



# Chest Freezer

## Instruction manual



**Model:**  
**GM498-A / GM499-A**

## Safety Instructions

- 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.
- 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.
- 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.

- 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.



### 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.

## Product Description

**GM498-A** - POLAR 200 litre Display Chest Freezer

**GM499-A** - POLAR 270 litre Display Chest Freezer

## Pack Contents

The following is included:

- Polar Chest Freezer
- 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.**

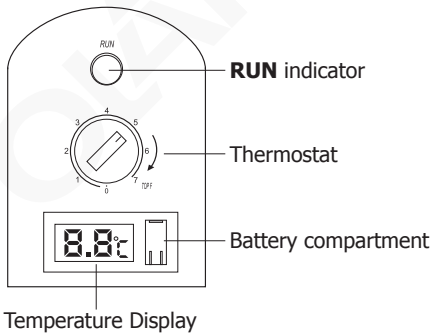
1. Remove the appliance from the packaging. Make sure that all protective plastic film and coatings are thoroughly removed from all surfaces.
2. To optimize performance and longevity, ensure a minimum clearance of 2.5cm is maintained between the unit and walls and other objects, with a minimum 20cm clearance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

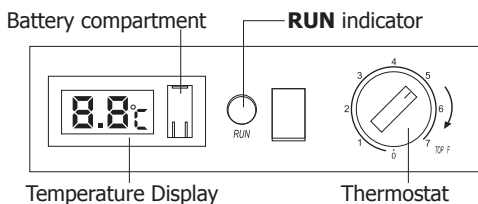
3. Set the brakes on the castors to keep the appliance in position.

## Operation

### Control Panel - GM498-A



### Control Panel - GM499-A



## Freezing tips

- Allow hot food to cool prior to freezing.
- For best and fastest freezing, it is better to split food into smaller portions.
- The pre-set position of baskets has already been set in the most efficient use of this unit. Ensure that baskets are not over-filled. It is important that the lid should close onto the body for the appliance to refrigerate efficiently.
- To prevent food waste from drying out (freezer burns), place food in airtight packaging.
- Take note of the "use by" date and recommended freezer storage time. Ensure that food to be used is made easily accessible.
- Storage time varies and depends on the food type and packaging. Strictly observe the food producer's instructions on the packaging.
- To avoid contamination of food, please respect the following instructions:

- Avoid opening the lid too often. Opening the lid for long periods can cause a significant increase of the temperature in the appliance.

- If the gasket or seal is damaged or deformed, energy consumption will increase. To restore efficiency replace gasket.

- If the refrigerating appliance is left empty for long periods, switch it off. Then defrost and clean it thoroughly. Let it dry well and leave the door open to prevent mould developing within the appliance.

- Clean regularly surfaces that can come in contact with food and accessible drainage system.

- Store raw meat and fish in suitable containers in the freezer, so that they are not in contact with or drip onto other food.

## Turn On

1. Close the lid of the appliance.
2. Turn on the appliance.
3. Set the thermostat to the desired temperature.

## Defrost

POLAR recommend defrosting the appliance when any frost build up inside the freezer reaches 5mm thick. To do this switch the freezer off at the power supply.

## 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 warm water only.
- Always wipe dry after cleaning.
- Do not allow water used in cleaning to run through the drain hole into the evaporation pan.
- Take care when cleaning the rear of the appliance. Sharp edges can cut.

**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.**

**Do not obstruct fans and do not exceed max load lines, as doing so will impact air distribution and increase energy usage.**

### Cleaning the Condenser

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

Failure to clean the condenser will increase energy consumption, reduce the performance and life of your Polar unit, and thus may invalidate your warranty.

## 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 the Condenser
	Lid not shut properly	Check lid is shut and seals are not damaged
	Appliance is located near a heat source or air flow to the condenser is being interrupted	Move the freezer to a more suitable location
	Ambient temperature is too high	Increase ventilation or move appliance to a cooler position
	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 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
No display on control panel	Flat battery	Replace with LR44 1.5V battery

## 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 (kg)
GM498-A	220-240V~ 50Hz	200W	1.1A	-24 ~ -18°C	R600a 75g	905 x 953 x 553	42
GM499-A		250W	1.7A	-24 ~ -18°C	R290 80g	887 x 1195 x 654	60

## 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

Equipment Type • Uitrustingstype • Type d'équipement • Gerätetyp • Tipo di apparecchiatura • Tipo de equipo	Model • Modèle • Modell • Modello • Modelo
G-Series Display Chest Freezer - 200 Ltr G-Series Display Chest Freezer - 270 Ltr	GM498 (-E & -A) GM499 (-E & -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	<p><b>Machinery Directive 2006/42/EC</b> Supply of Machinery (Safety) Regulations 2008 EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 EN 60335-2-89:2010 +A1:2016 +A2:2017 EN62233:2008</p> <p><b>Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU - recast of 2004/108/EC</b> Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091) EN IEC 55014-1: 2021 EN IEC 55014-2: 2021 EN IEC 61000-3-2: 2019+A1:2021 EN 61000-3-3: 2013+A1:2019+A2: 2021</p> <p><b>Restriction of Hazardous Substances Directive (RoHS) 2015/863 amending Annex II to Directive 2011/65/EU</b> Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012/3032)</p>
Manufacturer Name • Naam fabrikant • Nom du fabricant • Name des Herstellers • Nome del fabbricante • Nombre del 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 Directive 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.

Date • Data • Date • Datum • Data •

Fecha

Signature • Handtekening •

Signature • Unterschrift Firma •

Firma

Full Name • Volledige naam • Nom et

prénom • Vollständiger Name • Nome

completo • Nombre completo

Position • Functie • Fonction •

Position • Qualifica • Posición

Manufacturer Address • Adres

fabrikant • Adresse du fabricant •

Adresse des Herstellers • Indirizzo del

fabbricante • Dirección del fabricante

24<sup>th</sup> Apr 2024

DocuSigned by:

Ashley Hooper

B39382C9FD9C478...

DocuSigned by:

Eoghan Donnellan

D352874F7FAB46D...

DocuSigned by:

Brendan Denmeade

386FAD00DFE8483...

Ashley Hooper

Eoghan Donnellan

Brendan Denmeade

Group Head of Product  
Quality & Compliance

Commercial Manager/  
Importer

Commercial Manager/  
Responsible  
Supplier

Fourth Way,  
Avonmouth,  
Bristol,  
BS11 8TB  
United Kingdom

Unit 9003,  
Blarney Business Park,  
Blarney,  
Co. Cork  
Ireland

15 Badgally Road,  
Campbelltown  
NSW 2560



# POLAR



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

GM498-A\_GM499-A\_A5\_v2\_2024/04/26