

FISHER & PAYKEL

ACTIVESMART™ REFRIGERATOR

CONTEMPORARY

FRENCH DOOR REFRIGERATOR FREEZER ICE & WATER: RF178ANUX1, RF178ANJX1

FRENCH DOOR REFRIGERATOR FREEZER NON-ICE & WATER: RF178ANX1

REFRIGERATOR FREEZER NON-ICE & WATER: RF178WRNX1

REFRIGERATOR FREEZER ICE & WATER: RF178WRNUX1, RF178WRNJX1

INSTALLATION GUIDE

US CA

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Registration

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

⚠ WARNING!



Electric Shock Hazard

Failure to follow these may result in death, electric shock, fire or injury to persons.

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

⚠ WARNING!



Risk of fire/flammable material

- This refrigerator contains flammable refrigerant isobutane (R600a).

READ AND SAVE THIS GUIDE

Use this appliance only for the intended purpose as described in the user guide.

When using this appliance always exercise basic safety precautions including the following:

- 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.
- It is hazardous for anyone other than a Fisher & Paykel trained and supported service technician to service this appliance.

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 local wiring rules.
- If the power supply cord is damaged, it must only be replaced by your Fisher & Paykel trained and supported service technician.

- 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.
- **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

Water filter

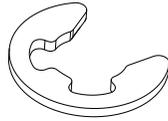
- The water connection to your Ice & water refrigerator must be installed by a qualified plumber or Fisher & Paykel trained and supported service technician and comply with all state and local laws.
- Installation and use **MUST** comply with all state and local plumbing codes. Check with your local public works department for plumbing codes. You must follow their guidelines as you install the water filtration system.
- To avoid serious illness or death, only connect your water filter to safe drinking water.
- The water filter cartridge needs to be changed when the replacement indicator icon illuminates. This will happen every 6 months.
- If the water filtration system has been allowed to freeze, replace filter cartridge. Failure to replace the disposable filter at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.
- In cases of excessively reduced filter life - we recommend that you consult a local plumber or your water supplier for advice on suitable filtration requirements for the water supplied to your home.
- Filter replacement is the consumer's responsibility and will not be covered by the warranty except in the case of faulty parts or materials within the filter cartridge.
- **If the water filtration system has been allowed to freeze, replace filter cartridge. Failure to replace the disposable filter at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.**
- Use new tubing supplied with the refrigerator. **DO NOT** reuse old tubing from old water and ice connections.
- Your water filtration system can withstand up to 120psi (827kPa) of water pressure. Ensure the supplied pressure reducing valve is installed before installing the water filtration system. **DO NOT** install if water pressure exceeds 120psi (827kPa).
- To reduce the risk associated with property damage due to water leakage or flooding: **DO NOT** install systems in areas where ambient temperatures may go above 38°C (100°F) or drop below 0.6°C (33°F).
- **DO NOT** install on hot water supply lines. The maximum operating water temperature of this filter system is 38°C (100°F).
- **DO NOT** install where water hammer conditions may occur. If water hammer conditions exist, you must install a water hammer arrester.
- Clean the water tanks if they have not been used for 48 hours. Flush the water system connected to the water supply if water has not been used for 5 days.
- To reduce the risk associated with choking: **DO NOT** allow children under 3 years of age to have access to small parts during the installation of the water filter.

SUPPLIED PARTS

MISCELLANEOUS ITEMS PACK

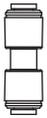


User/Installation guide (1)

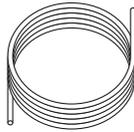


Hinge spacer (4)

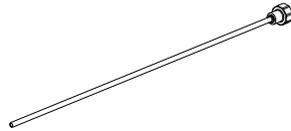
WATER FILTER KIT



Hose connector (2)



Water hose 4m (1)



Tap adaptor brass 7/16" +
0.8m PEX hose (1)

BEFORE INSTALLATION

Please follow the installation steps below to ensure your appliance operates correctly.

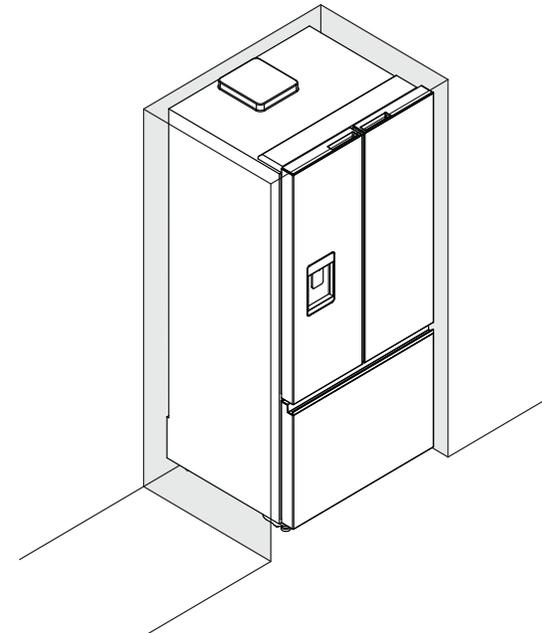
Before installation

Power

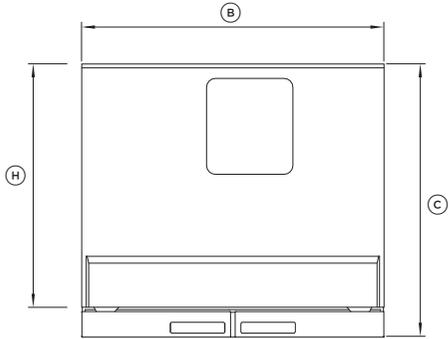
- Install your appliance where the plug is easily accessible.
- Connect your refrigerator to a separate power point. Avoid sharing the power point with other appliances. Do not use extension cords and double adaptors as the combined weight of two power cords can pull the double adaptor from the power outlet.
- 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.
- Ensure your appliance is properly grounded (earthed).
- Connect the appliance to the electrical supply (220V - 240V 50Hz) with the fitted plug and lead.
- Connections to the mains supply should be in accordance with local regulations.

Ice & Water and Automatic Ice models

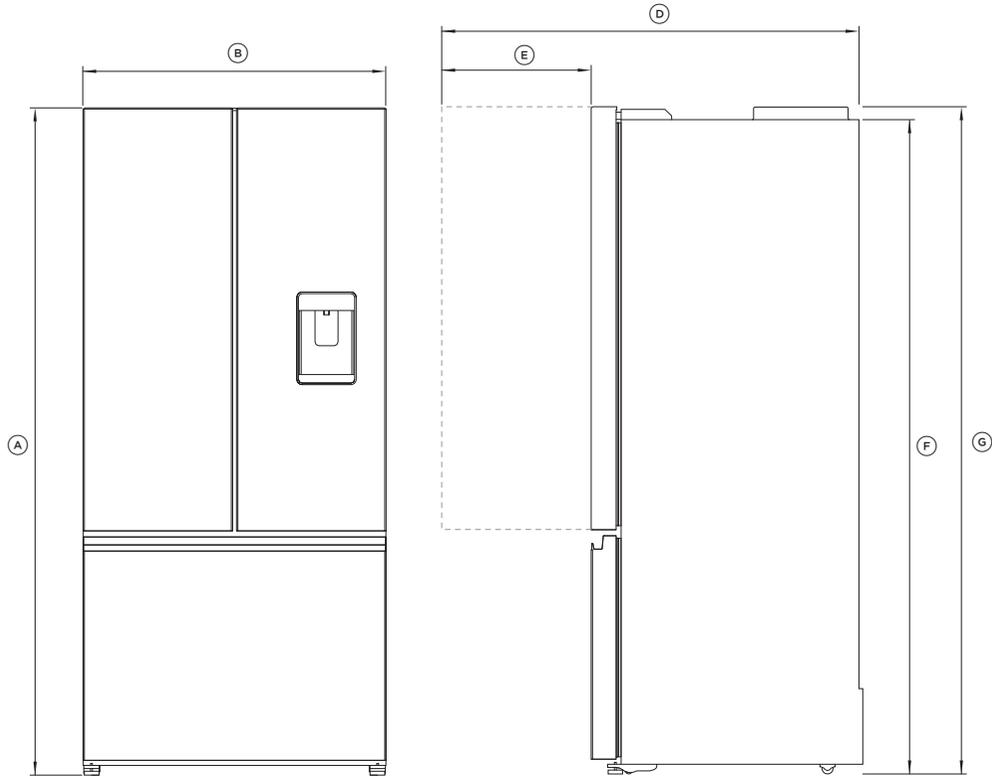
- Your Ice & Water and Automatic Ice refrigerator must be installed by a qualified plumber or Fisher & Paykel trained and supported service technician as incorrect plumbing can lead to water leaks.
- Fisher & Paykel Appliances does not accept responsibility for damage (including water damage) caused by faulty installation or plumbing.



PRODUCT DIMENSIONS



PLAN



FRONT

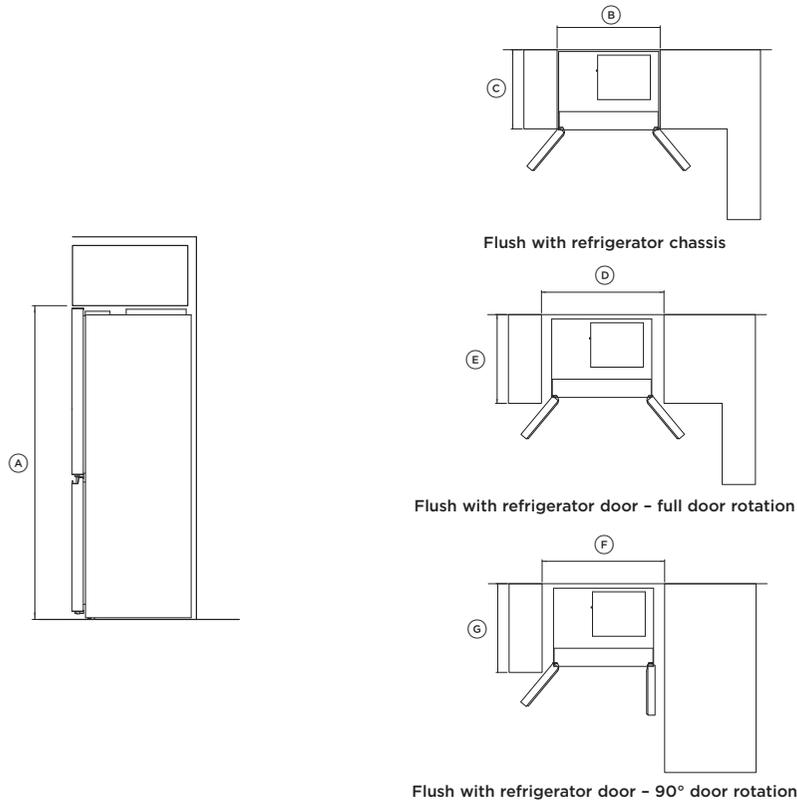
PROFILE

PRODUCT DIMENSIONS	IN	MM
Ⓐ Overall height of product	67 15/16	1725
Ⓑ Overall width of product	31 1/8	790
Ⓒ Overall depth of product	27 13/16	707
Ⓓ Depth with door open - from rear of fridge - 90° rotation		
• French Door	53 1/8	1350
• Bottom-mount	56 1/2	1435
Ⓔ Depth with door open - from flush with door - 90° rotation		
• French Door	25 11/16	652
• Bottom-mount	28 15/16	735
Ⓕ Height to top of chassis	65 11/16	1669
Ⓖ Height to top of housing	67 15/16	1725
Ⓗ Depth of chassis	24 7/16	620

Actual product dimensions may vary by ± 1/16" (2mm)

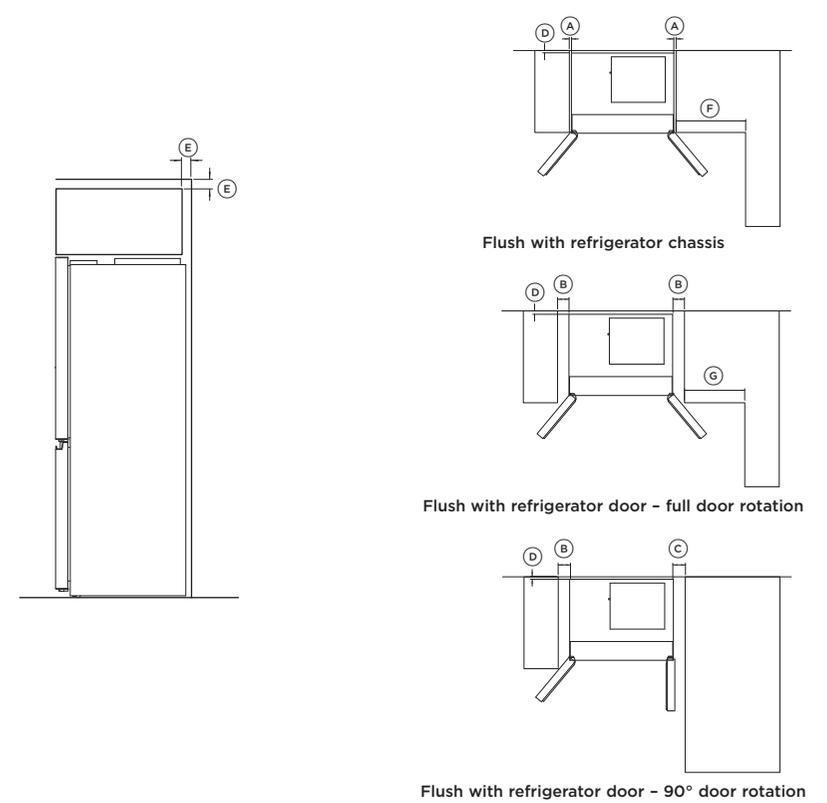
CABINETY DIMENSIONS

CUTOUT



CABINETY DIMENSIONS (incl. minimum air clearances)	IN	MM
Ⓐ Inside height of cavity	68 5/16	1735
Flush with refrigerator chassis - full door rotation		
Ⓑ Inside width	32 11/16	830
Ⓒ Inside depth	25 9/16	650
Flush with refrigerator door - full door rotation		
Ⓓ Inside width	37 3/8	950
Ⓔ Inside depth flush to flat door	29	737
Flush with refrigerator door - 90° door rotation (for full drawer/shelf access, the doors need to be open past 90°)		
Ⓕ Inside width	35 13/16	910
Ⓖ Inside depth flush to flat door	29	737

CLEARANCES



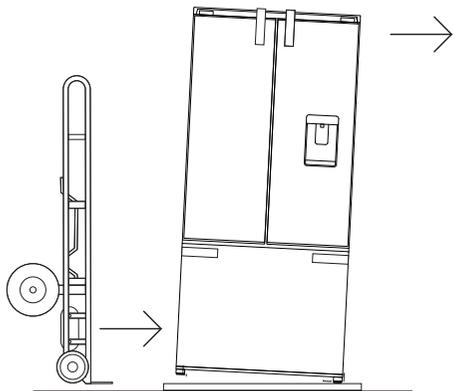
MINIMUM CLEARANCE DIMENSIONS	IN	MM
Ⓐ Side clearance	13/16	20
Ⓑ Side clearance - hinge side flush with door - full rotation	3 1/8	80
Ⓒ Side clearance - hinge side flush with door - 90° rotation	2 3/8	60
Ⓓ Rear clearance	1 3/16	30
Ⓔ Vent (above refrigerator cabinet or around top of cupboard)	2	50
Ⓕ Door clearance - hinge side flush with chassis - full rotation	21 1/4	540
Ⓖ Door clearance - hinge side flush with door - full rotation	18 1/8	460

UNPACKING AND MOVING YOUR APPLIANCE

Check that your appliance is the correct model as per your order.

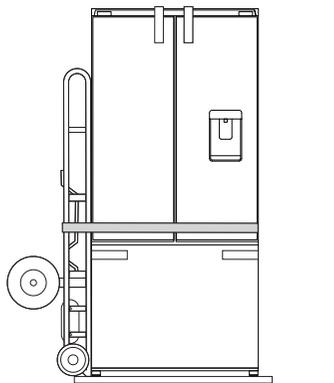
Follow the steps below to move your appliance to the install location. Be careful when tilting the appliance forward/backward. Tape the door shut to prevent opening while moving the appliance.

1



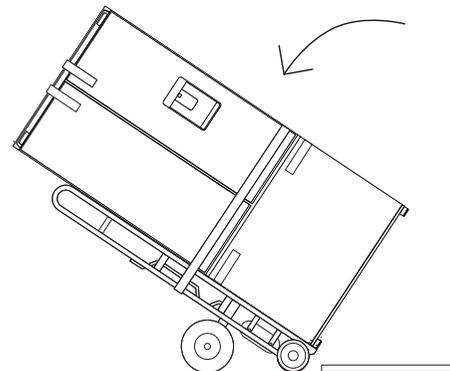
Tilt the appliance slightly forward and Insert the hand truck between pallet and appliance.

2



Restrain the appliance with a strap.

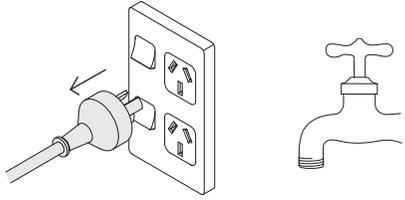
3



Tilt backward to load appliance onto hand truck and push to install location.

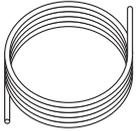
WATER CONNECTION

①



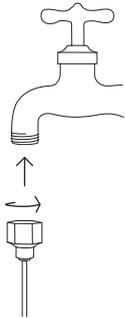
Ensure the refrigerator is not plugged into a power supply. Locate the isolation tap for cold water connection (tee and tap fitting not supplied).

②



Locate the water filter kit to complete the water connection installation.

③



Fasten the tap adaptor with short tube to the isolation tap. Tighten by hand and tighten one additional turn with a spanner. Take care not to overtighten.

④



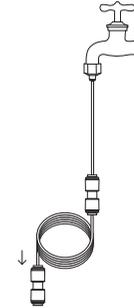
Insert the end of tap adaptor short tube into one end of the first hose connector as far as possible.

⑤



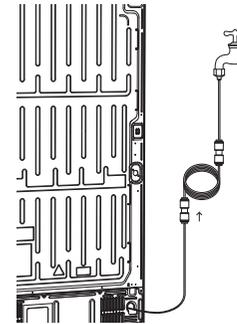
Insert one end of the water hose into the other end of hose connector as far as possible.

⑥



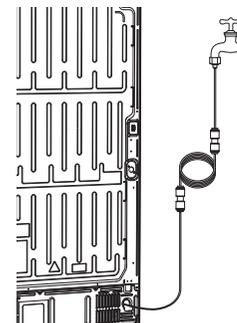
Insert the other end of the water hose into one end of the second hose connector as far as possible.

⑦



Connect the other end of the second hose connector to the hose attached to the back of the product.
Push the hose as far as possible into the connector.

⑧

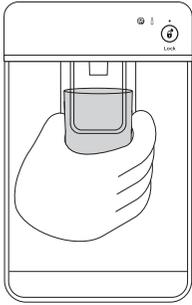


Check the connections, turn on the water supply and check for leaks.

FLUSHING THE WATER FILTER

ICE & WATER MODELS

To flush through the water dispenser:



Press the water dispenser pad to dispense 1L of water.

Wait for 3 minutes before dispensing again. Repeat this cycle 8 times. At least 1.8 Gal (8L) of water needs to be flushed through the system. This prevents excessive dripping of water from your dispenser.

NOTE: There may be carbon residue dispensed together with water. This is not harmful, and normal during flushing process.

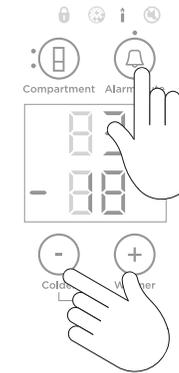
AUTOMATIC ICE MODELS

1



To turn your ice maker on press . The light above the button will illuminate.

2



Press the , **-** and **+** together for 4 seconds then close the doors. The ice tray will empty the water into the bin below. The ice tray will only empty after the doors are closed.

Repeat to remove dust in the ice tray collected during manufacture and transport.

Empty the water, dry the bin and return it correctly.

Once your ice maker is turned on the first bin of ice may be discoloured. This is not harmful and normal during the flushing process. Discard the first full bin of ice made. Your ice maker is now ready for use.

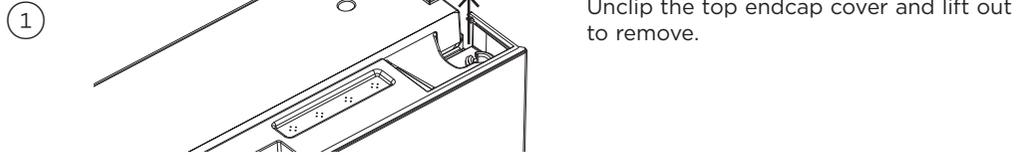
The performance of your water filter will increase with use, reaching optimum performance after two to three full bins of ice.

Carry out the above steps after a holiday/vacation or extended periods of not using ice.

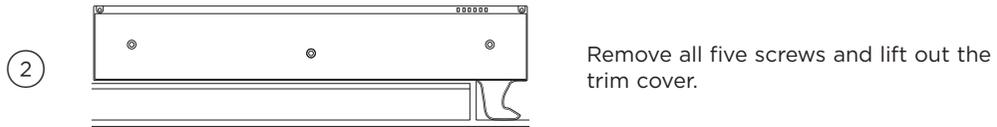
HINGE SWAP (OPTIONAL - BOTTOM MOUNT NON-ICE & WATER MODELS ONLY)

The hinge position can be adjusted to change the door swing from the right to the left if required. Before beginning, ensure the product is unplugged from the power supply.

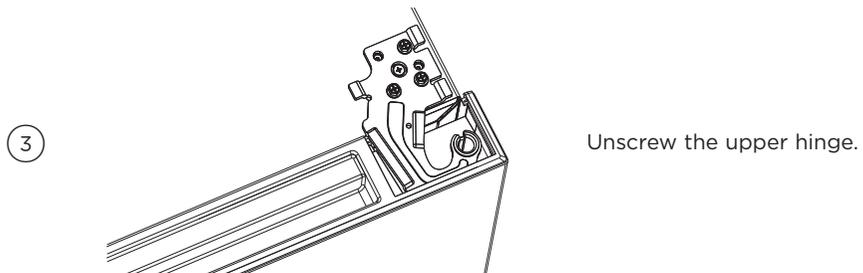
REMOVAL OF PARTS



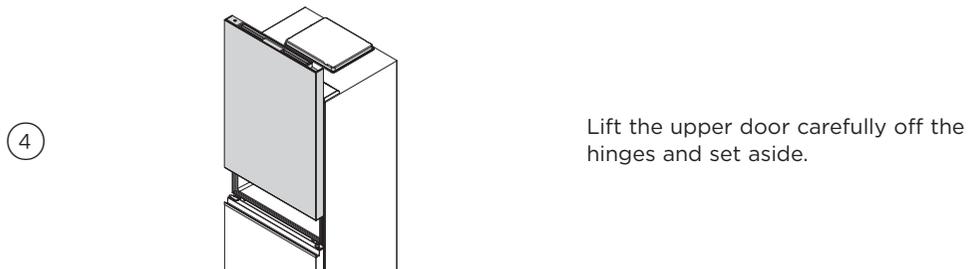
Unclip the top endcap cover and lift out to remove.



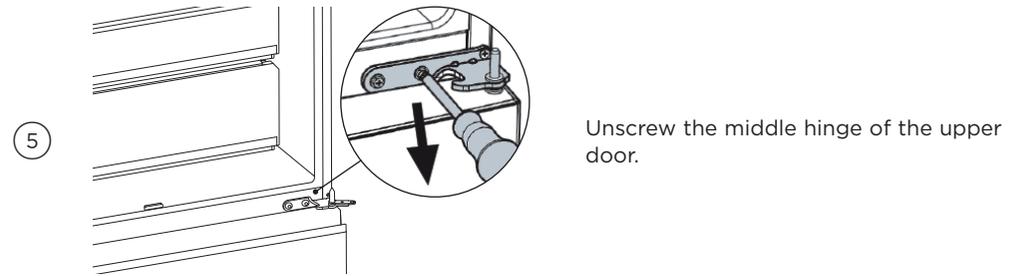
Remove all five screws and lift out the trim cover.



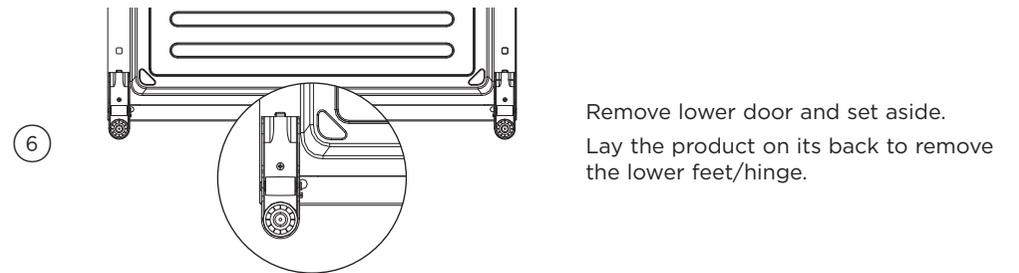
Unscrew the upper hinge.



Lift the upper door carefully off the hinges and set aside.

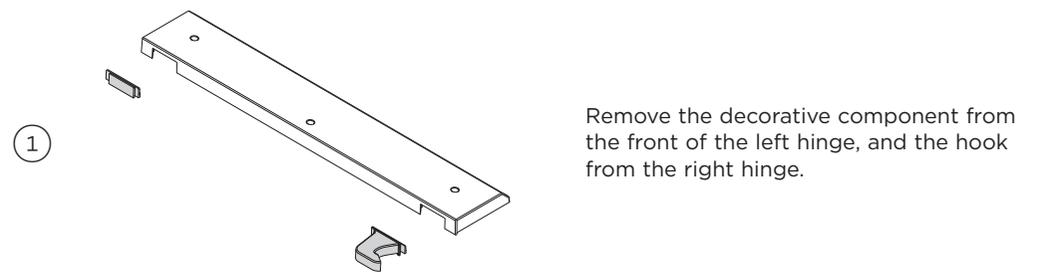


Unscrew the middle hinge of the upper door.

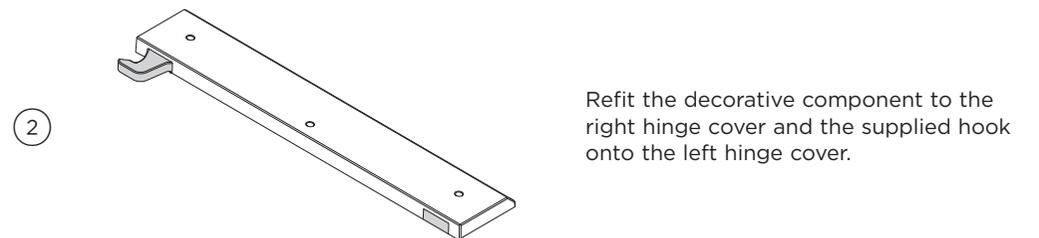


Remove lower door and set aside. Lay the product on its back to remove the lower feet/hinge.

HINGE SWAP



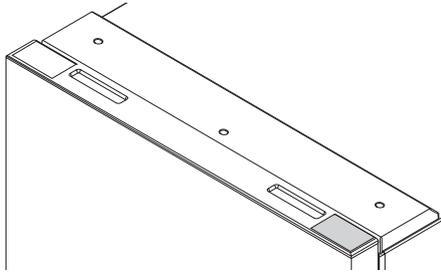
Remove the decorative component from the front of the left hinge, and the hook from the right hinge.



Refit the decorative component to the right hinge cover and the supplied hook onto the left hinge cover.

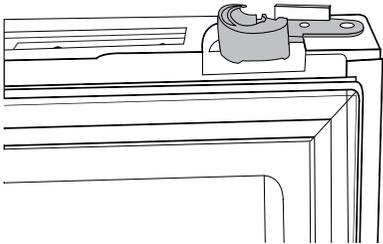
HINGE SWAP (OPTIONAL - BOTTOM MOUNT NON-ICE & WATER MODELS ONLY)

3



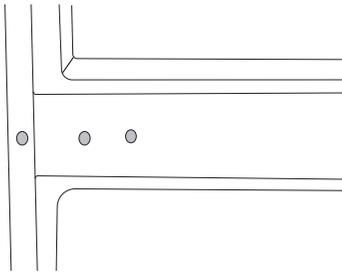
Move the non-hinge top cover to the right hand side of the upper door.

4



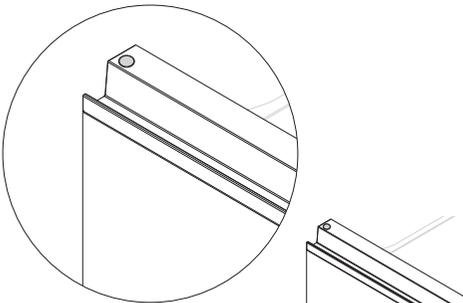
Remove the doorstop from the underside the top of the door. Refit on the opposite side.

5



Remove the blanking plugs and install on the right hand side of the middle beam.

6



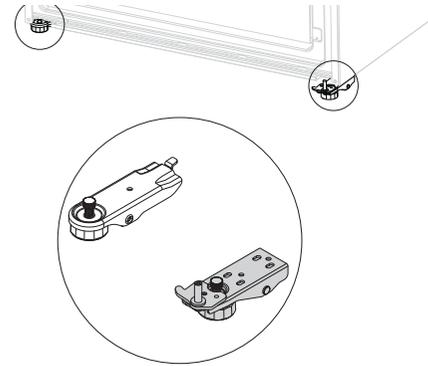
Swap the positions of the blanking plugs on the top of the lower door.

7



Remove the lower doorstop and refit on the opposite side.

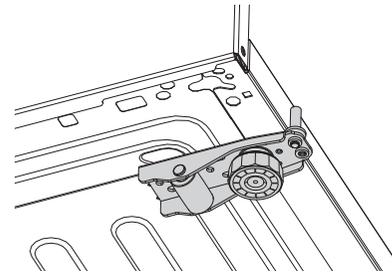
8



Swap the lower hinge.

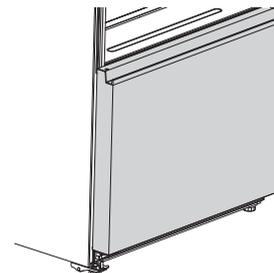
RE-INSTALL OPPOSITE HINGE DOORS

1



Install the reassembled lower hinge onto the bottom of the left hand side of the refrigerator.

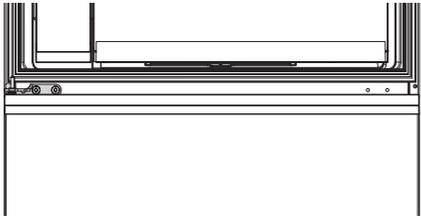
2



Install the freezer door onto the refrigerator.

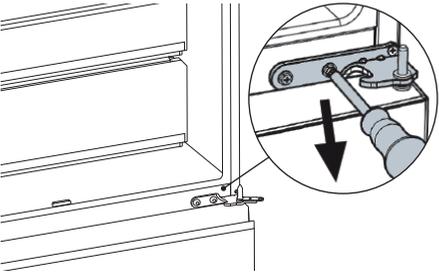
HINGE SWAP (OPTIONAL - BOTTOM MOUNT NON-ICE & WATER MODELS ONLY)

3



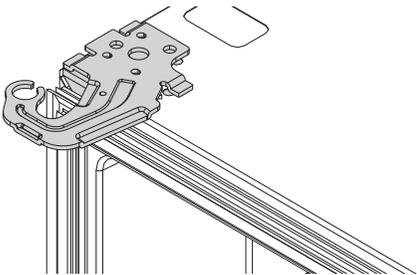
Rotate the middle hinge 180° and install on the left hand side of the middle beam.

4



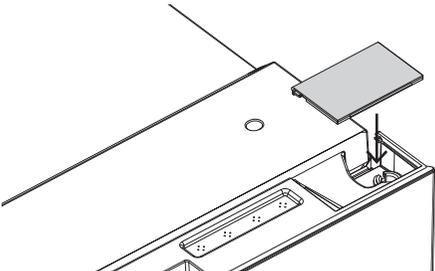
Install the top refrigerator door onto the middle hinge.

5



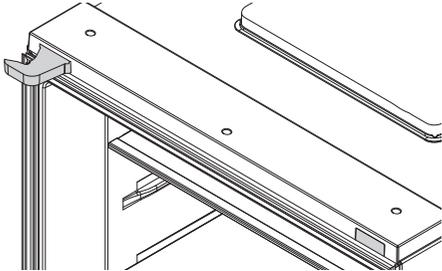
Install the supplied upper left hinge onto the product and secure.

6



Reinstall the top endcap.

7

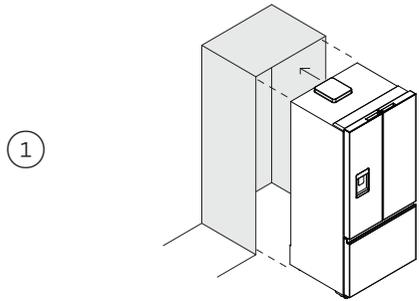


Install hinge cover onto product. Ensure all screws are tightened and sealing around the doors has been achieved.

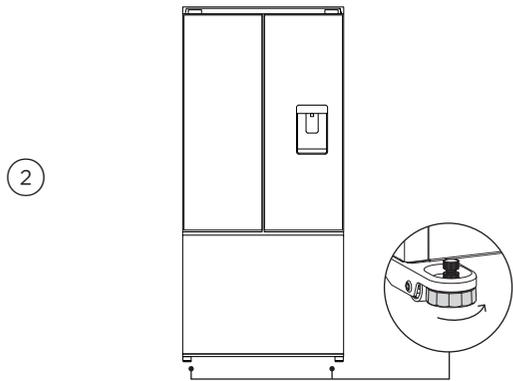
POSITIONING YOUR REFRIGERATOR

Your Fisher & Paykel ActiveSmart™ refrigerator is fitted with front and rear rollers to allow you to easily move your refrigerator forward and backward. Avoid moving your refrigerator sideways to prevent damaging the rollers or the floor covering surface.

Your refrigerator will arrive with the front feet wound up to assist with moving the product into its final location.

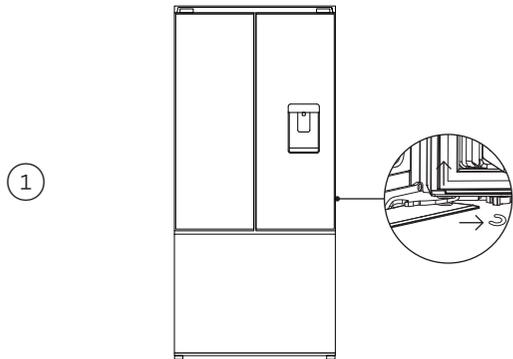


Roll the refrigerator into its final position ensuring there is the correct air gap between the product and surrounding cabinetry. See minimum clearance in cabinetry dimensions table.



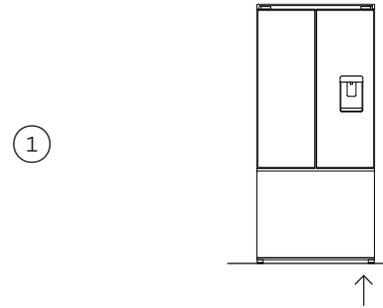
Adjust the front feet down until the refrigerator is leaning backward with the front approximately 3/8" (10mm) higher than the back. This will ensure a good door closing action.

Levelling of refrigerator doors



Open the door that is out of alignment. Lift the door upwards. Clip the spacer onto the centre hinge pin. Close the door to recheck alignment.

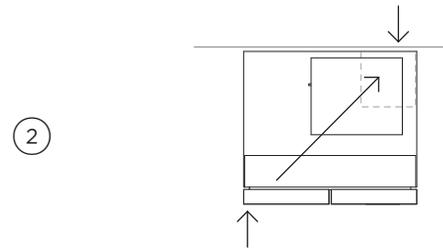
What to do if your product is unstable



Gently push the refrigerator back until the rear rollers contact the floor.

Measure the gap under the front foot, which has come off the floor.

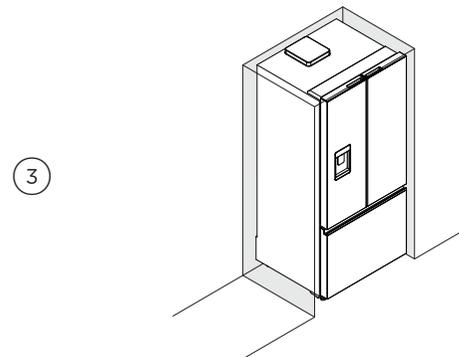
Obtain some solid packing material (hardwood, plastic, etc) which fits firmly into the gap under the foot.



Wind both front feet up and roll the product out of position.

Place the packing material in the location diagonally opposite the front roller that lifts off the floor.

Ensure the packing material stays in place when the product is pushed back into position.



Roll the refrigerator back into position and adjust front feet. Check alignment and door closing action are satisfactory. Make small adjustments to the front feet where necessary.

COMPLETE INSTALLATION

Before placing food in the fresh food or freezer compartments

- Remove all internal packaging.
- Clean the inside of the appliance with a mix of warm water and a small amount of liquid detergent. Use a soft cloth to remove dust collected during manufacture and transport.
- Allow the refrigerator and freezer to run empty for 2-3 hours to allow each compartment to cool to the appropriate temperature.
- The appliance may have an odour on its initial operation, this will go when the refrigerator and freezer have cooled sufficiently.

FINAL CHECKLIST

TO BE COMPLETED BY THE INSTALLER

Ensure that:

- Check all parts are installed.
- Ensure the appliance is level.
- Ensure all internal and external packaging is removed from the appliance before use.
- Ensure the water filter is installed and the has been flushed.

Complete and keep for safe reference:

Model _____

Serial No. _____

Purchase Date _____

Purchaser _____

Dealer Address _____

Installer's Name _____

Installer's Signature _____

Installation Company _____

Installation Date _____



The integrated FPWF2 water filter system is Certified by IAPMO R&T to NSF/ANSI 42, 53, 401 and NSF P473 for the reduction of the contaminants enumerated on the Performance Data Sheet and at www.iapmo.org, and to NSF/ANSI 372 for Low Lead content.

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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.

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