

Built Under Integrated Larder Refrigerator

HJA6312



User & Installation Guide

LAMONA
Exclusive to Howdens Joinery Co.

Congratulations on your choice of a **LAMONA** quality Appliance which has been designed to give you service for many years.

WARNING !

IMPORTANT !

DO NOT connect the appliance to the electricity supply until all packing and transit protectors have been removed.

- Leave to stand for at least 4 hours before switching on to allow compressor oil to settle if transported horizontally.
- If you are discarding an old refrigerator with a lock or latch fitted to the door, ensure that it is left in a safe condition to prevent the entrapment of children.
- This fridge must only be used for its intended purpose i.e the storing of edible foodstuff.
- Do not dispose of the appliance on a fire. At LAMONA, the care and protection of our environment is an ongoing commitment. This appliance which is among the latest range introduced is particularly environmentally friendly. Your appliance contains non CFC / HFC natural substances in the cooling system (Called R600a) and in the insulation(Called cyclopentane) which are potentially flammable if exposed to fire. Therefore, take care not to damage, the cooling circuit / pipes of the appliance in transportation and in use. In case of a damage do not expose the appliance to fire or potential ignition source and immediately ventilate the room where the appliance is situated.
- We suggest you contact your local authority for disposal information and facilities available.
- We do not recommend use of this appliance in an unheated, cold room. (E.g.: garage, conservatory, annex, shed, out-house etc.) See Page 5.
- To obtain the best possible performance and trouble free operation from your appliance it is very important to carefully read these instructions.
- On delivery, check to make sure that the product is not damaged and that all the parts and accessories are in perfect condition.
- Ensure that the plug remains readily accessible. Do not use a multiple adapter bar or extension cable.
- Failure to observe these instructions may invalidate your right to free service during the guarantee period.

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.

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.

- We suggest you keep these instructions in a safe place for easy reference.
- 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 or instruction concerning use of the appliance by a person responsible for their safety.

• Children should be supervised to ensure that they do not play with the appliance.

Under Integrated Larder Fridge HJA 6312
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PERFORMANCE	
Energy efficiency class	A+
Energy consumption - Kwh/year	118
Net storage - vol fresh food ltrs (cu.ft.)	128 lt. (4.5)
Net storage - vol frozen food ltrs (cu.ft.)	-----
Total net vol - ltrs (cu.ft.)	128 lt. (4.5)
Frozen food compartment rating	-----
Conservation time from failure	-----
Freezing capacity fresh food - kg	-----
Climate class	SN-T
Operating noise level dB(A)	39

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ELECTRICAL REQUIREMENTS

Before you insert the plug into the wall socket make sure that the voltage and the frequency shown in the rating plate inside the appliance corresponds to your electricity supply. Rating label is on the left hand side of fridge liner. We recommend that this appliance is connected to the mains supply via a suitable switched and fused socket in a readily accessible position. Should the mains lead of the appliance become damaged or should it need replacing at any time, it must be replaced by a special purpose made mains lead which can only be obtained from an Authorised Service Agent.

WARNING! THIS APPLIANCE MUST BE EARTHED

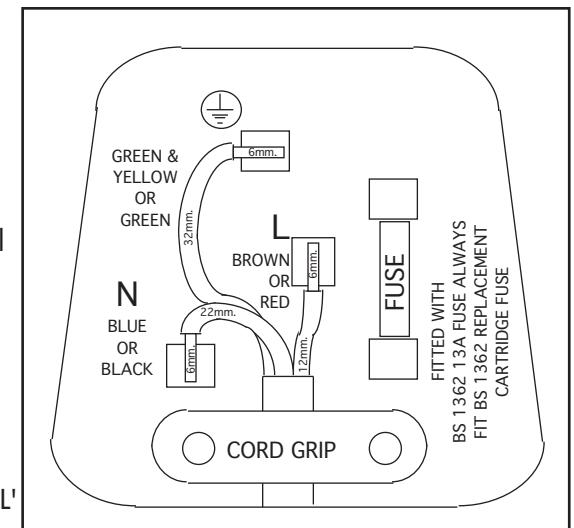
If the fitted moulded plug is not suitable for your socket, then the plug should be cut off and an appropriate plug fitted. Destroy the old plug which is cut off as a plug with bared cord could cause a shock hazard if inserted into a socket elsewhere in the house.

The moulded plug on this appliance incorporates a 13 A fuse. Should the fuse need to be replaced an ASTA BEAB approved BS 1362 fuse of the same rating must be used. Do not forget to refit the fuse cover. In the event of losing the fuse cover the plug must not be used until a replacement fuse cover has been fitted. Colour of the replacement fuse cover must be the same colour as that visible on the pin face of the plug. Fuse covers are available from any good electrical store.

IMPORTANT! FITTING A DIFFERENT PLUG

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: (See diagram).

1. Connect the green-yellow or green (Earth) wire to the terminal in the plug marked 'E' or with the symbol  or coloured green and yellow or green.
2. Connect the blue (Neutral) wire to the terminal in the plug marked 'N' or coloured black.
3. Connect the brown (Live) wire to the terminal in the plug marked 'L' or coloured red.



With alternative plugs a 13 A fuse must be fitted either in the plug or adaptor or in the main fuse box.
If in doubt contact a qualified electrician.

TRANSPORTATION INSTRUCTIONS

1. The appliance should be transported only in a vertical upright position. The packing as supplied must be intact during transportation.
2. If during the course of transport the appliance has to be transported horizontally, it must only be laid on its left hand side when standing in front of the appliance. After bringing it to upright position, it must not be operated for at least 4 hours to allow the system to settle.
3. Failure to comply with the above instructions could result in damage occurring to the appliance. The manufacturer will not be held responsible if these instructions are disregarded.
4. The appliance must be protected against rain, moisture and other atmospheric influences.
5. Empty any water in the drain tray before moving see section "Defrosting" and "Cleaning & Care" for further information.

IMPORTANT : Make sure the plastic evaporating pan at the back of the product collects water properly.

IMPORTANT : Care must be taken while cleaning / carrying the appliance to avoid touching the bottom of the condenser metal wires at the back of the appliance as you might injure your fingers and hands.

Important : This appliance is not designed for stacking with any other appliance.

When positioning your appliance, take care not to damage your flooring, pipes, wall coverings etc. Do not move the appliance by pulling the door or handle.

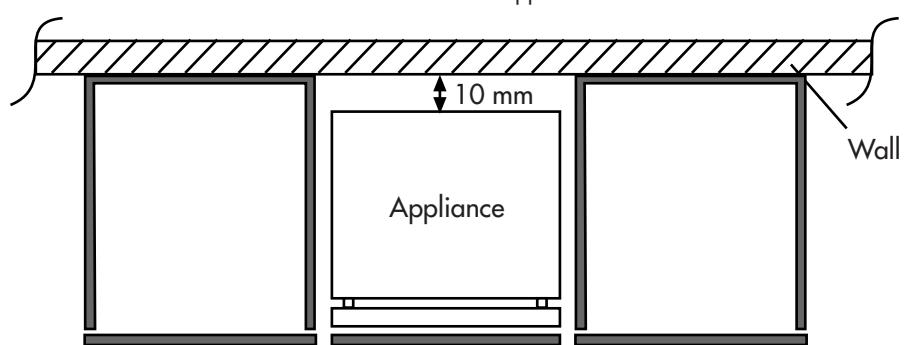
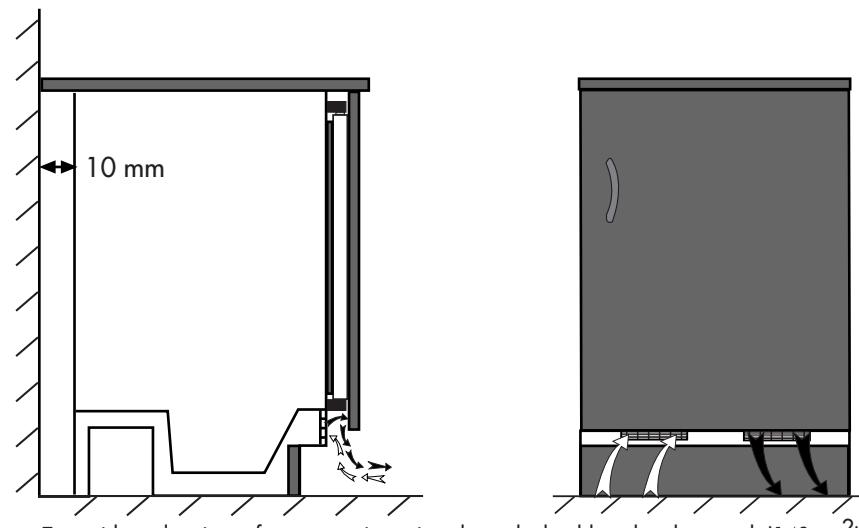
Do not attempt to sit or stand on top of your appliance as it is not designed for such use. You could injure yourself or damage the appliance.

"IMPORTANT: Make sure that mains cable is not caught under the appliance during and after carrying / moving the appliance, to avoid the mains cable becoming cut or damaged."

Do not allow children to play with the appliance or tamper with the controls. **LAMONA** declines to accept any liability should the instructions not be followed.

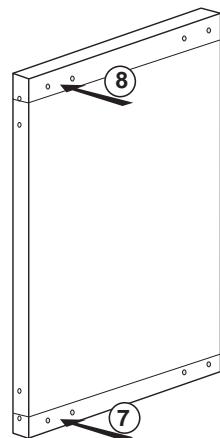
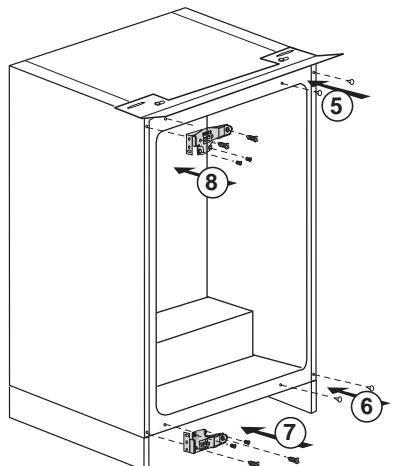
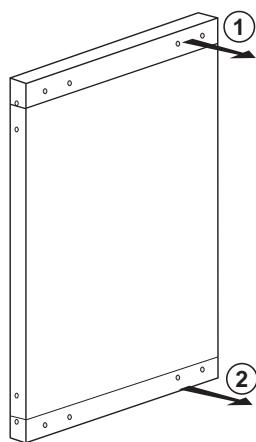
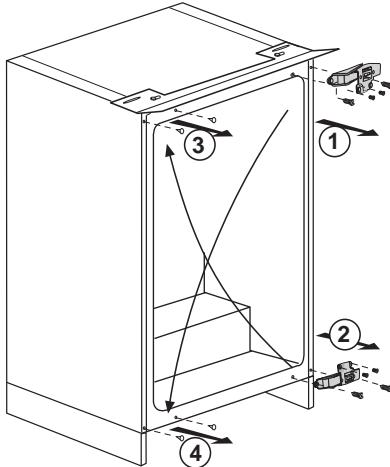
IMPORTANT INSTALLATION INSTRUCTIONS

1. To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
2. Do not operate this appliance unless installed to furniture.
3. The appliance should be located on a smooth surface. The four front and back feet can be adjusted as required. To ensure that, your appliance is standing upright adjust the four front and back feet by turning clockwise or anti-clockwise, until the product is in firm contact with the floor. Correct adjustment of feet avoids excessive vibration and noise.
4. Refer to "Cleaning and Care" section to prepare your appliance for use.
5. This appliance has been designed to operate in ambient temperatures between +10 and +32 degrees C (50 and 90 degrees F). Therefore if the appliance is installed in an unheated / cold room (E.g.: Conservatory / annex / shed / garage etc.) then the appliance may not operate and as a result the storage time of food may be reduced.



REPOSITIONING THE DOOR

Follow the step by step instructions and the diagram below. Numbers in brackets refer to diagrams.

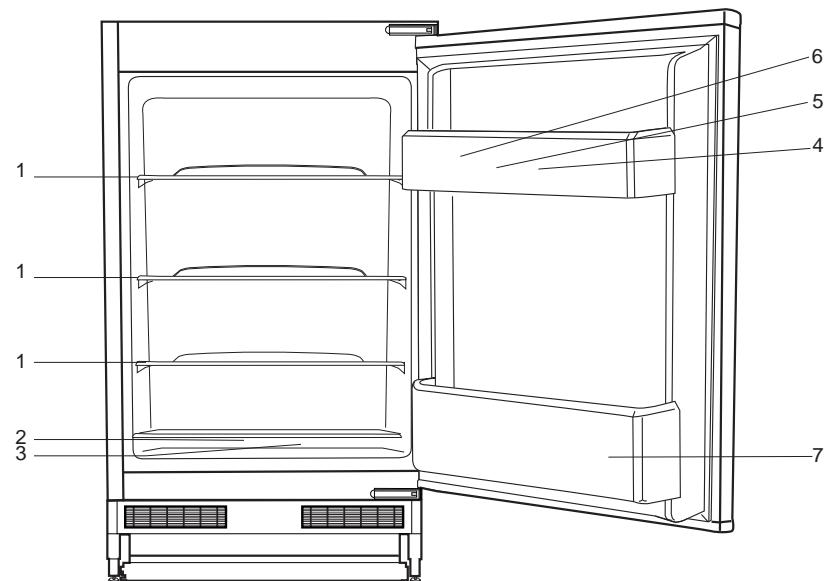


1. Switch off at the socket outlet and pull out the mains plug.
2. Remove all food, loose items and fittings from inside the appliance and door shelves.
3. Unscrew the bolts and remove the upper and bottom hinges from the cabinet and door. (1) (2)
4. Remove stoppers. (3) (4)
5. Fit the stoppers on the opposite side. (5) (6)
6. Reposition the upper hinge on the opposite side as bottom hinge (7)
7. Reposition the bottom hinge on the opposite side as upper hinge. (8) Locate the door and tighten the bolts fixing the door.

To change door from R/H to L/H please follow procedure below:

1. Carefully remove the lower then the upper Torx screws that hold the door to the hinges.
2. Open hinges fully then carefully remove the self tap countersunk screws holding the hinges to the cabinet.
3. Remove the plastic covers from the L/H hinge fixing points and carefully re insert in the R/H holes.
4. Carefully place the self tap screws into the new fixing points applying gentle pressure until they start to bite (at this point it may help to have someone at the back of appliance to support).
5. For ease of fixing we recommend screwing all the way in, and then ease back out.
6. Re fit hinge
7. Tighten the screws firmly.
8. Re fit door, loosely fixing the top screws first, and then fit the lower screws.
9. When all screws fitted; tighten firmly and check door for alignment.

SUGGESTED ARRANGEMENT OF FOOD IN THE LARDER FRIDGE



Arrangement Examples (See diagram).

1. Baked, chilled cooked food, dairy products.
2. Meat, sausages, cold cuts, cans.
3. Fruit, vegetables, salads.
4. Tubes, small bottles and cans.
5. Egg tray.
6. Butter, cheese, dairy products.
7. Beverages, large bottles.

The following guidelines and recommendations are suggested to obtain the best results and storage hygiene.

1. Appliance is for the short term storage of fresh food and drinks.
2. Cooked dishes must be stored in airtight covered containers and are best placed on either of the removable shelves.

3. Fresh wrapped produce can be placed on the shelf. Fresh fruit and vegetables should be cleaned and stored in the crisper bins.
4. Bottles can be placed in the door section.
5. To store raw meat, wrap in polythene bags and place on the lowest shelf. Do not allow to come into contact with cooked food to avoid contamination. For safety, only store raw meat for two to three days.
6. Shelves incorporate rear stops and tilting for storing bottles. Lift shelf to clear grooves when adjusting.
7. To tilt a shelf place the back of the shelf one level below the front of the shelf. To remove a tilted shelf, first release the back off the grooves and then pull it.
8. Keep the food packed, wrapped or covered. Allow hot food and beverages to cool before placing them in the fridge. Do not store explosive substances in the refrigerator. High proof alcohol must be stored upright in sealed containers. Left over canned food should not be stored in the can.
9. Some fruit and vegetables suffer damage if kept at temperatures near 0 degrees centigrade. Therefore wrap pineapples, melon, cucumbers, tomatoes and similar produce in polythene bags.
10. Shelves, racks, crisper bins, dairy compartments, drawers, bottle grippers are all removable.
11. Always wrap food using a suitable packaging material before storing in your appliance to avoid contact with the appliance surface and food remains for hygiene reasons.

TEMPERATURE CONTROL AND ADJUSTMENT

Operating temperatures are controlled by the thermostat (see diagram). Settings may be made from 1 to 5, the coldest position.

When the appliance is switched on for the first time, the thermostat should be adjusted so that after 24 hours, the average fridge temperature is no higher than +5°C (+41°F). We recommend you set the thermostat half way between the 1 and 5 setting and monitor to obtain the desired temperature i. e. towards 5 you will obtain a colder fridge temperature and vice versa. Some sections of the fridge may be cooler or warmer (such as the salad crisper and the top part of the cabinet) which is quite normal. Over ambient temperatures of 25°C (77°F) especially in summer turn the thermostat knob towards 5. Under ambient temperatures of 25°C (77°F) turn the thermostat knob to a half way position.

Frequent door opening cause higher internal temperatures, so close the door as soon as possible after use.

In case of a temporary ice build up in the fridge compartment reduce the thermostat setting to 1, monitoring at the same time that the fridge temperature is maximum +5 degrees C (41 degrees F). Once the ice build up disappears and the appliance starts auto defrosting again as normal, then you may increase the thermostat setting, if required.

5	-
4	-
3	-
2	-
1	-
0	0

STARTING

Final Check

Before you start using the refrigerator check that:

1. The feet have been adjusted for perfect levelling.
2. The interior is dry and air can circulate freely.
3. Clean the interior as recommended under "CLEANING AND CARE."
4. Insert the plug into the wall socket and switch on the electricity supply. When the door is open the interior light will come on.
5. You will hear a noise as the compressor starts up. The liquid and gases sealed within the refrigeration system may also give rise to noise, whether the compressor is running or not which is quite normal.
6. We recommend that you set the thermostat knob at 3 (three) and monitor the temperature to ensure the appliance maintains desired storage temperatures (See section Temperature Control and Adjustment).
7. Do not load the appliance immediately it is switched on. Wait until the correct storage temperature has been reached. We recommend that you check the temperature with an accurate thermometer (see; Temperature Control and Adjustment).

Important Note :

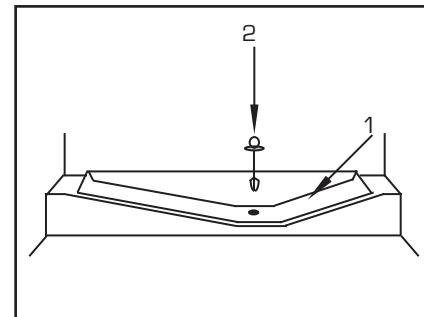
Ice formation at the back is normal, do not worry. (See Defrosting)

DEFROSTING

The larder fridge defrosts automatically. The defrosting water runs to the drain tube via a collection channel and is evaporated in a special container (1) at the back of the appliance (see diagram).

During defrosting water droplets may form at the back of the larder fridge where 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 to remove the droplets which have refrozen.

If at any time the defrost water does not drain from the collection channel, check to ensure that no food particles have blocked the drain tube. The drain tube can be cleared by pushing the special plastic plunger provided down the drain tube (2).



CLEANING AND CARE

- ** We recommend that you switch off the larder refrigerator at the socket outlet and pull out the mains plug before cleaning.
- ** Never use any sharp instruments or abrasive substances, soap, household cleaner, detergent and wax polish for cleaning.
- ** Use luke warm water to clean the cabinet of the refrigerator and wipe it dry.
- ** Use a damp cloth wrung out in a solution of one teaspoon of bicarbonate of soda to one pint of water to clean the interior and wipe it dry.
- ** Make sure that no water enters the temperature control box.
- ** If the larder refrigerator is not going to be used for a long period of time switch it off, remove all food, clean it and leave the door ajar.
- ** Check door seals regularly to ensure they are clean and free from food particles.
- ** Never :
 - Subject it to hot temperatures in any way,
 - Scour, rub etc., with abrasive material.
- ** Removal of door tray :
 - To remove a door tray, remove all the contents and then simply push the door tray upwards from the base.

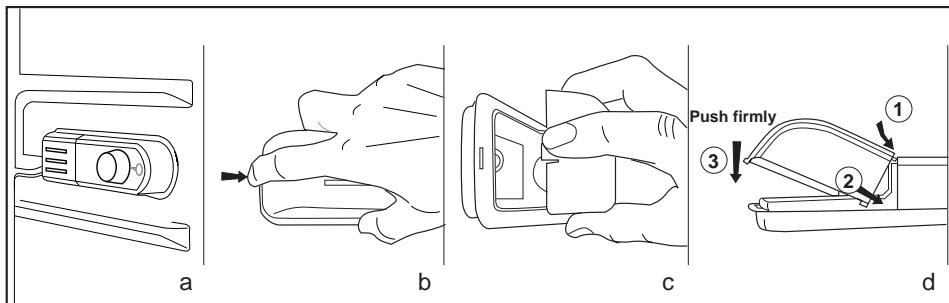
REPLACING THE INTERIOR LIGHT BULB (See diagram)

Should the light fail to work switch off at the socket outlet and pull out the mains plug. Follow the instructions below to check if the light bulb has worked itself loose.

If the light still fails to work obtain a replacement E14 screw cap type 15 Watt (Max) bulb from your local electrical store and then fit it as follows:

1. Switch off at the socket outlet and pull out the mains plug. You may find it useful to remove shelves for easy access.
2. Remove the light diffuser cover as shown in figure (b-c).
3. Replace the burnt-out light bulb.
4. Reassemble the light diffuser cover as shown in figure (d).
"Push firmly to ensure cover is fitted properly."
5. Carefully dispose of the burnt-out light bulb immediately.

"Replacement light bulb can easily be obtained from a good local electrical or DIY store."



DO'S AND DON'TS

- Do- Clean your larder refrigerator regularly.
- Do- Keep raw meat and poultry below cooked food and dairy products.
- Do- Keep food for as short a time as possible and adhere to 'Best Before' and "Use By" dates.
- Do- Take off any unusable leaves on 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 refrigerator 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 food which have a strong odour or can dry out in polythene bags aluminium foil or place in airtight container.
- Do- Wrap bread well to keep it fresh.
- Do- Chill white wines, beer, lager and mineral water before serving.

Don't- Store bananas in your fridge.

Don't- Store melon in your fridge. It can be chilled for short periods as long as it is wrapped to avoid it flavouring other food.

Don't- Leave the door open for long periods as this will make the larder refrigerator more costly to run.

Don't- Store poisonous or any dangerous substances in the larder refrigerator. Your larder refrigerator has been designed for the storage of edible foodstuffs only.

Don't- Consume food which has been stored for an excessive time in the larder refrigerator.

Don't- Store cooked and fresh food together in the same container. They should be packaged and stored separately.

Don't- Let defrosting food or food juices drip onto food in your larder refrigerator.

PROBLEM SOLVING/TROUBLE SHOOTING

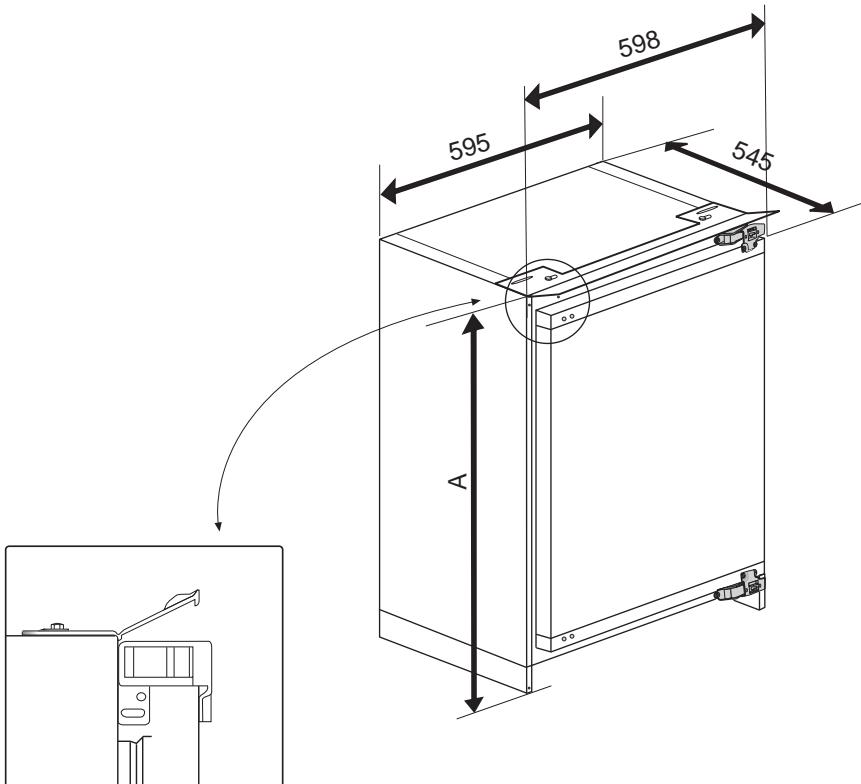
If the appliance does not operate when switched on, check;

- The plug is inserted properly in the socket and that the power supply is on. (To check the power supply to the socket, plug in another appliance)
- The fuse has blown/circuit breaker has tripped/main distribution switch has been turned off.
- The temperature control has been set correctly.
- New plug is wired correctly if you have changed the fitted moulded plug.

If the appliance is still not operating at all after above checks, please refer to the section on "How To Obtain Service".

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

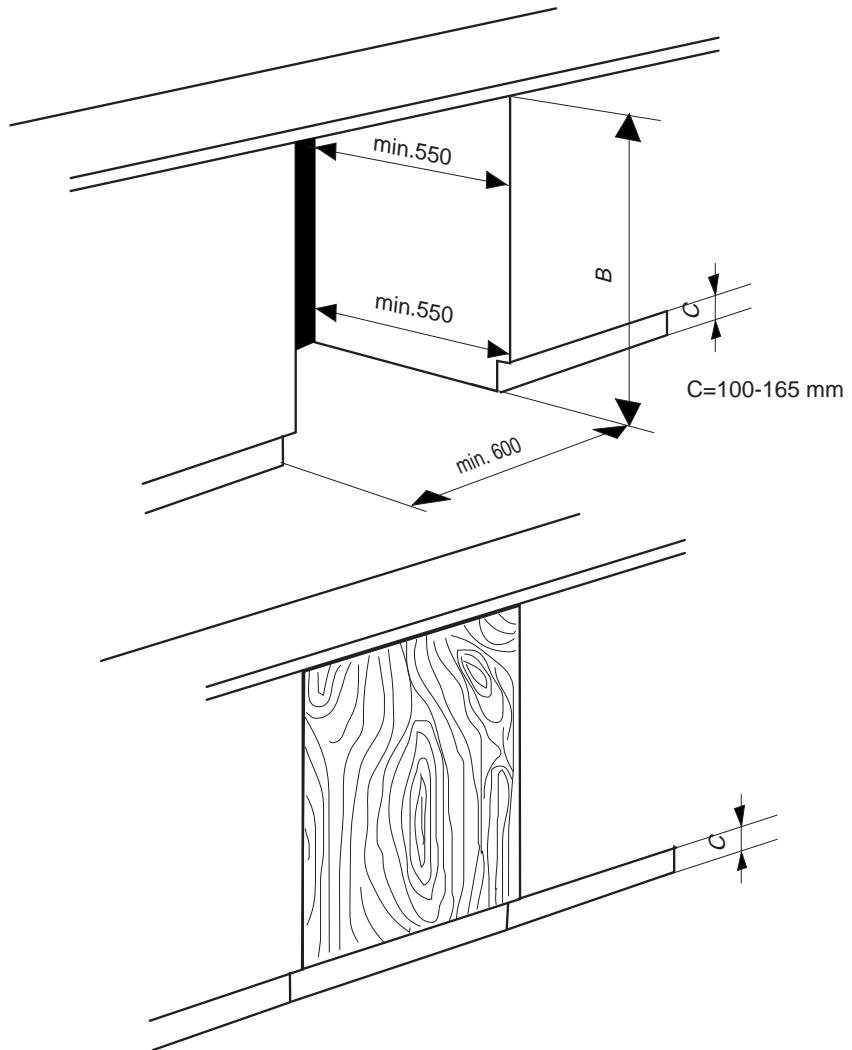
INSTALLATION INSTRUCTIONS - DETAILED STEP BY STEP

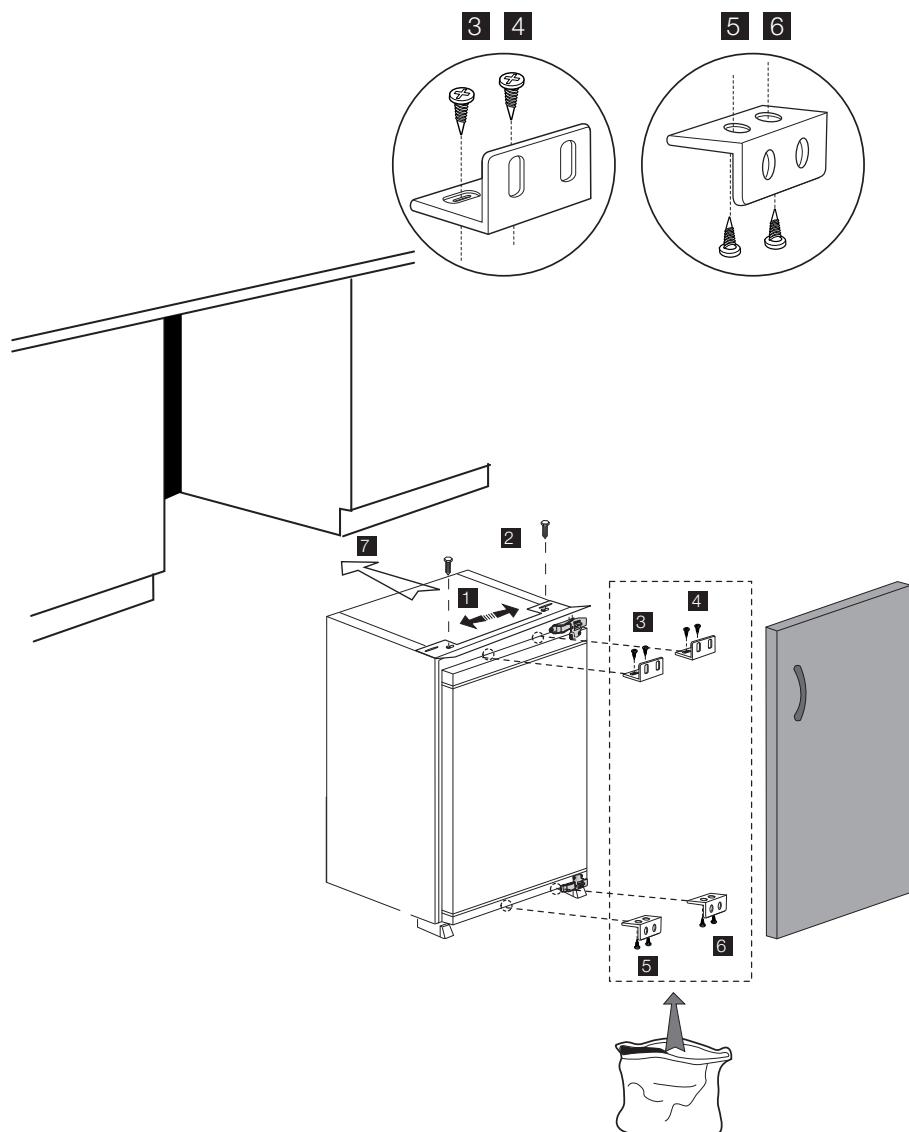


A (mm)	813 - 878 mm
B (mm)	820 - 885 mm
C (mm)	100 - 165 mm

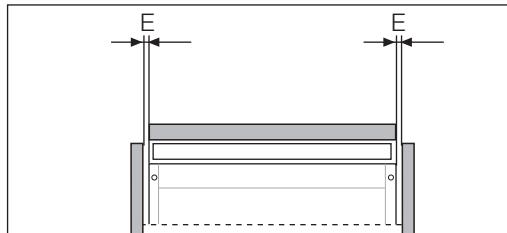
NOTE

- 1) Height of the product can be adjusted by the help of adjustable feet (front and back) to fit the furniture niche height (B).
- 2) Do not operate this appliance until it has been installed in the furniture.

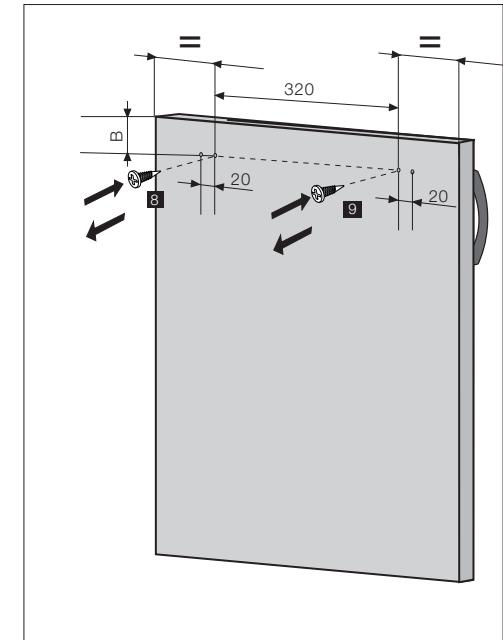
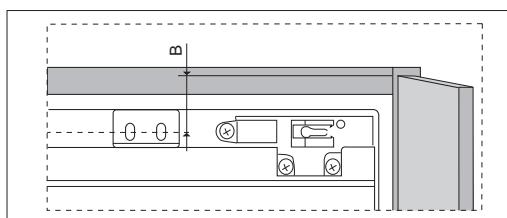




Top view $E = 1,5$ mm is recommended.

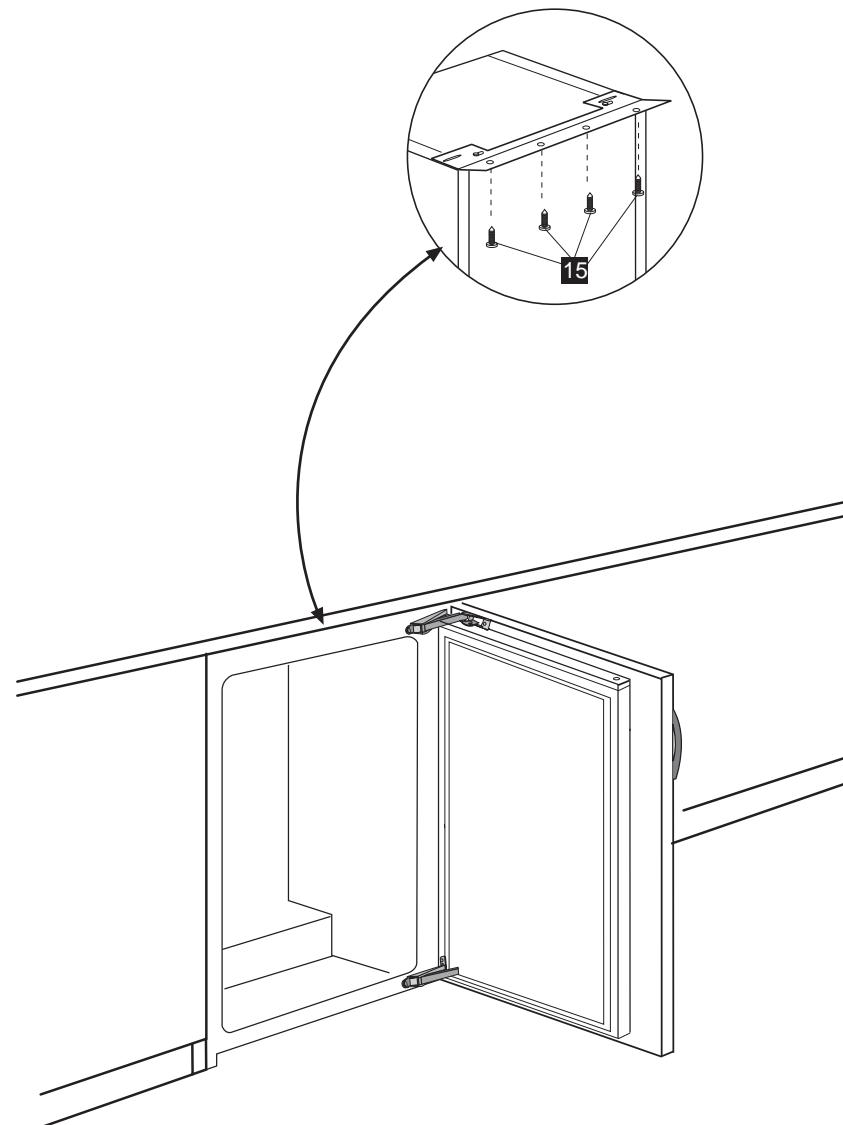
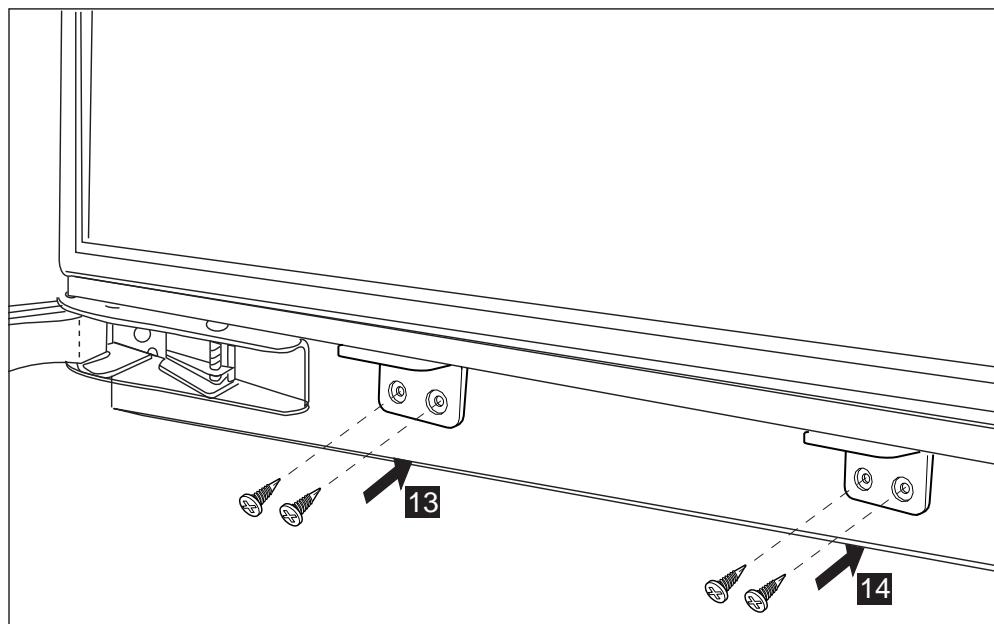
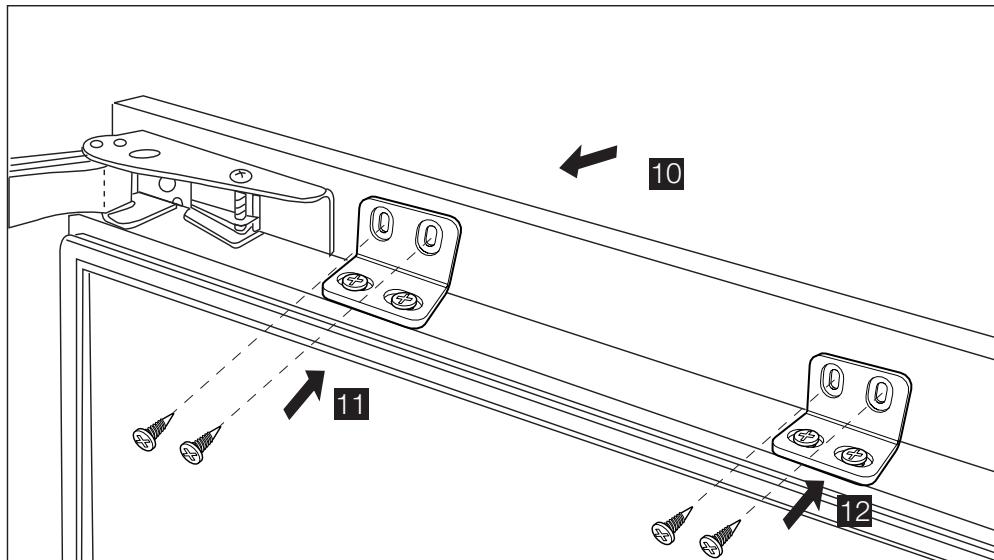


Front view $B = 25$ mm minimum.



Note:

1. These dimensions are valid for products, which are hinged on right hand side.
2. When door opening direction is reversed, mirror image of this instruction should be considered. That is, dimensions should be considered for opposite sides.



GUARANTEE DETAILS

Your new **LAMONA** product is guaranteed against the cost of breakdown repairs for two years from the date of the original purchase.

What is covered?

- Repairs necessary as a result of faulty materials, defective components or manufacturing defect.
- The cost of functional replacement parts, but excluding consumable items.
- The labour costs of a **LAMONA** approved repairer to carry out the repair.

What is not covered?

- Transit, delivery or accidental damage or misuse and abuse.
- Cabinet or appearance parts, including knobs, flaps, handles or container lids.
- Accessories or consumable items including but not limited to, ice trays, scrapers, cutlery baskets, filters and light bulbs.
- Repairs required as a result of unauthorised repair or inexpert installation that fails to meet the requirements contained in the user instruction book.
- Repairs to products used on commercial or non-residential household premises.
- Loss of frozen food in freezers or fridge/freezers. (Food loss insurance is often included within your household contents insurance policy, or may be available separately from your retailer).

Important notes.

- Your **LAMONA** product is designed and built for domestic household use only.
- The guarantee will be void if the product is installed or used in commercial or non-residential domestic household premises.
- The product must be correctly installed, located and operated in accordance with the instructions contained in the User Instructions Booklet provided.
- The guarantee is given only within the boundaries of the United Kingdom.
- The guarantee is applicable only to new products and is not transferable if the product is resold.
- **LAMONA** disclaims any liability for incidental or consequential damages. The guarantee does not in anyway diminish your statutory or legal rights.

YOUR GUARANTEE

Product Guarantee Details (UK 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 ACCCOMPANIED 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.

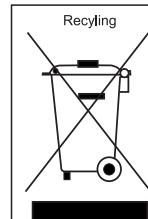
(The guarantee in no way affects your statutory or legal rights)

What to do if you need to report a problem-

Please ensure you have ready:

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

Call the Lamona Service Line on 0845 00 60 006



This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European Directive 2002/96/EC in order to be recycled or dismantled to minimize its impact on the environment. For further information, please contact your local or regional authorities.

Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.

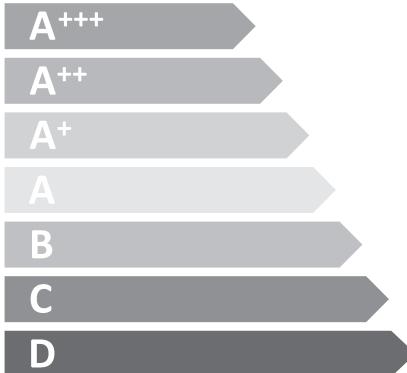


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LAMONA HJA 6312

Exclusive to Howdens Joinery Co.



ENERGIA · ЕНЕРГИЯ
ΕΝΕΡΓΕΙΑ · ENERGIJA
ENERGY · ENERGIE · ENERGI

118
kWh/annum



128 L

2010/1060





39 dB

LAMONA

Exclusive to Howdens Joinery Co.

THORPE RD HOWDEN
DN147PA

Made in Turkey

INSULATION GAS : CYCLOPENTANE



FUSE 13 A

TÜV Rheinland Group

MODEL NO	HJA6312
CLASS	SN-T
TYPE	I
TOTAL GROSS VOLUME	130L
FRIDGE COMP. NET VOL	128L
FREEZER COMP. NET VOL	-
FROZEN FOOD COMP. NET VOL	-
FREEZING CAPACITY	-

VOLTAGE	230V~
FREQUENCY	50 Hz
WATTAGE	60 W
CURRENT	0.35 A
REFRIGERANT TYPE	R 600 a
REFRIGERANT CHARGE	19 g

Printed in Turkey

Part no: 48 9243 0000/AE