Counter Refrigerator/ Freezer

Instruction manual







Model:

FA440-A/FA441-A/FA442-A/FA443-A/GH332-A/ GH333-A

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.
- 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 stand or support yourself on the base, drawers or doors.
- 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.
- 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.

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- 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.

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

FA440-A - Polar G-Series Refrigerated counter with 6 Drawers
FA441-A - Polar G-Series Refrigerated counter with 9 Drawers
FA442-A - Polar G-Series Refrigerated Saladette, Single Door with 1/1GN
FA443-A - Polar G-Series Freezer Saladette, Single Door with 1/1GN
GH332-A - Polar G-Series Saladette with 2 GN Drawers
GH333-A - Polar G-Series Single Door Saladette Preparation Counter

Pack Contents

The following is included:

POLAR Refrigerator or Freezer
Shelf guides (FA442-A/FA443-A/GH333-A)
Gastronorm spacer bars (GH333-A)
Instruction manual
Shelves (FA442-A/FA443-A/GH333-A)

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.

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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 interior with soapy water.

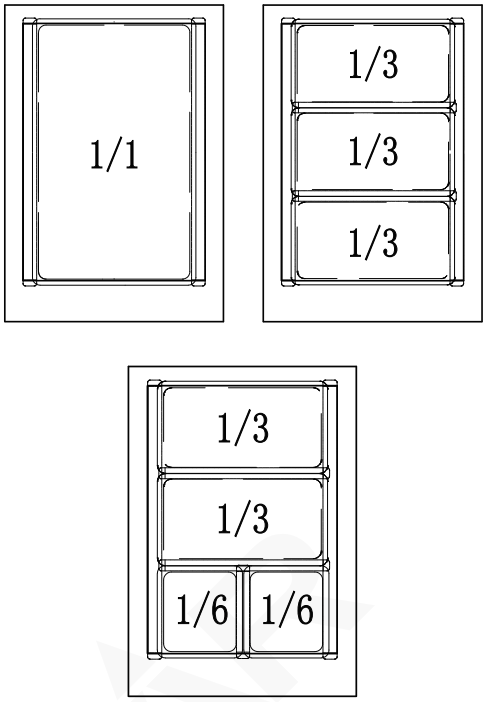
The appliance is supplied with feet by default. However, castors can be supplied as an option. Castors can be ordered using the code of AJ489.

3. Set the brakes on the castors to keep the appliance in position.
   Or,
   Level the appliance by adjusting the screw feet.

Fitting the Shelves (FA442-A/ FA443-A/GH333-A)

1. Place one set of shelf guides on either side of the cabinet at the desired height.
2. Slide the shelf into place.
3. Slide the floor shelf in place.

GN Pan Layout (for GH333-A only)



Note:
- **Use the spacer bars provided to fill any gaps (they are not required to support each GN pans).**
- **Always close the lid when not in use.**
- **The appliance is not intended for the long term storage of food.**

Operation

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.

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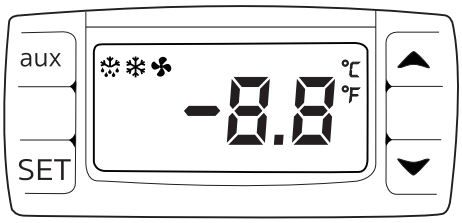
Turn On

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

Control Panel



Set the Operating Temperature

1. Hold the **SET** button for 3 seconds. The value of the current set point will be displayed.
2. Press the ▲ or ▼ buttons to display the required temperature.
3. Press the **SET** button to store the temperature.

Manual Defrost

- The appliance will automatically run a defrost cycle every six hours.
- **To manually defrost the appliance:** Press and hold the defrost button "**aux**" for 2 seconds to begin a manual defrost. The defrost light illuminates.

Cleaning, Care & Maintenance

Defrost appliance at least every 3 months, more often if required.
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 soapy water.
- 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.

Note: Condensation will form in refrigeration on hot humid days, please ensure condensation is allowed to drain properly or is wiped dry.

Stainless Steel Care

To maintain the stainless steel exterior of your Polar item, please consider the following information:

Never:

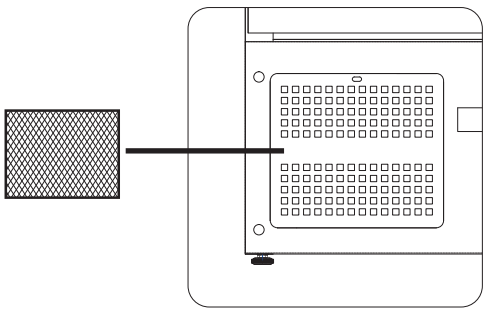
- Use abrasive Scourers or scrubbing pads, etc.
- Use Chlorinated or acidic detergents
- Allow anything e.g. food, dirt, cleaning chemicals to remain on the surface for longer than necessary, clean them off right away.
- Allow the surface to remain wet.

Do:

- Clean often.
- Use soft Cloths or plastic Scourers.
- Rub with the grain of the metal, rather than across it.
- Use detergents and polish designed for cleaning Stainless Steel.
- Ensure that the cleaning products are washed off fully and that the steel is left dry.

Routine Maintenance - Condenser Cleaning

- The condenser is part of the refrigeration system. The condenser requires monthly cleaning.
- Always disconnect power supply before carrying out Routine Maintenance.
- Failure to clean the condenser will reduce the performance and life of your Polar unit and may invalidate your warranty.
- These models have a removable filter which can be cleaned with a vacuum cleaner.



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Troubleshooting

If your POLAR appliance develops a fault, please check the following table before making a call to the Helpline or your POLAR dealer. A POLAR agent or 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
	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 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 drip tray is overflowing	Empty the drip tray (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

Technical Specifications

Model	Voltage	Power	Current	Temperature Range	Capacity (Litres)	Refrigerant	Dimensions H x W x D mm	Weight (kg)
FA440-A	220-240V~ 50Hz	155W	1.2A	2°C ~ 8°C	98	R600a 70g	875 x 903 x 700	99
FA441-A		235W	1.3A	2°C ~ 8°C	208	R600a 100g	875 x 1365 x 700	140
FA442-A		155W	1.2A	2°C ~ 8°C	88	R600a 45g	871 x 478 x 700	36
FA443-A		245W	1.6A	-10°C ~ -20°C	88	R290 80g	871 x 478 x 700	48
GH332-A		100W	1.2A	2°C ~ 8°C	65	R600a 45g	868.5 x 478 x 700	46
GH333-A		125W	1.2A	2°C ~ 8°C	109	R600a 45g	857.5 x 438 x 700	36

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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.

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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	
Refrigerated Counter with 6 drawers Refrigerated Counter with 9 drawers Refrigerated Saladette, Single Door	Freezer Saladette, Single Door with Castors Saladette with 2 GN Drawers Single Door Saladette Preparation Counter	FA440 (-E & -A) FA441 (-E & -A) FA442 (-E & -A)	FA443 (-E & -A) GH332 (-E & -A) GH333 (-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 +A4:2019 +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 +A11:2020 EN55014-2:2015 EN IEC 61000-3-2: 2019 EN 61000-3-3:2013 +A1:2019 **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 +A11:2020 EN55014-2:2015 EN IEC 61000-3-2: 2019 EN 61000-3-3:2013 +A1:2019	
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	**12th August 2021**		
Signature • Handtekening • Signature • Unterschrift Firma • Firma • Assinatura	DocuSigned by: Ashley Hooper B39382C9FD9C478...	DocuSigned by: Eoghan Donnellan D352874F7FAB460...	DocuSigned by: Nerida Pearse 8769F077756845D...
Full Name • Volledige naam • Nom et prénom • Vollständiger Name • Nome completo • Nombre completo • Nome por extenso	**Ashley Hooper**	**Eoghan Donnellan**	**Nerida Pearse**
Position • Functie • Fonction • Position • Qualifica • Posición • Função	**Technical & Quality Manager**	**Commercial Manager/ Importer**	**Commercial Manager/ Responsible Supplier**
Producer Address • Adres fabrikant • Adresse du producteur • Anschrift des Herstellers • Indirizzo del produttore • Dirección del fabricante • Morada do fabricante	**Fourth Way, Avonmouth, Bristol, BS11 8TB United Kingdom**	**42 North Point Business Park New Mallow Road Cork Ireland**	**15 Bagdally Road, Campbelltown NSW 2560**

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

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