



Refrigerated counter unit with sneeze guard

Instruction manual



Model:

**UA017-A (FT281-A + FT367) / UA018-A (FT283-A + FT368) / UA019-A (FT285-A + FT369)
CT393-A (FT281-A + FT280) / CT394-A (FT283-A + FT282) / CT395-A (FT285-A + FT284)**

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
 - 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 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.
- 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 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.

Product Description

UA017-A (FT281-A + FT367) - Polar counter unit with straight glass sneeze guard 2 doors

UA018-A (FT283-A + FT368) - Polar counter unit with straight glass sneeze guard 3 doors

UA019-A (FT285-A + FT369) - Polar counter unit with straight glass sneeze guard 4 doors

CT393-A (FT281-A + FT280) - Polar counter unit with curved glass sneeze guard 2 doors

CT394-A (FT283-A + FT282) - Polar counter unit with curved glass sneeze guard 3 doors

CT395-A (FT285-A + FT284) - Polar counter unit with curved glass sneeze guard 4 doors

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
- Shelf guide (2 per door)
- Shelf (1 per door)
- Glass sneeze guard set
- 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.

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

Fitting the Shelves

1. Place one set of shelf guides on either side of the cabinet at the desired height.
2. Slide the shelf into place.
3. Repeat for the remaining shelves.

Fit straight glass sneeze guard (FT367/FT368/FT369) onto counter unit (FT281-A/FT283-A/FT285-A)

1. Screw the collars to the rim of the appliance.

Note: Ensure the hole in the collar for the grub screw faces inwards.

2. Slot the two side panels into the collars, with the holes in the glass at the top.

Note: Ensure the screw hole furthest from the edge of the panel goes to the back of the appliance.

3. Screw a grub screw into each collar to secure the panels.

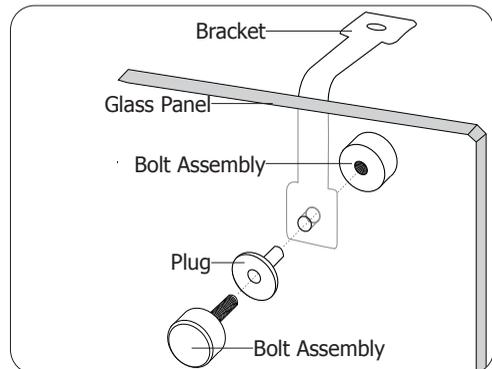
Note: Ensure the soft end of the grub screw is the end making contact with the glass.

Do not over-tighten the grub screws as it will result in the glass breaking.

4. Slot the rear panel into the collars, with the holes in the glass at the top.
5. Screw a grub screw into each collar to secure the panel.
6. Slot the plastic plugs into each of the holes.
7. Screw the brackets to the inside of each pane using the bolt assemblies.

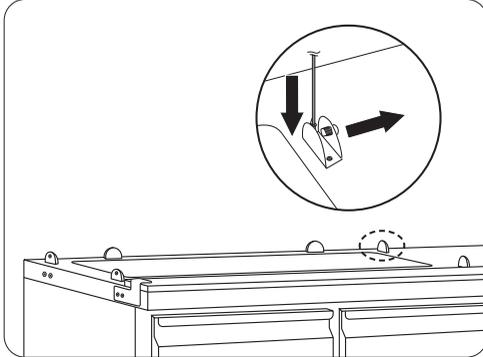
Note: Ensure the short end of the bolt assembly is on the outside of the panels.

8. Place the top panel onto the brackets, ensuring all holes line up.
9. Insert the plugs and attach the top panel to the brackets with the bolt assembly.

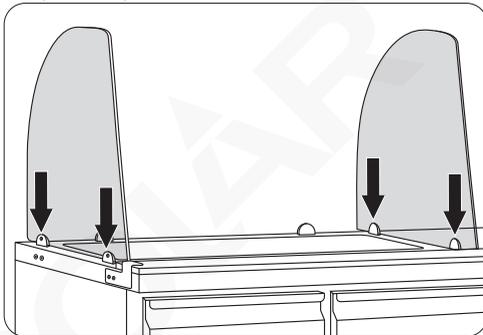


Fit curved glass sneeze guard (FT280/FT282/FT284) onto counter unit (FT281-A/FT283-A/FT285-A)

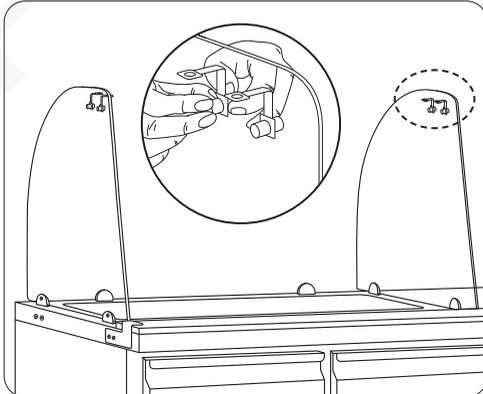
1. Install the glass fixing clips. Then release the screws on the clips a bit.



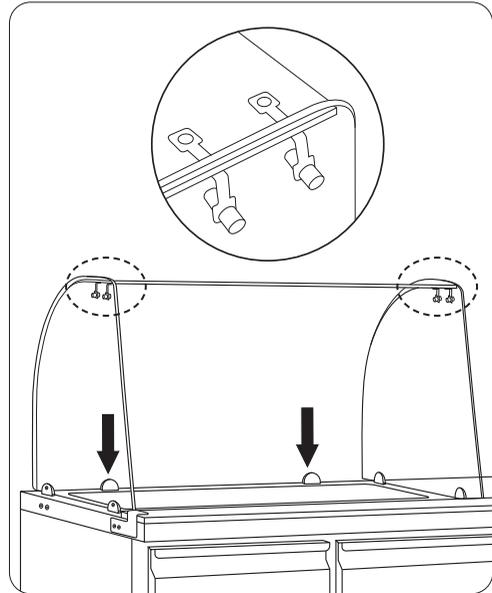
2. Insert the side glass panel into the clips. Then tighten the screws on the clips to fix the glass panel in place.



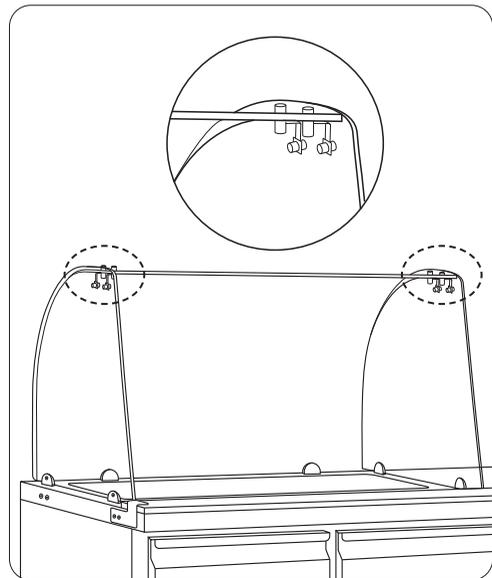
3. Mount the joint assembly onto the glass panel.



4. Insert the back glass panel into the clips. Then tighten the screws on the clips to fix the back panel in place. Now press gently the top part of the back panel onto the joint assembly.



5. Fix the top part of the back panel in place with the supplied joint assembly. Now the sneeze guard is mounted.



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 liquids (like acidic fluids) inside the appliance (as it can damage the evaporator).
- 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.

Note: The appliance is not intended for the long term storage of food.

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.
- The defrost cycle will end automatically.

Cleaning, Care & Maintenance

Note: 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.

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.

Stainless Steel Care

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

Never:

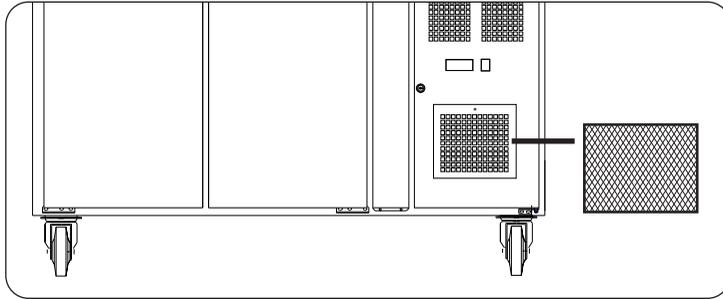
- Use abrasive Scourers or scrubbing pads, etc.
- Use Chlorinated or acidic detergents
- Allow anything e.g. food, dirt, cleaning chemicals to remain on the surface for longer than necessary, clean them off right away.
- Allow the surface to remain wet.

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.



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 | Temp. Range | Capacity (L) | Refrigerant | Dimensions H x W x D mm | Weight (kg) |
|---------|---------|-------------------|---------|-------------|--------------|-------------|-------------------------|------------------|
| UA017-A | FT367 | | | | | | 500 x 876 x 562 | 22 |
| | FT281-A | 220-240V~ 50Hz | 300W | 1.8A | -2°C ~ 8°C | 314 | R600a 95g | 860 x 1360 x 700 |
| UA018-A | FT368 | | | | | | 500 x 1341 x 562 | 30 |
| | FT283-A | 220-240V~ 50Hz | 300W | 1.8A | -2°C ~ 8°C | 456 | R600a 95g | 860 x 1795 x 700 |
| UA019-A | FT369 | | | | | | 500 x 1746 x 562 | 34 |
| | FT285-A | 220-240V~ 50Hz | 300W | 1.8A | -2°C ~ 8°C | 616 | R600a 95g | 860 x 2230 x 700 |

| Model | Voltage | Power | Current | Temp. Range | Capacity (L) | Refrigerant | Dimensions H x W x D mm | Weight (kg) |
|---------|---------|-------------------|---------|-------------|--------------|-------------|-------------------------|------------------|
| CT393-A | FT280 | | | | | | 500 x 876 x 562 | 24 |
| | FT281-A | 220-240V~ 50Hz | 300W | 1.8A | -2°C ~ 8°C | 314 | R600a 95g | 860 x 1360 x 700 |
| CT394-A | FT282 | | | | | | 500 x 1341 x 562 | 31.5 |
| | FT283-A | 220-240V~ 50Hz | 300W | 1.8A | -2°C ~ 8°C | 456 | R600a 95g | 860 x 1795 x 700 |
| CT395-A | FT284 | | | | | | 500 x 1746 x 562 | 35.5 |
| | FT285-A | 220-240V~ 50Hz | 300W | 1.8A | -2°C ~ 8°C | 616 | R600a 95g | 860 x 2230 x 700 |

Note: For optimal product performance and efficiency, please ensure to mind the net usable capacity (load limit) when filling.

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 |
| | 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 | Replace the water container |
| | 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 |

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

- 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 |
| 2 door counter unit for CT393 (-E & -A), UA017 (-E & -A) 3 door counter unit for CT394 (-E & -A), UA018 (-E & -A) 4 door counter unit for CT395 (-E & -A), UA019 (-E & -A) | FT281 (-E & -A) FT283 (-E & -A) FT285 (-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 | <p>Machinery Directive 2006/42/EC Supply of Machinery (Safety) Regulations 2008 EN 60335-1:2012 +A11:2014 +A13:2017 EN 60335-2-89:2010 +A1:2016 +A2:2017 EN 62233:2008</p> <p>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</p> <p>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> |
| 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'apparechiatura 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

24th September 2021

Signature • Handtekening •

Signature • Unterschrift Firma • Firma • Assinatura

DocuSigned by:

Ashley Hooper
B39382C9FD9C478...

DocuSigned by:

Eoghan Donnellan
D352874F7FAB460...

DocuSigned by:

Nerida Pearse
8789F07756845D...

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 • Anschritt 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/> 

UA017-A to UA019-A_CT393-A to CT395-A_A5_v1_2023/07/26