



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.
- 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.
- POLAR recommend that this product is connected to a circuit protected by an appropriate RCD (Residual Current Device).

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

GM498-A - POLAR 200 litre Display Chest Freezer

GM499-A - POLAR 270 litre Display Chest Freezer

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 Chest Freezer
- 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.

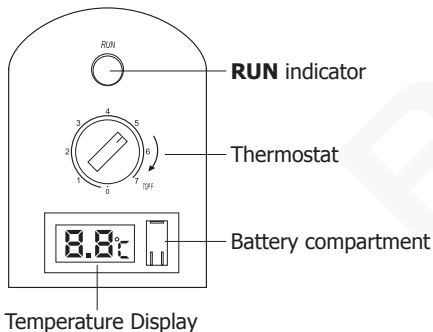


Note: Before using the appliance for the first time, clean the shelves and interior with soapy water.

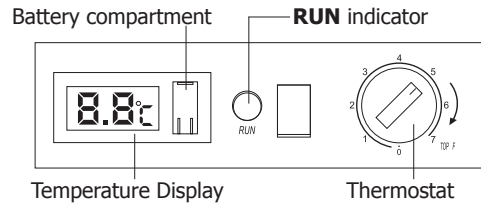
3. Set the brakes on the castors to keep the appliance in position.

Operation

Control Panel - GM498-A



Control Panel - GM499-A



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.
- 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.

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.
- 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.

Troubleshooting

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

| 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 | Call POLAR agent or qualified Technician |
| | Power supply | Check 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

| 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

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

| | | |
|--|--|--|
| Equipment Type • Uitrustingstype • Type d'équipement • Gerätetyp • Tipo di apparecchiatura • Tipo de equipo • Tipo de equipamento | | Model • Modèle • Modell • Modello • Modelo • Malli |
| 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 • Aplicação de directiva(s) do Conselho | Machinery Directive 2006/42/EC 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 EN 62233:2008 Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU - recast of 2004/108/EC Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091) EN 55014-1: 2017 EN55014-2:2015 EN 61000-3-2: 2014 EN 61000-3-3:2013 Ecodesign requirements for refrigerating appliances with a direct sales function (EU) 2019/2024 EN ISO 23953-2:2015 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) | Electrical Safety IEC 60335-1:2010 +A1:2013 +A13:2016 IEC 60335-2-89:2010 +A1:2012 +A2:2015 EN 62233:2008 Electromagnetic Compatibility EN 55014-1: 2017 EN55014-2:2015 EN 61000-3-2: 2014 EN 61000-3-3:2013 |
| Producer Name • Naam fabrikant • Nom du producteur • Name des Herstellers • Nome del produttore • Nombre del fabricante • Nome do fabricante | | Polar |

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 • Date • Datum • Data •
Fecha • Data

Signature • Handtekening •
Signature • Unterschrift Firma •
Firma • Assinatura

Full Name • Volledige naam • Nom
et prénom • Vollständiger Name •
Nome completo • Nombre completo
• Nome por extenso

Position • Functie • Fonction •
Position • Qualifica • Posición •
Função

Producer Address • Adres fabrikant •
Adresse du producteur • Anschrift
des Herstellers • Indirizzo del
produttore • Dirección del fabricante
• Morada do fabricante

29th September 2021

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