

# PC52 American Style Fridge Freezer

Installation, Use and Maintenance



## Important

The CDA Group Ltd cannot be held responsible for injuries or losses caused by incorrect use or installation of this product. Please note that CDA reserve the right to invalidate the guarantee supplied with this product following incorrect installation or misuse of the appliance.

Under no circumstances should any external covers be removed for servicing or maintenance except by suitably qualified personnel.

### **Appliance information:**

Please enter the details on the appliance rating plate below for reference, to assist CDA Customer Care in the event of a fault with your appliance and to register your appliance for guarantee purposes.

Appliance Model	
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Serial Number	
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### **EU Declarations of Conformity:**

This appliance meets the requirements of all applicable EU directives with the corresponding harmonised standards which provide for CE marking.

### **IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH WEEE DIRECTIVE 2012/19/EU.**

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin .

## Before First Use of the Fridge/Freezer

**You must allow the fridge to settle for at least twenty four hours prior to switching the power on.**

It is recommended that you clean the interior of the appliance prior to first use, using a solution of bicarbonate of soda and warm water then thoroughly dry the interior.

**The fridge may have an odour to it at first use. This will disappear as the appliance cools.**

This appliance has been designed with ease of use in mind but please read the following instructions carefully to ensure you familiarise yourself with the appliance and its operation. This will help you to get the best results and also help to prevent you from being charged for unnecessary service calls.

**Please note:**

The appliance will work continuously until it comes down to the correct temperature.

If the appliance is switched off, you should allow five minutes before switching it on again to prevent unnecessary damage to the compressor.

## Fridge Use

- Never put liquids in the refrigerator uncovered.
- Never put hot foods in the refrigerator. Warm food should be allowed to cool to room temperature before being put into the refrigerator.
- Nothing should rest against the rear wall of the refrigerator, as this will cause frost and possible condensation problems which will be difficult to remove.
- Make sure food is clean and any extra water is wiped away before putting into the fridge.
- Wrap or cover food before putting into the fridge. This will help prevent the loss of moisture, keep food fresh and avoid unpleasant odours.
- Sort foods prior to storing. Any foods to be used soon should be stored at the front of the shelf to prevent deterioration caused by the door being open for prolonged periods.
- Do not overfill the fridge. There should be sufficient space between the foods to allow the cool air to circulate.
- Thawing frozen foods in the fridge compartment will help to keep the temperature low and save energy.

## Freezer Use

- The freezer compartments are designed to store only frozen food.
- Never put hot or warm foods in the freezer, allow them to cool fully before putting them into the freezer.
- Follow the instructions on the food packaging for storage of frozen food. If no information is provided, foods should not be stored for more than three months after the purchase date.
- Store food in small packages (ideally less than 2.5kg). This reduces the freezing time and improves the quality of the food after thawing.
- Wrap food before putting into the freezer. To stop the wrapping sticking together, ensure it is dry.
- Label the food before freezing with information including type of food and dates of storage and expiry.
- Once food is thawed, it must not be refrozen. Only defrost as much food as is required to prevent wastage.
- Bottled or canned drinks should not be stored in the freezer compartments as they could explode.
- The maximum amount of fresh food that can be frozen within a 24 hour period is 10 kg.
- Do not attempt to freeze more than the maximum amount.
- To freeze fresh food more quickly, switch on the super freeze function a few hours prior to placing the food in the freezer.

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- Do not use the super freeze function more than once in 72 hours. Use over the recommended time will place unnecessary strain on the refrigeration system.

# Control Panel

A - Refrigerator selector

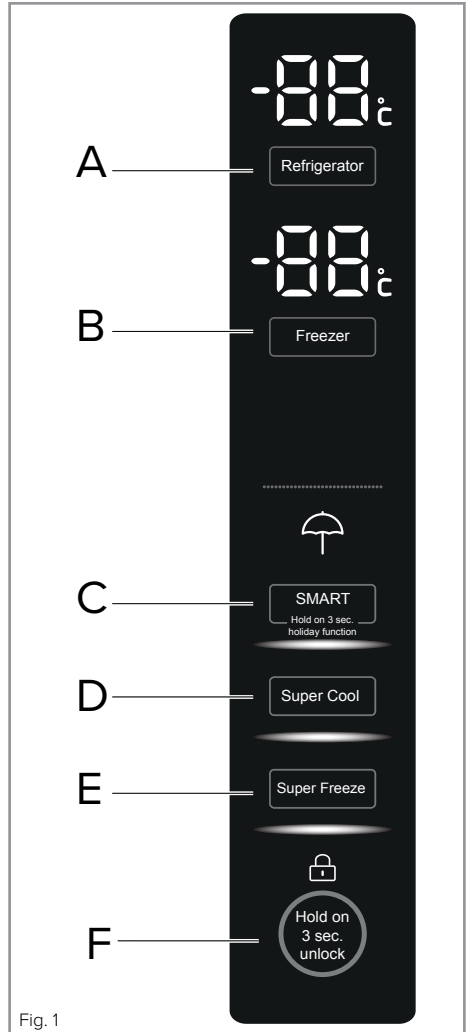
B - Freezer selector

C - Smart/Holiday Mode sensor

D - Super Cool sensor

E - Super Freeze sensor

F - Safety Key Lock sensor




## NOTE:

The control panel has a standby mode which means that the display dims automatically 30 seconds after the last key was touched and will give the impression of the appliance being off. Simply touch any key briefly to re-activate the display and then unlock the control panel, if necessary, before attempting any adjustments. Instructions on how to

unlock the control panel are detailed below and on page 13 of this User Manual.

**NOTE:**

Before attempting to adjust the temperature or function of your appliance, ensure the appliance is not in “Lock” mode - make sure the lock icon  is not illuminated. If it is in “Lock” mode touch and hold the “Safety Key Lock sensor” (F) for three seconds to switch the “Lock” mode off. You will see the padlock icon is now off and you can proceed to use your appliance.

## Setting the fridge temperature

- Touch the “Refrigerator selector” (A) once so that the refrigerator and freezer temperature displays illuminate (if the displays are already illuminated then you need only perform the following steps).
- Touch the “Refrigerator selector” (A) as many times as necessary to achieve the desired temperature. This may be set between 1°C and 9°C and each touch will alter the temperature by an increment of 1°C. The optimum temperature for the refrigerator to be set to is 5°C.
- Leave the display for around five seconds to stop flashing and the temperature is set.

**NOTE: After the display stops flashing it will revert to displaying the current temperature of the relevant compartment. However the appliance will still work towards the temperature that has just been set.**



## Setting the freezer temperature

- Touch the “Freezer selector” (B) once so that the refrigerator and freezer temperature displays illuminate (if the displays are already illuminated then you need only perform the following steps).
- Touch the “Freezer selector” (B) as many times as necessary to achieve the desired temperature. This may be set between  $-16^{\circ}\text{C}$  and  $-23^{\circ}\text{C}$  and each touch will alter the temperature by an increment of  $1^{\circ}\text{C}$ . The optimum temperature for the freezer to be set to is  $-18^{\circ}\text{C}$ .
- Leave the display for around five seconds to stop flashing and the temperature is set.

**NOTE: After the display stops flashing it will revert to displaying the current temperature of the relevant compartment. However the appliance will still work towards the temperature that has just been set.**

## Smart Mode

This appliance is equipped with a ‘Smart’ mode that can automatically adjust the temperature according to the ambient temperature of the room it is within and in response to temperature fluctuations within the appliance itself.

### To switch the Smart mode on

- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch the “Smart/Holiday Mode sensor” (C) once. The light beneath the Smart/Holiday Mode sensor will illuminate to confirm that the Smart mode has been activated.

### **To switch the Smart mode off**

- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch the “Smart/Holiday Mode sensor” (C) once. The light beneath the Smart/Holiday Mode sensor will switch off to confirm that the Smart mode has been deactivated.

## **Holiday Mode**

This appliance is equipped with a holiday mode function which allows you to set the fridge to a low power state and leave the freezer running. This maintains frozen food during a holiday, without fully running the fridge as well. The fridge section will operate at 17°C and cannot be adjusted whilst the mode is active.

### **To switch the holiday mode on**

- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch and hold the “Smart/Holiday Mode sensor” (C) for approximately three seconds. The parasol symbol above the Smart/Holiday Mode sensor will illuminate to confirm that the holiday mode has been activated.

### **To switch the holiday mode off**

- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch and hold the “Smart/Holiday Mode sensor” (C) for approximately three seconds. The parasol symbol above the Smart/Holiday Mode sensor will switch off to confirm that the holiday mode has been deactivated.

# Super Freeze Function

The super freeze function can be used to freeze large quantities of fresh food as quickly as possible. For best results, switch the function on 24 hours prior to introducing large quantities of food to be frozen. This function will deactivate automatically after 50 hours of continued use.

## **To switch the super freeze function on**

- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch the “Super Freeze sensor” (E) once. The indicator beneath the Super Freeze sensor will illuminate to confirm that the super freeze function has been activated.

**NOTE: You cannot adjust the freezer temperature without first deactivating the super freeze function.**

## **To switch the super freeze function off**

- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch the “Super Freeze sensor” (E) once. The indicator beneath the Super Freeze sensor will switch off to confirm that the super freeze function has been deactivated.

**NOTE: It is possible to operate both the super freeze and super cool functions simultaneously.**

# Super Cool Function

The super cool function can be used to maintain the fridge temperature when large quantities of fresh food are introduced into the fridge. This function will deactivate automatically after 3 hours of continued use.

## **To switch the super cool function on**

- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch the “Super Cool sensor” (D) once. The indicator beneath the Super Cool sensor will illuminate to confirm that the super cool function has been activated.

**NOTE: You cannot adjust the fridge temperature without first deactivating the super cool function.**

## **To switch the super cool function off**


- Unlock the control panel if necessary by touching and holding the Safety Key Lock sensor (F) for approximately three seconds.
- Touch the “Super Cool sensor” (D) once. The indicator beneath the Super Cool sensor will switch off to confirm that the super cool function has been deactivated.

**NOTE: It is possible to operate both the super freeze and super cool functions simultaneously.**


## Safety Key Lock

The fridge is equipped with a safety key lock to prevent accidental reprogramming of the fridge. A beeper will sound if the control panel is used whilst the safety key lock is active.

### To switch the safety key lock on

- Touch the “Safety Key Lock sensor” (F) and hold it for 3 seconds. The padlock icon above the sensor  will illuminate; the temperature and function settings will be locked.

### To switch the safety key lock off

- Touch the “Safety Key Lock sensor” (F) and hold it for 3 seconds. The padlock icon above the sensor  will switch off; the temperature and function settings will be unlocked.

## Door Open Alarm

This appliance is equipped with an alarm to alert you if a door is left open.

In the event that a door is left open for more than a minute the appliance will start beeping in short bursts, this continues every thirty seconds until both doors are properly shut.

## Defrosting the Fridge

The fridge is cooled by convection using cold air forced through channels at the rear of the fridge. No defrosting is required.

## Defrosting the Freezer

The freezer is frost free and as such is designed not to require defrosting. If you notice ice on the back wall of the fridge then this could be due to a number of factors including food items touching the back wall or an ingress of warm air caused by a faulty door seal.

## Care and Cleaning

**Always disconnect the appliance from the power before any cleaning or maintenance.**

- Leave spaces between food items wherever possible to allow air to flow between them.
- Avoid contact of oily or acidic foods with the rear and side walls. Oils and acids can damage the liner material. If any such foods come into contact with the walls, clean the spot with warm water and bicarbonate of soda.
- The refrigerator and freezer sections should be cleaned using a solution of bicarbonate of soda and lukewarm water.
- Do not use abrasive products or detergents. After washing, rinse and dry thoroughly.
- Clean the shelves and balconies separately by hand using soap and water. Do not put them in the dishwasher.
- Keep the door seals clean to avoid damage to them and to help to ensure that they continue to function correctly.
- Once cleaning is complete, then reconnect the power.
- If the appliance is not used for prolonged periods of time, unplug and clean it. The doors should be left slightly open to prevent the formation of mildew or odours.

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# Troubleshooting

If you have any problems with your appliance, you should check the troubleshooting prior to calling CDA Customer Care, to prevent unnecessary service calls and potential cost.

## **If the appliance is not working, check the following;**

- There is power to the appliance.
- The control panel is lit and is not locked.
- The house fuses are intact and the fuse in the plug has not blown.
- The appliance is not in holiday mode.
- The plug socket is functioning correctly. To check this, plug another electrical appliance in to see if the socket is working.

## **If the appliance is working, but not very well, check the following;**

- The appliance is not overloaded.
- The temperature is set to an appropriate level.
- The doors are closing properly.
- The cooling system at the rear of the appliance is clean and free of dust, and not touching the rear wall.
- There is enough ventilation at the side and rear walls.

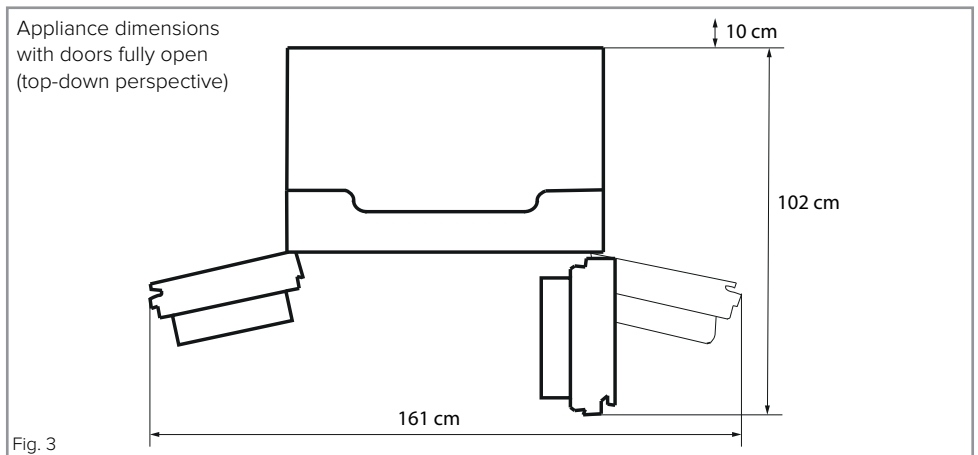
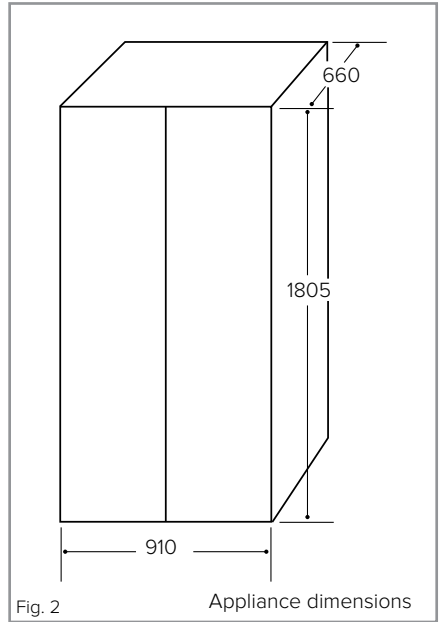
## **If the appliance is noisy, check the following;**

- The appliance is level and stable.
- The side and rear walls are clear, and there is nothing resting on the appliance.
- The cooling gas in the refrigerator will make a slight bubbling noise, even when the compressor is not running.
- It is normal to hear the compressor running. This will operate periodically and more so when the appliance doors are opened.

# Installation and Ventilation

**This appliance must never be installed close to heat sources i.e. heating elements and cookers or in damp places.**

Failure to provide adequate ventilation can lead to increased running costs and premature failure; it may also invalidate the warranty provided with the product.



- The plug should be fully accessible at all times.
- Ensure ventilation openings are kept clear.
- Do not use a multi-plug adaptor in the socket to connect this appliance alongside other appliances.
- Do not tilt the fridge beyond 45°.
- Do not exert excessive pressure on the appliance.



- Locate the appliance in a well ventilated position, away from heat sources, damp and direct sunlight.
- Ensure that there is a gap of no less than 10cm above and to the sides of the appliance to allow for ventilation. The clearance between the sides and adjacent furniture must also allow the doors to open fully. **Note that a greater side gap will be required if the appliance is to be positioned next to a wall to allow the doors to open fully.**
- A gap of 5cm must be allowed for ventilation between the rear wall and the back of the appliance.

## Electrical Information

**Warning! This appliance must be earthed.**

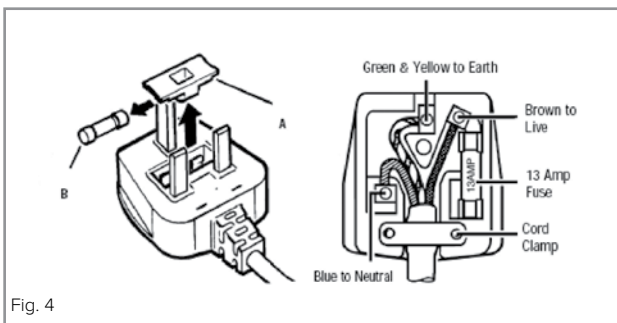


Fig. 4

The mains lead of this appliance has been fitted with a BS 1363A 13A fused plug. To change a fuse in this type of plug, follow the steps below:

1. Remove the fuse cover and fuse.
2. Fit replacement 13A fuse, ASTA approved to BS 1362 type, into the fuse cover.
3. Replace fuse cover.

**Important: do not use the appliance without the fuse cover in position.**

### **How to connect an alternative plug**

If the fitted plug is not suitable for your socket outlet, then it should be cut off and disposed of safely to avoid possible shock hazard. A suitable alternative plug of at least 13 Amp rating to BS 1363 should be used.

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:-


- The wire which is coloured GREEN and YELLOW must be connected to the terminal which is marked with letter (E) or by the Earth symbol  $\perp$  or coloured GREEN and YELLOW.
- The wire which is coloured BLUE must be connected to the terminal which is marked with the letter (N) or coloured BLACK.
- The wire which is coloured BROWN must be connected to the terminal which is marked with the letter (L) or coloured RED.

If in doubt regarding the electrical connection of this appliance, consult a qualified electrician. Do not shorten the supply cable, the appliance may require removing for servicing.

**N.B. Ensure that the plug socket is situated in an easily accessible place.**

**If the power supply cable is damaged, it must be replaced by a CDA authorised agent.**

## Energy Efficiency Information

Attribute	Symbol	Value	Units
Model identification		PC52	
Category of the household refrigerating appliance		7	
Voltage / Frequency		220 - 240V ~ / 50Hz	
Dimensions (W x D x H cm)		910 x 655 x 1805	
Mass of the appliance	M	100	kg
Energy efficiency class		A+	
Annual energy consumption	AEc	435	kWh/year
The energy consumption is based on standard test results for 24 hours. Actual energy consumption will depend on how the appliance is used and where it is located.			
Storage volume (fridge)		341	L
Storage volume (freezer)		177	L
Star rating			°C
Defrosting type		Automatic	
Climate class		SN-N- ST-T	
Airborne acoustic noise emissions	pW	43	dB(A)

E & O E. All instructions, dimensions and illustrations are provided for guidance only. CDA reserve the right to change specifications without prior notice.



Please contact our **Customer Care Department** for Service on the details below

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