FISHER & PAYKEL

INTEGRATED REFRIGERATOR FREEZER

RB2470BRV

USER GUIDE

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To register your product visit our website: fisherpaykel.com/register

⚠ WARNING!



Electric Shock Hazard

Failure to do so can result in death, electric shock, fire or injury to persons.

- Read and follow the safety and warnings outlined in this guide before operating this appliance.

⚠ WARNING!



Tip Hazard

- This product may tip until it is fully installed. Keep children away and take care. Failure to follow this advice may result in injury.
- This appliance is top-heavy and must be secured to prevent the possibility of tipping forward.

⚠ WARNING!



R600a

This appliance contains flammable refrigerant isobutane (R600a).

READ AND SAVE THIS GUIDE

WARNING!

Read Safety Guide. Failure to follow all guides and rules could cause personal injury or property damage. When using this appliance, always exercise basic safety precautions including the following:

General Use

- This product has been designed for use in a normal domestic (residential) environment.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be undertaken by children without supervision.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- The manufacturer's installation instructions for product and cabinetry ventilation must be followed when installing the appliance.
- To avoid hazard due to instability of the appliance, it must be fixed in accordance with installation instructions.
- Keep ventilation openings, in the appliance enclosure or the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- In case of damage to the refrigerant circuit, ventilate the area by opening all windows.
- Do not operate electrical equipment or any other equipment that may produce arcs, sparks or flames in the area. Contact your Fisher & Paykel trained and supported service technician immediately to arrange for the appliance to be repaired.
- This refrigerating appliance is intended to be used at ambient temperatures ranging from 61°F (16°C) to 100°F (38°C). The product performance may be compromised when operating outside of this temperature range.
- For storage of general household foods in the most efficient manner, it is recommended to use the product in the factory configuration supplied. Moving the shelves and bins will have a minimal impact on efficiency.
- It is hazardous for anyone other than a Fisher & Paykel trained and supported service technician to service this appliance.
- Ensure the installer has completed the final checklist in the installation guide.

Electrical

- This appliance must be installed in accordance with the installation instructions before use.
- To allow disconnection of the appliance from the supply after installation, incorporate a switch in the fixed wiring in accordance with the wiring rules.
- Never unplug your refrigerator by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not plug in any other appliance at the same power point as your refrigerator or use extension cords or double adapters.
- Repair or replace immediately all electric service cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion along its length or at either the plug or appliance end.
- If the power supply cord is damaged, it must only be replaced by your Fisher & Paykel trained and supported service technician because special purpose tools are required.

- When moving your appliance away from the wall, be careful not to roll over or damage the power cord.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- When positioning the appliance, ensure the power cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Food safety

- Regularly clean accessible draining systems and surfaces that come in contact with food.
- Ensure any raw meat or fish is stored in sealed containers to prevent cross-contamination.
- Immediately clean any drips or spills on surfaces.
- If the appliance will be left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.

Storing food and drinks/wine

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Never store volatile or flammable materials in your appliance as they may explode.
- Never freeze liquids in glass containers. Liquid expands during freezing, which may cause the container to explode.
- Never freeze carbonated drinks. They may explode.

Servicing

- Your refrigerator is designed to operate for many years without the need for service checks. However, if your refrigerator is malfunctioning, have it attended to by your Fisher & Paykel trained and supported service technician as soon as possible. All electrical repairs must be carried out by an adequately trained service technician or qualified electrician.
- The LED light cannot be serviced by the user. Contact your Fisher & Paykel Dealer or Fisher & Paykel trained and supported service technician.
- If you suspect that the product is not getting cold — items such as ice cream are melting— remove all perishable food and store in another appliance or cooler to prevent spoilage. Immediately call for a service technician.

Cleaning

- Use mild dish-washing liquid with warm water and a lint-free cloth to clean the product.
- Avoid using anti-bacterial cleaning products on either the interior or exterior of the cabinet as they may cause rusting of metal components and cracking of plastic components.

Disposal

- Extreme care must be taken when disposing of your old appliance to avoid hazards:
- The flammable refrigerant gas must be safely removed by a qualified service technician.
- The thermal insulation foam in this appliance may contain flammable insulation blowing gases, any exposed foam may be highly flammable and must be carefully treated during disposal.

- WARNING: Risk of child entrapment. Before you throw away your old refrigerator or freezer, the doors and panels should be removed and the racks left in place so that children may not easily climb inside.
- Consult your local energy authority or local codes as to the best way to dispose of your old appliance.
- Remove all packaging and dispose of it responsibly. Recycle items that you can.

Power failure

- In the event of a power interruption, the appliance will automatically save the current temperature settings. When power is recovered, the appliance will revert to the current temperature settings only.
- Most power failures are corrected within a short period of time. 1 – 2 hours loss of power will not affect the appliance's temperatures.
- To avoid sudden change of temperature while the power is off, you should avoid opening the door. A refrigerator will keep food safe for up to 4 hours during a power outage. Keep the door closed as much as possible. Discard refrigerated perishable food such as meat, poultry, fish, eggs, and leftovers after 4 hours without power.

IMPORTANT!

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.
- Do not change or modify the wireless communication device in any way. Changes or modifications not expressly approved by Fisher & Paykel could void the user's authority to operate the equipment **.**

WARNING: The incorporated Wi-Fi module in this appliance is to operate only from channel 1 to channel 11 as per FCC rules.

This device contains licence-exempt transmitter/receiver that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

PRIOR TO INSTALLATION

- Your appliance may include front and rear rollers designed for moving the appliance forward and backward. Do not move the appliance sideways as this may damage the rollers or the floor covering / surface.
- The appliance must be installed by a qualified installer, or Fisher & Paykel trained and supported service technician to avoid faulty electrical connection and water leaks.
- All connections for water, electrical power and grounding must comply with local codes and ordinances and be made by licensed personnel when required.
- Avoid installation of the appliance/s under a ground fault circuit interrupter (GFCI).
- Ensure the appliance is installed properly. Improper installation that results in appliance failure is not covered under the appliance warranty.

Check the cabinetry

- Check the dimensions — height, width, depth, floor level, finished alcove returns.
- Ensure that the ventilation openings in the cabinetry are clear of obstruction.
- For integrated installation, a finished return of solid material is required across the top and sides of the new or existing alcove.
- Refer to the 'Product and Cavity Dimensions' prior to installation of the appliance.

Check the power supply

- Ensure that there is a separate power outlet for the appliance.
- Avoid sharing the power point with other appliances to prevent the appliance from accidentally switching off.
- For power requirements, refer to the information on the serial plate. This is located at the front right-hand side of the drawer when open.
- Do not remove the ground prong from the fitted power cord plug.
- Connect the appliance to a grounded electrical supply (115 V, 60 Hz) with fitted power cord.
- We recommend to use an isolating switch that is easily accessible to the user after the appliance is installed.
- Follow the National Electrical Code, Canadian Electrical Code and all other local codes and ordinances when installing this appliance.

All product information, including product user guides and installation guides, can be sourced and downloaded from www.fisherpaykel.com

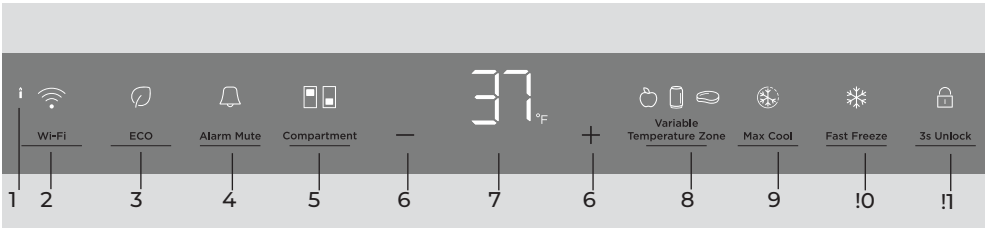
PRODUCT OVERVIEW



Features

1	Control panel	6	Upper freezer bin
2	Adjustable glass shelves	7	Middle freezer bin
3	Adjustable door shelves	8	Lower freezer bin
4	Humidity control bin	9	Bottle holders (not shown)
5	Variable Temperature Zone	!0	Ice trays (not shown)

CONTROL PANEL



1	Sabbath mode		For the Sabbath observant. Lights up when SABBATH MODE is ON. Deactivates alarms, lights and the display for 80 hours.
2	Wi-Fi		Press and hold to turn WI-FI on or off and connect the product to the app.
3	ECO		Sets each compartment at the optimal temperature to balance food care and energy efficiency. Press to turn ECO on or off.
4	Alarm Mute		Press to mute the door alarm. Turns off if you press ALARM MUTE, close the door or after 20 minutes.
5	Compartment selector		Press COMPARTMENT to select the refrigerator or freezer compartment when adjusting temperature settings.
6	Temperature adjusters	— +	Press to increase or decrease temperature.
7	Display		Displays the temperature in Fahrenheit or Celcius.
8	Variable Temperature Zone mode selector		Press to set the Variable Temperature Zone mode to FRUIT & VEGETABLE, BEVERAGE, or MEAT & SEAFOOD.
9	Max Cool		Quickly cools items by dropping refrigerator to its coldest temperature for 4 hours. Press to turn MAX COOL on or off.
!0	Fast Freeze		Quickly freezes items by dropping freezer to its coldest temperature for 50 hours. Press to turn FAST FREEZE on or off. We recommend setting FAST FREEZE up to 24 hours before adding items.
!1	3s Unlock		Press and hold to unlock the controls and adjust settings. Controls will lock automatically after 30 seconds without use.

USING YOUR REFRIGERATOR FREEZER

COMPARTMENT	RECOMMENDED USE
Refrigerator (34 to 43°F)	For fresh, everyday foods such as dairy products, leftovers, ready-to-eat foods, sauces and preserves.
Humidity Control bin	Designed to keep salads, fruit and vegetables crispy and fresh.
Variable Temperature Zone	Three available modes to suit a variety of fresh food and beverages.
Freezer (-11 to 7°F)	For general frozen items that require storage between 1–12 months.

First use

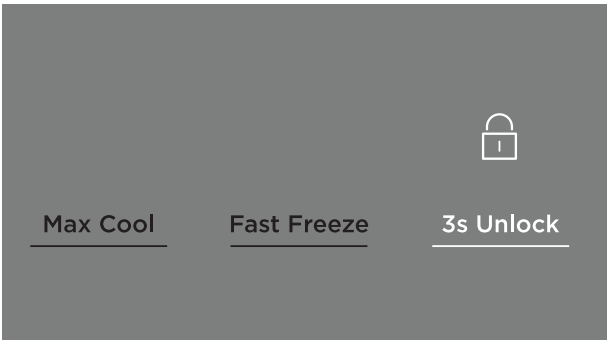
Your appliance will turn on as soon as it is connected to the power supply.

It may take up to 12 hours for each compartment to reach the default temperatures: Refrigerator (37°F) and Freezer (0°F). The Variable Temperature Zone will automatically default to FRUIT & VEGETABLE.

Control lock

Your appliance control panel is locked by default. You must unlock the controls each time you want to adjust the appliance settings.

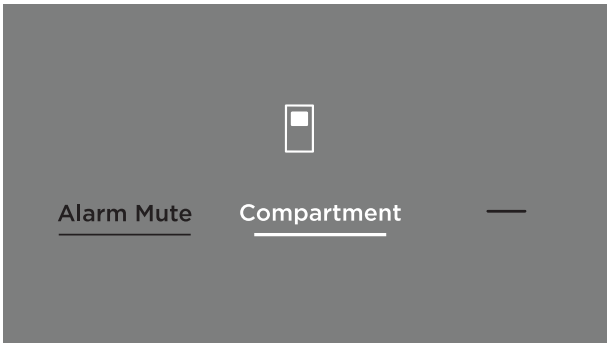
Once unlocked, the control panel will relock automatically after 30 seconds with no interaction.



Unlocking the controls

Press and hold 3S UNLOCK until the indicator light turns off.

ADJUSTING THE TEMPERATURE



1. Press COMPARTMENT to select the compartment you want to adjust.



2. Press PLUS + or MINUS — to increase or decrease the temperature. The new temperature will save after 5 seconds.



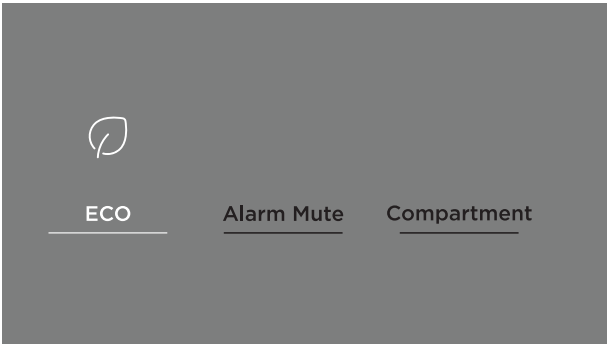
3. If required, press and hold PLUS + for six seconds to switch temperature display between Fahrenheit and Celcius.

USING ECO

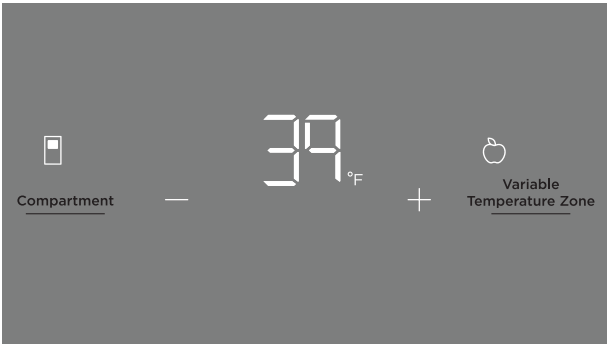
ECO is the most energy efficient setting for your appliance. It balances food care and energy use by setting the refrigerator temperature to 39°F, the freezer temperature to 5°F and the Variable Temperature Zone to FRUIT & VEGETABLE ..

Tips for energy efficiency

- Use ECO.
- Open the appliance door as little and as briefly as possible.
- Allow warm food to cool before storing.
- Avoid overfilling the appliance or blocking the air outlet.



Press ECO to turn ECO on or off.



The appliance will change to the fixed ECO settings for the refrigerator, freezer and Variable Temperature Zone.

You can not adjust temperatures or use MAX COOL or FAST FREEZE while ECO is on.

USING THE VARIABLE TEMPERATURE ZONE

The Variable Temperature Zone lets you change between three modes – Fruit & Vegetable, Beverage and Meat & Seafood.

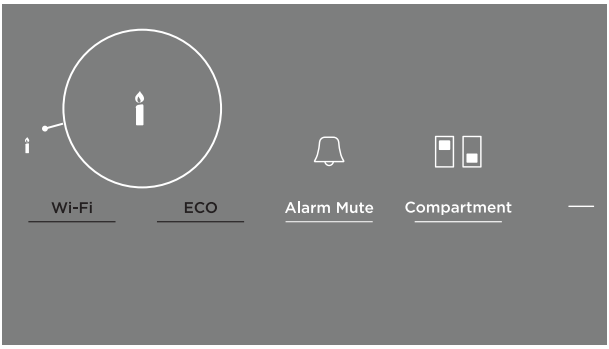
MODE		
FRUIT & VEGETABLE		Suitable for fresh fruit and vegetables like apples, carrots and broccoli. Not suitable for cold-sensitive produce like potatoes, bananas and avocados.
BEVERAGE		Ideal for chilling beverages such as soft drinks, fruit juice, beer, champagne and wine.
MEAT & SEAFOOD		Ideal for storing fresh meats and seafood that you do not want to freeze.



Press VARIABLE TEMPERATURE ZONE as required to select the desired mode.

USING SABBATH MODE

For the Sabbath observant. Sabbath Mode deactivates the alarms, light and display for 80 hours.



Turning SABBATH MODE on

Press and hold ALARM MUTE, COMPARTMENT and MINUS — together until the SABBATH MODE indicator turns on.



Turning SABBATH MODE off

Press and hold ALARM MUTE, COMPARTMENT and MINUS — together until the SABBATH MODE indicator turns off.

ADJUSTING THE SHELVES AND BIN



Glass shelves

Adjust height or remove as needed.

To remove, tilt shelf up and pull it towards you.

To refit, sit the shelf back onto supports at the desired height.



Door shelves

Adjust height or remove.

To remove, hold shelf on each side and lift it up to dislodge it from supports.

To refit, sit the shelf back onto supports and push it firmly into place.



Removing the bins

Pull bin towards you, and lift it to remove. To refit, lower it into place and push it back in.

WI-FI CONNECTION

Your appliance may be connected to your home wireless network and operated remotely using the app.

Getting started

- Ensure your home Wi-Fi network and Bluetooth on your mobile device are turned on.
- You will be given step-by-step guidance on mobile device.
- It may take up to 10 minutes to connect your appliance.

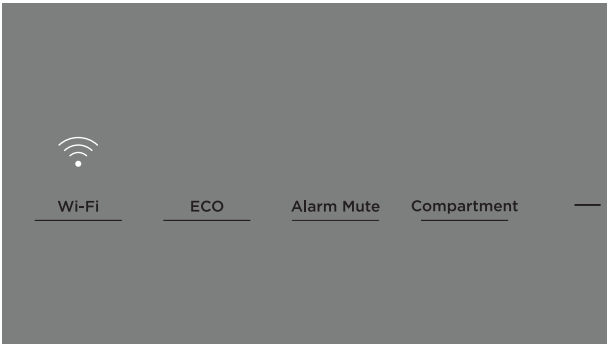
On your mobile device:

1 Download the app from www.fisherpaykel.com/connect
2 Register and create an account.
3 Add your appliance and set up the Wi-Fi connection.



Connecting to Wi-Fi

1. Unlock the controls and press WI-FI to start the connection.



2. Follow the instructions in the app to complete the connection.

Once connected, WI-FI will remain illuminated.

Press and hold WI-FI to disconnect.

CARE AND CLEANING

Surfaces, shelves and racks

Remove racks, then wipe interior surfaces with a damp cloth and mild detergent. Dry with a clean, lint-free cloth. Use a small brush to clean difficult to reach spots if needed.

Do not use hot water to clean cold glass shelves as this may cause the glass to break.

We do not recommend using the following cleaning products as they may cause damage:

- Plastic or stainless steel scouring pads
- Abrasive, solvent, household cleaners
- Acid or alkaline cleaners
- Hand washing liquids or soap
- Stainless steel cleaners or polishes
- Laundry detergents or disinfectants

Door seal

Use a small brush to clean around the door seal as needed.

Defrosting the freezer

You do not need to defrost the freezer. It defrosts automatically.

Bins

Bins can be removed for cleaning. Wipe clean with a damp cloth and mild detergent, then dry with a clean, lint-free cloth. See 'Adjusting the shelves and bins'.

If appliance powered off for a long period

If you intend not to use the appliance for a long period, disconnect it from the power supply, empty it, clean it thoroughly and leave the door open.

Moving the appliance

- Remove all food.
- Disconnect the appliance from the power supply.
- Secure the shelves and other moveable parts with tape.
- Carefully shift the appliance.



Keep the appliance at a 45° angle when shifting.

Tilting more than 45° can damage the refrigeration system.

TROUBLESHOOTING

General use

Why will the product not turn on?

- No power. Make sure the product is connected to the power supply and switched on at the wall.
- Check the circuit breaker, or check if there is a power cut in your home or area. If the product still won't turn on, call Customer Care or your Authorized Service Centre.

Why are the controls not working?

- The product is locked. Press and hold 3S UNLOCK to unlock the controls.

Why is the display not working?

- The product may be in Sabbath Mode. Press and hold ALARM MUTE, COMPARTMENT and MINUS — together to exit this mode.

Why is the light not working?

- Product is not switched on. Check it is turned on at the wall or the isolating switch.
- Light needs to be replaced. Call Customer Care or your Authorized Service Centre.

Why are the storage compartments too warm?

- Temperature setting not correct. See 'Adjusting the temperature.'
- Frequent door openings. Minimise door openings to allow temperature to stabilise.
- Large number of beverages have been recently added. Take care not to overfill.

Why is the product making unfamiliar noises?

- Product is not stable or level. Check Installation guide at www.fisherpaykel.com or call Customer Care or your Authorized Service Centre.
- Freezer is defrosting. This is normal.

Why is food freezing in the refrigerator?

- Temperature setting needs to be increased. See 'Adjusting the temperature'.

Why can I not select a mode?

- Not all modes are available in all compartments.

TROUBLESHOOTING

Why is there water in the bins?

- Fruit and vegetables can generate moisture and create condensation. Some condensation is beneficial when storing fruit and vegetables. Wipe out excess water with a cloth.

Why does the bin not slide in and out smoothly/fully?

- Packaging is trapped. Check to ensure nothing is trapped behind the bin.
- Runners not regularly extended. Pull them out to restore full extension. Do not remove the grease from the runners.

Why is there condensation/ice in the compartment?

- This is normal during periods of high humidity. Wipe dry with a lint-free cloth.
- Frequent or too long door openings. Minimise door openings.
- Door gasket is leaking. Check and clean the door gasket seal.
- Door not closing tightly. Rearrange items so door can close.
- Doors not aligned. Call Customer Care or your Authorized Service Centre.

Why is there condensation on the outside of the product?

- This is normal during periods of high humidity. Wipe dry with a lint-free cloth.

Why is the door not closing?

- Items in the product are preventing door from closing tightly. Rearrange items so door can close.
- Product is not installed correctly. Check Installation guide at www.fisherpaykel.com or call Customer Care or your Authorized Service Centre.

Why are frozen food items soft or melting?

- Temperature setting needs to be adjusted. Refer to ‘Adjusting the temperature’.
- Remove items and place in another freezer or cooler, and call Customer Care or your Authorized Service Centre.

Why are the icons turning on and off and the refrigerator is not cold?

- Refrigerator is in demo mode. To exit demo mode:
  - Press and hold ECO for 8 seconds, then turn the product off and on at the power supply.
  - After restarting, ensure the icons stay on without flashing for at least 1 minute.

MANUFACTURER'S WARRANTY AND SERVICE GUIDE

US

To access your Warranty and Service Guide

Scan the QR code with your smartphone to access your warranty and book a service, refer to your separate warranty and service book or view online at https://www.fisherpaykel.com/us/help-and-support/warranty-information

CA

To access your Warranty and Service Guide

Scan the QR code with your smartphone to access your warranty and book a service, refer to your separate warranty and service book or view online at https://www.fisherpaykel.com/ca/help-and-support/warranty-information

This product has been designed for use in a domestic (residential) environment. This product is not designed for any commercial use. Any commercial use by the customer will affect this product's Manufacturer's Warranty.

Complete and keep for safe reference:

Model _____

Serial No. _____

Purchase Date _____

Purchaser _____

Dealer _____

City _____

State _____

Zip _____

Country _____

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The models shown in this guide may not be available in all markets and are subject to change at any time.

The product specifications in this guide apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time.

For current details about model and specification availability in your country, please go to our website or contact your local Fisher & Paykel dealer.