doors Black Cabinet - 68Ltr White Cabinet - 68Ltr	CB509 (-E & -A)* DP289 (-E & -A)* DP288 (-E & -A)	CB507 (-E & -A) G211 (-E & -A) G619 (-E & -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	**Machinery Directive 2006/42/EC** **Supply of Machinery (Safety) Regulations 2008** EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 EN 60335-2-89:2010 +A1:2016 +A2:2017 EN 62233:2008 **Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU - recast of 2004/108/EC** **Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)** EN IEC 61000-6-1:2019 EN 61000-6-3:2007 +A1:2011 (*EN IEC 61000-6-3:2021) **Restriction of Hazardous Substances Directive (RoHS) 2015/863 amending Annex II to Directive 2011/65/EU** **Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012/3032)**	**Electrical Safety** AS/NZS 60335.1:2020 AS/NZS 60335.2.89:2020 EN 62233:2008 **Electromagnetic Compatibility** EN IEC 61000-6-1:2019 EN 61000-6-3:2007 +A1:2011 (*EN IEC 61000-6-3:2021)	
Producer Name • Naam fabrikant • Nom du producteur • Name des Herstellers • Nome del produttore • Nombre del 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.

Date • Data • Date • Datum • Data • Fecha • Data	**24th May 2022**		
Signature • Handtekening • Signature • Unterschrift Firma • Firma	DocuSigned by: Ashley Hooper B39382C9FD9C478...	DocuSigned by: Eoghan Donnellan D352874F7FAB460...	DocuSigned by: Brendan Denmeade D052C5837EB7465...
Full Name • Volledige naam • Nom et prénom • Vollständiger Name • Nome completo • Nombre completo	**Ashley Hooper**	**Eoghan Donnellan**	**Brendan Denmeade**
Position • Functie • Fonction • Position • Qualifica • Posición	**Technical & Quality Manager**	**Commercial Manager/ Importer**	**Commercial Manager/ Responsible Supplier**
Producer Address • Adres fabrikant • Adresse du producteur • Anschrift des Herstellers • Indirizzo del produttore • Dirección del fabricante	**Fourth Way, Avonmouth, Bristol, BS11 8TB United Kingdom**	**Unit 9003, Blarney Business Park, Blarney, Co. Cork Ireland**	**15 Bagdally Road, Campbelltown NSW 2560**

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

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