



# POLAR CM287-A Multideck Display Fridge Instruction Manual

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## POLAR CM287-A Multideck Display Fridge Instruction Manual



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## 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.
  - **In Queensland the service agent/qualified technician MUST hold a Gas Work Authorisation or License for hydrocarbon refrigerants if the appliance gas system is being opened or charged.**
- 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.
- 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.

- To comply with AS/NZS 60079.10.1:2009: Ensure there are not sources of ignition in any area where refrigerant could gather in the event of a leak.
- Electrical equipment should not be placed under the vent or where refrigerant could gather in the event of a leak.
- **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.

## Pack Contents

The following is included:

- POLAR Multideck Display Fridge
- Instruction manual

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 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.

To avoid higher energy consumption and a shorter compressor life, your refrigerated equipment should never be installed:

- Near sources of heat such as radiators, direct or indirect sunlight or other equipment which produce heat.

- In line with draughts coming from doors, windows or air-conditioning systems.

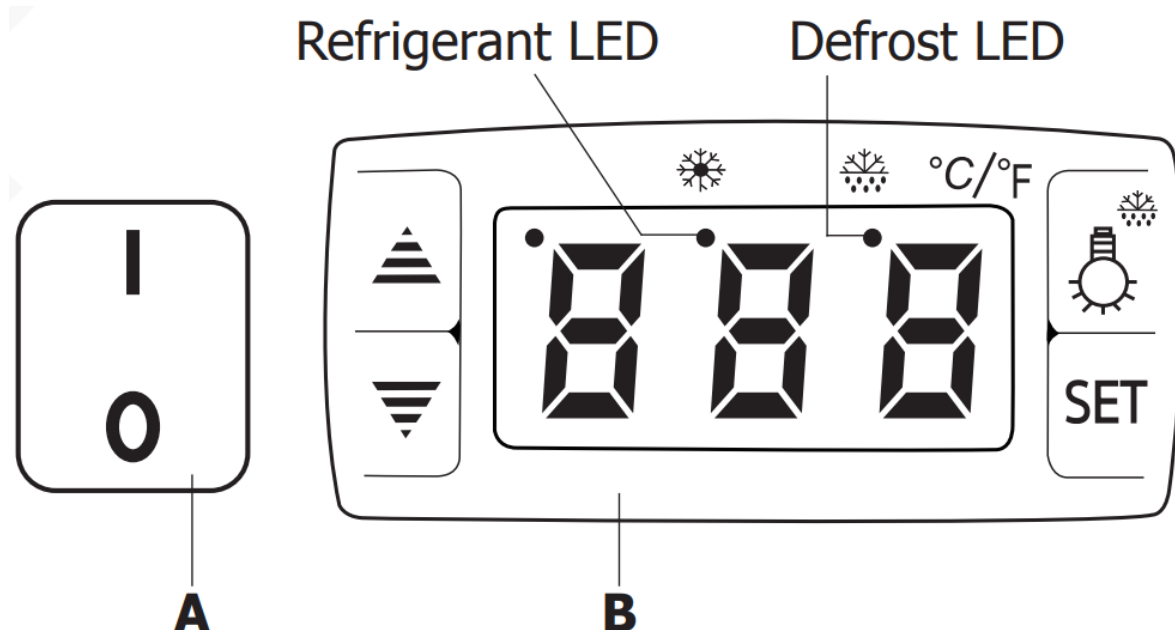
1. Remove the appliance from the packaging. Make sure that all protective plastic film and coatings are thoroughly removed from all surfaces.
2. To optimize performance and longevity, ensure a minimum clearance of 2.5cm is maintained between the unit and walls and other objects, with a minimum 20cm clearance 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.

## Operation

### Control Panel





**A** – Power Switch  
**B** – Controller


### Turn On

1. Ensure the power switch A is set to [O] and turn on at the socket.
2. Switch on the Power [I]. The current temperature within the appliance is displayed.

### 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.

### Internal Light

Press the  button on the controller to turn the internal light on and off.

## Manual Defrost

Press and hold the button for 6 seconds to begin or stop a manual defrost. The defrost light illuminates.

## 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 and ice will form with frequent and prolonged opening of the doors.***

***Operating outside of the recommend temperature range and placing next to a heat source will also increase the amount of ice and internal/external condensation. If external condensation occurs wipe the surface down with a cloth.***

***Excessive ice will result in longer running times that will increase energy consumption and increase the deterioration of components.***

***This unit is fitted with a condensate heater, however if ambient humidity rises above 75%, it may be necessary to direct the drain line (located at the rear) to a suitable drain outlet or tray.***

## Cleaning the Condenser

Periodically cleaning the condenser can extend the life of the appliance.

The condenser is located behind the front bottom panel.



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

## 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 Condenser
	Insufficient airflow to the fans	Remove any blockages to the fans
	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
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
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>Consult a qualified Technician</li> </ul>

## Technical Specifications

**Note:** Due to our continuing program of research and development, the specifications herein may be subject to change without notice.

Model	Voltage	Power	Current	Temperature Range	Refrigerant	Dimensions H x W x D mm	Weight	Weight capacity of shelf
<b>CM287-A</b>	220-240V ~ 50Hz	1300 W	6.7A	2°C ~ 10°C	R290	1459 x 918 x 792	130kg	21kg

## 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

Equipment Type		Model
G-Series Multideck display fridge – 494mmG-Series Multideck with lockable sliding doors		CD239 (-E) CM287 (-E & -A)
Application of Territory Legislation & Council Directives(s)	<p><b>Machinery Directive 2006/42/EC Supply of Machinery (Safety) Regulations 2008</b>  EN 60335-1:2012  +A11:2014  +A13:2017  +A:2019  +A14:2019  +A2:2019  EN 60335-2-89:2010  +A1:2016  +A2:2017  EN 62233:2008</p> <p><b>Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU – recast of 2004/108/EC</b>  <b>Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)</b>  EN IEC 61000-6-3:2021  EN IEC 610000-6-1:2019</p> <p><b>Regulation (EU) 2019/2024 – Eco-design directives for refrigerators</b>  EN 16902:2016 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)</p>	<p><b>Electrical Safety</b>  IEC 60335-1:2010 +A1:2013 +A2:2016  EN 60335-2-89:2019</p> <p><b>Electromagnetic Compatibility</b>  EN IEC 61000-6-3:2021  EN IEC 610000-6-1:2019</p>
Producer Name		Polar

I, the undersigned, hereby declare that the equipment specified above conforms to the above Territory Legislation, Directive(s) and Standard(s).




Date	17th December 2021		
Signaturxe			
Full Name	Ashley Hooper	Eoghan Donnellan	Nerada Parse
Position	<b>Technical &amp; Quality Manager</b>	<b>Commercial Manager/ Importer</b>	<b>Commercial Manager / Responsible Supplier</b>
Producer Address	Fourth Way, Avon mouth, 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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**POLAR**

 The image shows a Polar CM287-A Multideck Display Fridge. It is a tall, white commercial refrigerator with multiple glass-paned doors. The Polar logo is visible in the top left corner of the image frame, and the model name 'POLAR CM287-A' is printed at the bottom.	<p><a href="#">POLAR CM287-A Multideck Display Fridge</a> [pdf] Instruction Manual</p> <p>CM287-A, CM287-A Multideck Display Fridge, Multideck Display Fridge, Display Fridge, Fridge</p>
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## References

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