

POLAR

Display Chiller

Instruction manual



DP289-A



G619-A

Model:

CB507-A/CB509-A/G619-A/G211-A/DP288-A/DP289-A

Safety Tips

- 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 use electrical appliances inside the appliance (e.g. heaters, ice cream makers etc.).
- 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.

- 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 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, 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, unless they are the type recommended by the manufacturer.

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.

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 packaging 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: 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. Maintain a distance of 20cm (7 inches) between the unit and walls or other objects for ventilation. Increase this distance if the obstacle is a heat source.



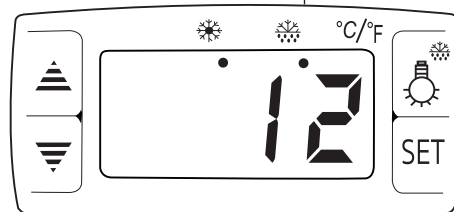
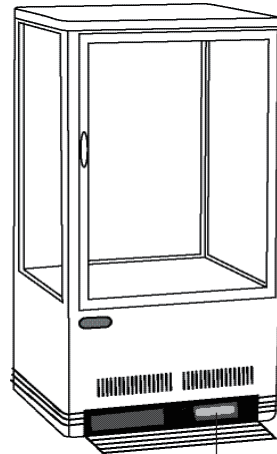
Note: Before using the appliance for the first time, clean the shelves and interior with soapy water.


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)



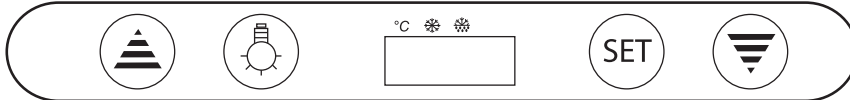
1. Close the doors of the appliance.
2. Connect the appliance to a mains power supply.
3. Press the  button to turn the light On or Off as required.


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.

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 liquid inside the appliance.
- Wrap or cover food where possible.
- Do not obstruct the fans inside the appliance.
- Avoid opening the doors for prolonged periods of time.
- 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.
- A POLAR agent or qualified technician must carry out repairs if required.

Cleaning, Care & Maintenance

- Switch off and disconnect from the power supply before cleaning.

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

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 and lead are damaged	Call POLAR agent or qualified Technician
	Power supply	Check power supply
	Internal wiring fault	Call POLAR agent or qualified Technician
The appliance turns on, but the temperature is too high/low	Too much ice on the evaporator	Defrost the appliance
	Condenser blocked with dust	Call POLAR agent or qualified Technician
	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

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	Call POLAR agent or qualified Technician
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

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	220-240V 50Hz	180W	1.2A	2°C to 12°C	86	R600a 40g	980 x 425 x 429	36.5
CB509-A DP289-A	220-240V 50Hz	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.

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:



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DECLARATION OF CONFORMITY

- Conformiteitsverklaring • 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	
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) CB507 (-E & -A) DP289 (-E & -A) G211 (-E & -A) DP288 (-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 • Aplicação de directiva(s) do Conselho	Low Voltage Directive (LVD) - 2014/35/EU EN 60335-1:2012 +A11:2014 +A13:2017 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 EN 61000-6-3: 2007 +A1:2011 EN IEC 61000-6-1: 2019 Restriction of Hazardous Substances Directive (RoHS) 2015/863 amending Annex II to Directive 2011/65/EU	Electrical Safety IEC 60335-1:2010 +A1:2013 +A13:2017 IEC 60335-2-89:2010 +A1:2012 +A2:2015 Electromagnetic Compatibility EN 61000-6-3: 2007 +A1:2011 EN IEC 61000-6-1: 2019
Producer 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	2nd November 2020		
Signature • Handtekening • Signature • Unterschrift Firma • Firma • Assinatura	DocuSigned by: <i>Ashley Hooper</i> B39382C9FD9C478...	DocuSigned by: <i>Eoghan Donnellan</i> D352874F7FAB460...	DocuSigned by: <i>Josie Holt</i> 3582E210C4054DA...
Full Name • Volledige naam • Nom et prénom • Vollständiger Name • Nome completo • Nombre completo • Nome por extenso	Ashley Hooper	Eoghan Donnellan	Josie Holt
Position • Functie • Fonction • Position • Qualifica • Posición • Função	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 • Morada do fabricante	Fourth Way, Avonmouth, Bristol, BS11 8TB United Kingdom	42 North Point Business Park New Mallow Road Cork Ireland	15 Bagdally Road, Campbelltown NSW 2560





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

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