



# Refrigerated Merchandiser

Instruction manual



**Model:**  
**CD229-A / CD230-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 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.
- Children should be supervised to ensure that they do not play with the appliance.

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

### Product Description

**CD229-A** - POLAR Refrigerated Display Merchandiser 120 litre

**CD230-A** - POLAR Refrigerated Display Merchandiser 160 litre

### Pack Contents

- POLAR Counter-Top Refrigerated Merchandiser
- Shelves x 2
- Instruction manual

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. 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.**



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


## Operation

### Control Panel



The control panel is located below the doors on the rear of the appliance.




### Turn On

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.

### Setting the Operating Temperature

1. Press the **SET** button. 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

Press and hold the  button for 6 seconds to begin automatic defrost. The defrost light illuminates.

## Cleaning, Care & Maintenance

1. **Switch off and disconnect from the power supply before cleaning.**
2. The doors can be removed for ease of cleaning.
3. Clean the interior of the appliance as often as possible.
4. Do not use abrasive cleaning agents. These can leave harmful residues.
5. Clean the door seal with warm soapy water.
6. Always wipe dry after cleaning.

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.

### Replacing the Interior Lamp

Call your POLAR dealer or a qualified electrician, the Lamp Assembly is available to purchase as a spare part.

### 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

If your POLAR appliance develops a fault, please check the following table before making a call to the Helpline or your POLAR dealer. **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 | Too much ice on the condenser   | 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, in the direct sunlight 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 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 appliance is unusually loud                              | Loose screw/nut   | 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   |
| The display lamp does not illuminate                         | Lamp needs replacing  | Replace the lamp  |
|  | Light not turned on   | Ensure Light button has been pressed properly   |
| Door does not shut   | Dirt/obstacle in runners  | Clean runners   |
| Error code EE4   | <ul style="list-style-type: none"> <li>• Restricted Airflow</li> <li>• Blocked Condenser</li> </ul>               | <ul style="list-style-type: none"> <li>• Increase airflow</li> <li>• Clean the condenser</li> </ul> |

## Technical Specifications

| Model   | Voltage           | Power (W) | Current (A) | Temperature Range | Capacity (Ltr) | Refrigerant | Dimensions H x W x D mm | Weight (kg) |
|---------|-------------------|-----------|-------------|-------------------|----------------|-------------|-------------------------|-------------|
| CD229-A | 220-240V~<br>50Hz | 160       | 1.4A        | 2°C to 12°C       | 120            | R600a (50g) | 686 x 696 x 568         | 57          |
| CD230-A |                   | 200       | 1.4A        | 2°C to 12°C       | 160            | R600a (65g) | 686 x 874 x 568         | 66          |

## 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.

# DECLARATION OF CONFORMITY

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

|  |  |  |
|--|--|--|
| <b>Equipment Type</b> • Uitrustingstype • Type d'équipement • Gerätetyp<br>• Tipo di apparecchiatura • Tipo de equipo • Tipo de equipamento  |  | <b>Model</b> • Modèle • Modell • Modello<br>• Modelo • Malli   |
| Countertop Refrigerated Merchandiser (Digital Controller) Black<br>Countertop Refrigerated Merchandiser (Digital Controller) White<br>Refrigerated Display Merchandiser - 120Ltr<br>Refrigerated Display Merchandiser - 160Ltr   |  | CC611 (& -E -A)<br>CC666 (& -E -A)<br>CD229 (& -E -A)<br>CD230 (& -E -A)   |
| <b>Application of Territory Legislation &amp; Council Directives(s)</b><br>Toepassings van Europese<br>Richtlijn(en) • Application de la/des<br>directive(s) du Conseil • Anwendbare<br>EU-Richtlinie(n) • Applicazione delle<br>Direttive<br>• Aplicación de la(s) directiva(s) del<br>consejo • Aplicação de directiva(s) do<br>Conselho | <b>Low Voltage Directive (LVD) - 2014/35/EU</b><br>EN 60335-1:2012 +A11:2014 +A13:2017<br>EN 60335-2-89:2010 +A1:2016 +A2:2017<br>EN 62233:2008<br><br><b>Electro-Magnetic Compatibility (EMC)<br/>                 Directive 2014/30/EU - recast of 2004/108/EC</b><br>EN 61000-6-1: 2007<br>EN 61000-6-1: 2007+A1:2011<br><br><b>Restriction of Hazardous Substances Directive<br/>                 (RoHS) 2015/863 amending Annex II to<br/>                 Directive 2011/65/EU</b> | <b>Electrical Safety</b><br>EN 60335-1:2012 +A11:2014 +A13:2017<br>EN 60335-2-89:2010 +A1:2016 +A2:2017<br>EN 62233:2008<br><br><b>Electromagnetic Compatibility</b><br>EN 61000-6-1: 2007<br>EN 61000-6-1: 2007+A1:2011 |
| <b>Producer Name</b> • Naam fabrikant • Nom du producteur • Name des Herstellers<br>• Nome del produttore • Nombre del fabricante • Nome do fabricante   |  | <b>Polar</b>   |

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 • Datum • Data • Datum

Fecha • Data

**Signature** • Handtekening •

Signature • Unterschrift Firma •

Firma • Assinatura

**30<sup>th</sup> December 2020**

DocuSigned by:

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**Position** • Functie • Fonction •

Position • Qualifica • Posición •

Função

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