

Quickstart guide

ActiveSmart™ refrigerators

Ice & Water and Non-Ice & Water

E372B, E402B, E406B, E522B, RF522W, RF522A & RF540A/RF610A models

Fisher & Paykel

EU

Introduction

Thank you for buying a Fisher & Paykel ActiveSmart™ refrigerator. This is a Quickstart Guide to help you install and use your refrigerator. For more detailed information please refer to the User Guide supplied with your product or visit www.fisherpaykel.eu.

Important safety precautions

All models

WARNING! – When using your refrigerator, follow basic precautions, including the following:

- Read all instructions before using the refrigerator.

Danger

- This appliance is not intended for use by persons (including children under the age of 8) 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 and the hazards involved by a person responsible for their safety.
- Cleaning and user maintenance shall not be made by children without supervision.
- Young children should be supervised to ensure they do not play with the appliance.
- Risk of child entrapment. Before you throw away your old refrigerator:
 - Take off the doors
 - Leave the shelves in place so that children may not easily climb inside.
- The manufacturer's installation instructions for product and cabinetry ventilation must be followed when installing the appliance.
- Keep ventilation openings, in the appliance enclosure or in 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.
- Refer to the stability bracket and leaflet supplied to avoid hazard due to instability of the appliance.



This refrigerator may contain the flammable refrigerant isobutane.

Electrical

- This appliance must be properly installed in accordance with the installation instructions before it is used.
- 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 Appliances Authorised Service Centre 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.
- Unplug your refrigerator before cleaning or replacing the lightbulb.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

Storing food and drinks

- DO NOT store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Never store volatile or flammable materials in your refrigerator as they may explode.

- Never freeze carbonated drinks or liquids in glass containers. Liquid expands during freezing, which may cause the container to explode.
- Do not consume food if it is too cold. Food removed from the freezer compartment may be cold enough to cause damage when brought into contact with bare skin, eg frozen ice cubes.

Cleaning

- The exterior and interior of your refrigerator should be regularly cleaned. Only clean it with a solution of liquid dishwashing detergent dissolved in warm water. Do not use any other cleaning products as they can contain solvents which cause plastic components of your refrigerator to crack.

Ice & water models only

- DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- WARNING – connect to potable water supply only.
- DO NOT install on line pressure above 827 kPa (119 psi) or below 150 kPa (22 psi).
- DO NOT use on hot water supply (38°C [100°F max.]).
- DO NOT cut any length of tube shorter than 200 mm (8").
- DO NOT install near electrical wires or water pipes that will be in the path of drilling when selecting the location of filter system.
- DO NOT mount filter in such a position so that it will be struck by other items, such as wastebaskets, etc.
- DO NOT install the filter or any water tubing in direct sunlight as prolonged exposure to light can weaken plastic components.
- DO NOT install in a location that is susceptible to freezing temperatures as damage to the housing could occur.
- DO NOT screw filter to fridge.
- DO NOT install the filter or any water tubing in high temperature areas eg in a ceiling cavity.
- AVOID contamination of pipes during installation.
- DO NOT use copper tubing. The plastic tubing supplied should always be used.
- DO NOT continuously dispense water for longer than 2 minutes.

1 INSTALLATION INSTRUCTIONS

1a Power

- The appliance must be installed so the plug is accessible.
- To ensure that the appliance is not accidentally switched off, connect your refrigerator to its own power point.
- For power requirements, refer to the information on the serial plate located at the front bottom right-hand side of the refrigerator when the door is open.
- It is essential that the appliance be properly grounded (earthed).
- If your refrigerator is turned off for any reason, wait 10 minutes before turning it back on.

1b Location

- Your refrigerator should not be located in direct sunlight or next to any heat generating appliance such as a cooktop, oven or dishwasher.
- If your product is an Ice & Water model, a water supply must be available to connect to the refrigerator. See panel 4 for installation instructions.

1c Ventilation and installation

When installing your refrigerator, ensure you allow adequate ventilation around the cabinet. The following dimensions are the minimum air clearances:

Both sides = 20 mm Rear = 30 mm Top = 50 mm

- Ensure you allow sufficient space to open your refrigerator and freezer door adequately.
- The table and diagrams in the Installation instructions in the User Guide, details all the necessary cabinet dimensions.

1d Ice and water installation

Important!

- It is imperative the pressure reducing valve (PRV) is fitted prior to the filter. This valve ensures the water will not flow back into the mains from the refrigerator water system. If the PRV is not fitted to the connection line your Ice & Water refrigerator features may not function in some circumstances.
- Water connection should be installed by an authorised plumber or authorised Fisher & Paykel service person. Instructions are intended only for the professional installer, please follow to ensure appliance operates correctly.
- The new tubings supplied with the machine are to be used, old tubings should not be used.

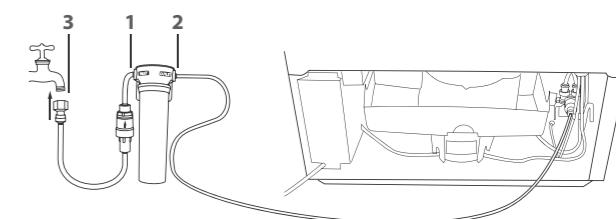


Fig.1 Connection to water supply

- 1 Ensure that refrigerator is not plugged into a power supply.
- 2 Locate isolation tap for water connection – cold water feed only (dishwasher or sink mixer taps). Tee and tap fitting is not supplied.
- 3 Connect the 200 mm blue tubing to the outlet of the PRV (blue collet) and the inlet connection of the water filter cartridge as shown in Fig.1 Point 1. Gently pull on both ends to ensure it is locked.

- 4 Connect the white 6 mm tubing to the outlet of the water filter cartridge as shown in Fig.1 Point 2. Gently pull to ensure it is locked.
- 5 Measure the required length of tubing to run from the PRV to the water connection point (no less than 250 mm (10")).
- 6 Cut the tubing making sure the ends are square and clean.
- 7 Connect the tubing to the tap connection and the base of the PRV (white collet) and then to the tap as shown in Fig.1 Point 3. Please note that the tap connection supplied should fit most installation situations.
- 8 Connect one locking key to each side of the water filter cartridge in between the cartridge and the locking collet.
- 9 To flush the water filter and check for leaks, aim the end of the tubing into a bucket, turn isolating tap on and run at least 10 L of water through.
- 10 Locate desired position for water filter noting the following points:
 - Fit the water filter in a vertical orientation (water filter head at the top).
 - Ensure the filter is in a convenient location to access every 6 months for replacement.
 - A minimum clearance of 64 mm from the bottom of the filter cartridge is required to perform cartridge removal.
 - Do not screw water filter to refrigerator.
- 11 Attach double sided foam to the back of the water filter head and attach filter in the desired position.
- 12 Run the 6 mm tubing to back of the fridge ensuring there is enough tubing to pull out the refrigerator for service.
- 13 Connect tubing into the water (solenoid) valve located on the right hand side of the unit (compressor) compartment. Beware of hot pipes.
- 14 Pull gently on tubing to ensure it is locked in.
- 15 The completed installation should look like Fig.1.
- 16 Turn isolating tap on and check that all connections are dry and free of drips.
- 17 Coil water line tubing behind the fridge. Push your refrigerator into place being careful not to kink or squash the water line running into the water (solenoid) valve.
- 18 The first time you dispense water, there will be a delay while the water tank fills up.
- 19 Run a further 3 L through the system to ensure the tank is flushed out.
- 20 You are now ready to enjoy chilled water and ice dispensing from your ActiveSmart™ refrigerator.

1e Stability

- It is important that all four corners of the refrigerator base are supported firmly on the floor to eliminate any cabinet movement.
- Installing the appliance on a soft or uneven or unlevel floor may result in twisting of the cabinet and poor sealing of the doors.
- Before moving your refrigerator into its position, ensure that the adjustable front feet are fully retracted by turning them anticlockwise.
- Position your refrigerator. Turn the adjustable feet clockwise, to lower the adjustable front feet. Raise the front of the appliance until it is stable and the doors move towards the closed position, on their own, when open.
- The front levelling foot on the hinge side should take the majority of the weight of the cabinet and the cabinet should be stable, ie cabinet should not rock or wobble.

1f Levelling of refrigerator doors (French door models only)

- For uneven surfaces, front feet can be used to align the 2 doors.
- If left hand door is too low, then unscrew the left hand foot to lift up the cabinet until the two doors top edges are aligned. If right hand door is too low, then adjust the right hand foot in the same way.

1g Before placing food in the fresh food or freezer compartments

- Remove all packaging from the refrigerator, clean the inside of the appliance, then run the refrigerator empty for 2 – 3 hours before placing food inside.

Energy efficiency

For the most energy efficient use of your appliance:

- Do not cover your appliance with any material that will prevent air from flowing around the cabinet sides.
- Allow good clearances in front of air ducts within the cabinet for maximum cold air distribution.
- Cool hot foods down before placing them in the appliance.
- Do not overfill the compartments.
- Keep door openings to a minimum.
- Select a temperature setting that isn't too cold.
- Check your door seals for leaks.

2 USING THE INTERNAL CONTROL PANEL

All models are fitted with an internal display which consists of several LED indicators and several capacitive touch buttons. Three versions of the internal display are shown below.

Internal control panel

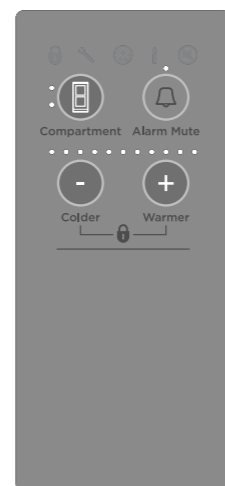


Fig.2 Internal control panel for Tasman models

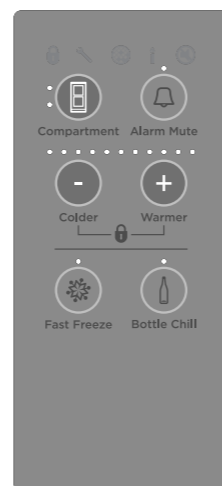


Fig.3 Internal control panel for Designer and Elegance models

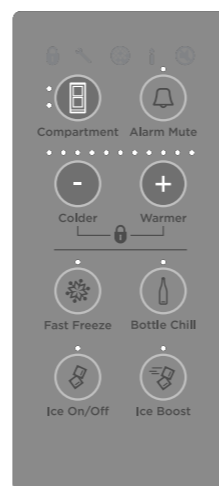


Fig.4 Internal control panel for Ice & Water models

2a Temperature adjustment

When the refrigerator is first turned on, the powerful cooling system will automatically cool both refrigerator and freezer compartments to their set temperatures. This will take between 2 – 3 hours.

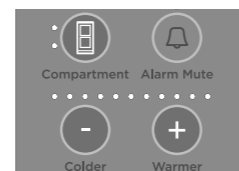




Fig.5 Internal controls for temperature adjustment

To adjust compartment temperatures:

- 1 The PC compartment LED will automatically be illuminated. The temperature will show as a series of LEDs.
- 2 Use the + or - to adjust the PC temperature.
- 3 To adjust the FC compartment temperature press the  button once so the FC compartment LED is illuminated.
- 4 Use the + or - to adjust the FC temperature.

2b Alarm Mute


This function silences the door alarm for 20 minutes for times when you require the door to be open for longer than normal eg when cleaning.

To activate, press the  button on the internal control panel. The Alarm Mute light will be illuminated when the function is activated.

2c Special functions






Fast Freeze (Designer and Ice & Water models only)

FAST FREEZE boosts the freezing speed by dropping the freezer to its coldest temperature for 12 hours, which helps to ensure vital freshness, texture and taste are retained during the freezing process.

- To activate, press the  button on the internal control panel. The FAST FREEZE light will be illuminated when the function is activated.

Bottle Chill (Designer and Ice & Water models only)

This function allows you to chill your beverages more rapidly in the freezer without the worry of forgetting about them. The timer is set for 15 minutes however the time taken to chill depends on the size of your beverage. If after 15 minutes your beverage is not cold enough, simply place it back in the freezer and reset the BOTTLE CHILL function.

- To activate, press the  button on the internal control panel. The BOTTLE CHILL light will be illuminated when the function is activated. The  icon will be illuminated on the external display (Ice & Water models only).
- An alarm will sound after the 15 minute time has elapsed.
- **For non Ice & Water models:** open the fresh food compartment door and press the  button on the internal control panel to silence the alarm.
- **For Ice & Water models:** the  icon will flash on the external display. Press the  button on the external display to silence the alarm.
- Remember to remove your beverage from the freezer.

2d Ice maker

Ice maker first use

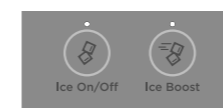






Fig.6 Internal controls for ice making

- When you first turn your refrigerator on after installation, the ice maker will be off. The light above the ICE ON/OFF icon will be off.
- To turn your ice maker on press the  button. The light above the ICE ON/OFF icon will be illuminated when the ice maker is on.
- Press and hold , , and  together for 4 seconds then close the door(s). The ice tray will flip. Force another flip. The ice tray will flip and spill the water into the ice bin. Empty water and replace bin.
- If the bin is full of ice, or inserted incorrectly, the ice maker will not operate. If all bins are removed the ice maker will not operate.
- Discard ice cubes made in the first 24 hours of operation.
- We recommend that you turn the ice maker off if:
 - The water supply is off for several hours,
 - The ice storage bin is to be removed for a period of time,
 - You are going on holiday/vacation.

3 USING THE EXTERNAL DISPLAY & DISPENSER




Ice & Water models are fitted with an external display and water dispenser.



Fig.7 External display and dispenser for Ice & Water models

3a External display

There is one button with LED indicator and two LED icons along the top of the display.

	Dispenser lock button and light
Lock	Locks/unlocks the water dispenser. Light is on when the water dispenser is locked.
	Bottle Chill indicator
	Indicates when BOTTLE CHILL is on and flashes when beverage is ready.
	Filter change indicator
	Indicates when the water filter requires changing.

3b Water dispenser

Water dispenser first use

- After installation, allow approximately a one minute delay while the dispensing pad is pushed until water is dispensed. This will allow the tank to fill completely.
- After you fill the tank, dispense and discard 3 L to flush the tank out.
- Please note that once installation is complete a few drips may appear out of the dispenser over the next few days as the remaining trapped air is cleared.

4 FURTHER INFORMATION

Before you call for service or assistance...

Check the things you can do yourself. Refer to the installation instructions, your User Guide – in particular the troubleshooting section and check that:

- 1 Your product is correctly installed.
- 2 You are familiar with its normal operation.

If after checking these points you still need assistance or parts, refer to www.fisherpaykel.eu for regional service providers.