

CRI681

Integrated freezer

Installation, use and maintenance

Important

The manufacturer cannot be held responsible for injuries or losses caused by incorrect use or installation of this product. Please note that we 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.

This appliance is intended for use as a built-in appliance.

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC 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 etc. to reduce 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 safety warnings

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is intended to be used in household and similar applications such as:
 1. Staff kitchen areas in shops, offices and other working environments
 2. Farm houses and by clients in hotels, motels and other residential type environments
 3. Bed and breakfast type environments
 4. Catering and similar non-retail applications
- The manufacturer reserves the right to introduce changes which do not affect the operation of the appliance.
- Some provisions in this user manual are unified for refrigerating products of different types (for a refrigerator, refrigerator-freezer or freezer)
- The Manufacturer shall not be held liable for damage arising from the failure to observe the instructions contained in this manual.
- Keep this manual for future reference, or to pass it over to the next user.
- This appliance is not intended for use by persons (including children) with limited physical or mental capabilities and persons who lack experience or familiarity with the appliance.
- Do not allow children to use the appliance. Do not allow them to play with the appliance. They must not climb inside the drawers and swing on the doors.
- The appliance operates properly at the ambient temperature (see product fiche). Do not use it in the cellar, unheated summer cottage during autumn and winter.

- When placing, moving, lifting the appliance, do not hold the door handles, do not pull the condenser at the rear part of the freezer and do not touch the compressor unit.
- When transporting, moving or positioning the freezer do not tilt it by more than 40° from the vertical position. Should such a situation occur, the appliance should be switched on after minimum 2 hours from its replacement in the right position.
- Pull the plug out from the mains socket before each maintenance activity. Do not pull on the cord, but hold the body of the plug instead.
- The “cracking” sound, which the appliance may emit is caused by the expansion and contraction of parts as a result of temperature variations.
- For safety reasons do not repair the appliance yourself. Repairs carried out by persons who do not have the required qualifications may result in serious danger for the user of the appliance.
- Air the room in which the appliance is placed for a few minutes (the size of the room for a product containing isobutane/R600a must be at least 4m³) to avoid damage to the cooling system.
- Do not refreeze partly thawed products.
- Do not store beverages in bottles and cans, especially carbonated beverages, in the freezer chamber. The cans and the bottles may explode.
- Do not put frozen products, taken out directly from the freezer (lollies, ice cubes, etc.) into your mouth, their low temperature may cause severe frostbite.
- Make sure you do not damage the cooling system, by puncturing the refrigerant pipes in the evaporator or breaking the pipes. The refrigerant is flammable. If the refrigerant makes contact with the

eyes, rinse them with clean water and call for medical assistance immediately.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similar qualified persons in order to avoid a hazard.
- This appliance is intended for food storage, do not use it for other purposes.
- When performing activities, such as cleaning, maintenance or moving, the appliance must be completely disconnected from power supply (by pulling the plug out from the socket)
- This appliance can be used by children aged 8 years and older or by persons with physical, mental or sensory handicaps, or by those who are inexperienced or unfamiliar with the appliance, provided they are supervised or have been instructed how to safely use the appliance and are familiar with risks associated with the use of the appliance. Ensure that children do not play with the appliance. Cleaning and maintenance of the appliance should not be performed by children unless they are 8 years or older and are supervised by a competent person.
- If the socket does not match the freezer plug, it must be replaced by the manufacturer, its service agent or similar qualified persons in order to avoid a hazard.
- In order to obtain more space in the freezer, you can remove the drawers and place the food directly on the shelves. This has no effect on the product mechanical properties and cooling performance. Declared freezer capacity was calculated with the drawers removed.
- This appliance is not intended for use at altitudes exceeding 2000m.

- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

To avoid contamination of food, please respect the following instructions:

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the freezer, so that it is not in contact with or drip onto other food.
- Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes
- One-, two- and three-star compartments are not suitable for the freezing of fresh food

Note: please store different foods according to the compartments or target storage temperature of your purchased products.

- If the appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- Water dispenser cleaning (special for water dispenser products): Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.
- Pursuant to Commission Regulation (EU) 2019/2019, the minimum availability period for spare parts necessary to repair the appliance is 7-10 years depending on the type and purpose of the spare part.

- The list of spare parts and the ordering procedure are available on the websites of the manufacturer, importer or an authorized representative.
- For more information about the product, please refer to the EU EPREL Product Database at <https://eprel.ec.europa.eu>. For more information, please use your mobile device to scan the QR code on the energy label or enter the product model listed on the energy label in the EPREL search engine <https://eprel.ec.europa.eu/>

WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.

WARNING: Do not damage the refrigerant circuit.

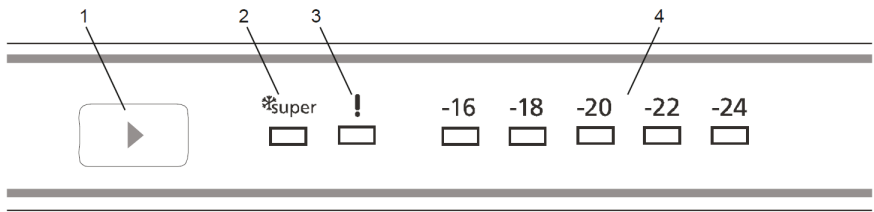
WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

WARNING: Risk of fire / flammable materials

Controls



- 1 Fridge temperature set button
- 2 Super freeze symbol (Super freeze LED)
- 3 Alarm symbol (Alarm LED)
- 4 Freezer adjusted temperature indicator

Adjusting the temperature

The initial temperature of the setting display is -18 °C, this can be adjusted using the following steps.

- Press freezer setting button once.
- Every time you press the button, the setting temperature will decrease. (-16 °C, -18 °C, -20 °C,.. super freezing)
- If you press freezer setting button until super freezer symbol is displayed on freezer.
- Settings display and you do not press any button within the following 3 seconds, super freezing will blink.
- If you keep on pressing, it will restart from last value.

When to adjust	Inner temperature
For minimum freezing capacity	-16OC, -18OC
In normal usage	-18OC, -20OC, -22OC
For maximum freezing capacity	-24OC

Alarm symbol (Alarm LED)

In case of a problem within the freezer, the alarm led will release red light.

Super freeze mode

The super cooling mode can be used to freeze huge quantities of food, freeze food quickly and store seasonal food for a long time.

- Press temperature set button until super freezing light comes on.
- Super freezing led will light during this mode.
- Maximum amount of fresh food (in kilograms) to be frozen within 24 hours is shown on the appliance label.
- For optimal appliance performance in maximum freezer capacity, set the appliance to active super freeze mode 24 hours before you put the fresh food into the freezer.

If you press temperature set button, the mode will be cancelled and the setting will be restored from -16. The super freeze mode will be cancel automatically after 54 hours depending on the environmental temperature or when the freezer sensor reaches a sufficiently low temperature.

Using the stand-by mode

In stand-by mode; all components will be disabled. If the button is pushed while in stand-by mode, all leds will blink three times to show standby mode is active.

To activate the stand-by mode, set the value to “-16” and push the set button until all leds are blink three times.

To deactivate the stand-by mode, push and hold set button until display returns to normal working. After the mode is deactivated, the “Alarm LED” may light on the display because the product may be hot. The “Alarm LED” will turn off when the product reaches normal temperature.

Temperature adjustment warnings

- It is not recommended that you operate your freezer in environments colder than 10°C in terms of its efficiency.
- Do not start another adjustment while you are already making an adjustment.
- Temperature adjustments should be made according to the frequency of door openings, the quantity of food kept inside the freezer and the ambient temperature in the location of your freezer.
- In order to allow your freezer to reach the operating temperature after being connected to mains, do not open the door frequently or place large quantities of food in the freezer. Please note that, depending on the ambient temperature, it may take 24 hours for your freezer to reach the operating temperature.
- A 5 minute delay function is applied to prevent damage to the compressor of your freezer when connecting or disconnecting to mains, or when an energy breakdown occurs. Your freezer will begin to operate normally after 5 minutes.

Storage

The products should be placed on plates, in containers or packed in food wrap. Distribute them evenly over the shelves.

- If the food contacts the rear wall, it may cause frosting or wetting of the products.
- Do not put dishes with hot food into the freezer.
- Products which absorb flavours easily such as butter, milk, white cheese and products with intense flavour, such as fish, smoked meat, hard cheese must be placed on shelves, packed in food wrap or in tightly sealed containers.
- Excessive moisture shortens the shelf life of vegetables, especially the leafed vegetables.
- It is acceptable to place products beyond the natural loading capacity by 20-30 mm.
- Stacking of products on the freezer shelves is acceptable.

Freezing food

- Practically all the food products, except for vegetables consumed raw, such as lettuce can be frozen.
- Only food products of the highest quality, divided into small portions for single use, should be frozen.
- Products should be packed in materials that are odourless, resistant to air and moisture penetration, and not susceptible to fat. Plastic bags, polyethylene and aluminium sheets are the best wrapping materials.
- The packaging should be tight and should stick to the frozen products. Do not use glass containers.
- Keep fresh and warm foodstuff at ambient temperature away from the products, which have already been frozen.

- We advise you not to place more of fresh food at a time to the freezer per day (see table with technical specification).
- In order to maintain optimum quality of the frozen food, reorganise the food that is in the middle of the freezer, so that it does not touch the products that are not yet frozen.
- It is recommended that you move the already frozen products to one side and place the fresh products that are to be frozen on the opposite side, as close to the rear and side walls as possible.
- For freezing products, use space marked 
- Bear in mind that the temperature in the freezer is affected by several factors, including the ambient temperature and the quantity of food products in the chamber, the frequency of opening the door, the amount of frost in the freezer, and the thermostat setting.
- If you cannot open the freezer door immediately after closing it, allow 1-2 minutes for the negative pressure to compensate, and try again to open the door.

The storage time for frozen products depends on their quality before freezing when fresh, and on the storage temperature. The following storage periods are recommended when the temperature of -18°C or lower is maintained

Products	Months
Beef	6-8
Veal	3-6
Giblets	1-2
Pork	3-6
Poultry	6-8
Eggs	3-6
Fish	3-6
Vegetables	10-12
Fruit	10-12

Do not store frozen food in rapid cooling chamber. Ice cubes can be prepared and stored in this chamber.

Practical everyday tips

- Do not place freezer next to radiators, heaters, stoves or in direct sunlight.
- Make sure that air vents are not covered up and clean the dust off them once or twice a year.
- Select the right temperature: -18°C in your freezer is sufficient.
- Only open your freezer when necessary. It helps if you know what food each contains and where it is located. Return food to the freezer as soon as possible after you have used it so that it does not warm up too much.
- Wipe the inside of your freezer regularly with a cloth soaked in a mild detergent. Appliances which are not self-defrosting will require regular defrosting. Do not allow frost layers thicker than 10 mm to form.
- Keep the seal around the door clean, otherwise it will not shut properly.
- Always replace broken seals.

Due to the natural circulation of the air in the appliance, there are different temperature zones in the freezer. The coldest area is directly above the vegetables drawers. Use this area for all delicate highly perishable food e.g.:

- Fish, meat, poultry, sausage products, ready meals
- Dishes or baked goods containing eggs or cream
- Fresh dough, cake mixtures

Pre-packed vegetable and other fresh food with a label stating it should be kept at a temperature of approx 4°C.

- Optimal temperature and storage conditions will extend product shelf life and optimize electricity consumption.
- Optimal storage temperature range should be stated on the food product packaging.

Understanding the stars



Temperature is at least -6°C; sufficient to store frozen food for about a week. Drawers or compartments marked with one star used to be a feature of (mostly) cheaper fridges.



Food can be stored at -12°C or below for 1-2 weeks without losing its taste. Not suitable for freezing food.



This rating is mainly used to store foods at -18°C or below. Can also be used to freeze up to 1 kilogram of fresh food.



This appliance is suitable for storing foods at -18°C or below and freezing larger quantities of fresh foods.

Recommended storage

Compartment type	Target storage temp. [°C]	Appropriate food
Fridge	+2≤+8	Eggs, cooked food, packaged food, fruits and vegetables, dairy products, cakes, drinks and other foods are not suitable for freezing.
Freezer 	≤-18	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), suitable for frozen fresh food.
Freezer 	≤-18	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), are not suitable for frozen fresh food.
Freezer 	≤-12	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 2 months, the longer the storage time, the worse the taste and nutrition), are not suitable for frozen fresh food
Freezer 	≤-6	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 1 months, the longer the storage time, the worse the taste and nutrition), are not suitable for frozen fresh food.
0- star compartment	-6≤0	Fresh pork, beef, fish, chicken, some packaged processed foods, etc. (Recommended to eat within the same day, preferably no more than 3 days). Partially encapsulated processed foods (non-freezable foods)
Chill	2≤+3	Fresh/frozen pork, beef, chicken, freshwater aquatic products, etc.(7 days below 0°C and above 0°C is recommended for consumption within that day, preferably no more than 2 days). Seafood (less than 0 for 15 days, it is not recommended to store above 0°C)
Fresh food	0≤+4	Fresh pork, beef, fish, chicken, cooked food etc. (Recommended to eat within the same day, preferably no more than 3 days)
Wine	+5≤+20	Red wine, white wine, sparkling wine etc.

Care and cleaning

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

Never clean the product's casing or plastic parts using solvents or strong, abrasive detergents (e.g. washing powders or creams)! Use mild liquid detergents and soft cloths only. Do not use sponges. External surfaces made of plastic should be cleaned with a microfiber cloth, otherwise irreversible micro scratches will appear.

Defrosting the freezer

- Switch of the appliance using the control panel and pull the plug out from the socket.
- Open the door and remove the food from the freezer.
- Depending on the model, pull out the drainage tube located in the bottom of the freezer compartment and place a suitable vessel underneath.
- Leave the door open, this will speed up the defrost process. Additionally, a pot with hot water (not boiling) may be placed inside the freezer compartment.
- Wash the interior of the freezer and wipe it dry.
- Switch on the appliance as per the relevant point in the manual.

Defrosting the freezer chambers

- Switch of the appliance using the control panel and pull the plug out from the socket.
- Open the door and remove the food from the freezer.
- Depending on the model, pull out the drainage tube located in the

bottom of the freezer compartment and place a suitable vessel underneath.

- Leave the door open, this will speed up the defrost process. Additionally, a pot with hot water (not boiling) may be placed inside the freezer compartment.
- Wash the interior of the freezer and wipe it dry.
- Switch on the appliance as per the relevant point in the manual.

Washing the freezer

It is recommended to wash the freezer chambers at least once a year. This prevents the formation of bacteria and bad odours. Switch off the appliance, remove the food from the chambers and wash them using water with a mild detergent. Then, wipe the chambers dry with a cloth.

WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

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.

CDA Customer Care

Phone: 01949 862 012

Email: customer.care@cda.co.uk

Certain sounds can be heard during normal use of the refrigerator, which do not affect its correct operation.

Sounds, which can be easily prevented:

- Noise caused by the appliance which is not level - adjust the position with the adjustable turn-in front feet. Alternatively, place pads made of soft material under the rear rollers, especially when the appliance is placed on tiles.
- Touching the adjacent piece of furniture - move the refrigerator away.
- Creaking of the drawers or shelves - take out and put back the drawer or shelf.
- Sounds of clinking bottles - move bottles apart.

Sounds heard during normal use are mainly due to operation of the thermostat, compressor (switching on) and cooling system (thermal expansion and contraction of the radiator caused by flow of the cooling agent).

Issue	Possible cause	Remedies
The appliance does not work	The electric circuit is disrupted	• Check whether the plug is properly inserted into the socket • Check whether the power cable of the appliance is not damaged • Check whether there is voltage in the socket, by plugging another appliance, e.g. a night lamp • Check whether the appliance is switched on by setting the thermostat to a position above 0
The lighting inside the chamber does not work	The bulb is loose or fused (only appliances with bulb lighting type)	• Fit the bulb correctly or replace it
The appliance works continuously	Incorrect setting of the adjustment knob	• Reset the knob to a lower position
	See. "Temperature inside the appliance is not low enough for description of other possible causes"	• See. "Temperature inside the appliance is not low enough for description of other possible remedies"
Water collects in the lower part of the appliance	The water discharge opening is clogged (depending on the model)	• The water discharge opening is clogged (depending on the model)
	Internal air circulation obstructed	• Place the food and containers in such a way as that they do not touch the rear wall of the fridge
The appliance generates unusual noise	Incorrect levelling of the appliance	• Level the appliance properly
	The appliance is touching furniture and/ or other objects	• Place the appliance at a location that ensures proper clearances around it

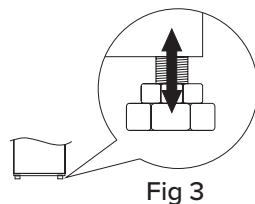
Issue	Possible cause	Remedies
Temperature inside the appliance is not low enough or too high	Incorrect setting of the adjustment knob	Reset the knob to a higher position
	The ambient temperature is higher or lower than the climate range from table with technical specification	The appliance is adapted to operation in the climate range from table with technical specification
	The appliance is located in a sunlit place or near heat sources	Move the appliance to another place. Observe the guidelines contained in the manual
	Too much warm food loaded at a time	Wait 72 hours until the food becomes cool (freezes) and the required temperature is reached inside the chamber
	Internal air circulation obstructed	Place the food and containers in such a way that they do not touch the rear wall of the fridge
	The air circulation at the back of the appliance is obstructed	Move the appliance min. 30 mm away from the wall
	The door of the appliance is opened too often and/or remains open for too long	Reduce the frequency of opening the door and/or shorten the time when door remains open
	The door does not close completely	Place the food and containers so that they would not interfere with door closed
	The compressor is switched on too rarely	Check whether the ambient temperature is not lower than climate class
	Door gasket inserted incorrectly	Press the gasket in

Installation

This refrigeration appliance is intended for use as a built-in appliance. This appliance is designed to work in difficult climate conditions (up to 43°C or 110°F) and is powered with 'Freezer Shield' technology which ensures it will not defrost even if the ambient temperature falls as low as -15 °C. This appliance may be installed in an unheated room without the worry of frozen food being spoilt. When the ambient temperature returns to normal, normal use may resume.

Installation before using the appliance for the first time

- Take the product out of the package, remove the scotch tape protecting the door and the equipment. Any remaining adhesive stains may be removed with a mild washing agent.
- Do not throw away the polystyrene elements of the packaging. If it is necessary to transport the freezer, pack it in the polystyrene elements and film as well as protect ing it with scotch tape
- Clean the interior surface of the freezer and the elements of the equipment with a washing agent dissolved in lukewarm water, then wipe it dry.
- Place the freezer on an even, flat and stable surface, in dry, aired and shaded room, far from the heat sources such as: oven, hob, central heating radiators, central heating pipes, hot water installation, etc.
- On the exterior surface of the product may be a protective foil, this foils should be removed.
- Make sure the appliance is placed in a horizontal position by screwing in the 2 adjustable front legs (fig. 3)



- To ensure that the door opens freely, the distance between the side of the appliance (on door hinges side) and the wall is clear.
- Ensure adequate ventilation of the room and free air circulation from all sides of the appliance.

WARNING: Keep ventilation openings, in the appliance enclosure or in the built - in structure, clear of obstruction

Minimum distances from the heat sources

- from the electric gas and other ovens - 30 mm
- from oil or coal fired ovens - 300 mm
- from built-in ovens - 50 mm

If there is no possibility of ensuring the above-mentioned distances, provide an appropriate insulation board.

Warning:

- The rear wall of the freezer, in particular, the condenser and other elements of the cooling system must not contact other elements, which may damage them, (e.g. central heating pipes and the water supply pipes).
- It is forbidden to readjust or modify any parts of the unit. It is crucial not to damage the capillary tube visible in the compressor recess. The tube may not be bent, straightened or wound.
- If the capillary tube is damaged by the user the guarantee will be void (fig. 4)
- In some models the handle is put into the appliance, this should be attached with a screwdriver.

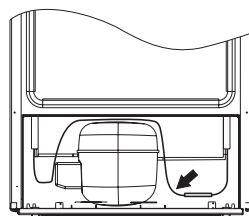
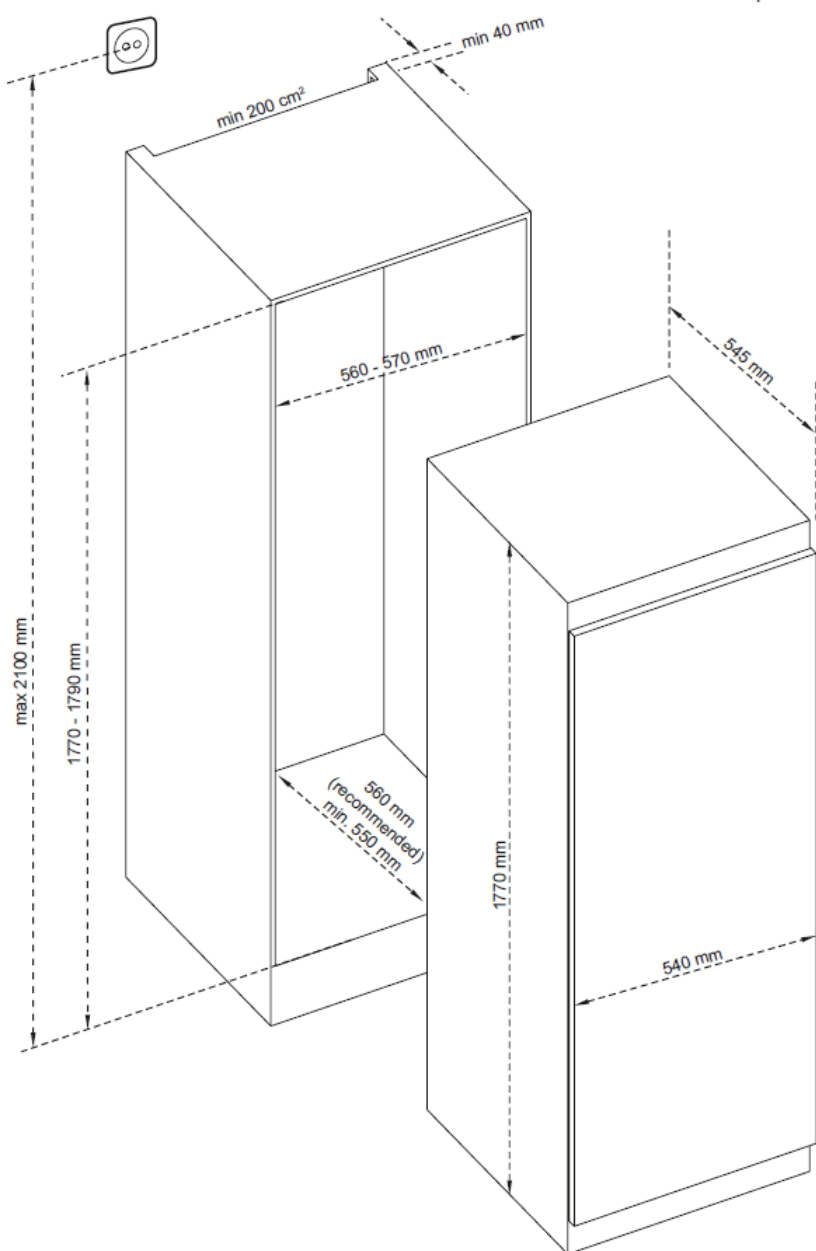


Fig 4

* 1770 - 1778 for metal top cover



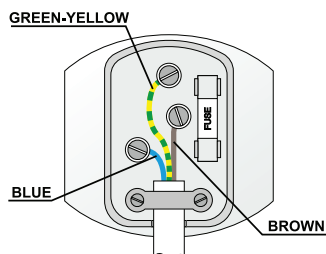
Mains connection

Prior to connection, it is recommended to set the temperature control knob to an “OFF” or other position that disconnects the appliance from the power supply (See page with the control description).

- This appliance should be connected to AC 220-240V 50Hz supply socket. The socket must be fitted properly, and must be supplied with an earthing conduit and a 10A fuse.
- It is a legal requirement that the appliance is properly earthed. The manufacturer will not be held liable for any damage or injury which may result from the failure to fulfil this requirement.
- Do not use adapters, multiple sockets and two-wire extension leads. If it is necessary to use the extension lead, it must be equipped with a protection ring and a single socket and must have a VDE/GS safety certificate.
- If an extension lead is used (with a protection ring and safety certificate), its socket must be located at a safe distance, away from the sinks, and must not be in a place where it could be flooded by water or waste water.
- See the type plate at the lower part of the internal wall of the appliance for detailed specifications**.

Disconnecting the mains

Make sure the appliance can be easily disconnected from the mains, either by pulling the plug out of the mains socket, or by switching the two-pole switch off.



Notes

Notes



For service or queries relating to your product please contact:

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

For more information please contact:

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

Customer Care Department. The CDA Group Ltd, Harby Road, Langar, Nottinghamshire, NG13 9HY
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