POLAR
REFRIGERATION

600 / 400 / 150 litre series Refrigerators/Freezers

Instruction manual







Models:
CD080-A/CD081-A/CD082-A/CD083-A/CD084-A/CD085-A/CD610-A/CD611-A/CD612-A/CD613-A/CD614-A/CD615-A/CD086-A/CD087-A/CD088-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
    - BS EN Codes of Practice
    - Fire Precautions
    - IEE 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 capabilites, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety
- Children should be supervised to ensure that they do not play wth the appliance

Product Description

- CD080-A - 150 litre Refrigerator
- CD081-A - 140 litre Freezer
- CD082-A - 400 litre Refrigerator
- CD083-A - 365 litre Freezer
- CD084-A - 600 litre Refrigerator
- CD085-A - 600 litre Freezer
- CD086-A - 150 litre Glass-Door Refrigerator
- CD087-A - 400 litre Glass-Door Refrigerator
- CD088-A - 600 litre Glass-Door Refrigerator
- CD613-A - 365 litre Freezer
- CD614-A - 600 litre Refrigerator
- CD615-A - 600 litre Freezer
- CD610-A - 150 litre Refrigerator
- CD611-A - 140 litre Freezer
- CD612-A - 400 litre Refrigerator

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 Refrigerator / Freezer
- Shelves - Refrigerator only
  CD610-A/ CD080-A x 3/ CD086 x 3
  CD612-A/ CD082-A x 4 / CD087 x 4
  CD614-A x 4 / CD084-A / CD088 x 4
- Keys x 2
- Spacers 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 moved or stored in an upright position, let it stand upright for approximately 12 hours before operation. If in doubt allow the appliance 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 2cm (0.7 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.**

Operation

Control Panel

The control panel is located on the front of the appliance.

Turn On

1. Close the door of the appliance.
2. Connect the appliance to a mains power supply.
3. Set the temperature to the desired setting: 0 (Off), 1 (Cool) to 7 (Cold)

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.

Lock/Unlock the Doors

A lock is fitted to the doors to ensure foodstuffs are kept secure within your POLAR appliance.
Use the keys provided to lock/unlock the door.

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.
- 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.
- A POLAR agent or qualified technician must carry out repairs if required.

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.

Replacing the Lamp (CD086-A,CD087-A,CD088-A)

1.) Switch Off and disconnect the appliance from the power supply
2.) Remove the plastic cover
3.) Twist the lamp in its socket and release
4.) Remove the lamp and replace the new one of the same power rating
5.) Replace the plastic cover

Troubleshooting

If your POLAR appliance develops a fault, please check the following table before making a call to the Helpline.

Fault	Probable Cause	Action
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
	Fuse in the plug has blown	Replace the fuse
	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
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)
CD080-A	220-240V 50Hz	150	1.0A	-2°C to 8°C	150	R134a (75g)	850x600x600	44
CD081-A	220-240V 50Hz	150	1.0A	-10°C to -25°C	140	R134a (75g)	850x600x600	44.5
CD082-A	220-240V 50Hz	185	1.5A	-2°C to 8°C	400	R134a (170g)	1850x600x600	69
CD083-A	220-240V 50Hz	210	2A	-10°C to -25°C	365	R134a (185g)	1850x600x600	71
CD084-A	220-240V 50Hz	185	1.5	-2°C to 8°C	600	R134a (210g)	1890x777x695	90
CD085-A	220-240V 50Hz	350	3.5	-10°C to -25°C	600	R134a (290g)	1890x777x695	94
CD610-A	220-240V 50Hz	150	1.0A	-2°C to 8°C	150	R134a (75g)	850x600x600	44
CD611-A	220-240V 50Hz	150	1.0A	-10°C to -25°C	140	R134a (75g)	850x600x600	44.5
CD612-A	220-240V 50Hz	185	1.5A	-2°C to 8°C	400	R134a (170g)	1850x600x600	69
CD613-A	220-240V 50Hz	210	2A	-10°C to -25°C	365	R134a (185g)	1850x600x600	71
CD614-A	220-240V 50Hz	185	1.5	-2°C to 8°C	600	R134a (210g)	1890x777x695	90
CD615-A	220-240V 50Hz	350	3.5	-10°C to -25°C	600	R134a (290g)	1890x777x695	94
CD086-A	220-240V 50Hz	150	1.0A	-2°C to 8°C	150	R134a (75g)	850x600x600	47
CD087-A	220-240V 50Hz	185	1.5A	-2°C to 8°C	400	R134a (170g)	1850x600x600	72
CD088-A	220-240V 50Hz	185	1.5A	-2°C to 8°C	600	R134a (290g)	1890x777x695	93

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

This appliance must be earthed, using a dedicated earthing circuit.

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 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:

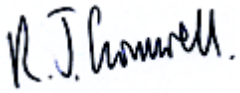
All rights reserved. No part of these instructions may be produced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of POLAR.

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.

DECLARATION OF CONFORMITY

Equipment Type	Glass Door Refrigerator
Model	CD086-A, CD087-A, CD088-A, CD080-A, CD081-A, CD610-A, CD611-A, CD612-A, CD613-A, CD614-A, CD615-A
Legislation	C-Tick AS/NZ 3820 Essential Safety Requirements for Low Voltage Electrical Equipment
Standards	AS/NZS CISPR 14.1:2010 AS/NZS 60335.2.89:2010
Producer Name	POLAR
Producer Address	15 Badgally Road Campbelltown, NSW 2560

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

Date	13/11/12
Signature	
Full Name	Richard Cromwell
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