



Back Bar Chiller

Instruction manual



Model:
CS102-A/CS103-A

Safety Instructions

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.

- 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 immerse in water, or use steam/jet washers to clean the unit.
- DO NOT cover the appliance when it is operating.
- DO NOT store food in the appliance.
- Always carry, store and handle the appliance in a vertical position.
- Never tilt the appliance more than 45° from the vertical.
- Not suitable for outdoor use.
- Keep all packaging away from children. Dispose of the packaging in accordance with the regulations of local authorities.
- 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 the 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 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, unless they are the type recommended by the manufacturer.

Product Description

CS102-A - Back bar display chiller 2 doors

CS103-A - Back bar display chiller 4 doors

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 Back Bar Chiller
- Keys
- Instruction manual
- CS102-A: 4 adjustable shelves
- CS103-A: 8 adjustable shelves

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.

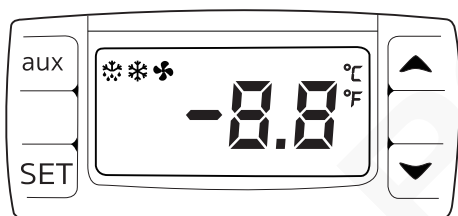
1. Remove the appliance from the packaging and protective film from all surfaces.
2. Avoid positioning the appliance in direct sunlight or damp areas.
3. To optimize performance and longevity, ensure a minimum clearance of 2.5cm is maintained between the unit and walls and other objects, with a minimum 5cm clearance on the top.
NEVER LOCATE NEXT TO A HEAT SOURCE.
4. Insert the slide-out shelf/shelves at the desired levels and place the smaller shelf/shelves on the floor of the appliance.
5. If necessary, adjust the screw feet of the appliance to make it level.



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

Operation

Control Panel



Turn On

1. Close the door of the appliance.
2. Connect the appliance to a mains power supply.
3. Turn the light switches On [I] or Off [O] as desired.



Note: The Cooling Light is illuminated when the appliance is chilling the interior cabinet.

Set the Operating Temperature

1. Press the **SET** button for 3 seconds. The display will flash.
2. Press the ▲ or ▼ buttons to display the required temperature.
3. Press the **SET** button to store the temperature.

Manual Defrost

- POLAR Back Bar Chillers feature an automatic defrost. However, should the appliance require an additional defrost period press and hold the "aux" button for 6 seconds.
- Automatic defrost cycles are every 6 hours and last 20 minutes (factory defaults).
- To stop the Defrost press and hold the "aux" button for 6 seconds.



Note: If a manual defrost is started this resets the automatic defrost timer. During defrost periods the Defrost light is illuminated.

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.
- Always wipe dry after cleaning.



Note: 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.



Note: Use a soft brush or vacuum cleaner to clean the fins of the condenser, taking care not to damage the fins.

Troubleshooting

If your appliance develops a fault, please check the following table before making a call to the Helpline. A POLAR agent or 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	Condenser blocked with dust	Clean Condenser
	Doors/ drawers are not shut properly	Check doors / drawers 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 appliance to a more suitable location
	Ambient temperature is too high	Increase ventilation or move appliance to a cooler position
	Insufficient airflow to the fans	Remove any blockages to the fans
	Appliance is overloaded	Reduce the amount stored in the appliance
	Factory default parameters adjusted	Call POLAR agent or qualified Technician
The appliance is unusually loud	The appliance is touching a neighbouring object	Check installation position and change if necessary
	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)
CS102-A	220-240V~ 50Hz	320W	1.6A	0 - 10°C	250	R600a 90g	870 X 1462 X 513	100
CS103-A	220-240V~ 50Hz	320W	1.6A	0 - 10°C	518	R600a 90g	870 X 2542 X 513	150

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

The appliances 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.

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
U-Series Back Bar Counter - 2 Door U-Series Back Bar Counter - 4 Door	CS102-A CS103-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 EN 55014-1:2017 EN 55014-2:2015 EN IEC 61000-3-2:2019 EN 61000-3-3:2013 +A1:2019
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	10 th January 2022	
Signature • Handtekening • Signature • Unterschrift Firma • Firma • Assinatura	DocuSigned by: <i>Ashley Hooper</i> B39382C9FD9C478...	DocuSigned by: <i>Nerida Pearse</i> 8769F077756845D...
Full Name • Volledige naam • Nom et prénom • Vollständiger Name • Nome completo • Nombre completo • Nome por extenso	Ashley Hooper	Nerida Pearse
Position • Functie • Fonction • Position • Qualifica • Posición • Função	Technical & Quality Manager	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	15 Bagdally Road, Campbelltown NSW 2560





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

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