



Countertop Refrigerated Merchandiser

Instruction manual



Model:
CC611-A / CC666-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
 - 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.
- 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 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.

- 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.

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

- POLAR Countertop Refrigerated Merchandiser
- Shelves 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 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.

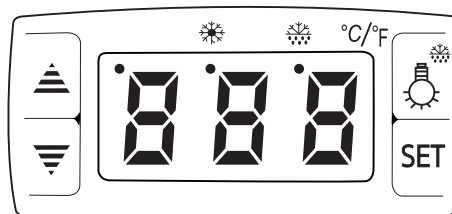


Note: Before using the appliance for the first time, clean the shelves and interior with soapy water.


Operation

Control Panel

The control panel is located below the doors on the rear of the appliance.



Turn On

1. Close the doors of the appliance.
2. Connect the appliance to a mains power supply.
3. Press the  button to turn the light On or Off as required.

Setting the Operating Temperature





1. Press the **SET** button. The display will flash.
2. Press the  or  buttons to display the required temperature.
3. Press the **SET** button to store the temperature.

Table of Controller Parameters

The operating parameters of this appliance have been preset for optimum performance and to maximise the life of the appliance

Display	Parameter	Preset Value	Range
E1	Lower set temperature	2°C	-20°C to 2°C
E2	Upper set temperature	6°C	2°C to 45°C
E3	Temperature buffer	4°C	1°C to 10°C
E4	Temperature buffer time delay	3 minutes	0 to 10 minutes
E5	Fixed parameter	0	DO NOT CHANGE
E6	Fixed parameter	00	DO NOT CHANGE
F1	Defrost period	25 minutes	1 to 60 minutes
F2	Defrost interval	6 hours	1 to 24 hours
F3	Defrost temperature	20°C	0°C to 22°C
F4	Centigrade/Fahrenheit	0°C	°C/°F

Should the parameter need adjusting:

1. Press and hold the **SET** button for six seconds. The "E1" parameter is displayed
2. Press the  or  buttons until the required value is displayed
3. Press the **SET** button to store the new value and cycle to the next parameter



NOTE: The controller times out after 10 seconds if no buttons are pressed

Manual Defrost:

Press and hold the  button for 6 seconds to begin automatic defrost. The defrost light illuminates

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/vents inside the appliance.
- Avoid opening the doors for prolonged periods of time.

Cleaning, Care & Maintenance

- **Switch off and disconnect from the power supply before cleaning.**
- The doors can be removed for ease of 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.
- A POLAR agent or qualified technician must carry out repairs if required.

Replacing the Interior Lamp



WARNING: Allow the lamp to cool before replacing. The lamp remains hot immediately after use.

1. Turn Off and disconnect the appliance from the mains power supply.
2. Remove the lamp by twisting it from the lamp sockets.
3. Insert the new lamp and twist into place.

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.

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 condenser	Defrost the appliance
	Condenser blocked with dust	Call POLAR or qualified technician
	Doors are not shut properly	Check doors are shut and seals are not damaged
	Appliance is located near a heat source, in the direct sunlight 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 fan
	Appliance is overloaded	Reduce the amount of food stored in the appliance
	Factory default parameters adjusted	Call POLAR or qualified technician
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 screw/nut	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
The display lamp does not illuminate	Lamp needs replacing	Call POLAR or qualified technician
	Light not turned on	Ensure Light button has been pressed properly
Door does not shut	Dirt/obstacle in runners	Clean runners
Error code EE4	<ul style="list-style-type: none"> Restricted Airflow Blocked Condenser 	<ul style="list-style-type: none"> Increase airflow Call POLAR agent or qualified Technician

Technical Specifications

Model	Voltage	Power	Current	Temperature Range	Capacity	Refrigerant	Dimensions H x W x D mm	Weight
CC611-A CC666-A	220-240V~ 50Hz	160W	1.4A	2-12°C	100L	R600a (48g)	675 x 682 x 450	39.1kg

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:



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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 •
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Equipment Type • Uitrustingstype • Type d'équipement • Gerätetyp • Tipo di apparecchiatura • Tipo de equipo • Tipo de equipamento		Model • Modèle • Modell • Modello • Modelo • Malli
Countertop Refrigerated Merchandiser (Digital Controller) Black Countertop Refrigerated Merchandiser (Digital Controller) White Refrigerated Display Merchandiser - 120Ltr Refrigerated Display Merchandiser - 160Ltr		CC611 (& -E -A) CC666 (& -E -A) CD229 (& -E -A) CD230 (& -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	Low Voltage Directive (LVD) - 2014/35/EU EN 60335-1:2012 +A11:2014 +A13:2017 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 EN 61000-6-1: 2007 EN 61000-6-1: 2007+A1:2011 Restriction of Hazardous Substances Directive (RoHS) 2015/863 amending Annex II to Directive 2011/65/EU	Electrical Safety EN 60335-1:2012 +A11:2014 +A13:2017 EN 60335-2-89:2010 +A1:2016 +A2:2017 EN 62233:2008 Electromagnetic Compatibility EN 61000-6-1: 2007 EN 61000-6-1: 2007+A1:2011
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)

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Fecha • Data

Signature • Handtekening •

Signature • Unterschrift Firma •

Firma • Assinatura

30th December 2020

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et prénom • Vollständiger Name •
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• Nome por extenso

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

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des Herstellers • Indirizzo del
produttore • Dirección del fabricante
• Morada do fabricante

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

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