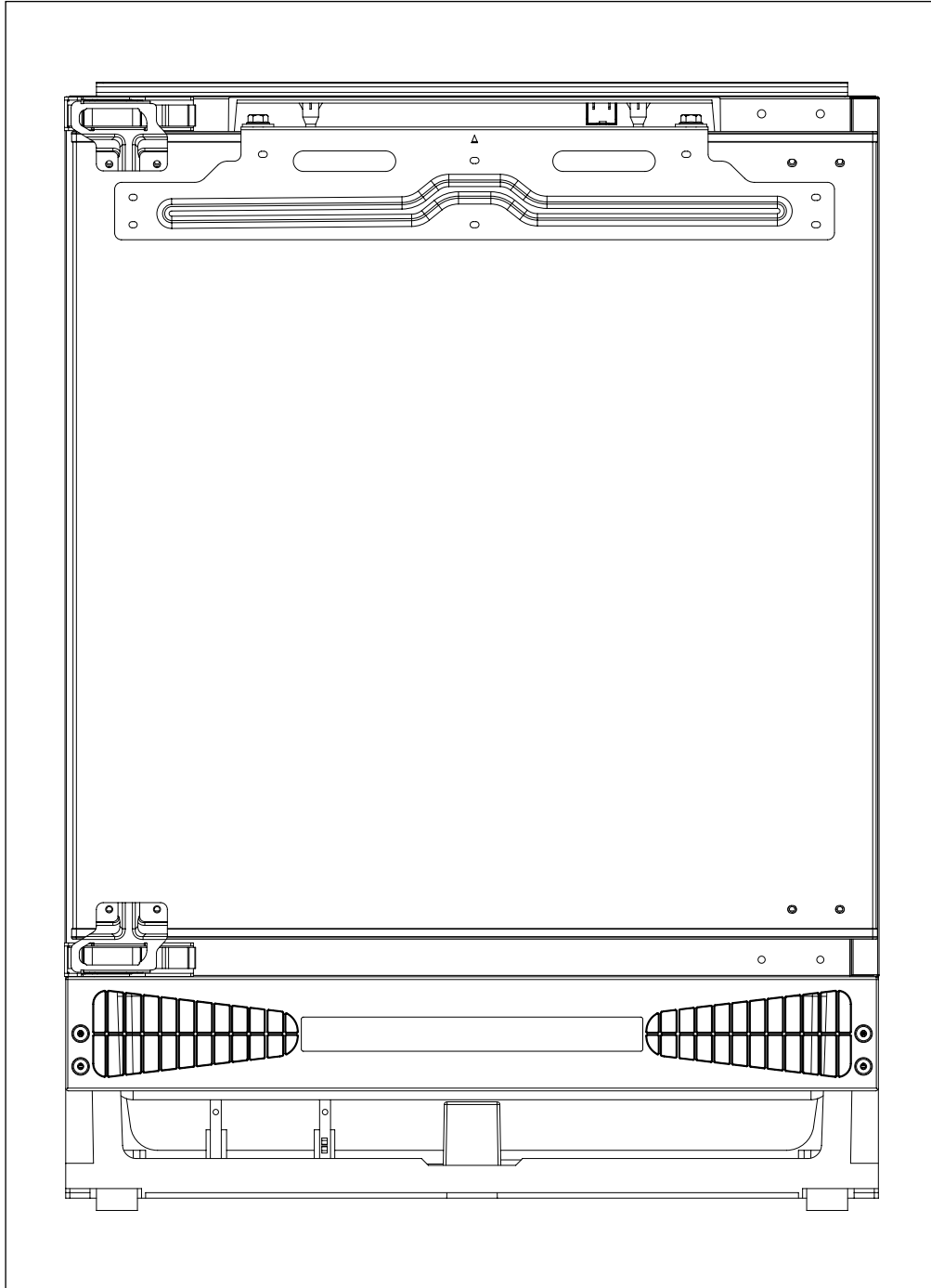




Integrated Undercounter Freezer 95L Capacity, Reversible Door



Models: DH456

Thank you for purchasing a Dellonda product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

Important Information

Please read these instructions carefully. Note the safe operational requirements, warnings & cautions. Use the product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage and/or personal injury and will invalidate the warranty. Keep these instructions safe for future use.



Refer to
instructions



Indoor use
only



Warning:
flammable
material

• ELECTRICAL SAFETY

- Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Baridi recommend that an RCD (Residual Current Device) is used with all electrical products.
- **WARNING!** When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Electrical safety information: It is important that the following information is read and understood.
- Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- **IMPORTANT:** Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.
- **DO NOT** pull or carry the appliance by the power cable.
- **DO NOT** pull the plug from the socket by the cable.
- **DO NOT** use worn or damaged cables, plugs or connectors.
- Ensure that any faulty item is repaired or replaced immediately by a Dellonda or a qualified electrician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use. Supply cord must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Ensure that repairs are carried out by a qualified electrician.
- **DO NOT** designed to be used with an inverter.
- **DO NOT** use with an extension cord.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

• FIRE HAZARD WARNING

- The "Risk of Fire" symbol warns that improper use or certain conditions, like blocking vents, using flammable materials, or overloading circuits, may cause a fire hazard.

• GENERAL SAFETY

- Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload refrigeration appliances.
- Children shall **NOT** play with the appliance.
- Cleaning and user maintenance on the appliance shall not be made by children without supervision.
- The appliance shall be disconnected from its power source during service and when replacing parts and, if that the removal of the plug is foreseen, it shall be clearly indicated that the removal of the plug has to be such that an operator can check from any of the points to which he has access that the plug remains removed.
- **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:
 - – Staff kitchen areas in shops, offices and other working environments
 - – Farm houses and by clients in hotels, motels and other residential type environments
 - – Bed and breakfast type environments
 - – Catering and similar non-retail applications.
- 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.
 - – Regularly clean surfaces that can come in contact with food and accessible drainage systems.
 - – Store raw meat and fish in suitable containers in the refrigerator, 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.
 - – If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- **WARNING!** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- **WARNING! DO NOT** use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- The appliance shall not be exposed to rain.
- **DO NOT** locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- **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.
- **DO NOT** use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- The freezer compartments are designed to store only frozen food.
- Never put hot foods in the freezer, allow food to cool fully before storing them in the freezer.
- Make sure food is clean and any extra water is wiped away before storing them in the freezer.

- Once food is thawed, it must not be refrozen unless it has been completely cooked.
- Bottled or canned drinks should not be stored in the freezer compartments 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.

• LOCK & CHILD SAFETY INSTRUCTIONS

- The freezer does not have a lock, take extra care to ensure children cannot access it unsupervised. When disposing of an old freezer, remove or disable the door to prevent the risk of entrapment.
- This is a critical safety precaution to ensure children cannot become trapped inside the unit.
- **IMPORTANT:** These steps are essential to prevent serious injury or suffocation risks. Always follow safety guidelines when installing, using, or discarding your appliance.

• REFRIGERANT & ENVIRONMENTAL SAFETY INFORMATION

- Environmentally friendly design.
- This appliance uses R600a refrigerant (freon-free) and cyclopentane as the foaming insulation material.
- Both substances are environmentally friendly:
- **DO NOT** damage the ozone layer.
- Have a very low impact on global warming.
- R600a Refrigerant – Flammability Warning.
- R600a is a flammable refrigerant, but it is safely sealed within the refrigeration system during normal operation.
- No leakage will occur under normal conditions.
- In Case of Refrigerant Leakage.
- If the refrigerant circuit becomes damaged and you suspect a gas leak:
- Immediately ventilate the room by opening windows and doors.
- Keep the appliance away from open flames, sparks, or heat sources.
- **DO NOT** operate any electrical switches or devices near the appliance.
- Contact a qualified technician for inspection and repair.
- **IMPORTANT:** Never attempt to repair a damaged refrigerant system yourself. Always consult trained service personnel.

Climate Range

This refrigeration appliance is intended to be used at ambient temperature ranging from 16°C to 38°C.

Important Notes:

- **Climate Class Considerations:**
- The ambient temperature range for which the appliance is designed is indicated by its climate class. However, factors such as the location of the appliance, the ambient room temperature, and the frequency of door openings can affect the internal temperature.
- Therefore, adjustments to the temperature control settings may be necessary to maintain optimal performance under varying conditions.
- **Operating Environment Warning**
- When the appliance is operated outside the specified climate class (i.e., beyond the rated ambient temperature range), it may not be able to maintain the desired internal compartment temperatures. This can affect the appliance's overall performance and efficiency.

• SPECIFICATION

Model NO:	DH456
Capacity:	95L
Climate Class:	SN / N / ST
Colour of Product:	White
Door Style:	Reversible
Energy Rating:	E
Foaming Gas:	Cyclopentane
Frequency:	50Hz
Internal Dimensions (W x D x H):	475 x 422 x 490mm
Nett Weight:	32kg
Noise Level:	35dB
Number of Shelves:	3
Plug Type:	3-Pin BS
Power Cable Length:	1.8m
Product Dimensions (W x D x H):	596 x 550 x 820/880mm
Rated current:	0.8A
Refrigerant:	R600a (52g)
Temperature Range:	-16 to -24°C
Type:	Integrated
Voltage:	230V
Volume:	95L

• FEATURES

1	Top Drawer
2	Middle Drawer
3	Bottom Drawer
4	Reversable Door

• INSTALLATION

- This appliance must not be installed near heat sources such as radiators, ovens, or cookers, and should not be placed in damp or humid environments.
- To ensure correct operation, the appliance must be level. The height-adjustable feet located at the front and rear of the appliance can be used to achieve proper alignment.
- The ventilation system at the bottom of the appliance must remain unobstructed at all times to allow adequate airflow.
- Fig.1 illustrates the installation requirements for this appliance. All measurements are shown in millimetres. Incorrect installation may lead to increased energy consumption, reduced appliance lifespan, and may invalidate the manufacturer's warranty.

• MOUNTING THE FASCIA DOOR

FITTING THE DECOR DOOR BRACKET (fig.3)

- Remove the white decorative cover (fig.2) by lifting it upwards.

Take the following measurements:

- **Dimension B:** Measure the distance from the underside of the kitchen unit to the bottom of the fixing bracket.
- **Dimension C:** Measure the distance from the underside of the kitchen unit to the top of the adjacent unit door.
- Unscrew and remove the nuts and washers from the top of the appliance door, then remove the fixing bracket.

INSTALLING THE DECOR DOOR BRACKET (fig.4)

- Subtract Dimension **C** from Dimension **B**. Using this measurement, position the fixing bracket (2) vertically on the rear of the decor door. Centre the bracket horizontally and secure it using screws (1).

ATTACHING THE DECOR DOOR (fig.5)

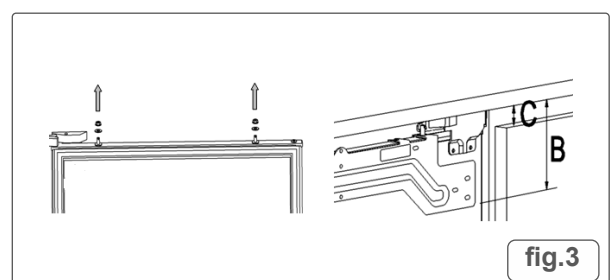
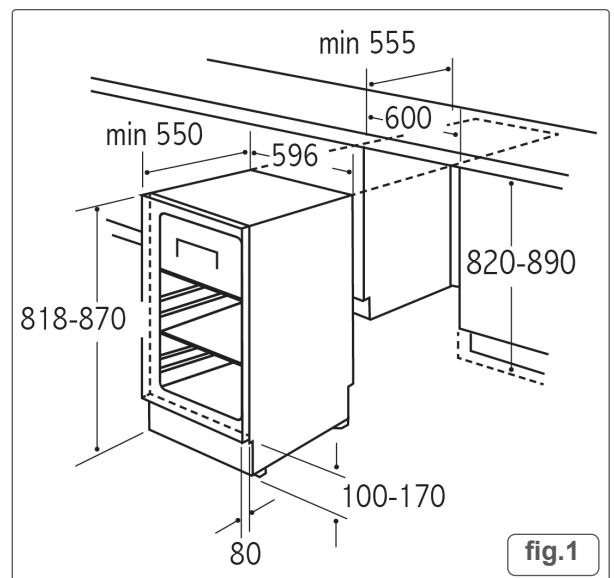
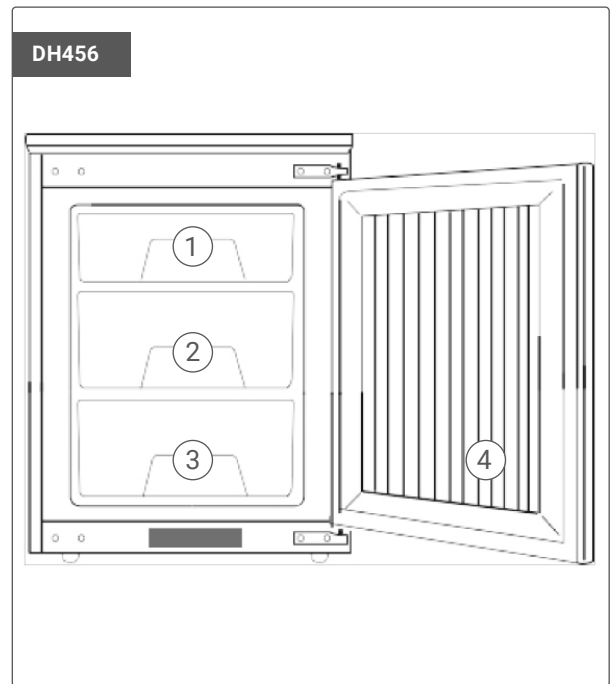
- Position the decor door onto the appliance door by inserting the adjustment bolts into the slots on the fixing bracket. Fit the washers and tighten the nuts onto the adjustment bolts.

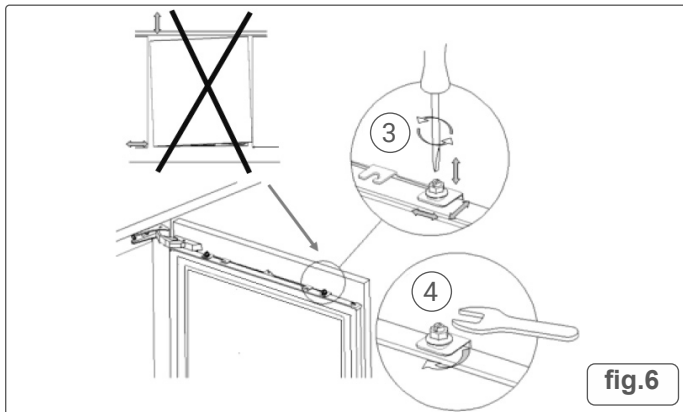
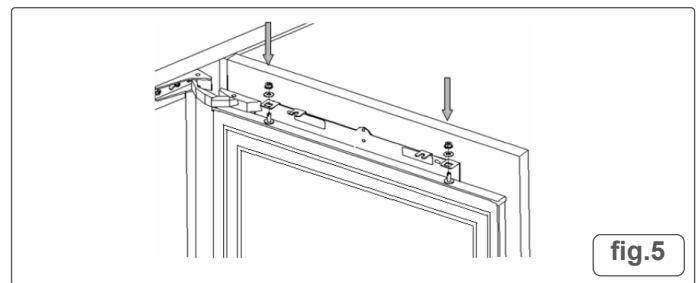
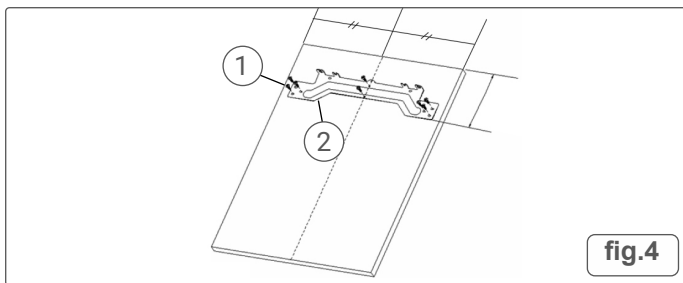
ALIGNING THE DECOR DOOR (fig.6)

- Close the door and check that it is aligned with the surrounding unit doors.
- Adjust the decor door as required by tightening or loosening the adjustment bolts (3) to move it vertically. For horizontal and lateral adjustment, use the slots in the fixing bracket.
- Once the door is correctly aligned, tighten the fixing screws (4) to secure it in position.

FITTING THE DECOR DOOR BASE FIXINGS

- With the appliance door open, locate the metal decor door base fixing brackets at the lower section of the door. These brackets are used to connect the kitchen cabinet (decor) door to the appliance door.





- Position the decor door against the appliance door and align it correctly so it sits evenly within the surrounding cabinet space. Once aligned, use screws to secure the fixing brackets through the appliance door into the decor door.
- Depending on the type and size of the decor door being fitted, you may need to remove the brackets and refit them in a different position to achieve the correct alignment and a flush finish.

• FITTING THE DECORATIVE COVER

- Refit the decorative cover that was removed during the initial installation step. Attach it back onto the decor door fixing bracket, ensuring it is correctly seated and securely in place.
- Once the cover has been refitted, open and close the door several times to confirm the full door assembly operates smoothly without any resistance or misalignment. Finally, check that the refrigerator door seal is making proper contact all the way around, ensuring a tight seal with no gaps.

• DOOR REVERSAL INSTRUCTIONS (fig.7)

We recommend seeking assistance from another person to support the door while performing this operation.

1. Open the door.
2. Carefully remove the white cover caps from the side to which you wish to move the hinges.
3. Loosen the screws securing the hinges to the refrigerator cabinet, then remove the door.
4. Remove the screws securing the hinges to the door.
5. Place the door in a safe location where it will not be damaged.
6. Relocate the hinge to the opposite corner.
7. Refit the door to the hinges. **DO NOT** turn the door upside down.
8. Insert the cover caps into the exposed holes on the opposite side.
9. Ensure that the door seal is properly fitted.

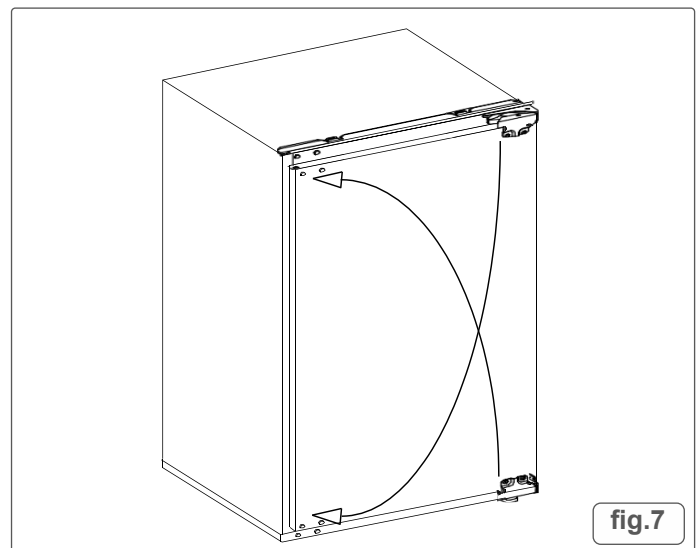
• BEFORE FIRST USE

Before switching the appliance on for the first time, allow it to stand upright for at least 24 hours. This allows the refrigerant to settle and helps ensure correct operation.

- Before first use, it is recommended to clean the interior of the appliance using a solution of warm water and bicarbonate of soda. Once cleaned, dry the interior thoroughly.
- A slight odour may be noticeable when the appliance is first used. This is normal and will disappear as the appliance cools.
- When switching the appliance on for the first time, it is recommended to set the freezer to setting 3 and allow it to run for 24 hours before adjusting the temperature to your preferred setting.

NOTE: The appliance will run continuously until it reaches the selected temperature. If the appliance is switched off, wait at least five minutes before switching it on again to avoid unnecessary strain on the compressor.

- **DO NOT** Store flammable or explosive materials, or strong corrosive acids or alkalis, inside the appliance.
- A small amount of frost inside the appliance is normal and does not indicate a fault.



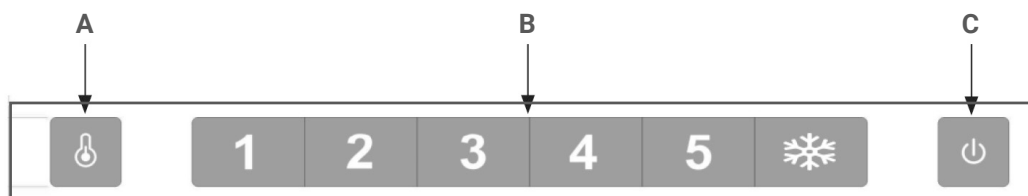


fig.8

• CONTROLS

Freezer Controls and Display (fig.8)

A. Freezer Temperature Adjustment Sensor

This button is used to adjust the temperature inside the freezer. Press sensor (A) once to activate the temperature adjustment, then press it repeatedly until the desired level is selected. The settings range from 1 to Super Freeze (❄), where 1 is the warmest setting and Super Freeze is the coldest.

NOTE: Wherever possible, avoid keeping the temperature set to 5 or Super Freeze for extended periods, as this may increase strain on the compressor and cooling system.

B. Freezer Temperature Setting Display

This display shows the current temperature setting. Each press of the temperature adjustment sensor will cycle through the available settings.

NOTE: The numbers 1 to 5 and the snowflake icon are not used directly to change the temperature. Instead, adjustments should be made using the freezer temperature adjustment sensor (A).

C. Power Button

Sensor (C) is used to switch the appliance on and off (**standby mode**). The indicator light will remain illuminated when the appliance is switched off.

• SUPER FREEZE FUNCTION

- The 6th setting on the control panel, represented by the snowflake (Fig.9), is a super freeze function. This should be used when freezing large quantities of food all at once. Activate this function 2 or 3 hours before introducing the food and do not leave it to run for more than necessary. Leaving it to run for longer will place unnecessary strain on the cooling system. The function will automatically deactivate after approximately 24 hours.



fig.9

• STORAGE AND USE (fig.10)

- This freezer is suitable for storing deep-frozen food (food that has already been frozen before being placed in the freezer), as well as for freezing fresh food for short-term storage (approximately 2–3 weeks). It can also be used for making ice and ice cream.
- Always check and follow the recommended expiration dates of all stored food.
- Fresh food, and items intended for long-term storage, should be kept at a temperature of -18°C or lower. For this purpose, settings 3 or 4 are recommended. If food is only being stored for a short period, settings 2 or 3 will usually be sufficient.
- NOTE:** Ice cream and ice cubes should be left at room temperature for a few minutes before use, as they may be cold enough to cause injury to the skin or lips.
- The freezer should be defrosted regularly. If you are unsure when to do this, it is recommended to defrost once the ice layer reaches approximately 5 mm in thickness.

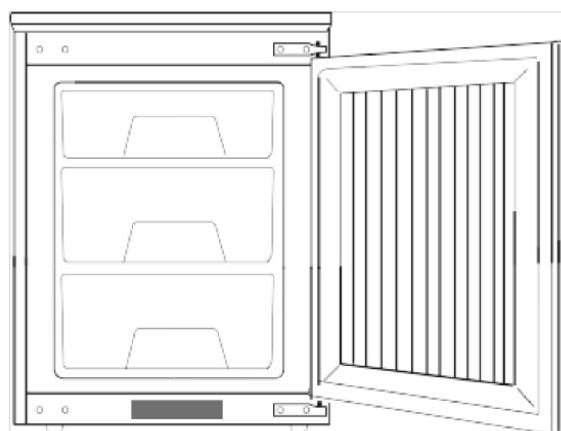


fig.10

• DEFROSTING THE FREEZER

- DO NOT** use heaters or defrosting sprays to defrost this appliance. Never use sharp or metallic objects such as knives or forks to remove ice, as this may damage the interior lining of the freezer.
- The freezer compartment should be defrosted regularly to ensure efficient operation. When the ice layer becomes more than 5 mm thick, defrosting is required.

- Approximately 24 hours before defrosting, set the temperature control to setting 5 or activate the Super Freeze function to ensure the food is fully frozen.
- Before switching the freezer off, wrap all frozen food in sheets of paper and store it in a cool, dry place.
- Switch off the appliance using the temperature control panel and disconnect it from the mains supply. Then remove all freezer drawers
- To speed up defrosting, place a bowl of warm water in the base of the freezer compartment.
- Clean the freezer using a solution of bicarbonate of soda and lukewarm water. Do not use abrasive cleaners or detergents. After cleaning, rinse thoroughly and dry completely.
- Wash the drawers separately by hand using a mild solution of washing-up liquid and water. Do not place them in a dishwasher.
- Once cleaning is complete, reconnect the power supply.

• MAINTENANCE

• CHANGING THE LIGHT BULB (If applicable)

If the LED lighting fails, it must only be replaced by an authorised service agent. In the event of a light failure, please contact Baridi Customer Care.

• ENSURING THE DOOR SEALS CORRECTLY

- It is normal for the door seal to become compressed after the door has been reversed.
- With the door closed, use a hair dryer to gently warm the seal so it expands and fills the gap between the door and the appliance body.
- Take care not to hold the hair dryer too close to the appliance, as this may damage the seal. A distance of approximately 10 cm is recommended.
- Once complete, allow the seal and door to cool before handling them. The seal will then remain in the correct position.

• TROUBLE SHOOTING

If you experience any problems with your appliance, please check the troubleshooting guide below before contacting Customer Care, to avoid unnecessary service calls and potential costs. Contact details can be found on the back cover of this manual.

If the appliance is not working, check the following:

- There is power to the appliance.
- The household fuses are intact and the fuse in the plug has not blown.
- The on/off switch is not set to OFF.
- The plug socket is working correctly (test by plugging in another electrical appliance).

If the appliance is working but not performing well, check the following:

- 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, free from dust, and not touching the rear wall.
- There is sufficient ventilation at the sides, rear, and underneath the appliance.
- The lower ventilation vents are not blocked or dirty.

If the appliance is noisy, check the following:

- The appliance is level and stable.
- The side and rear walls are clear, and nothing is resting on the appliance.

NOTE: The cooling gas in the system may produce a slight bubbling or gurgling noise, even when the compressor is not running.

• **If there is water inside the freezer, check the following:**

- Ensure the appliance has power and that the temperature control indicator light is on.
- Inspect the door seal for any kinks, debris, or damage. If any issues are found and cannot be resolved, contact Customer Care to arrange a replacement seal.

• **Excessive Ice Formation in the Freezer**

- If excessive ice has formed inside the freezer, check the following:
- Ensure the temperature control is set to the intended position and has not been accidentally set to the highest setting. If it is set to maximum, reduce the temperature setting.
- Check that there is resistance when opening the door. If the door opens too easily, the seal may be damaged or the appliance may not be installed correctly, preventing the door from closing fully.
- Inspect the door seal for any kinks, debris, or damage. If any issues are found and cannot be resolved, contact Customer Care to arrange a replacement seal.

• DISPOSAL AND END OF LIFE

When the appliance reaches the end of its service life, it should be disposed of in a responsible and environmentally friendly manner.

- **DO NOT** dispose of this appliance with household waste. Instead, take it to an authorised waste collection or recycling facility where it can be properly processed.
- Before disposal, ensure the appliance is made unusable by removing the door and cutting off the power cable. This will help prevent any risk of entrapment.
- This product is marked in accordance with local regulations for waste electrical and electronic equipment (WEEE), which require separate collection and recycling of electrical appliances.

Environment Protection and Waste Protection and Electrical Equipment Regulations (WEEE)

Recycle unwanted packaging materials. When this product is no longer required, or has reached the end of its useful life, please dispose of it in an environmentally friendly way. Drain any fluids (if applicable) into approved containers, in accordance with local waste regulations. It is our policy to continually improve products and we reserve the right to alter data, specifications and parts without prior notice. No liability is accepted for incorrect use of this product. Guarantee is 12 months from purchase date, proof of which is required for any claim.

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Product Information Sheet. Refrigerating Appliances

SUPPLIER_NAME_OR_TRADEMARK Dellonda EU Ltd. DELEGATED_ACT EU/2019/2016
 MODEL_IDENTIFIER DH456
 Baridi 60cm Integrated Undercounter Freezer with Reversible Door, 95L
 ADDRESS Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
 PHONE_NUMBER 01284 757 500
 EMAIL_ADDRESS TechnicalCompliance@dellonda.co.uk

Parameter Verification tolerances

Low-noise appliance	No	Design type	Built-in
Wine storage appliance	No	Other refrigerating appliance	No

General product parameters

Height mm	820	Total volume. Litres.	95
Width mm	596	Compartment volume. Litres.	NA
Depth mm	550	0-star to 4-star / Variable Volume. Litres.	95
EEL	100	Energy efficiency class	E
Airborne acoustical noise emissions (dB(a) re 1 pW	35	Airborne acoustical noise emission class	
Annual energy consumption kWh/a	176	Climate class	SN/N/ST

SN = extended temperate(10-32°C)

N = temperate 16-32°C

ST = subtropical 16-38°C

T = tropical 16-43°C]

Minimum ambient temperature (°C) for which the refrigerating appliance is suitable.	10	Maximum ambient temperature (°C) for which the refrigerating appliance is suitable.	38
Winter setting	No		