



FW971

Integrated Frost Free 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.

This appliance is not designed to be used by people (including children) with reduced physical, sensorial or mental capacity, or who lack experience or knowledge about it, unless they have had supervision or instructions on how to use the appliance by someone who is responsible for their safety.

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 has been designed, constructed and marketed in


compliance with safety requirements of EU Directive 2014/35/EU (Low voltage) and requirements of EU Directive 2014/30/EU (EMC).

This appliance has been manufactured to the strictest standards and complies with all applicable legislation, including Electrical safety (LVD) and Electromagnetic interference compatibility (EMC). Parts intended to come into contact with food conform to 1935/2004/EC.

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

At the end of its working life, the product must not be disposed of as urban waste. The refrigeration system contains insulating gases and refrigerants, which require specialised waste disposal. The valuable materials contained in this appliance can be recycle. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Before disposing of an old appliance, remove the door seals, latch or bolt lock to avoid the risk of child entrapment.

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. 

Important

Never store inflammable or explosive items and strong corrosive acids or alkalis in the appliance.

This is a household appliance, which is produced in accordance with the national standard. It is intended for food storage only, not for storage of blood, medicine and biological products.

To prevent risk of fire, keep the appliance away from petrol or any other inflammables.

To prevent risk of electromagnetic interference or other accidents, do not place a microwave oven on top of the refrigerator or use any electric appliance inside the refrigerator.

Do not allow children to play with or near the appliance.

The internal surface of freezer compartment is very cold when the appliance is running. Do not touch the surface especially when hands are wet.

Do not splash water onto the appliance. Keep it away from places of high humidity that may have adverse effect on the electric insulation performance.

This appliance is designed to be used in ambient temperatures between 16 and 43°C. Use outside of this range may cause the appliance to fail.

Before first use

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 and then thoroughly drying the interior.

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

Please note:

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

The temperatures are preset at the factory to 5 for the fridge and -18 for the freezer.

It takes two to three hours for the fridge and freezer to reach temperatures appropriate to store food.

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

Use

Fridge

- 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

- 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 unless it has been completely cooked. Only defrost as much food as is required to prevent wastage.
- Bottled or canned drinks should not be stored in the freezer compartment as they could explode.
- Check the rating plate to confirm the maximum amount of fresh food that can be frozen within a 24 hour period.

Do not attempt to freeze more than the maximum amount.

Storage

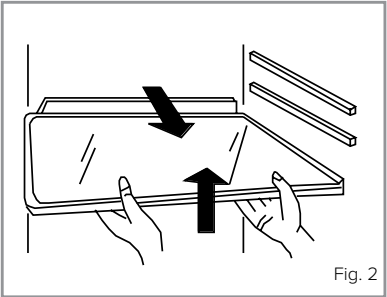
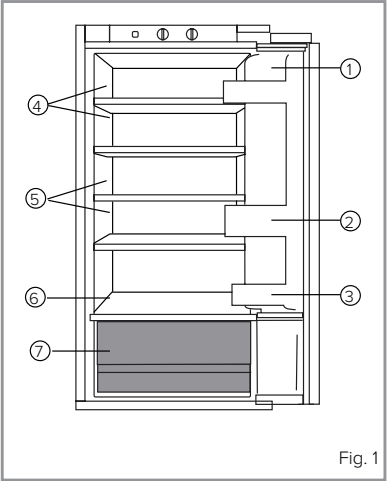
The fridge section is for short term food storage. Although the temperature can be maintained between 2 - 8°C, extended periods of food storage is not recommended.

As the cold air circulates within the fridge, the temperature can vary between the different sections. As such, foods should be stored in different sections according to type. Section 6 is the coldest part of the fridge.

- 1. Butter
- 2. Food in jars and bottles
- 3. Drinks , e.g. milk
- 4. Cooked food
- 5. Yogurts and cheese
- 6. Fresh meat and fish
- 7. Fruit and vegetables

The fridge shelves can be moved according to the storage requirements within the fridge section.

To move the shelf, lift up the front section and then pull it outwards. To replace, slide the shelf back into the slot, and then lower the front section.



The salad crisper is designed with a humidity control to ensure fruit and vegetables last longer.

This can be adjusted by the slider at the front right of the salad crisper.

Fully opening the slider control to high humidity restricts the amount of dry air entering the crisper from the fridge compartment, extending the life of items such as lettuce and cucumber.

Open (fully left) = Low.

Closed (fully right) = High.

Control panel

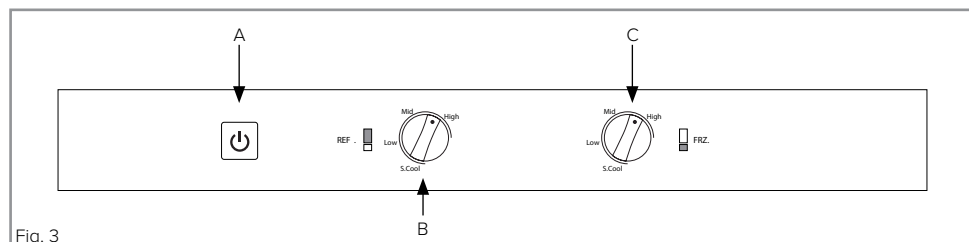


Fig. 3

A. Power button

To put the fridge freezer on standby press and hold the power button for approximately three seconds. To start the compressor working again, press and hold the power button for approximately three seconds.

B. Fridge thermostat dial

The fridge temperature is regulated by this dial.

The thermostat can be set between fully anti-clockwise (super cool function) and fully clockwise (least cold).

The super cool function can be used when introducing large quantities of fresh food to maintain an optimal temperature in the fridge section.

To switch on the super cool function, turn the fridge thermostat dial to super cool.

Once the food is sufficiently chilled, turn the thermostat dial back to the previous setting.

IMPORTANT: Do not use the super cool function for more than 24 hours.

C. Freezer thermostat dial

The freezer temperature is regulated by this dial.

The thermostat can be set between fully anti-clockwise (super freeze function) and fully clockwise (least cold).

The super freeze function can be used to freeze large quantities of fresh food as quickly as possible.

To switch on the super freeze function, turn the freezer thermostat dial to super freeze.

Once the food is frozen, turn the thermostat dial back to the previous setting.

IMPORTANT: Do not use the super freeze function for more than 24 hours.

Door open alarm

This appliance is equipped with an alarm that will activate when the fridge or freezer doors are left open for more than sixty seconds.

If the fridge door is not closed, the alarm will sound three times every thirty seconds.

Care and cleaning

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

Both fridge and freezer are frost free and as such this appliance is designed not to require defrosting.

The fridge 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 with soap and water. Do not put them in the dishwasher.

Once cleaning is complete, then reconnect the power.

If the appliance is not to be used for prolonged periods of time, unplug and clean the appliance. The doors should be left slightly open to prevent the formation of mildew and smell.

IMPORTANT: After the power supply to the appliance has been switched off, wait at least 5 minutes before switching the appliance back on again.

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.

To switch off the compressor for a short period of time and so to force a defrost cycle, push and hold the Power button for approximately five seconds. After 20 seconds, the defrosting process will begin. Alternatively, disconnect the appliance from the mains power supply for the required amount of time.

Please note: The compressor will be off and as such will not power the fridge during this time. Ensure that no foods that may be spoiled are left in the appliance when defrosting.

IMPORTANT: After the power supply to the appliance has been switched off, wait at least 5 minutes before switching the appliance back on again.

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:

- There is power to the appliance.
- The power button on the control panel is switched on.
- The house fuses are intact and the fuse in the plug has not blown.
- The thermostat is not set to off.
- The plug socket is functioning fine. To check this, plug another electrical appliance in to see if the socket is faulty.

If the appliance is working, but not very well, check:

- The appliance is not overloaded.
- The thermostat is set to an appropriate temperature.
- 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 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.

Please note:

The LED lighting cannot be replaced without a service call. If the light fails, contact CDA Customer Care. Contact details are on the rear cover of this manual.

Installation kit

Prior to carrying out any installation steps, ensure that you have all of the required pieces as per the image below. These are in a packet contained within the appliance.



Also, ensure that you have the front trim cover pictured below. **This is normally taped to the back wall of the inside of the fridge.**

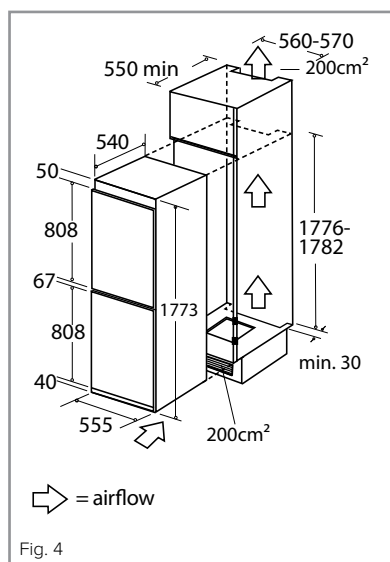


If you are missing any of these parts please check all drawers within the appliance, as well as any packaging. If parts are still missing, please contact CDA Customer Care. Contact details are on the rear cover of this manual.

Installation

This appliance must never be installed close to heat sources, e.g. heating elements, cookers or in damp places.

- The cooling system at the rear of the appliance must not touch the rear wall.
- The appliance must be installed with adequate ventilation. Ensure that there is clearance above the appliance to allow air to escape and that there is space between the rear of the appliance and the wall.



Figures 4 and 5 show the ventilation requirements for your appliance. Failure to provide adequate ventilation can lead to increased running costs and premature failure and may invalidate the warranty provided with the appliance.

Ventilation

The main consideration when installing any refrigeration unit into a fitted kitchen is ventilation. The heat removed from the cooling compartment needs to be dissipated into the atmosphere. Incorrect ventilation can lead to premature compressor failure, excessive power consumption and total system failure. For products intended to be installed into a tall housing unit, the following requirements need to be met (fig. 5).

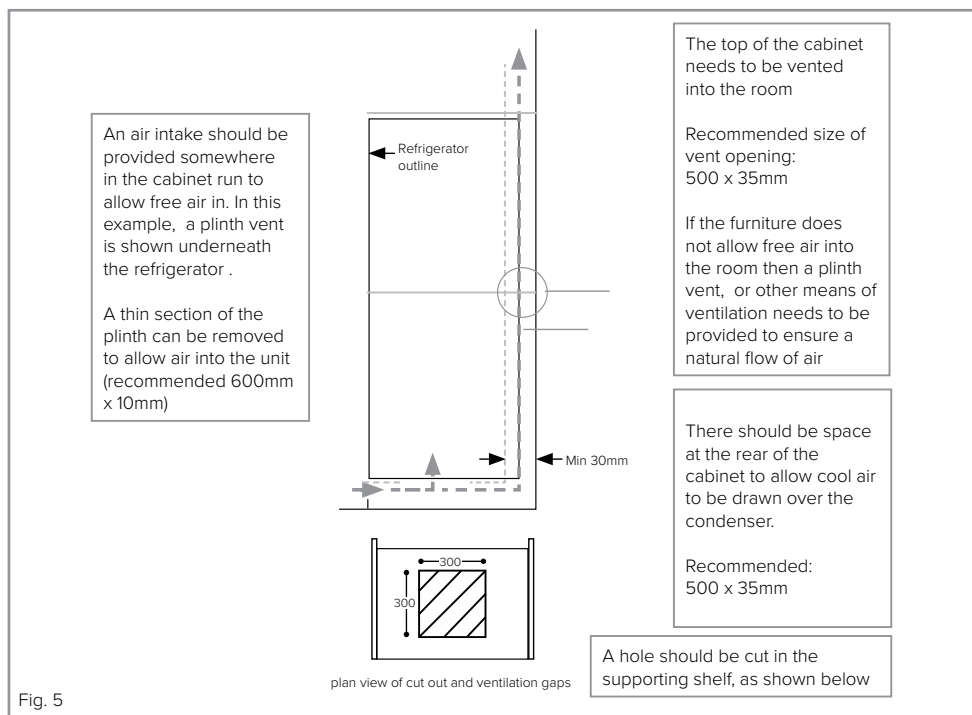


Fig. 5

Important

Please follow the instructions to install this unit. The open channel at the rear is clearly shown. For the correct operation of the appliance it is important that the top of the housing unit is not blocked off. A channel depth of 40-50mm is normal with most units.

A hole is shown in the base shelf of the unit; this allows air to be drawn over the compressor & heat exchange. Some installers fit a decorative plinth vent. In most cases this is not required, but is a welcome aesthetic addition.

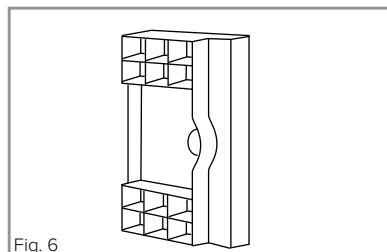
As a rule, the more air can get in, the better and more efficient the operation of the product.

Fitting the product into the cabinet

1. Remove the gasket protection pieces:

These are on the hinge-side edge of each door and prevent excessive seal compression during transport. **They are required later during the installation process** (step 6). Remove the screws and gasket protectors from each door

(fig. 6) and proceed with the installation. Cover caps are provided, in a polythene bag, to fill the holes where these protectors were fitted; take care when inserting these.

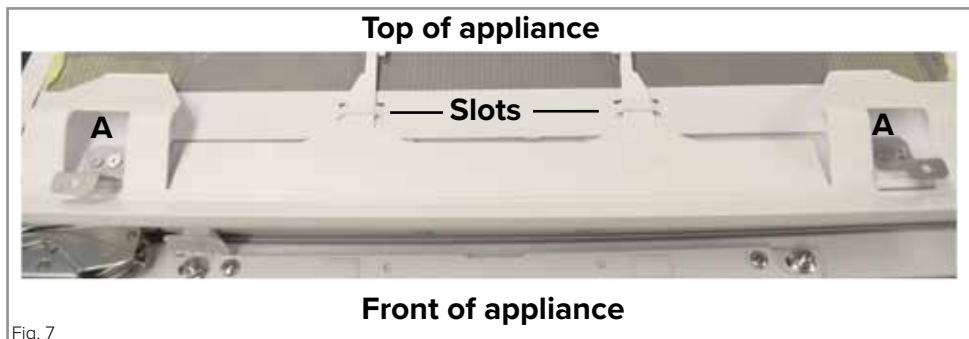


2. Fit the top fixing brackets:

Secure the two metal fixing brackets to the top of the product using two screws for each bracket (marked as '**A**' in Fig. 7).

3. Fit the front trim:

The front trim (see page 16) fits to the top of the unit by hooking into **slots** on the top edge of the product (Fig. 7). The trim piece should be fitted loosely at this stage to allow access to the top fixing brackets.



4. Fit the magnetic seal strips:

Two magnetic seals are supplied to fill the gap between the cabinet and the edge of the products. These simply fit against the left and right edges of the fridge chassis. To make it easier, it is useful to apply a little sticky tape to the top and bottom of each strip to prevent curling. Note that the seal may need to be cut to length.

5. Fit the width spacers:

For cabinets with 15mm thickness sides a small spacer is required to be fit. The spacer is shown in Fig. 9 and marked as '**S**'. This ensures perfect alignment when installed. There are four spacers, two for the top hinges and two for the bottom hinges; these simply push into position on each hinge. **Ensure the holes on the spacers are level with the hinge holes, as per Fig. 9.**

6. Fit the hinge alignment guides (i.e. Gasket protection pieces):

The gasket protection pieces double up as guides to ensure that the product is at the required depth in the cabinet when installed. Fit one to the top hinge and one to the bottom hinge. An example of this on the top hinge is shown in Fig. 8 (marked as '**G**'). **Please note that these are the opposite way around to how they were originally fitted to the door edge in Step 1. It is easier to fit these with the fridge and freezer doors open.**

Spacer 'S**' is fitted on the cabinet side of the hinge plate and guide '**G**' is fitted on the fridge door side of the hinge plate. This is so that the appliance doors can be opened once the product has been secured to the cabinet and the guides removed.**



Fig. 8

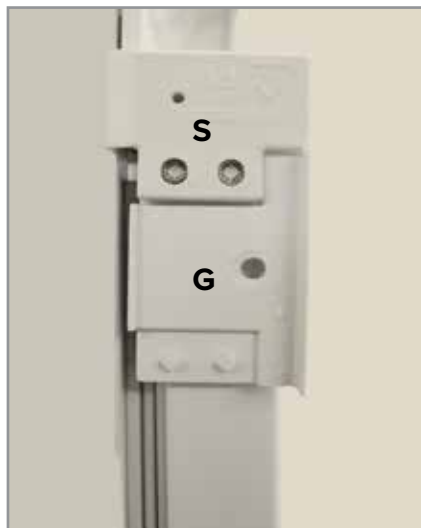


Fig. 9

7. Sit the appliance in the housing:

Lift the appliance onto the supporting shelf (ensure ventilation requirements have been met) and push the unit in until it is stable. We recommend that you seek the help of another individual when handling this product.

8. Fit the middle cabinet fixing bracket:

A sliding bracket is provided to secure the non-hinged side of the product to the cabinet. This is fitted to the middle of the product using two machine screws. A guide piece is also provided to ensure the unit is aligned when installed. Fit the bracket and guide, as shown in Fig. 10 on page 22 but do not tighten the securing screws. This allows the bracket to slide left and right for adjustment purposes.



9. Position the product in the housing:

The product can now be pushed into the housing unit, ensuring that the two guide pieces are fitted in the hinges and the guide is fitted to the middle fixing bracket. When the guides (on both sides) are flush against the front face of the cabinet sides the product is at the correct depth in the unit.

At this stage ensure that the product is centrally aligned within the housing and then remove the guide pieces ('G' in Figs. 8 and 9) from the hinges. Do this by opening the appliance doors and removing them. Check too that the magnetic seal strips are still in place. Now is the time to correct them if not.

10. Secure the product to the housing:

Secure the product to the housing at the hinge side by using two screws in each hinge. Use the screws (8 are supplied in a polythene bag) pictured in Fig. 11. The fixing holes in each hinge are shown in figure 12 (with screws in place).



Fig. 11



Fig. 12

11. Secure the middle fixing bracket:

With the guide piece in place slide the lower bracket against the housing unit and tighten the two screws to lock the bracket in position (use a good quality screwdriver of the correct size for this). When done, secure the bracket to the cabinet side wall with a single screw, then snap off the lipped part of the guide piece and fit the bracket cover trim (Fig. 13).



Fig. 13

12. Secure the product to the top shelf:

Finally, secure the product to the top of the cabinet or support shelf using the fixing brackets ('A' fitted in step 2). When done, push the front trim cover (pictured on page 16) into position to cover the top fixing brackets and any gaps.

Fitting the cabinet decor doors

Fit the upper decor door first by following the steps below.

- 1.Remove the door trims from the top of both appliance doors ('T' in Fig. 14). With the upper door, take care not to disturb or damage the magnet ('M' in Fig. 14) when removing the trim. Set the trims aside for later and re-fit these once installation is complete.
- 2.Take the decor door guides (pictured in Fig. 15) out of their positions. Turn them around and reinsert them into the grooves as pictured in Fig. 16. The notches will act as gauges for the next step.
- 3.With the fridge door closed, and using the fitting guides, adjust the guides to the required position with respect to the cabinet (Fig. 17).
- 4.Without moving the fitting guides, remove the upper fixing plate from the door by removing the fixing plate securing screws (circled in Fig. 18).

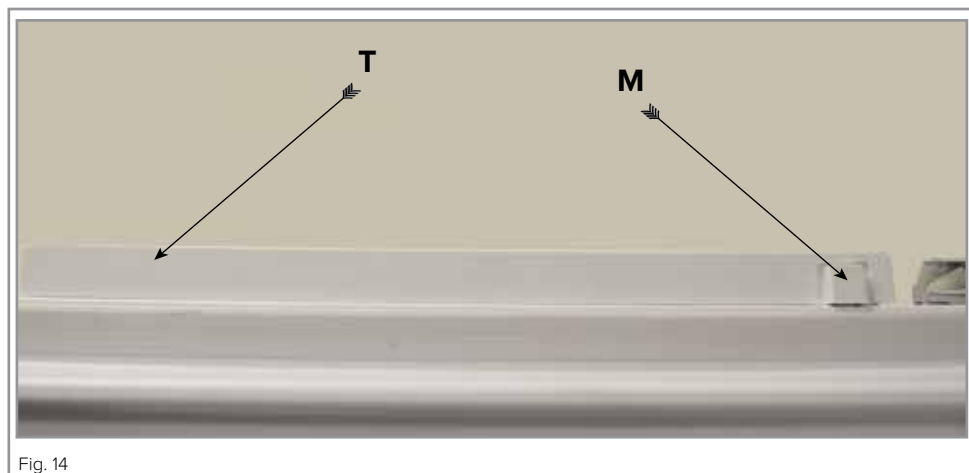


Fig. 14



Fig. 15



Fig. 16



Fig. 17



Fig. 18

5. Place the decor door face-down on a protective cloth or similar and position the fixing plate centrally in its required position. *Measuring and drawing a centre line with pencil can help here, depending upon where you want the decor door to sit. If you want an offset for example, then you have to factor this in to your measurements.* Align the holes in the centre of the fixing plate with the centre line, using the guides to help you (Fig. 19). Secure the plate in position using wood screws of appropriate length. **Please take care to ensure the screws selected will not punch through the decor door.**

6. Remove the fitting guides. Also, if you haven't already done so, remove the hinge alignment guides ('G' in Figs. 8 and 9 on page 21) by opening the fridge and freezer doors and removing them.

7. With the help of another person, attach the decor door assembly to the refrigerator and loosely fit the securing screws (circled in Fig. 18). At this stage the final vertical and horizontal position of the decor assembly may need adjustment (page 28).

8. Check and align the position of the decor door, as shown in the next section. When done, secure the decor in position using the lower decor fixing brackets and supplied screws (figure 20).

Repeat these steps with the lower decor door. However, instead of using the top of the cabinet to align the fitting guides as in Fig. 17, use the bottom of the upper decor door.



Fig. 19

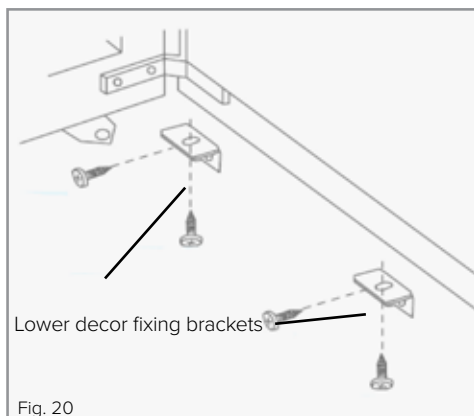


Fig. 20



Fig. 21

Please note: When fitting the vertical screws into the decor door through the lower decor fixing brackets, use the large dome headed screws supplied in a polythene bag which also contains the white cover caps.

When the decor doors are in the desired positions, use the white trims pictured on the far right of the installation kit image on page 16 to hide any visible kit parts between the decor and appliance doors (as per Fig. 21).

Adjusting the decor doors

The position of the decor doors can be adjusted on all 3 axis by following the guide below. If the range of adjustment detailed below is not enough then the refrigerator is likely not located correctly in the cabinet and/or the upper decor fixing plates are incorrectly positioned. **We recommend another person holds the decor door during these steps.**

Horizontal Adjustment (Y):

1. Loosen the upper fixing plate nuts using a 10mm spanner ('Y' in Fig 21). These are on both sides of the fixing plate.
2. Slide the decor door and/or fixing plate left or right as required; this gives approximately 5mm of adjustment.
3. Tighten the fixing nuts to lock the decor door in position.

Vertical Adjustment (X):

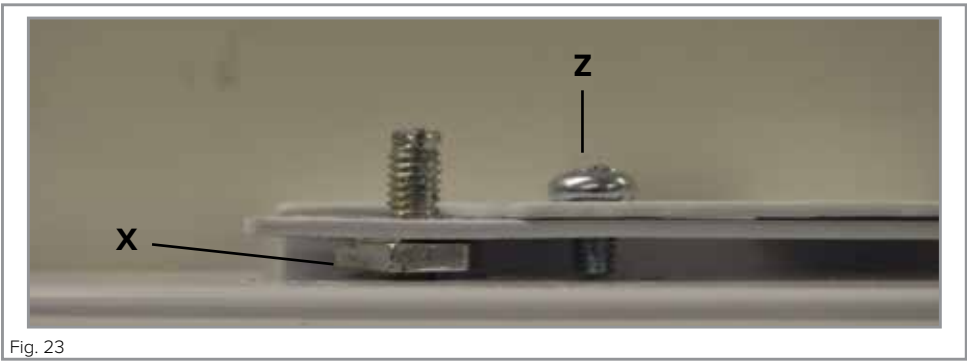
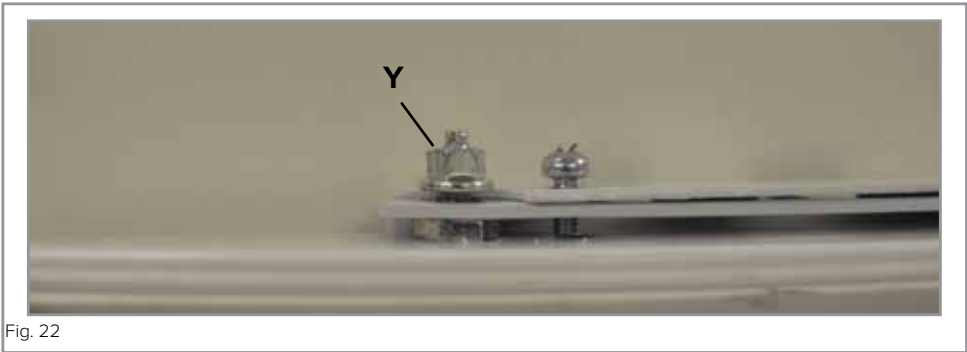
To adjust the vertical position of the door, use a 10mm to remove the nut 'Y' in Fig. 22. Then, get the person helping you to lift the decor door slightly to allow access for the spanner. Next, use a 14mm spanner to turn the vertical adjustment nut marked 'X' in Fig. 23 to the correct height.

Depth Adjustment (Z):

Ensure that the vertical and horizontal positions are correct before adjusting the depth.

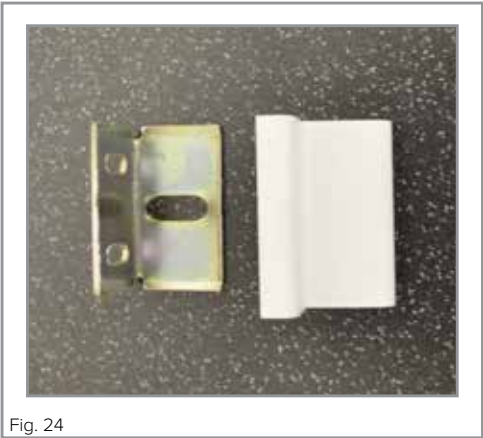
1. Loosen the depth adjustment screw (Z in Fig. 23).

2. Move the decor door in or out, as required; this gives an adjustment of approximately 3mm. The lower decor brackets are slotted to allow alignment of the decor at the bottom.



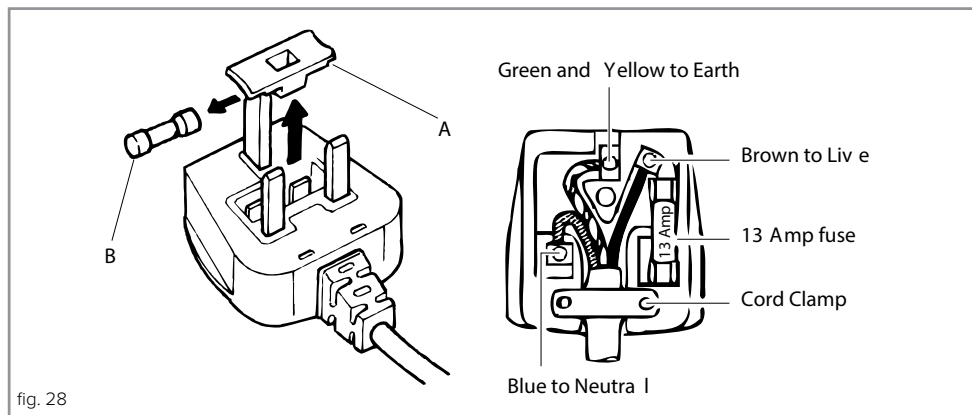
3. When you are happy with the position of the decor door and all lower decor bracket screws are tight, fit the lower decor bracket trims (Fig. 24).

Fill any unwanted screw holes with the remaining cover caps in one of the polythene bags and refit any remaining trims.



Electrical information

Warning! This appliance must be earthed.



The mains lead of this appliance has been fitted with a BS 1363A 13 amp 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 the letter (E) or by the Earth symbol  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 after installation.



For service or queries relating to your product please contact:

The Customer Care Department on **01949 862 012** or email customer.care@cda.eu

For more information please contact:

The Sales Department on **01949 862 010** or email sales@cda.eu

Customer Care Department. The CDA Group Ltd, Harby Road, Langar, Nottinghamshire, NG13 9HY
T: 01949 862 012 **F:** 01949 862 003 **E:** customer.care@cda.eu