



# POLAR DB319 Countertop Display Freezer Instruction Manual

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**POLAR DB319 Countertop Display Freezer**



## Safety Instructions

- Position on a flat, stable surface.
- service agent/qualified technician should carry out installation and any repairs if required.
- Consult Local and National Standards to comply with the following:
  - Health and Safety at Work Legislation
  - BS EN Codes of Practice
  - Fire Precautions
  - IEE Wiring Regulations
  - Building Regulations
- DO NOT immerse the appliance in water, or use jet/pressure washers to clean the appliance.
- Do not use the appliance for anything other than its intended use.
- Always switch off and disconnect the power supply to the appliance when not in use.
- Not suitable for outdoor use.
- Keep all packaging away from children. Dispose of the packaging in accordance to 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 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.
- POLAR recommend that this product is connected to a circuit protected by an appropriate RCD (Residual Current Device).

**Caution: Risk of fire / Flammable materials**

- 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.

## 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 G-Series Countertop Display Freezer Servery Unit – 4 x Napoli Pans
- Instruction Manual
- Napoli pans (x4)
- Support bars (x3)

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 appliance has been stored or moved in a non-vertical position, stand it in an upright position 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 interior with soapy water.

## Operation

### Control panel



	<p>Refrigerant LED:</p> <p>During refrigerating, LED is on; When the set temperature is reached and constant, LED is off.</p>
	<p>Defrost LED:</p> <p>During defrosting, LED is on; When defrosting finishes, LED is off.</p>
	Up Button
	Down Button
	Manual defrost button
<b>SET</b>	Set button
<b>I/O</b>	On/off

**Note:** After turned on for 5 minutes, the machine will start to run automatically.

### Adjusting the Temperature

1. Press SET button. The set temperature is displayed.
2. Press up button or down button to change set temperature.
3. Press SET button to exit.

### Manual Defrost

To start/stop manual defrost, press and hold defrost button for 6 seconds.

### 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.

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

Periodic cleaning of the Condenser can extend the life of the appliance. POLAR recommends that a POLAR agent or qualified technician clean the condenser.

- The appliance is designed for display purposes only and not for storage.
- The appliance should be switched off when not in use.
- Carry out a manual defrost if excessive ice is present.
- Remove any water that may be present before usage.

### 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 are damaged	Replace plug or lead
	Fuse in the plug has blown	Replace the fuse
	Mains power supply fault	Check mains power supply
The appliance is not cooling	Coolant Leak	Call POLAR agent or qualified technician
	Fan Motor Failed	Call POLAR agent or qualified technician
	Airflow to the condenser obstructed	Increase the gap between appliance and obstacles/heat source
	Condenser is clogged	Clean the condenser
The appliance is noisy	Appliance is not level	Adjust position to make it level
	Appliance is too close to a wall or other object	Move to a more suitable location
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)	Capacity (Litres)	Temp. range	Refrigerant	Dimensions H x W x D mm	Weight (kg)
DB319	220-240V~ 50Hz	220	1.8	67	-15 ~ -25°C	R290	356 x 805 x 666	34.5

## Electrical Wiring

POLAR appliances are supplied with a 3 pin BS1363 plug and lead. 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.


## Disposal

EU regulations require refrigeration product to be disposed of by specialist companies who remove or recycle all gasses, metal and plastic components. Consult your local waste collection authority regarding disposal of your appliance. Local authorities are not obliged to dispose of commercial refrigeration equipment but may be able to offer advice on how to dispose of the equipment locally. Alternatively call the POLAR helpline for details of national disposal companies within the EU.

## Compliance

The WEEE logo on this product or its documentation indicates that 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.

## Documents / Resources

 <p>POLAR Countertop Display Freezer</p>	<p><a href="#">POLAR DB319 Countertop Display Freezer</a> [pdf] Instruction Manual DB319, Countertop Display Freezer, DB319 Countertop Display Freezer</p>
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## References

- [P Polar Refrigeration - Commercial Refrigeration](#)