

# **Tall Integrated Larder Fridge**

LAM6703



# **User Instructions**

ISSUE v1.5 091123



www.howdens.com/appliance-registration



# Free 3 year guarantee

# Call now1 Within the UK: 0333 010 0009 Within Republic of Ireland: 01525 5752

Alternatively, visit www.howdens.com/appliance-registration



# 3 year guarantee available. Register your appliance within 90 days<sup>2</sup>

By registering your appliance and creating an account, we will keep you up to date with the latest product information and notify you immediately of any important product updates

<sup>1</sup>Lines are open Monday to Friday 9am to 5pm. Calls will be charged at your local rate and may be recorded and monitored for training and quality purposes. <sup>2</sup>So that in the event of an important product update, or recall, we can contact you.



# Welcome

#### Dear Customer

Congratulations on your choice of energy efficient larder fridge.

- Please read these instructions before use to ensure safe and economical operation of the larder fridge.
- Please keep these instructions in a safe place for your future reference.
- If you have any questions, or if you are not sure about any information contained in this booklet please contact us details at the end of the User Instructions.

This appliance is intended to be used in household and similar domestic applications, see guarantee page for definition of domestic use\*.

Throughout this manual the following symbols are used.



Warning for hazardous situations with regard to life and property.



Warning for electric shock.



Warning for risk of fire.

# Contents

Register my appliance	p.2	
Welcome		
Larder fridge overview		
Warning and Safety information Correct usage Safety with children Warning - general Cooling circuit Disposal of the Waste Product Packaging information Cleaning and care Disposing of the old appliance Electrical connection	p.6 p.6 p.7 p.7 p.7 p.7 p.7 p.7 p.8	
<ol> <li>Upon installation         Before operating the larder fridge             Installation instructions             Replacing the interior light         </li> </ol>	p.8 p.8 p.8	
<ul> <li>2- Using the larder fridge <ul> <li>Temperature control adjustment</li> <li>Cold zones</li> <li>Loading the fridge</li> <li>Food storage and energy efficiency</li> <li>Food storage advise and recommendations <ul> <li>to avoid waste food and energy</li> </ul> </li> <li>Door alarm</li> <li>Noises</li> <li>Defrosting larder fridge</li> <li>Larder fridge shelf removal/adjustment</li> <li>Wine rack adjustment</li> <li>Larder fridge drawer removal</li> <li>Door shelf removal/adjustment</li> <li>Drawer glass separator shelf removal</li> </ul> </li> </ul>	p.9 p.10 p.10 p.11 p.12 p.12 p.12 p.12 p.13 p.13 p.13 p.14 p.14	
3 - Cleaning and care Safety Cleaning agents Prepare the larder fridge for cleaning Fridge shelf removal Cleaning Larder fridge interior Larder fridge fittings and drawers Defrost collection channel To remove any unpleasant odours Cleaning the door seals Cleaning the ventilation After cleaning	p.15 p.16 p.16 p.16 p.16 p.16 p.16 p.16 p.16	
4 - Problem solving	р.18 р.19	
5 - Guarantee		
6 - Product specification	p.20	

# Larder fridge overview





**NOTE:** Large single door refrigeration products by their nature and design utilise a single door containing a large magnetic door seal.

These large door products can present more resistance to opening, especially in hotter and more humid conditions. This is normal and not a fault.

#### The rear wall of the larder fridge may be wet or frozen. This is the normal cooling cycle process in operation.

**Noises -** modern energy saving, more environmentally friendly refrigeration appliances generate many and varied noises when working. This is normal.

Product may differ from image shown. Refer to actual latest specification if necessary.

# Warning and Safety information



Please read these instructions. The manufacturer is not responsible if an incorrect installation and use causes injuries and/or damage. Always keep the instructions with the larder fridge for future reference.

# \land Correct usage

Your **LAMONA** product is designed to be built-in and for domestic household use only, (see guarantee page for definition)

This larder fridge must only be used for its intended purpose ie: the storing of edible foodstuffs.

The appliance is not suitable for storing and keeping cool: medicines, blood plasma or laboratory preparations. Used for such a purpose can cause deterioration of the items stored.

The appliance is designed for use within a certain climate range. Installing it in a room with too low an ambient temperature, eg. a garage, may lead to the appliance switching off for long periods so that it cannot maintain the required temperature.



#### WARNING:

Do not damage the refrigerant circuit.

**Do not** store explosive materials in the appliance or any products containing propellants, eg. spray cans. Electrical components could cause flammable vapours to ignite. Danger of fire and explosion.

**WARNING: Do not** cover or block air vents as this will impair the efficiency of the appliance and increase the electricity consumption.

**Do not** operate any electrical equipment, eg. an electric ice cream maker, inside the appliance.

Follow the manufacturer's 'Use By' dates and storage instructions given on food packaging to avoid the risk of food poisoning.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision and instruction concerning the correct use of the appliance (as per this manual), by a person responsible for their safety. To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the installation instructions.

Installation, maintenance and repairs must only be carried out by a suitably qualified person.

Whilst the appliance is under warranty, repairs must only be made by a **LAMONA** authorised service technician. Failure to do this will invalidate the warranty.

#### Safety with children

- Children under 8 years of age must be kept away from the appliance unless they are constantly supervised.
- Children 8 years and older may only use the appliance unsupervised if they have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.
- Children must not be allowed to clean or maintain the appliance unsupervised.
- Please supervise children in the vicinity of the appliance and **do not** let them play with the appliance.
- Danger of suffocation! Whilst playing, children could become entangled in packaging (such as plastic wrapping) or pull it over their head and suffocate. Keep packaging material away from children.

#### 🗥 Warning - general

- **Do not** use any sharp objects inside the product, eg. to defrost.
- **Do not** use a damaged appliance, it could be dangerous.
- Ensure the mains plug remains accessible.
- The appliance must not be used in a non-stationary location, eg. on a ship.

# Cooling circuit

The cooling circuit is factory tested for leaks. This appliance complies with statutory safety requirements and the appropriate EU guidelines.

This appliance contains the coolant Isobutane (R600a), a natural gas which is environmentally friendly. Although flammable, it does not damage the ozone layer.

The use of this coolant has led to a slight increase in the noise level of the appliance. Additionally you might be able to hear the coolant flowing through the system. This does not have any adverse effects on the performance of the appliance.



WARNING: If cooling circuit is damaged;

- Leaking coolant can damage the eyes
- Avoid naked flames or anything that creates a spark.
- Disconnect the appliance from the mains electricity supply if damage is caused to the cooling system.
- Ventilate the room.
- The more coolant there is in an appliance the larger the room it should be installed in. In the event of a leakage, if the appliance is in a small room, there is danger of a combustible gas build up. The amount of coolant is stated on the data plate inside the appliance. For every 8g of coolant at least 1m<sup>3</sup> of room space is required.

#### 🗥 Disposal of the Waste Product



This product bears classification symbol for waste electrical and electronic equipment (WEEE). This product has been manufactured with high quality parts and
 materials which can be reused and are

suitable for recycling. **Do not** dispose of the waste product with normal domestic and other wastes at the end of its service life. Take it to the collection centre for the recycling of electrical and electronic equipment. Please consult your local authorities to learn about these collection centres.

This product conforms to all relevant safety regulations and directives.

# ⚠ Package information

Danger of suffocation keep packaging material away from children.

## \rm Cleaning and care

- **Do not** use any oils or grease on the door seals, as this will cause the seals to deteriorate and become porous.
- **Do not** use steam cleaning equipment to clean or defrost the appliance. Steam could reach electrical components and cause a short circuit.
- **Do not** place electric heaters or candles in the appliance to defrost it. These will damage the plastic parts of the larder fridge.
- **Do not** use defrosting sprays or de-icers, as they could contain substances which could damage the plastic parts or might cause a build-up of gases and pose a danger to health.

## 🛆 Disposing of the old appliance

Please dispose of the old appliance without harming the environment.

- Remove the electric plug.
- If there are locks on the door, make them inoperable. In this way you will prevent children from accidentally locking themselves in and endangering lives.
- Please contact the local council about the disposal or waste collection.
- Be careful not to damage any part of the coolant system whilst awaiting disposal, eg.
  - puncturing the coolant channels in the condenser.
  - bending any pipework.
- Splashes of coolant can damage the eyes.
- The oil in the compressor can be fatal if swallowed or inhaled.

# \land Electrical connection

- The appliance is supplied with a power cable and moulded plug ready for connection to a 230v AC 50 Hz supply.
- The fuse rating should be 13 A.
- This appliance must be earthed.
- This appliance must be connected to a suitable switched socket which is always easily accessible.
- The electrical connection must comply with current local and national safety regulations (BS 7671 in the UK).
- The plug and mains cable must not come into contact with the back of the appliance. Vibrations can damage them; which could result in a short circuit.

- **Do not** connect the appliance to the mains electricity by an extension lead or multi-adapter.
- The appliance must not be used with energysaving plug devices. The appliance will not function correctly and may overheat.
- If the mains cable or plug needs to be replaced this must be done by a suitably qualified person.
- During a power cut, unplug the appliance from the mains socket. Following a power cut wait **5-10 mins** before connecting to the mains socket.
- Check that the appliance is working correctly.

# **1** - Upon installation

Please remember that the manufacturer shall not be held liable if the information given in this manual is not observed.

#### Before operating the larder fridge

- Remove all packaging material from the inside of the appliance.
- Clean the interior and the accessories as recommended, see cleaning and care section.
- You may hear various noises coming from the cooling system and when the compressor starts. This is normal.
- Set the temperature control to 2, (initially).
- Front edges of the larder fridge may feel warm, this is quite normal. (Designed to avoid condensation.)
- **Do not** load the appliance immediately after switching on. Wait 6 hours until the correct storage temperature is reached. We recommend that you check the temperature with an accurate thermometer.

#### Installation instructions

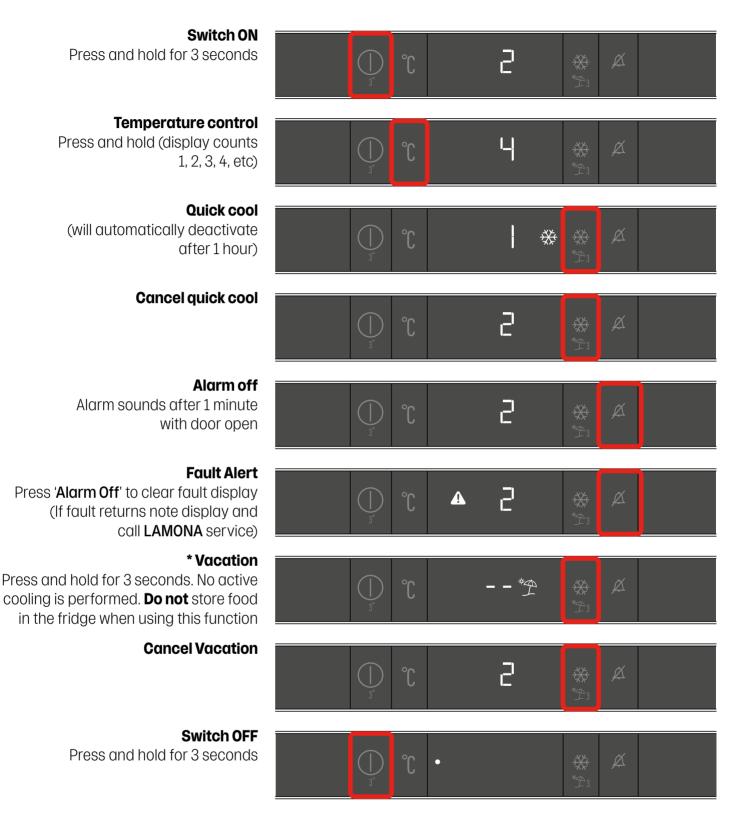
- The room where the appliance is installed must not be smaller than 10 cubic metres.
- See detailed 'Installation Instructions', including reversing door opening direction.
- This refrigerating appliance is intended to be used at ambient temperatures ranging from +10°C to +43°C (SN-T).
- **Do not** place the appliance in direct sunlight as this may cause the appliance to work less efficiently.
- WARNING: To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the installation instructions.

#### Replacing the interior light

The LED lamp is not replaceable by the user.

If a failure occurs please call LAMONA Service Line.

# 2 - Using the larder fridge



#### \* Vacation setting.

Places the unit into a standby mode while you are away, ready for a quick restart when you return,

Note: Remove all foodstuffs as no cooling will take place.

#### Cold zones

- Due to natural air circulation there are different temperature zones in the fridge.
- Cold, heavy air falls to the lower sections of the appliance.
- The coldest area in the fridge is directly above the fruit and vegetable drawer and at the back of the appliance.
- Food must not touch the back of the fridge as it may freeze to the back wall.
- The warmest area is at the top, in the frontal area and in the door sections. Use these areas for storing butter, cheese etc.
- Be careful not to drop wine bottles when placing on or removing from rack.



#### Loading the fridge

• Allow air to circulate efficiently, **do not** pack food too closely together in the fridge sections.

The normal storage temperature of the fridge should be no higher than **+5°C** (**+41°F**) - centre shelf.

We recommend that you check the temperature with an accurate thermometer to ensure that the storage compartments are kept to the recommended temperature.

The most efficient use of energy is obtained with the shelves and baskets in their default positions, allowing air to circulate throughout the food

We recommend that food is always covered and not to store open containers or foodstuffs.

Please remember; each time the door is opened cold air escapes and the internal temperature rises.

Therefore never leave the door open and always close it immediately after food is put in or removed.

# If the rear wall of the larder fridge is wet - this is normal, it freezes and then de-frosts.

If ice builds up on the fridge rear wall and doesn't appear to defrost as normal: Lower the temperature control to **1** for a few hours until the ice melts, then return control to normal setting.



Ensure stored foods do not touch rear wall.

• Ice will form and water may be deposited.

Due to the vacuum effect created when the larder door is closed; do not try to re-open immediately, please wait for a short period of time before trying to open the door.

#### Food storage and energy efficiency

The most efficient use of energy is ensured in the configuration of the drawers and shelves in their default positions, with foodstuffs evenly distributed throughout.

- Well ventilated, lower ambient temperatures are ideal conditions for energy saving. In very low ambient temperatures (Never less than 5°C) the internal temperatures should be checked with a thermometer and the temperature adjusted as necessary.
- Ensure the time between buying chilled food and placing them in the appliance is kept to a minimum, particularly in summer. We recommend you use a cool bag to carry chilled food.
- Do not leave the door of the appliance open longer than is necessary and ensure it is closed properly after each opening.

#### Food storage advice and recommendations to avoid waste food and energy

- Do Clean the larder fridge regularly, see cleaning and care.
- Do Store raw meat and poultry below cooked food and dairy products.
- Do Take off any unusable leaves from vegetables and wipe off any soil.
- Do Leave lettuce, cabbage, parsley and cauliflower on the stem.
- Do Wrap cheese firstly in greaseproof paper and then in a polythene bag excluding as much air as possible. For best results take out of the fridge compartment an hour before eating.
- **Do** Wrap raw meat and poultry loosely in polythene or aluminium foil. This prevents drying.
- **Do** Wrap fish and offal in polythene bags.
- **Do** Wrap foods which have a strong odour or can dry out in polythene bags, aluminium foil or place in an airtight container.
- Do Wrap bread well to keep fresh.
- Do Chill white wine, beer, larger, and mineral water before serving.
- Do Keep food for as short a time as possible and adhere to 'Best Before', 'Use By', dates.

- Don't Store bananas in the larder fridge compartment.
- Don't Store melon in the larder fridge. It can be chilled for short periods as long as it is wrapped to avoid it flavouring other foods.
- **Don't** Consume food which has been stored for an excessive time in the fridge.
- Don't Store cooked and fresh food together in the same container. They should be packaged and stored separately.
- Don't Let defrosted food or food juices drip onto other food.
- Don't Leave the door open for long periods as this will make the appliance more costly to run and cause excessive ice build-up.
- Don't Put hot food into the appliance. Let it cool down first.
- Don't Store poisonous or any dangerous substances in the larder fridge. It has been designed for the storage of edible foodstuffs only.

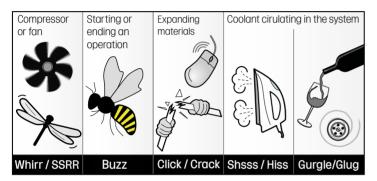
#### Door alarm

An alarm will sound and the interior light will pulse if the larder fridge door is left open for more than 1 minute.

• Close the door to stop the alarm.

# 1 Noises

During the normal operation of the larder fridge several different types of noises may be heard including; 'cracks', 'gurgles' along with the 'humming' of the cooling fan. **This is perfectly normal.** 



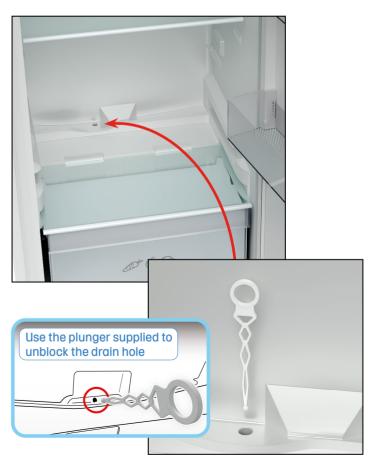


#### Defrosting larder fridge

The larder fridge defrosts automatically.

The defrost water runs to the drain tube via the collection channel at the back of the fridge, see image. During defrosting water droplets form at the back of the fridge where the concealed evaporator is located. Some droplets may remain on the liner and refreeze when defrosting is completed. **Do not** use pointed or sharp edged objects such as knives, forks etc. to remove the droplets which have frozen.

If at any time the defrosted water does not drain from the collection channel, check to see if the drain channel has an obstruction. The drain tube can be cleared by pushing the special plastic plunger, provided, down the drain tube, see image. If there is an ice build up, lower the temperature control to **1** for a few hours until the ice melts, then return control to normal setting.



#### Larder fridge shelf removal/adjustment

The shelves can be adjusted according to food storage requirements.

Only remove/adjust the shelves when they are empty.

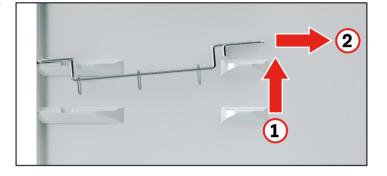
- Lift the front edge of the shelf, 1 and pull forwards, 2.
- Insert shelf at the desired height.

The raised edge on the protective strip at the back must face upwards to prevent food touching the back of the fridge and freezing to it.



#### Wine rack adjustment

- Lift the wine rack at the front edge, 1 and move forwards, 2 to disengage the rear lug.
- Insert the wine rack at the required height. Ensure that it is securely pushed back into place.



3

#### To set at an angle.

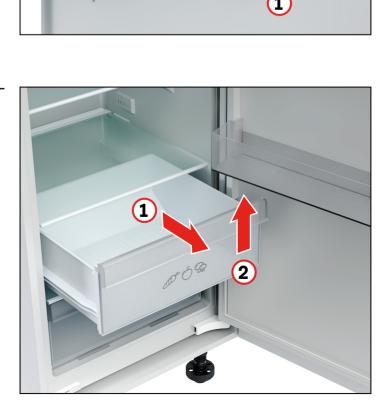
- Lift the wine rack at the front edge, 1 and move forwards, 2 to disengage the rear lug, 3.
- Insert the wine rack at the required height placing the rear lug on the shelf height below. Ensure that it is securely pushed back into place.

Do not let large / heavy bottles drop into the wine rack.

#### Larder fridge drawer removal

The drawers can be removed for cleaning.

Open the drawer to it's maximum, 1 lift upwards and remove, 2.



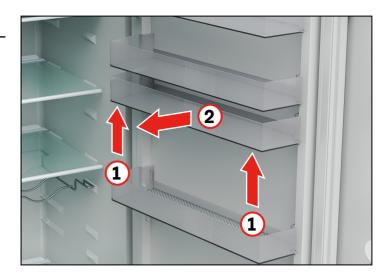
2

#### Door shelf removal/adjustment

Only remove the door/bottle shelves when they are empty.

- Gently push the door shelf upwards from underneath, 1 and remove, 2.
- Replace the shelf at the required height. Ensure that it is securely fixed.

**Do not** let large / heavy bottles drop into the door shelf.

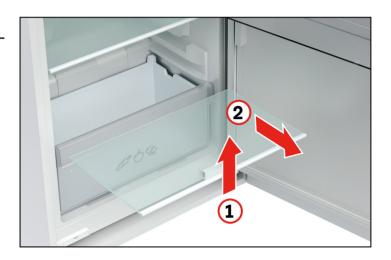


#### Drawer glass separator shelf removal

The glass shelf and drawer(s) may be removed to allow storage of larger items.

Caution: Glass, handle carefully.

- Remove the larder fridge drawer(s).
- Lift the front edge of the glass separator shelf, 1
   and remove, 2



# 3 - Cleaning and care

We recommend that you switch off the larder fridge at the mains socket and remove the plug from the mains socket before any cleaning or maintenance.

**Do not** let any water penetrate any part of the appliance electrics or lighting.

Cleaning water must not drain into the defrost drain hole.

If the larder fridge is not going to be used for a long period of time switch it off, remove all food, clean and leave the door ajar.

The data plate located on the left-hand, inside surface, of the appliance must not be removed. It contains information which is required if you need to call a service engineer.



#### **Cleaning agents**

We recommend using a clean cloth or sponge and lukewarm water with a small amount of washing-up liquid added to clean the surfaces.

All cleaning agents used inside the appliance **must** be food safe.

To avoid damage to surfaces of the larder fridge, **do not use** the following:

- Cleaning agents containing soda, ammonia, acids or chlorides.
- Cleaning agents containing de-scaling agents.
- Abrasive cleaning agents, eg. powder or cream cleaners.
- Solvent based cleaning agents.
- Stainless steel cleaning agents.
- Dishwasher cleaning agents.
- Oven sprays.
- Glass cleaning sprays.
- Hard, abrasive sponges and brushes, eg. scourers.
- Melamine eraser blocks.
- Sharp metal scrapers.





Switch off the larder fridge at the mains socket and remove the plug.

If the interior light is still on when you open the larder fridge door the appliance is still connected to the mains electric.

- Remove any food and store in a cool place.
- Remove the glass shelves and door shelves.
- Remove the larder fridge drawers.

#### WARNING: Larder fridge glass shelves;

- Remove and place the glass shelves on a worktop that is covered with a towel.
- Remove the front trims only from the glass shelves and clean. **Do not** use abrasive pads, scourers.
- After cleaning, replace the front trims.



#### Cleaning

Clean the larder fridge interior monthly.

Remove any spillages immediately to prevent them from drying onto the surfaces.

#### Larder fridge interior;

- Clean the interior with a clean cloth or sponge and lukewarm water with a small amount of washing-up liquid added.
- After cleaning, wipe over and dry using a soft cloth.
- Leave the doors open to air the larder fridge and prevent any odour build up.

#### Larder fridge fittings and drawers;

Do not use a dishwasher to clean.

- Clean the larder fridge fittings and drawers with a clean cloth or sponge and lukewarm water with a small amount of washing-up liquid added.
- After cleaning, wipe over and dry using a soft cloth.

#### Defrost collection channel;

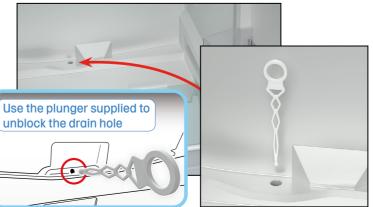
• Clean the defrost collection channel and drain hole frequently. Use the special plastic plunger provided to clear any blockages.

#### To remove any unpleasant odours;

• Clean using a solution of warm water and bicarbonate of soda.







#### Cleaning the door seals

**Do not** use any oils or grease on the door seals, as this will cause the seals to deteriorate and become porous.

- The door seal should be cleaned regularly using a mild detergent and clean cloth. Wipe dry using a clean cloth.
- If required the door seal can be removed for an extra deep clean.
- Take extreme care not to damage the door seal(s) when removing and replacing them.

#### To remove:

Starting at a corner gently peel away the seal from the channel, working away along the door.

#### To replace:

Starting at a corner, press in the seal working away and along the door, pressing the seal into the channel.



#### Cleaning the ventilation

A build-up of dust within the ventilation will increase the energy consumption of the larder fridge.

• The ventilation void should be cleaned regularly using a soft brush and vacuum cleaner.

#### After cleaning

- Replace all the shelves and accessories.
- Reconnect to the mains socket and switch on.
- Place the food in the larder fridge and close the door.



# 4 - Problem solving

If the appliance does not operate when switched on, check that:

- The plug is inserted properly into the mains socket and that the power supply is on. (To check the power supply to the mains socket, plug in another electrical appliance).
- The fuse has blown/circuit breaker has tripped/ main distribution switch has been turned off.
- The temperature control has been set correctly.
- Rear wall of the larder fridge is wet this is normal, it freezes and then de-frosts.
- New plug is wired correctly if you have changed the fitted moulded plug.
- Too much ice developing:
  - Door not closed properly or open for long period of time.
  - Warm food being placed in larder fridge.

- Vibration noise:
  - Bottles/jars in fridge making contact with each other or touching the walls of larder fridge.
- Beeping sound:
  Door alarm door not closed properly.
- Water at bottom of larder fridge
   Rear collection channel overflowing due to blockage by item.
- Water on shelf:
   Stored item touching rear wall.

If the appliance is still not operating after the checks, then call **LAMONA** Service Line.

Please ensure that the checks have been made as a charge may be made if no fault is found.

Error code	Explanation
E3	Fresh food compartment air sensor error.
E5	Ambient sensor error.
E22, E23	Ping test couldn't be done error.
I	Warning icon and temperature indicator High Temperature Warning. (It shows the highest temperature the refrigerator reached)

#### **Fault Alert**

Press 'Alarm Off' to clear fault display (If fault returns note display and call LAMONA service)



# 5 - Guarantee

## Product Guarantee Details (UK & Republic of Ireland only)

Your appliance has the benefit of a comprehensive manufacturer's guarantee which covers the cost of breakdown repairs. (Details of which are shown on your Proof of Purchase Document).

- Any claim during the period of the guarantee **MUST BE ACCOMPANIED BY THE PROOF OF PURCHASE.**
- The product must be correctly installed and operated in accordance with the manufacturer's instructions and used for normal domestic purposes.
- This guarantee does not cover accidental damage, misuse or alterations which are likely to affect the product.
- The guarantee is invalid if the product is tampered with, or repaired by any unauthorised person.
   (The guarantee in no way affects your statutory or legal rights).

#### What to do if you need to report a problem.

Please ensure you have ready:

- The product's model and serial numbers.
- Howdens Proof of Purchase Document.
- Your full contact details.

Call the Depot number on your Proof of Purchase Document supplied with the product/kitchen.

or

Call the LAMONA Service Line on: Within UK 0344 460 0006 Within Republic of Ireland 01525 5703

\* Product installed within a domestic kitchen or a non-domestic kitchen where 8 or fewer people are using the appliance.

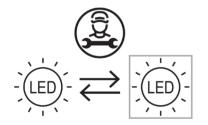
#### Spare parts availability - 10 years Only fit Genuine Spare Parts www.lamonaspares.co.uk (UK only)

Where to find the model and serial number on the appliance.	On the left-hand, inside surface of the appliance.
---	--

# **6 - Product specification**

Brand Model Total net volume	LAM6703
Auto defrost	Yes
Climate class	SN-T
Installation	Built in
Voltage	220 - 240 V
Frequency	50 Hz
Wattage	85 W
Current	0.8 A
Noise	36 dba
Fuse rating in plug	13 A
Control type	Electronic
Door open alarm - audible / visual	
Refrigerant type	R600a
Refrigerant charge	42 g
Fire resistant backing	Yes

References of standards and reproducible methods applied for measuring performance; Household refrigeration appliances; IEC 62552-1,-2,-3:2020; EU-Regulations 2016/2019 and 2019/2019, EN60704-2-14:2019.

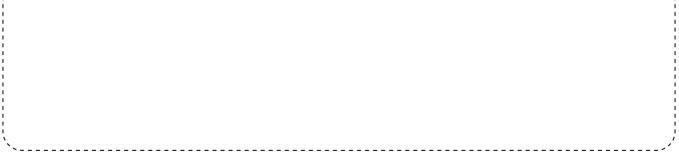


This product contains a light source of energy efficiency class G.

#### Information

The model's technical information can be retrieved by scanning the QR code on the Energy label and proceeding to the website entering the model identifier.





Product serial number (Place sticker here)





Product information correct at the time of publication in November 2023. The company has a policy of continuous product development and reserves the right to change any products and specifications given in this manual. Subject to the Terms and Conditions of Trading, a copy of the Howdens Terms and Conditions is available upon request. Copyright © 2023 Howden Joinery Ltd. All rights reserved.

Howden Joinery Ltd. Thorpe Road, Howden, East Yorkshire. DN14 7PA England Howdens Cuisines SAS. Z.A. du Bois Rigault Nord, 1 Rue Calmette, 62880 Vendin-le-Vieil, Cedex, France