

QUICK START GUIDE

DishDrawer™ dishwasher (Integrated)
NZ AU US CA

Fisher&Paykel

Selecting a wash program

Keep this document handy for easy reference.

- For detailed information on the features of your dishwasher, see your 'User guide'.
- Before using your dishwasher, make sure you read the full 'User guide', with special attention to the 'Safety and warnings' section.
- For contact information or if you require service, assistance or replacement parts, see the end of this document or your 'Service & warranty' booklet.

Your model

DD60DI7
DD24D(H)(T)I7

Note: each drawer in double models has its own controls and can run independently of the other drawer.

DD60S(T)I7
DD24S(H)(T)I7

DD90STI2
DD36STI2

Your remote control

Important!
To prevent unauthorized use, keep the remote control out of reach of children.

Signal indicator

- A single flash indicates a successful signal to the dishwasher.
- Multiple flashes indicate that the dishwasher cannot read the signal. The remote control may be out of range.

'Battery low' indicator

When this flashes, the battery needs to be replaced. Use a CR2032 battery, ensuring the + symbol faces up.

Control button(s)

See section 'Operating instructions' for information.

Mounting your remote

Your remote control comes supplied with a detachable mounting bracket and self adhesive strip. You can choose to affix this bracket on a nearby surface, which should be out of direct sunlight and away from excessive heat and steam. Do not apply on wallpaper.

Doubles remote shown

1

2

Peel red liner off, press adhesive to bracket

Peel black liner off

3

4

10 seconds

30 seconds

Press remote & bracket to clean, dry surface for 10 seconds

Slide off remote, then press bracket firmly to surface for 30 seconds. Wait 1 hour before refitting remote.

Loading and detergent

1

Discard scraps

Scrape large food particles off (e.g. bones, fruit stones) and remove any foreign objects (e.g. toothpicks, strings, paper).

2

Load dishes carefully

To help with wash performance, arrange dishes so they are evenly spaced and not nesting.

3

Check spray arm(s)

Ensure there are no items blocking the spray arm(s) from rotating.

4

Add detergent and check rinse aid

Fill the detergent dispenser (a) with powdered detergent and close the dispenser door.

Important!
Do not place liquid detergent or tablets in the detergent dispenser.

If the indicator on its plug (c) glows bright red, refill the rinse aid dispenser (b) with liquid rinse aid. Make sure you then refit the rinse aid plug back into its original position.

If using a tablet, place it in the cutlery basket (d) or at the bottom of the drawer.

EITHER
by using the button on the drawer control panel

Start/resume wash	1 Press . 2 Close the drawer. The wash will start.
Pause wash	You can only pause the wash with the remote. See opposite.
Cancel wash	1 Pause the wash with the remote. 2 Open the drawer, then press and hold until you hear a quick double beep. Any water in the drawer will automatically drain when you close it.
Set Delay start	To delay the start of a wash by 1 to 12 hours: <ul style="list-style-type: none">Press and hold . Count the beeps as the dishwasher emits them (each represents 1 more hour of delay) and release the button when you have reached the desired delay time.The indicator of the selected wash program will flash to show that Delay start has been set.The wash will start once the delay time is over, provided the drawer is closed.
Cancel Delay start	Press and hold until you hear a quick double beep and the indicator of the selected wash program goes out.

OR
by using the remote control button

Start/resume wash	1 Close the drawer. 2 Press . The wash will start.
Pause wash	Press . After pausing a wash, wait for 3 beeps before opening the drawer. Forcing it open in mid-cycle may cause damage or injury.
Cancel wash	Press and hold until you hear a quick double beep. Any water in the drawer will automatically drain.
Set Delay start	You can only set Delay start on the drawer control panel. See opposite.
Cancel Delay start	Press and hold until you hear a quick double beep.


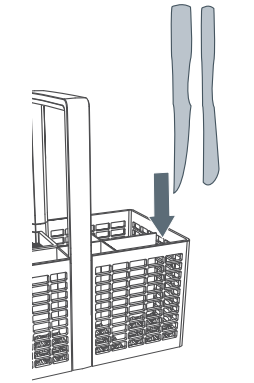
After the wash

The dishwasher will beep six times to indicate the end of the wash program.


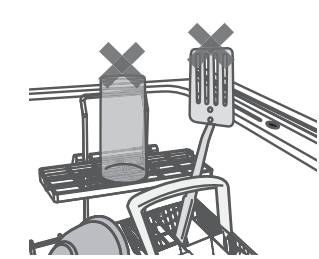
- You may notice the following noises at the end of the wash. These are all part of normal operation:
- In double models, both drawers may be draining simultaneously.
 - The drying fan may continue to run after a wash program has finished for a set time. The fan assists with drying and uses negligible amounts of energy.

For best drying results, we recommend unloading the dishes once they have cooled.


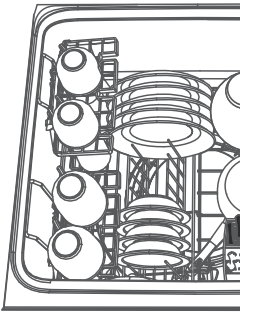
Dos and don'ts of loading




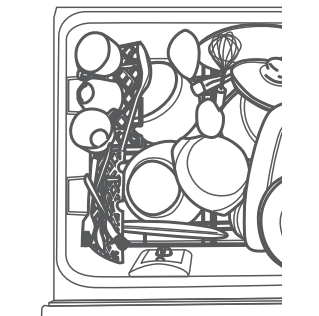
Sharp or pointed items must be placed horizontally or with sharp edges/points facing down to avoid risk of injury.




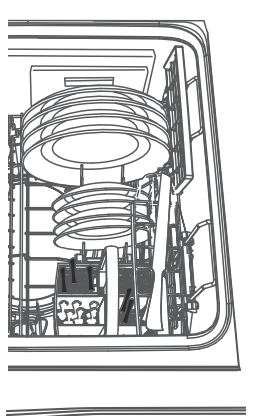
Protruding items will stop the internal lid of the drawer from sealing properly, which could result in a service call.




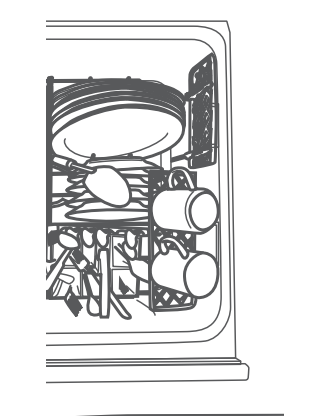
A neatly arranged load with evenly spaced dishes helps wash performance.




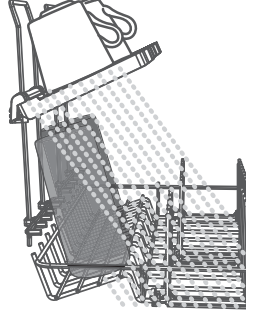
Overcrowding reduces wash performance.




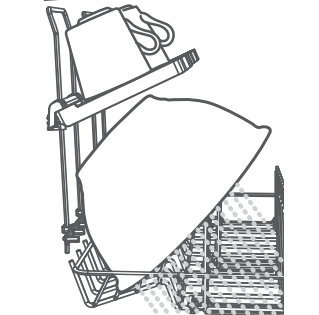
Ensure there is enough space between plates. Mix spoons, knives and forks within the cutlery basket to prevent them from nesting.



If plates and cutlery are nesting, they are less likely to be cleaned well.



Ensure that water reaches all items on the adjustable racks.



Dishware is blocking water from reaching items on the adjustable racks.

Closed Drawer autolock using the remote control

The Closed Drawer autolock feature will lock the dishwasher when the drawer is closed. *To enable this feature* - with the drawer closed (and no wash program or delay start is active), press and hold **▶||** on the remote for **6 seconds** until you hear a sequence of 4 beeps together. Ignore any beeps prior to the 6 seconds. The drawer is now locked. *To unlock*, press **▶||** once. You will hear a sequence of 4 beeps together. The drawer is now unlocked.

- On double products, the drawers must be locked independently.
- If the power to the dishwasher is disconnected, the drawer will remain locked.
- Note: this feature is highly recommended if the dishwasher is to be used in motor homes.

Preference options

You can change the setting of these options to suit your preferences or circumstances. We recommend selecting the most suitable settings before you start using your dishwasher.

Option	Rinse aid	Water softener*	Beeps at end of wash
What does it do?	Regulates the amount of rinse aid dispensed. Reduce this setting if there is excess foam after a wash. Increase this setting if dishes are wet or streaky after a wash.	Refer to the 'Water softener' section of the 'User guide' for details.	Your dishwasher is factory-set to beep six times at the end of a wash. You can turn this setting off.

How to change the setting of an option

- 1 CHECK & OPEN
- Check that there is no wash underway, then open the drawer.
- 2 ENTER MENU & SCROLL TO OPTION
- To enter the menu:* press **▶▶** first with one finger, then **▶** with another finger, hold both until one long beep sounds, then release.
- You are now in the Rinse aid option of the preference options menu.
 - If you want to change the Rinse aid setting, go to step 3 now.
 - If you want to change the setting of another option, you will need to scroll to that option first.
- To scroll to the next option:* press **▶▶**. To know which option you're in, keep track of the sequence of options using the table below. When you have scrolled to the end of the sequence, it will start again with Rinse aid (after the lower tone).

Option	Rinse aid▶▶	Water softener*▶▶	Beeps at end of wash▶▶
Possible settings	1 to 5	0 to 5	On/Off
Example	<div><div>●●●●●</div><div>HEAVY NORMAL FAST DELICATE RINSE</div><div>4 indicators lit = setting is 4</div></div>	<div><div>●●●●●</div><div>HEAVY NORMAL FAST DELICATE RINSE</div><div>3 indicators lit = setting is 3</div></div>	<div><div>On</div><div>●●●●●</div><div>HEAVY NORMAL FAST DELICATE RINSE</div></div> <div><div>Off</div><div>●●●●●</div><div>HEAVY NORMAL FAST DELICATE RINSE</div></div>

- 3 CHANGE SETTING
- Press **▶** to change the setting within an option. For example, to change the Rinse aid setting from 4 (factory default) to 2, you need to press **▶** 3 times.
- 4 SAVE SETTING & QUIT MENU
- Press and hold **▶** until a beep sounds and the control panel reverts to showing the wash program currently selected.

*This option is disabled on models without water softener. It appears in the sequence of options but cannot be adjusted.

For more info

For detailed information on the features of your dishwasher

▶ see your 'User guide'

For warranty information

▶ see your 'Service and warranty' booklet

If you...

- have any questions or comments
- need a Fisher & Paykel authorized technician to service your product
- need replacement parts or accessories
- want to register your product

see your 'Service and warranty' booklet or contact us

NZ	toll-free, 24/7	0800 372 273	www.fisherpaykel.co.nz
AU	toll-free, 24/7	1300 650 590	www.fisherpaykel.com.au
USA	toll-free, 24/7	1 888 936 7872	www.fisherpaykel.com
CA	toll-free, 24/7	1 888 936 7872	www.fisherpaykel.ca

Fisher & Paykel

DishDrawer™ dishwasher

DD24, DD60
DD36, DD90 models

User guide

US CA NZ AU GB IE

This user guide is an accompaniment to your 'Quick start guide' which is included with your dishwasher.

For operating instructions, see your 'Quick start guide'. If you no longer have your 'Quick start guide', you can download it from our local website, listed on the back cover.

Refer to your 'Quick start guide' for information on:

- Starting a wash
 - Wash programs and when to use them
 - Controls
 - Dos and don'ts of loading
 - Preference options and how to change their settings
-

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Important!

SAVE THESE INSTRUCTIONS

The models shown in this user guide may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please visit our local website listed on the back cover or contact your local Fisher & Paykel dealer.

2 Electrical connection (GB IE only)

For Great Britain only

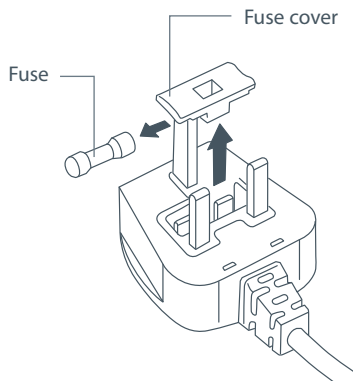
Important!

This appliance must be earthed.

Fuse replacement

The mains lead of this appliance is fitted with a BS 1363A 13 A fused plug. To change a fuse in this type of plug, use an ASTA approved fuse to BS 1362 type and proceed as follows:

- 1 Remove the fuse cover and fuse.
- 2 Fit the replacement 13A fuse into the fuse cover.
- 3 Refit both into plug.



Important!

- *The fuse cover must be refitted when changing a fuse and if the fuse cover is lost, the plug must not be used until a correct replacement is fitted.*
- *Correct replacements are identified by the colour insert or the colour embossed in words on the base of the plug.*
- *Replacement fuse covers are available from your local electrical store.*

For the Republic of Ireland

The information given in respect to Great Britain will frequently apply, but a third type of plug and socket is also used: the 2-pin, side earth type.

Socket outlet / plug (valid for both countries)

If the fitted plug is not suitable for your socket outlet, please contact an Authorised Service Agent. Please do not attempt to change the plug yourself. This procedure must be carried out by a qualified service technician in compliance with the manufacturer's instructions and current standard safety regulations.

Your dishwasher has been carefully designed to operate safely during normal dishwashing procedures. Please keep the following instructions in mind when you are using your dishwasher.

IMPORTANT SAFETY INSTRUCTIONS

WARNING! - When using your dishwasher, follow basic precautions, including the following:

- Read all instructions before using the dishwasher.
- The information in this manual must be followed to minimise the risk of fire or explosion or to prevent property damage, personal injury or loss of life.
- Use the dishwasher only for its intended function as described in this user guide and in your 'Quick start guide'.
- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses;
 - by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments.
- Use only detergents or rinse aid recommended for use in a domestic dishwasher and keep them out of reach of children. Check that the detergent dispenser is empty after the completion of each wash program.
- When loading items to be washed, locate sharp items so that they are not likely to damage the internal lid of the dishwasher and load sharp knives with the handle up to reduce the risk of cut-type injuries.
- Do not touch the filter plate (the round metal disc in the dishwasher base) during or immediately after use, as it may be hot from the heater plate underneath.
- Do not operate your dishwasher unless all enclosure panels are properly in place.
- Do not tamper with the controls.
- Do not abuse, sit on, stand in or on the drawer or dish rack of the dishwasher.
- The drawer should not be left in the open position since this could present a tripping hazard.
- The adjustable racks are designed to support cups, glasses and kitchen utensils. When the adjustable racks are in the drawer do not lean on or use them to support your body weight.
- To reduce the risk of injury, do not allow children to play in or on the dishwasher.
- Under certain conditions, hydrogen gas may be produced in a hot water heater system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the dishwasher, turn on all hot water taps and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Remove the door to the washing compartment when removing an old dishwasher from service or discarding it.
- Some dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.

IMPORTANT SAFETY INSTRUCTIONS

Installation

- *This dishwasher must be installed and located in accordance with the Installation instructions before it is used. If you did not receive Installation instructions with your dishwasher, you can order them by calling your Authorised Repairer or download them from our local Fisher & Paykel website, listed on the back cover.*
- *Installation and service must be performed by a qualified technician.*
- *If the power supply cord is damaged, it must be replaced by a dealer or Authorised Repairer or a similar qualified trades person in order to avoid a hazard.*
- *Ensure the dishwasher is secured to adjacent cabinetry using the brackets provided. Failure to do so may result in an unstable product, which may cause damage or injury.*
- *Do not operate this appliance if it is damaged, malfunctioning, partially disassembled or has missing or broken parts, including a damaged power supply cord or plug.*
- *Do not store or use petrol, or other flammable vapours and liquids in the vicinity of the dishwasher.*
- *Connect to a properly rated, protected and sized power supply circuit to avoid electrical overload.*
- *Make sure that the power supply cord is located so that it will not be stepped on, tripped over or otherwise subject to damage or stress.*
- *Do not install or store the dishwasher where it will be exposed to temperatures below freezing or exposed to weather.*
- *Do not use an extension cord or a portable electrical outlet device (e.g. multi-socket outlet box) to connect the dishwasher to the power supply.*
- *This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances. WARNING - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified technician.*
- *If the dishwasher is installed as a permanently connected appliance:*
GROUNDING INSTRUCTIONS - *This appliance must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.*

IMPORTANT SAFETY INSTRUCTIONS

Maintenance

- *Disconnect the appliance from the power supply before any cleaning or maintenance.*
- *When disconnecting the appliance pull the plug rather than the power supply cord or junction of cord to avoid damage.*
- *Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in this user guide. We recommend that you contact Customer Care to arrange service. See your 'Service and warranty' booklet for contact details.*
- *Keep the floor around your appliance clean and dry to reduce the possibility of slipping.*
- *Keep the area around/underneath your appliance free from the accumulation of combustible materials, such as lint, paper, rags and chemicals.*
- *Models with a remote control: Do not attempt to recharge, short-circuit, disassemble, heat or throw the remote control battery into a fire. Dispose of an old battery responsibly, keeping it out of reach of children.*

Operational

- *Under no circumstances should you open the drawer whilst the dishwasher is in operation.*
- *Always press the ► button to pause and wait until you hear the three additional beeps before opening the drawer.*
- *The dishwasher must be used with the motor assembly, filter plate, drain filter and spray arm(s) in place. To identify what these parts are, see drawings in section 'User maintenance instructions' of this user guide.*
- *Take care when loading the drawer not to load dishware items so they prevent the internal lid from properly sealing with the drawer. Items should be placed so they do not protrude above and/or forced into the drawer, otherwise a service call may result.*
- *Household appliances are not intended to be played with by children. Children or persons with a disability which limits their ability to use the appliance, should have a responsible person instruct them in its use. The instructor should be satisfied that they can then use the appliance without danger to themselves or their surroundings.*
- *Close supervision is necessary if this appliance is used by or near children. Do not allow children to play inside, on or with this appliance or any discarded appliance.*
- *If a dishwasher cleaner is used, we would strongly recommend a wash program with detergent should be run immediately afterward, to prevent any damage to the dishwasher.*
- *The dishwasher is designed for washing normal household utensils. Items that are contaminated by petrol, paint, steel or iron debris, corrosive, acidic or alkaline chemicals are not to be washed in the dishwasher.*
- *If the dishwasher is not being used for long periods of time, turn the electricity and water supply to the dishwasher off.*

IMPORTANT SAFETY INSTRUCTIONS

Operational - models with remote control

- *To prevent unauthorized use, keep the remote control out of reach of children.*
- *Make sure that you keep the remote away from water and steam. Do not immerse and take care not to drop the remote control into water. This may damage the parts or lead to malfunction. Damage or malfunction caused by exposure to water or steam is not covered by warranty.*
- *Do not drop, step on or otherwise impact the remote control. This may damage the parts or lead to malfunction.*
- *This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*
- *Do not tamper with or modify the remote control or the dishwasher in any way, as doing so will void the certification of the device.*
- *This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.*
- | |
|--|
| Complies with
IDA Standards
DB104887 |
|--|

SAVE THESE INSTRUCTIONS

The combination of high temperatures and dishwasher detergent may cause damage to some items if they are washed in the dishwasher. Remember, if in any doubt about any aspect concerning items washed in the dishwasher, follow the instructions from the manufacturer of the items, or wash the item by hand.

Cutlery & silverware

All cutlery and silverware should be rinsed immediately after use to prevent tarnishing caused by some foods. The Rinse wash program is useful for this. Silver items should not come into contact with stainless steel, eg other cutlery. Mixing these items can cause staining. Remove silver cutlery from the dishwasher and hand dry it immediately after the program has finished.

Aluminium

Aluminium can be dulled by dishwasher detergent. The degree of change depends on the quality of the product.

Other metals

Iron and cast iron objects can rust and stain other items. Copper, pewter and brass tend to stain.

Woodware

Wooden items are generally sensitive to heat and water. Regular use in the dishwasher may cause deterioration over time. If in doubt, wash by hand.

Glassware

Most everyday glassware is dishwasher safe. Crystal, very fine and antique glassware may etch that is, become opaque. You may prefer to wash these items by hand.

Plastic

Some plastic may change shape or colour with hot water. Check manufacturer's instructions about washing plastic items. Washable plastic items should be weighed down so they do not flip over and fill with water or fall through the base rack during the wash. Use the multi-purpose clip (supplied with some models only) to hold plastic items in place.

Decorated items

Most modern china patterns are dishwasher safe. Antique items, those with a pattern painted over the glaze, gold rims or hand painted china may be more sensitive to machine washing. If in doubt, wash by hand.

Glued items

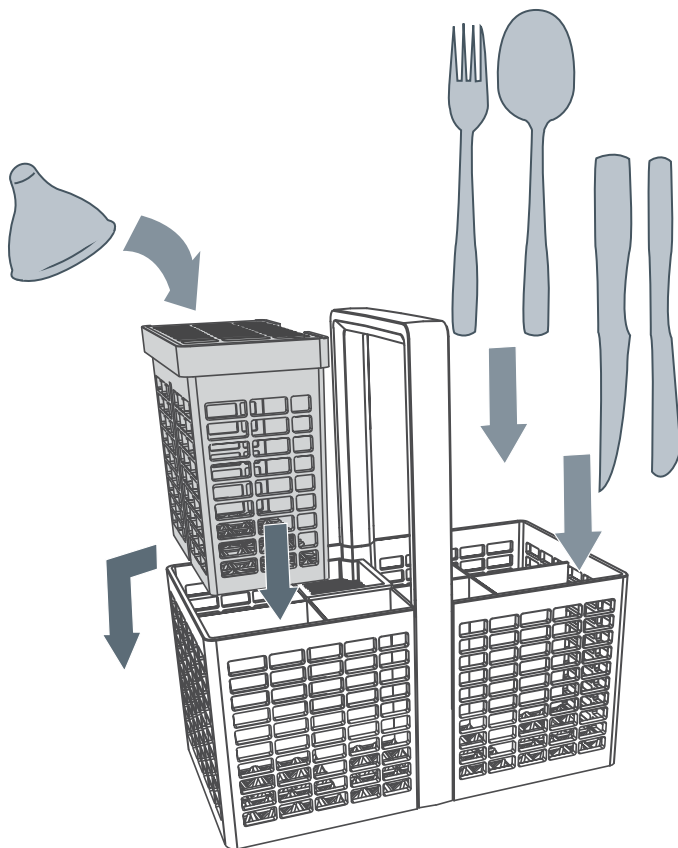
Certain adhesives are softened or dissolved in machine washing. If in doubt, wash by hand.

Cutlery basket

- To reduce the risk of injury, we recommend loading knives and sharp utensils with handles facing up.
- Mix spoons, knives and forks within each section to stop cutlery nesting together and to ensure the water circulates freely.
- Keep stainless steel from touching silver cutlery to avoid staining.

Removable small items container

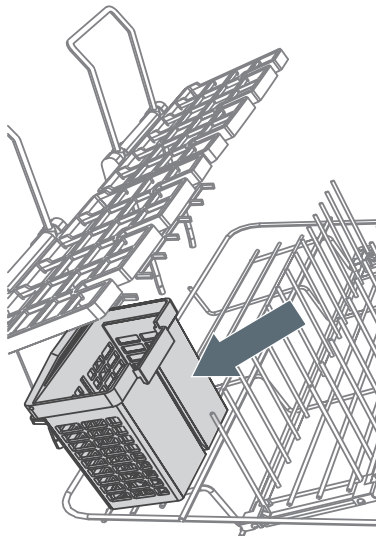
- Small, light items like baby bottle teats are best placed into the small items container to prevent them from being displaced during the wash.
- You can extend your cutlery basket by clipping the container on its side.



Cutlery baskets will vary depending on model.

Removable small items container

- To optimise the cutlery space within the basket, the small items container can be placed elsewhere on the base rack. If laid flat, make sure the solid plastic side is facing up.
- If you place a fully laden small items container under the adjustable racks, it is best to leave the rack space directly above the container empty: there may not be enough water reaching items that are placed there.

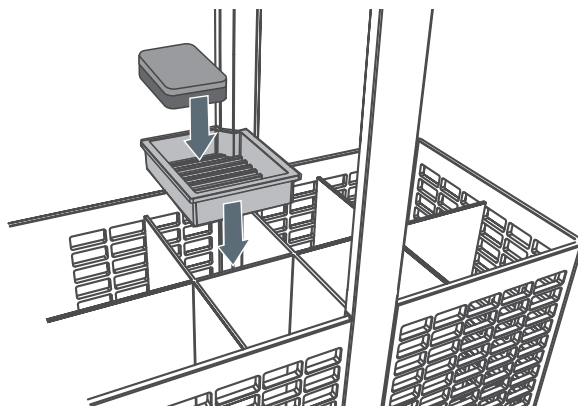


Removable tablet tray

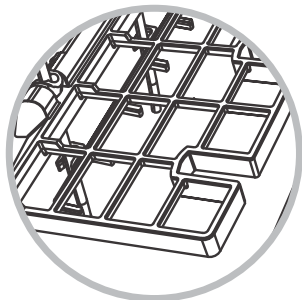
- If you are using dishwasher tablets, place them on the removable tablet tray, as shown. See also 'Adding detergent' for more information.

Important!

Dishwasher tablets should not be in direct contact with dishes or cutlery.

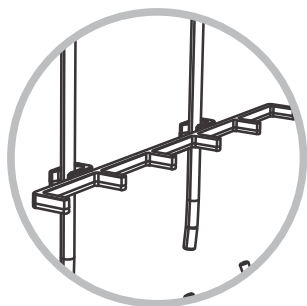


Racking features will vary depending on model.



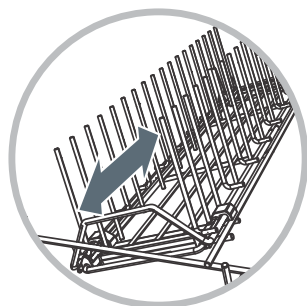
Stemware notches

- These notches help support long-stemmed glassware.



Glass supports

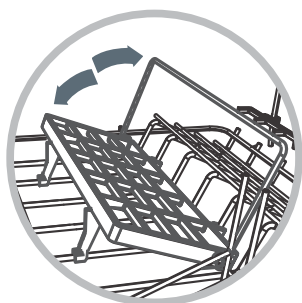
- These clip on the rack wires to give your tall glasses extra stability.



Spacing-adjustable tines

(DD24/DD60 models only)

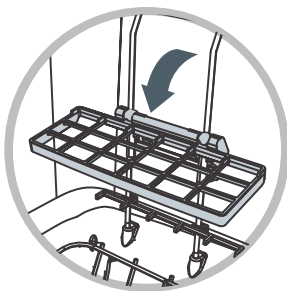
- Designed to fit deep bowls (wide spacing) or small plates (narrow spacing), depending on adjustment.
- To adjust between wide and narrow spacings, slide the tines backward or forward by the handle at the front.



Cup rack with folding support wire

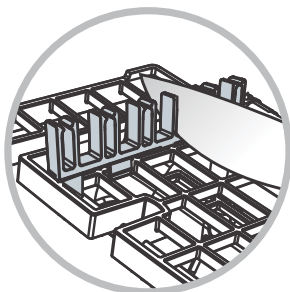
(DD36/DD90 models only)

- Fold the wire up to support tall glasses.



Adjustable racks

- You can adjust these independently of each other to any height:
 - 1 Fold up to unlock the rack.
 - 2 Adjust the height to suit by sliding up or down.
 - 3 Fold down to lock in position.
- Fold the racks away if you need the space.

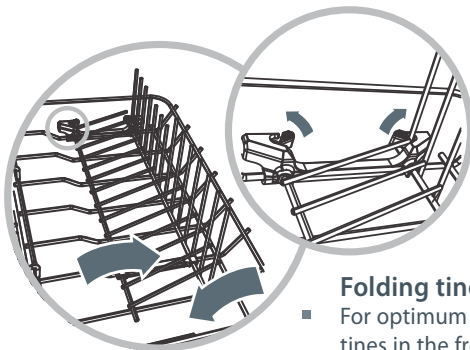
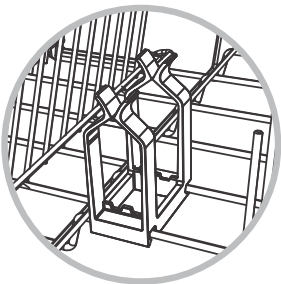


Knife clip

- This clips onto the adjustable racks and supports knives and other utensils during the wash.
- Always ensure that knife blades are facing down.

Multi-purpose clip (DD36/DD90 models only)

- This keeps flimsy items (eg plastic lids and bottles) or large platters and plates stable, so they cannot be dislodged during the wash.
- Slide the item between the prongs of the clip.



Folding tines

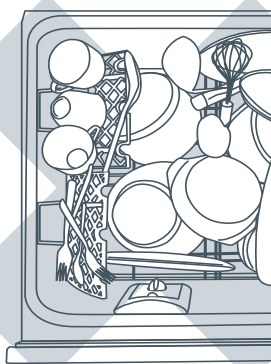
- For optimum stability, place larger plates between the longer tines in the front.
- Release and fold the tine sections down towards each other if you need the space for pots or other large items.

12 Loading suggestions

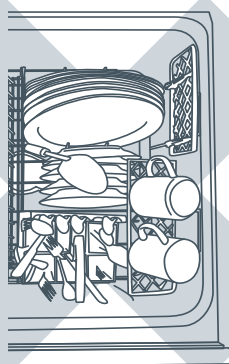
When loading your drawer, make sure that

- you place items so that water coming from the rotating spray arms below can reach all areas (wash performance will be reduced if it can't)
- nothing blocks the water from getting to items on the adjustable racks
- glass and other fragile items are stable, so that they do not accidentally topple and break during the wash.

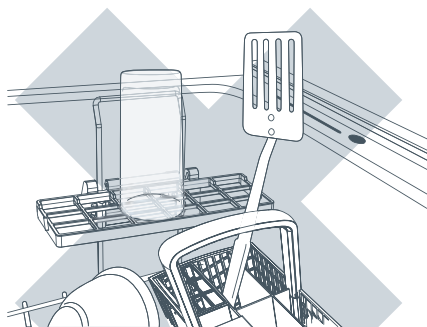
How NOT to load your drawer



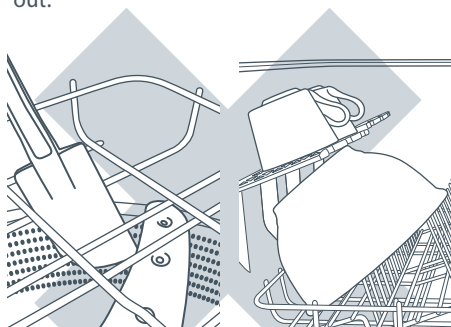
- Overcrowded and wash water will not reach some of the dinnerware.
- Cups, glasses and bowls must have their openings facing down.



- The plates are nesting together and wash water may not get through.
- Ensure cutlery are not nesting or stuck together. They need to be evenly spread out.



- Ensure dishware items are not forced into or protrude out of the drawer, as this may prevent the internal lid of the drawer from properly sealing which could result in a service call.
- Locate sharp items safely to prevent injuring the user and damaging the lid assembly.
- Check the bottom of the cutlery basket to ensure sharp or pointed items have not come through as they may stop spray arm rotation.



- Ensure cutlery has not fallen through the base rack and stopped the spray arms from rotating.
- The large bowl is blocking wash water reaching the adjustable racks.
- Large utensils should be on the adjustable racks so they do not become dislodged and stop the spray arms from rotating.
- Sharp or pointed items must be placed horizontally or with sharp edges/points facing down to avoid risk of injury.

What is water hardness?

Hard water is water with a high concentration of minerals such as calcium and magnesium. In soft water, this concentration is low. Water hardness varies by geographical location.

How does water hardness affect dishwashing?

- Hard water can be detrimental to the performance of your dishwasher. Over time, glassware washed in hard water will become opaque and dishes will become spotted or covered in a white film. Using very hard water can cause dishwasher parts to fail over time.
- Naturally soft or softened water has no detrimental effects if used with the correct amount of detergent. However, excess detergent combined with hot, soft water may cause irreversible etching on glassware. Etching first appears as a rainbow-coloured film and—if allowed to continue—can make glassware permanently opaque.

What can I do to minimise any detrimental effects?

Contact your local water company to find out about water hardness in your area.

If your home has hard water and your dishwasher has no built-in water softener...

- Follow the detergent quantity recommendations on the following pages.
- If available, use a detergent with high phosphate content. Phosphate softens the water and this improves wash results. If detergent with phosphate is not available, we recommend using multi-purpose tablets.
- Use rinse aid. We recommend you turn the rinse aid setting to 5 to help improve wash performance.
- Use a dishwasher cleaner/descaler regularly, or whenever you notice a build-up of limescale deposits in your dishwasher.

Important!

We recommend fitting a water softener to the household water supply. If the water hardness in your home is above 250 ppm/14.6 gpg, a water softener has to be fitted to maintain the performance of your dishwasher.

If your home has naturally soft or softened water...

- Avoid using too much detergent. Follow the quantity recommendations on the following pages.
- Ensure the drawer is not overloaded and water can reach all the dishes.

Wash programs and detergent quantities

DD24/DD60 models

- Find out about water hardness in your home, then use the table below to determine how much detergent to use for each wash program. See also section 'Water hardness and dishwashing'.
- For information on which program to use for your load, see your 'Quick start guide'.
- The detergent dispenser has markings to help you measure the correct quantities. See following section 'Adding detergent'.

	Water hardness <i>parts per million (ppm)</i> <i>grains per gallon (gpg)</i>	Wash programs	Detergent quantities (per drawer)		
			US CA	NZ AU	GB IE
			<i>detergent dispenser marking</i>	<i>grams</i>	<i>grams</i>
SOFTER	<100 ppm or < 6 gpg*	Heavy	2/3	25	25
		Normal	2/3	25	25
		Fast	1/3	10	10
		Delicate	1/3	10	10
		Rinse	-	-	-
	100 -150 ppm or 6 - 9 gpg	Heavy	full	30	
		Normal	full	30	
		Fast	full	25	
		Delicate	full	30	
		Rinse	-	-	
	>150 ppm or >9 gpg	Heavy	full	30	
		Normal	full	30	
		Fast	full	30	
		Delicate	full	30	
		Rinse	-	-	
HARDER					

- * If you have a household water softener installed or your dishwasher has a built-in water softener, use the quantities recommended for water with a hardness under 100 ppm/6 gpg, irrespective of the water hardness in your area. See also section 'Water softener'.

DD36/DD90 models

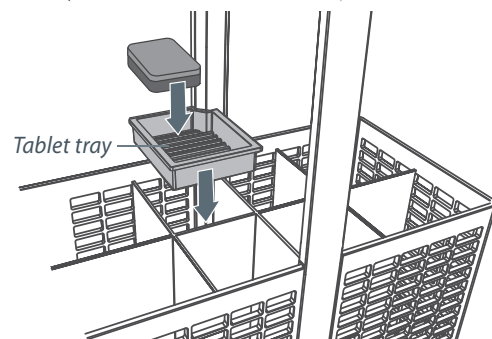
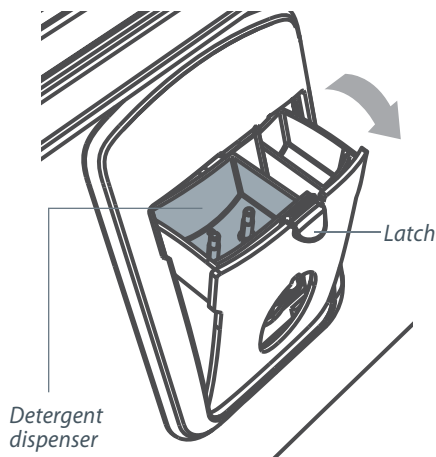
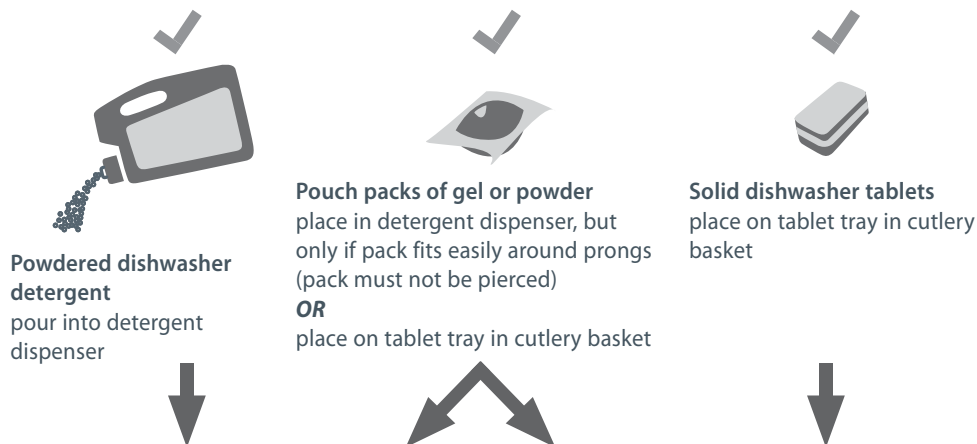
- Find out about water hardness in your home, then use the table below to determine how much detergent to use for each wash program. See also section 'Water hardness and dishwashing'.
- For information on which program to use for your load, see your 'Quick start guide'.
- The detergent dispenser has markings to help you measure the correct quantities. See following section 'Adding detergent'.

	Water hardness <i>parts per million (ppm)</i> <i>grains per gallon (gpg)</i>	Wash programs	Detergent quantities		
			US CA	NZ AU	GB IE
			<i>detergent dispenser marking</i>	<i>grams</i>	<i>grams</i>
SOFTER	<100 ppm or < 6 gpg*	Heavy	full	30	30
		Normal	full	25	25
		Fast	2/3	15	15
		Delicate	2/3	15	15
		Rinse	-	-	-
	100 -150 ppm or 6 - 9 gpg	Heavy	full	30	
		Normal	full	30	
		Fast	2/3	20	
		Delicate	full	30	
		Rinse	-	-	
	>150 ppm or >9 gpg	Heavy	full	30	
		Normal	full	30	
		Fast	full	30	
		Delicate	full	30	
		Rinse	-	-	
HARDER					

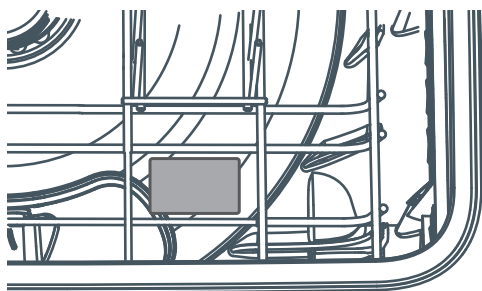
- * If you have a household water softener installed or your dishwasher has a built-in water softener, use the quantities recommended for water with a hardness under 100 ppm/6 gpg, irrespective of the water hardness in your area. See also section 'Water softener'.

Suitable detergents and where to place them

Note: You may see other, equally suitable types of dishwasher detergent on the shelves of your supermarket. Read and follow the detergent manufacturer's recommendations.



If the cutlery basket is not used for a particular load, place tablet or pouch pack in the bottom of the drawer.



Filling the detergent dispenser

- 1 Press the latch down to open the dispenser.
- 2 Check that the dispenser is empty and dry, then add detergent (do not place solid tablets in the dispenser). No detergent is needed for the Rinse program.
- 3 Close the dispenser until it clicks shut. The detergent will automatically be released into the drawer during the wash program.

Unsuitable detergents

These types of detergent are not suitable and may damage your dishwasher or lead to a service call that is not covered by warranty.

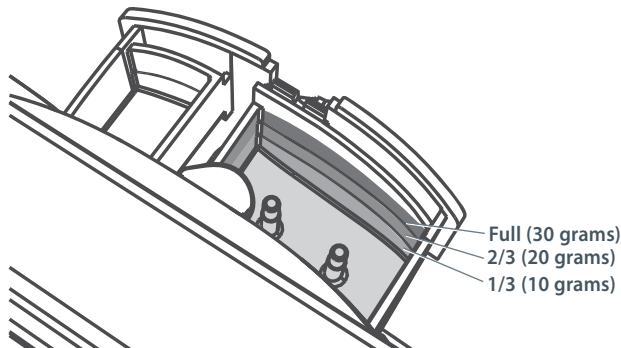
Important!

Do not use these in your dishwasher!

- *Liquid detergents*
- *Laundry detergents*
- *Hand washing liquids*
- *Soaps*
- *Disinfectants*

How much detergent to use

For powdered detergent, refer to previous section 'Wash programs and detergent quantities' and follow the quantities relevant to your location and water hardness level. Use the markings to help you measure the correct quantities. For other types of detergent, follow the manufacturer's recommendations.



Notes on using tablets

- If you are using tablets, follow manufacturer instructions on the packet. Some tablets may not be suitable for all wash programs.
- Using tablets could improve wash performance in hard water areas.
- Make sure that tablets never get in direct contact with dishes or cutlery.
- If you are using dishwasher tablets with a built-in rinse aid component, you may need to reduce the rinse aid setting. See your 'Quick start guide' for instructions.

Important!

Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children and infirm persons away from the dishwasher when it is open. Check that the detergent dispenser is empty after completion of the wash program.

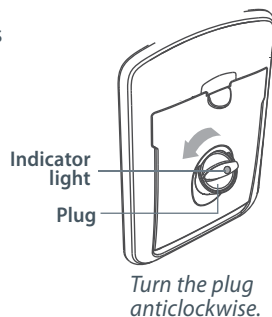
Using rinse aid

- We recommend using liquid rinse aid regularly to give the best drying results.
- Rinse aid gives a streak-free, sparkling clean look to glass and chinaware. It also prevents metal from tarnishing.
- The rinse aid dispenser is on the inside of the drawer, underneath the detergent dispenser. It holds approximately 1.7 fl oz / 50 ml of rinse aid.
- You may hear some unusual, high-pitched beeping when rinse aid is being dispensed. This is normal.

When to refill rinse aid

- If the indicator glows or flashes bright red, refill rinse aid.
- If the indicator glows or flashes dimly or not at all, you do not need to refill: there is enough rinse aid for the wash.

Note: Lighter coloured rinse aids will not dim the indicator as effectively as darker ones.



How to refill rinse aid

- 1 Turn the plug anticlockwise and remove.
- 2 Pour rinse aid into the circular opening, taking care not to spill any into the drawer.

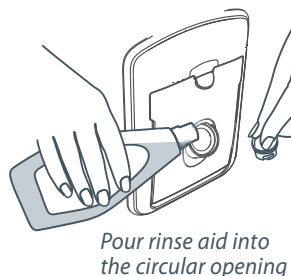
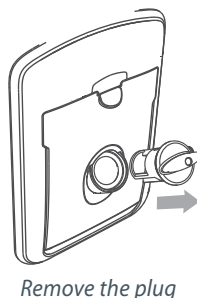
Important!

Any accidental spillages of rinse aid must be wiped up. If not wiped up, spilt rinse aid will cause excessive foaming, resulting in a service call that will not be covered by warranty.

- 3 Refit the plug, then turn it clockwise back to its original position.

Important!

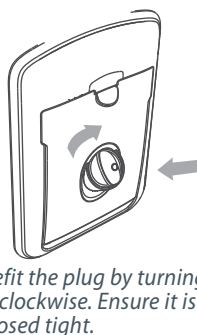
Make sure that the plug is closed tight, with its hand grip pointing straight ahead.



How much rinse aid to use

You may need to adjust the amount of rinse aid dispensed in each wash to suit your water conditions. The lowest setting is '1', the highest is '5'. See the 'Preference options' section of your 'Quick start guide' for instructions on how to change the rinse aid setting.

- If there is excessive foam at the end of the wash, reduce the setting.
- If dishes are wet or streaky after drying, increase the setting.
- If you live in a hard water area and you have no water softener installed in your water supply or built into your dishwasher, we recommend adjusting the rinse aid setting to 5.



Setting up the water softener

Important!

Only some models (those with a letter 'H' in the model name) have a built-in water softener.

Models with water softener are not currently available in New Zealand and Australia.

Determine the water hardness in your local area

Your local water company will be able to provide you with information. Identify the setting you require for your dishwasher from the water hardness table below. For example, if your water hardness is 500ppm, then the water softener setting on your dishwasher should be 4. Refer to the 'Preference options' section of your 'Quick start guide' for instructions on adjusting the water softener setting.

Dishwasher setting	Parts per million (ppm)	Grains per gallon (gpg)	°dH	°fH	°e / °Clark	mmol/l
0	0 - 100	0 - 6	0 - 5.6	0 - 10	0 - 7	0 - 0.1
1	100 - 250	6 - 14	5.6 - 14	10 - 25	7 - 17.5	0.1 - 2.5
2	250 - 350	14 - 20	14 - 19.6	25 - 35	17.5 - 24.5	2.5 - 3.5
3	350 - 450	20 - 26	19.6 - 25.2	35 - 45	24.5 - 31.5	3.5 - 4.5
4	450 - 550	26 - 32	25.2 - 30.8	45 - 55	31.5 - 38.5	4.5 - 5.5
5	550 - 625	32 - 36	30.8 - 35	55 - 62	38.5 - 43.8	5.5 - 6.2

Notes:

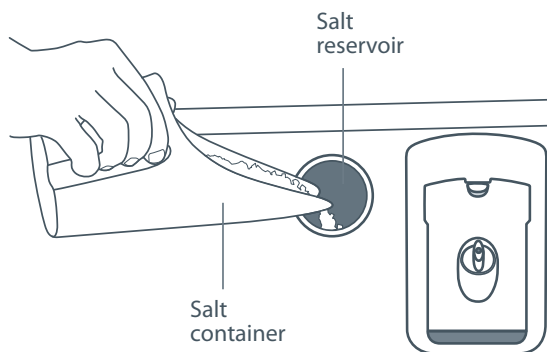
- If your water hardness is above 625ppm/36 gpg, we highly recommend you completely fill the detergent dispenser for all programs except Rinse and the rinse aid setting should be at 5. If your water hardness is above 625ppm/36 gpg, the wash performance of your dishwasher will decline.
- You may hear some unusual noises when the water softener is in operation, this is normal.

How to fill the salt reservoir

- 1 Open the drawer(s).
- 2 Unscrew the salt reservoir cap by turning anticlockwise.
- 3 Place the salt into the salt container and pour the contents into the salt reservoir.
The salt reservoir can hold up to approximately 1 lb/0.5 kg of salt.
- 4 Fit the cap tightly back into its original position.
- 5 If you do not wash your dishes immediately after filling the salt reservoir, run a Rinse program to remove any salt water or spilt granules.

Note:

When filling the salt reservoir, you may notice water being displaced from the water softener overflow.

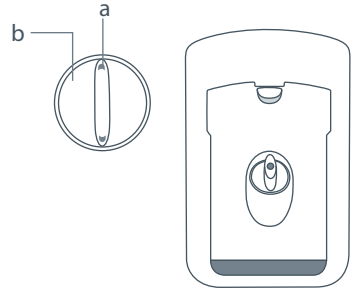


Important!

The water softener must always be filled with granular salt made especially for dishwasher water softening systems. We do not recommend the use of cooking salt like table salt, rock salt or pellets as they may contain impurities that will impair or diminish the life of the water softener.

The salt reservoir

Water softening can only take place when there is salt in the reservoir. The salt reservoir must be filled prior to using the dishwasher and whenever the salt indicator light is red.



a Salt indicator light
b Salt reservoir cap

Salt indicator light

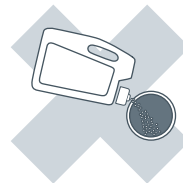
- If the salt indicator light is red, the salt reservoir is empty.
- If the salt indicator light is black, there is enough salt in the reservoir for the wash program that has been selected.
- Classic models only: The electronic display will also indicate when the salt reservoir is empty by displaying the salt **S** symbol.

Important!

Do not pour detergent or rinse aid into the salt reservoir. Detergent and rinse aid will destroy the water softener.



Salt only



NO Detergent



NO Rinse Aid

Important!

Disconnect the dishwasher from the power supply (unplug or switch off at the circuit breaker) and allow all its parts to cool before any cleaning or maintenance.

Holiday time

- If the dishwasher is not going to be used for some time, we recommend you leave it clean and empty. Leave the drawer(s) ajar to allow air to circulate. Turn off both the power and water supply to the dishwasher.
- When using your dishwasher for the first time after a long period away, we recommend pouring 3 cups of water into the drawer before loading and starting a wash. This is to lubricate components that may have dried out during non-use.

Cleaning the surfaces

- 1 Wipe with a clean damp cloth. Take care not to wet the control panel.
- 2 Dry with a clean lint-free cloth.

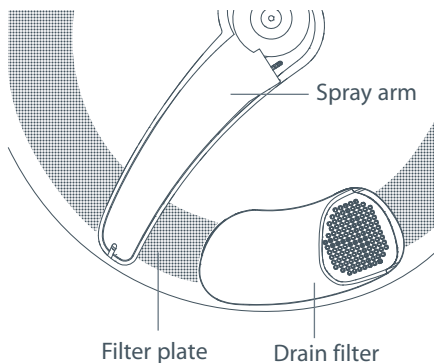
Important!

We do not recommend the use of the following cleaning aids on your dishwasher as they may damage the surfaces:

- | | |
|---|--|
| ■ <i>Plastic or stainless steel scouring pads</i> | ■ <i>Abrasive, solvent, household cleaners</i> |
| ■ <i>Acid or alkaline cleaners</i> | ■ <i>Hand washing liquids or soap</i> |
| ■ <i>Stainless steel cleaners or polishes</i> | ■ <i>Laundry detergents or disinfectants</i> |

Cleaning the drain filter, spray arm and filter plate

- We recommend that the drain filter is cleaned whenever there is evidence of food particles.
- The spray arm may need cleaning about once a month in normal use or more often should the need arise.
- The filter plate should not normally need cleaning. Food particles remaining on its surface can be wiped off with a clean, damp cloth.

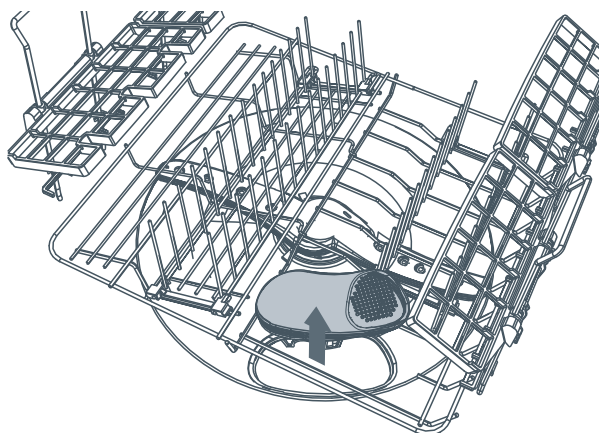
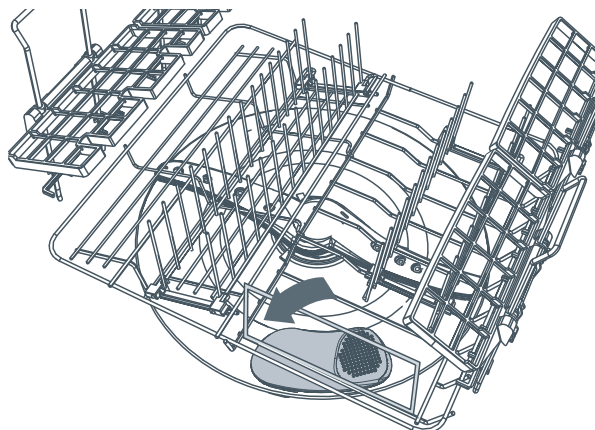


Important !

- *If a dishwasher cleaner/descaler is used, you must run a wash program with detergent immediately afterward to prevent any damage to your dishwasher.*
- *The dishwasher must be used with the filter plate, drain filter and spray arm correctly in place.*

Cleaning the drain filter

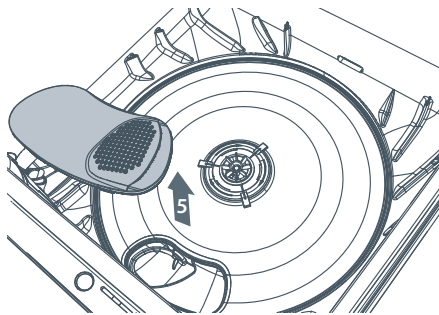
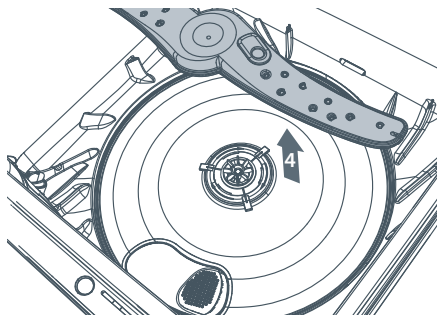
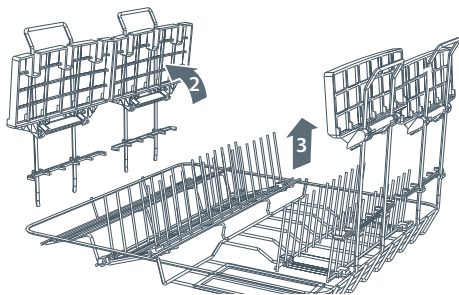
- 1 Unplug the dishwasher or turn it off at the power supply.
- 2 To access the drain filter, lift up the plastic grid above it, as shown.
- 3 Lift and remove the drain filter. It is normal to find some water under it.
- 4 Empty, rinse clean under running water and replace back into the allocated space.
- 5 Ensure the drain filter is flush with the filter plate, then lower the plastic grid back into place.
- 6 Plug the dishwasher back in or turn it on at the power supply.



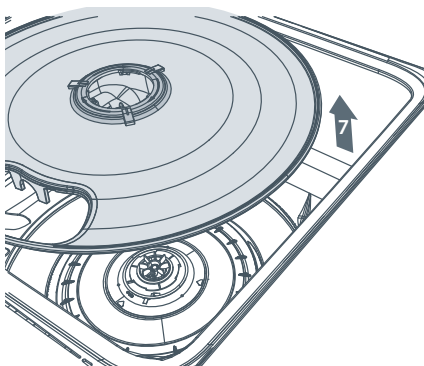
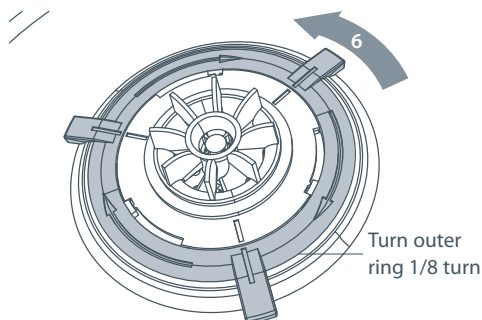
Cleaning the spray arm and filter plate

To remove and clean the spray arm and filter plate

- 1 Unplug the dishwasher or turn it off at the power supply.
- 2 Unclip the glass supports (if fitted) from the rack wires and fold all the adjustable racks away, so that they are upright and close to the top.
- 3 Remove the base rack carefully. Lift from the back end first to prevent knocking the detergent and rinse aid dispenser.
- 4 Lift the spray arm and shake any foreign material out. Rinse it clean under running water and wipe with a damp cloth.
- 5 Lift and remove the drain filter.

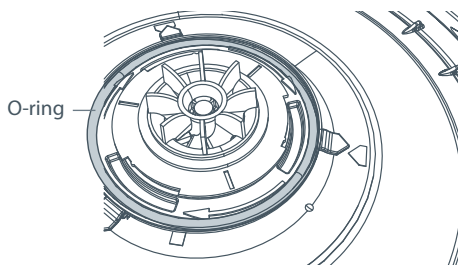


- 6 In the centre of the filter plate there are two rings. Turn the outer ring anticlockwise, about a 1/8 turn. This will release the filter plate.
- 7 Lift the filter plate out. Remove any foreign material, wash in hot soapy water and rinse thoroughly in clean water, then wipe with a damp cloth. Take care handling the sharp outer edge of the filter plate.



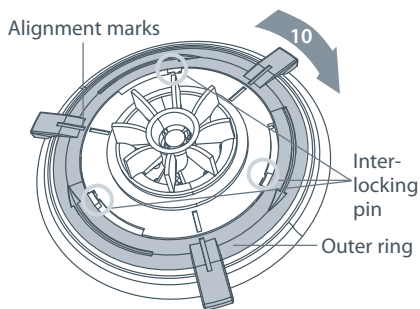
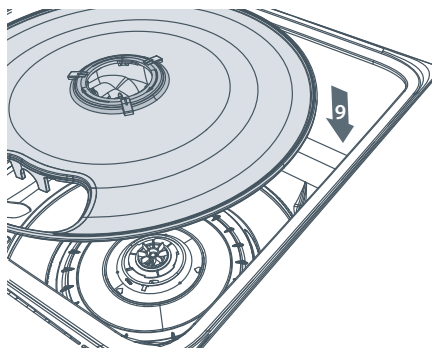
To replace the filter plate and spray arm

- 8 Before replacing the filter plate, ensure the O-ring is correctly positioned on the base, as shown.
- 9 Orientate the filter plate and lower it into place: make sure its kidney-shaped hole aligns with the matching recess in the dishwasher base.
- 10 Ensure the filter plate lies flat in the base, then lock it into position: turn the outer ring clockwise until the the marks align with each other and all three pin pairs firmly interlock, as shown.

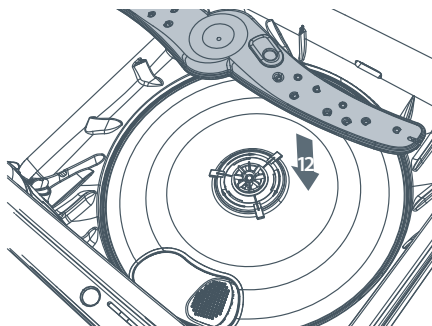
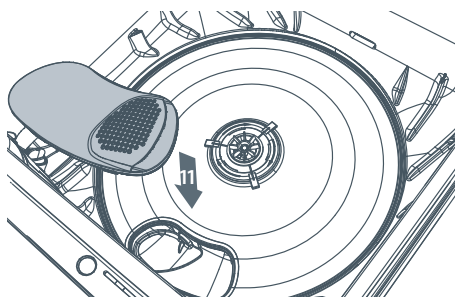


Important!

The filter plate must not be able to move about freely.



- 11 Replace the drain filter, ensuring it is flush with the filter plate.
- 12 Replace the spray arm back onto the impeller.



- 13 Replace the base rack, lowering its front edge into position first.
- 14 Plug the dishwasher back in or turn it on at the power supply.

Note: Where there is broken crockery or glass in the drawer, it must be carefully removed to prevent damage to the dishwasher.

Important!

Disconnect the dishwasher from the power supply (unplug or switch off at the circuit breaker) and allow all its parts to cool before any cleaning or maintenance.

Holiday time

- If the dishwasher is not going to be used for some time, we recommend you leave it clean and empty. Leave the drawer ajar to allow air to circulate. Turn off both the power and water supply to the dishwasher.
- When using your dishwasher for the first time after a long period away, we recommend pouring 3 cups of water into the drawer before loading and starting a wash. This is to lubricate components that may have dried out during non-use.

Cleaning the surfaces

- 1 Wipe with a clean damp cloth. Take care not to wet the control panel.
- 2 Dry with a clean lint-free cloth.

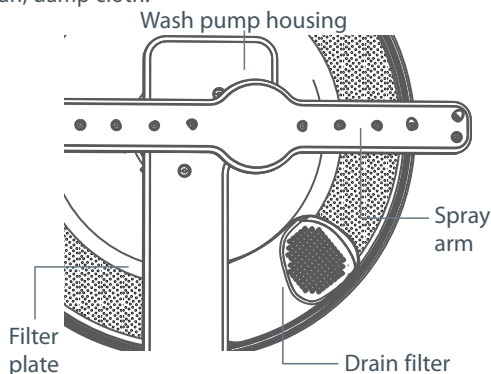
Important!

We do not recommend the use of the following cleaning aids on your dishwasher as they may damage the surfaces:

- | | |
|---|--|
| ■ <i>Plastic or stainless steel scouring pads</i> | ■ <i>Abrasive, solvent, household cleaners</i> |
| ■ <i>Acid or alkaline cleaners</i> | ■ <i>Hand washing liquids or soap</i> |
| ■ <i>Stainless steel cleaners or polishes</i> | ■ <i>Laundry detergents or disinfectants</i> |

Cleaning the drain filter, spray arm and filter plate

- We recommend that the drain filter is cleaned whenever there is evidence of food particles.
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- The filter plate should not normally need cleaning. Food particles remaining on its surface can be wiped off with a clean, damp cloth.

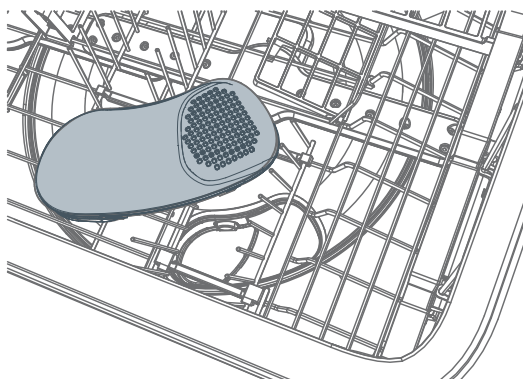
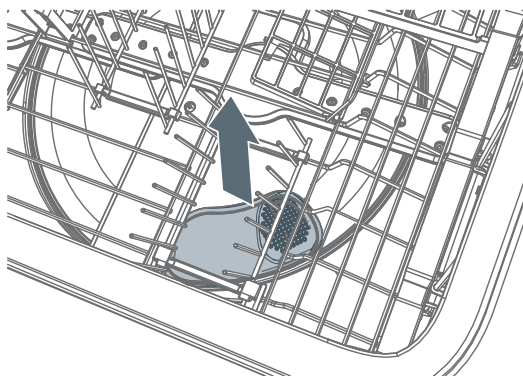


Important !

- *If a dishwasher cleaner/descaler is used, you must run a wash program with detergent immediately afterward to prevent any damage to your dishwasher.*
- *The dishwasher must be used with the filter plate, drain filter and spray arms correctly in place.*

Cleaning the drain filter

- 1 Unplug the dishwasher or turn it off at the power supply.
- 2 Ensure the tines above the drain filter are in the upright position.
- 3 Lift and remove the drain filter. It is normal to find some water under it.
- 4 Empty, rinse clean under running water and replace back into the allocated space.
- 5 Ensure the drain filter is flush with the filter plate.
- 6 Plug the dishwasher back in or turn it on at the power supply.

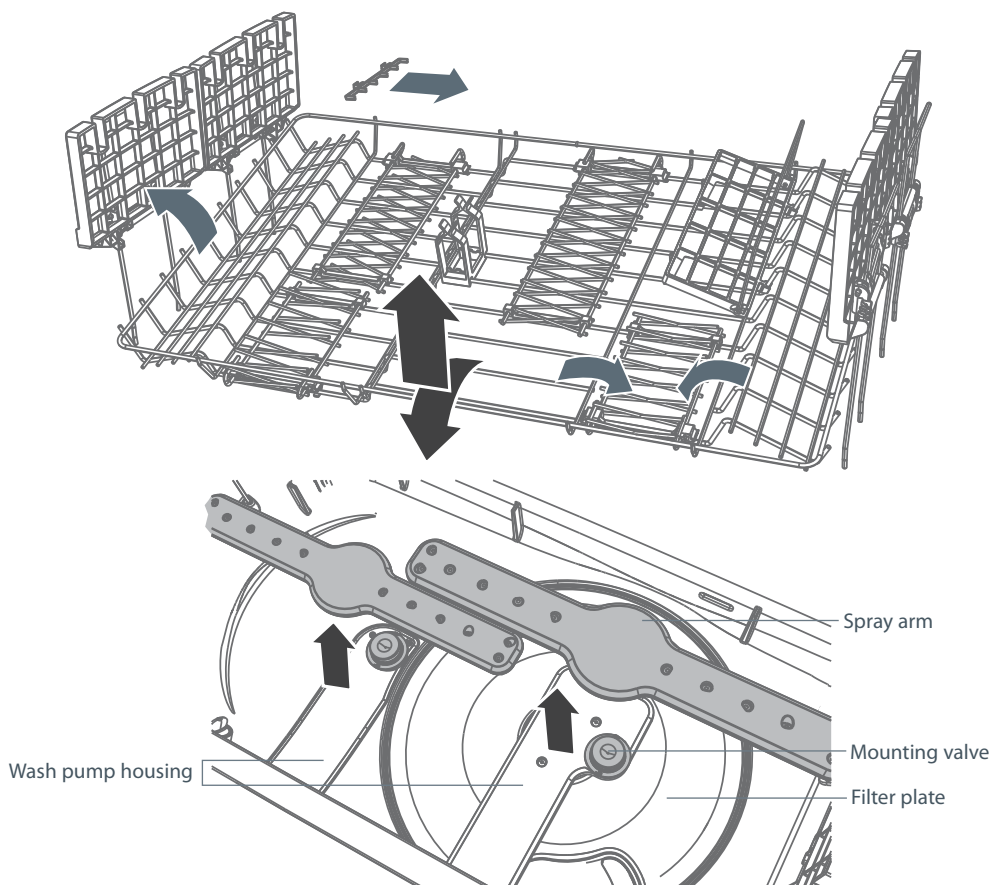


Cleaning the spray arms and filter plate

Ensure the dishwasher is cool before you start cleaning.

To remove the base rack and spray arms

- 1 Unplug the dishwasher or turn it off at the power supply.
- 2 Take out the cutlery basket.
- 3 Unclip the glass supports (if fitted) from the rack wires and fold all the adjustable racks away, so that they are upright and close to the top.
- 4 Fold down all the tines.
- 5 Remove the base rack carefully. Start lifting from the back first, tilting the rack as needed to clear the adjustable racks and the dispenser in the front.
- 6 Unclip the spray arms off their mounting valves and shake any foreign material out.
- 7 Rinse the spray arm clean under running water and wipe with a damp cloth.
- 8 If necessary, wipe any soiling off the filter plate with a clean, damp cloth.














To replace the spray arms and base rack

- 9 Clip the spray arms back onto their mounting valves. **Be careful that you don't force them too hard and apply too much pressure on the wash pump housing.** You should hear them click into place. Rotate them with your hand to check that they are located properly.
- 10 Replace the base rack, lowering its front edge into position first.
- 11 Clip the glass supports back on and arrange the racking back to your preference.
- 12 Plug the dishwasher back in or turn it on at the power supply.

Note: Where there is broken crockery or glass in the drawer, it must be carefully removed to prevent damage to the dishwasher.

Problem	Possible cause	What to do
Unclean dishes	Wash program unsuitable for the load.	See your 'Quick start guide' for a suitable wash program, or the soils were too heavily baked on and dishes may need soaking.
	Spray arm unable to rotate.	Ensure no items are obstructing the spray arm path.
	Drawer overloaded/incorrectly loaded.	Refer to the section on loading.
	Filter plate/drain filter is incorrectly inserted.	See section 'User maintenance instructions'.
	Detergent put in the wrong compartment of the dispenser.	Detergent must be placed in the large compartment. See section 'Adding detergent' for information.
	Excess food not removed from dinnerware prior to loading.	Scrape all food scraps off dinnerware prior to loading.
	Unsuitable detergent.	Use detergents suitable for automatic dishwashers. See section 'Adding detergent' for examples of suitable and unsuitable detergents.
	Not enough detergent.	See section 'Wash programs and detergent quantities' or follow the detergent manufacturer's instructions.
	Spray arm holes are blocked.	Clean the spray arm.
Foaming	Filter plate/drain filter is blocked.	Clean the filter plate and drain filter.
	Incorrect amount of detergent.	See section 'Wash programs and detergent quantities' or follow the detergent manufacturer's instructions.
	Too much egg in the wash load.	Increase the amount of detergent.
	Rinse aid setting too high.	Decrease the rinse aid setting.
Water leaking	Rinse aid dispenser plug not closed properly.	Ensure that the rinse aid dispenser plug is closed tight, with its hand grip pointing straight ahead. See section 'Using rinse aid'.
	Drain hose disconnected from waste pipe.	Reconnect the drain hose to the waste pipe.
	Water inlet hose not properly connected.	Ensure the inlet hose is connected securely.
	Other leaks.	Turn water and power supplies to the dishwasher off. Call Customer Care or your Authorised Service Centre. See your 'Service and warranty' booklet for contact details.
	Rinse aid dispenser plug not closed properly.	Ensure that the rinse aid dispenser plug is closed tight, with its hand grip pointing straight ahead. See section 'Using rinse aid'.

Problem	Possible cause	What to do
Drawer will not open (no beeping, no wash underway)	Childlock feature is on or the 'Closed drawer autolock' option is on, or both.	Turn the Childlock off. Hold down the  button until the  symbol disappears from the display or the light above the  button goes out and/or press the  /  button to open the drawer.
Power failure during cycle	Power outage in your home or area.	Wait until power resumes, cycle will restart in same part of wash program.
Continuous beeping	A fault has occurred.	Refer to section 'If there is a fault'.
Intermittent beeping	Dishwasher is in pause mode.	Close the dishwasher and press the  button to resume the program.
High-pitched, subtle beeping during a wash program	Rinse aid is being dispensed.	This is normal and needs no action.
Control buttons inside the drawer do not respond to touch	Water over control buttons.	Wipe the area dry.
Dishwasher will not start	Power supply is not connected.	Connect the power supply.
	The drawer is not closed properly.	Ensure the drawer is firmly closed.
	<i>Models with three buttons on the front only:</i> Keylock or Childlock feature is on.	Turn the Keylock or Childlock off. Hold down the  button until the  symbol disappears from the display or the light above the  button goes out.
	 button not pressed.	Press the  button.
Fan noise coming from the dishwasher after a wash program has finished	This is normal. The drying fan continues to run for a set period of time after a program has finished to assist with drying.	No action required. The fan will automatically stop after the set time is over, or when the drawer is opened. In some cases, the fan may resume when the drawer is closed again.
Fan noise starts up when I close the drawer, even though I didn't start a new wash	This is normal. In some cases, the drying fan will run whenever the drawer is closed for a set period of time after a program has finished.	No action required. The fan will automatically stop after the set time is over.

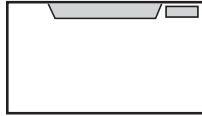
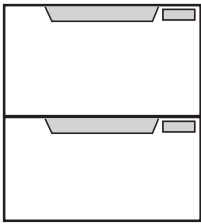
Problem	Possible Cause	What to do
The wash program seems to have finished (the dishwasher is idle), but the end of wash beeps haven't sounded and the drawer cannot be opened	The wash program is still underway. It is in a 'quiet' phase that is needed for ensuring the best wash results.	No action required. The program will transition into a more audible phase after the 'quiet' phase is over.
Water pooling on inner rim of drawer after a wash	This is normal condensation.	If there is any water over the control buttons, wipe dry.
Water under the drain filter	This is normal and needs no action.	
Excess water in the drawer	Drain hose(s) bent or kinked.	Straighten the drain hose(s).
	Blocked filters.	Clean the filter plate/drain filter. Refer to 'User maintenance instructions'.
Water marks on the dishes	Rinse aid depleted.	Refill the rinse aid dispenser.
	Rinse aid setting too low.	Increase the rinse aid setting.
	Dishwasher overloaded/incorrectly loaded.	Refer to the section on loading.
Drawer interior is stained	Some foods, like tomato based products, may stain the inside of the drawer.	Pre-rinse dishes before placing in the drawer. Alternatively, using the Rinse program after adding the dishes may minimise staining.
Dishes did not dry	Incorrect loading.	Ensure the dishes are not nesting together.
	Dishes were left in the drawer for several hours after a wash.	We recommend unloading the dishes within a few hours after a wash program has finished, as the small amount of vapour left after the wash may -with time- resettle on dishes as condensation. Using rinse aid or increasing its setting may also help reduce this problem.
	Rinse aid depleted.	Refill the rinse aid dispenser.
	Rinse aid setting too low.	Increase the rinse aid setting.
	Eco wash program used.	Choose a standard wash program.
No detergent dispensed	Detergent dispenser was wet when loaded.	Clean the dispenser and ensure it is dry before adding detergent.
Excessive motor noise	The filter plate and/or spray arm is incorrectly placed.	Refer to the 'User maintenance instructions' section for details on correct placement.
	No water in the motor area.	This usually occurs on the first use or when the dishwasher has not been used for long periods of time. Pour 3 cups of water into the drawer before running a wash program.

How do I know if there is a fault?

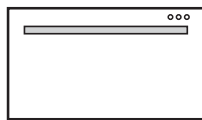
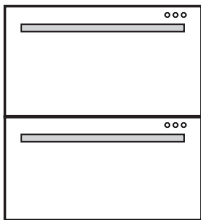
Your dishwasher will self-diagnose and let you know by beeping continuously and showing a fault code on the wash program panel inside the drawer (all models) and in the display (Classic models only) .

What should I do if there is a fault?

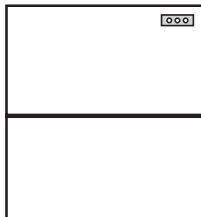
Check what kind of model you have and attend to the fault by following the appropriate flowchart following. You may be able to fix some of the faults yourself – with others, you will need to contact Fisher & Paykel Customer Care to organise a visit by a service technician.



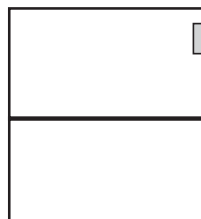
Classic models
Go to Page 34



Designer models
Go to Page 36

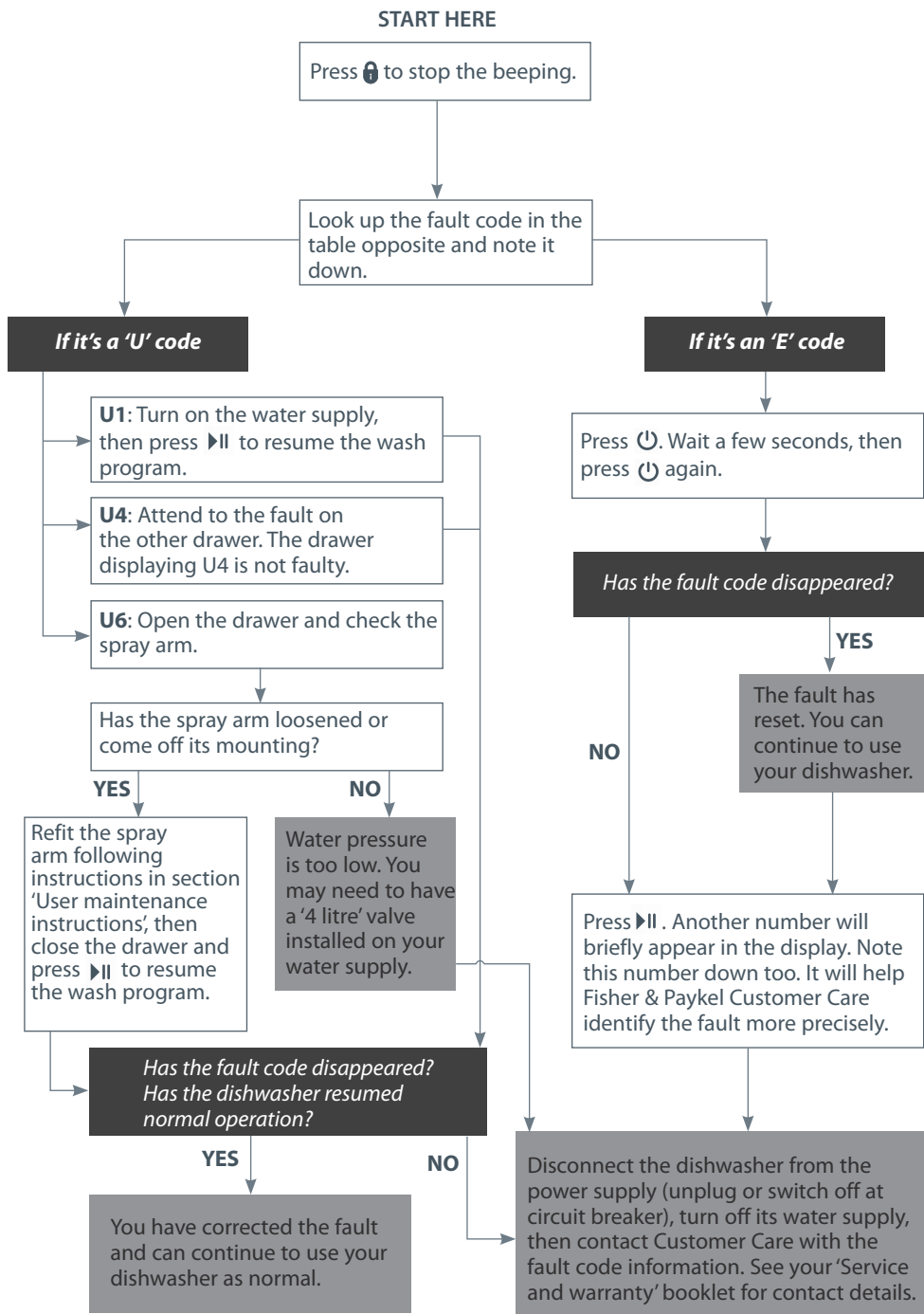


Integrated models with badge
Go to Page 38



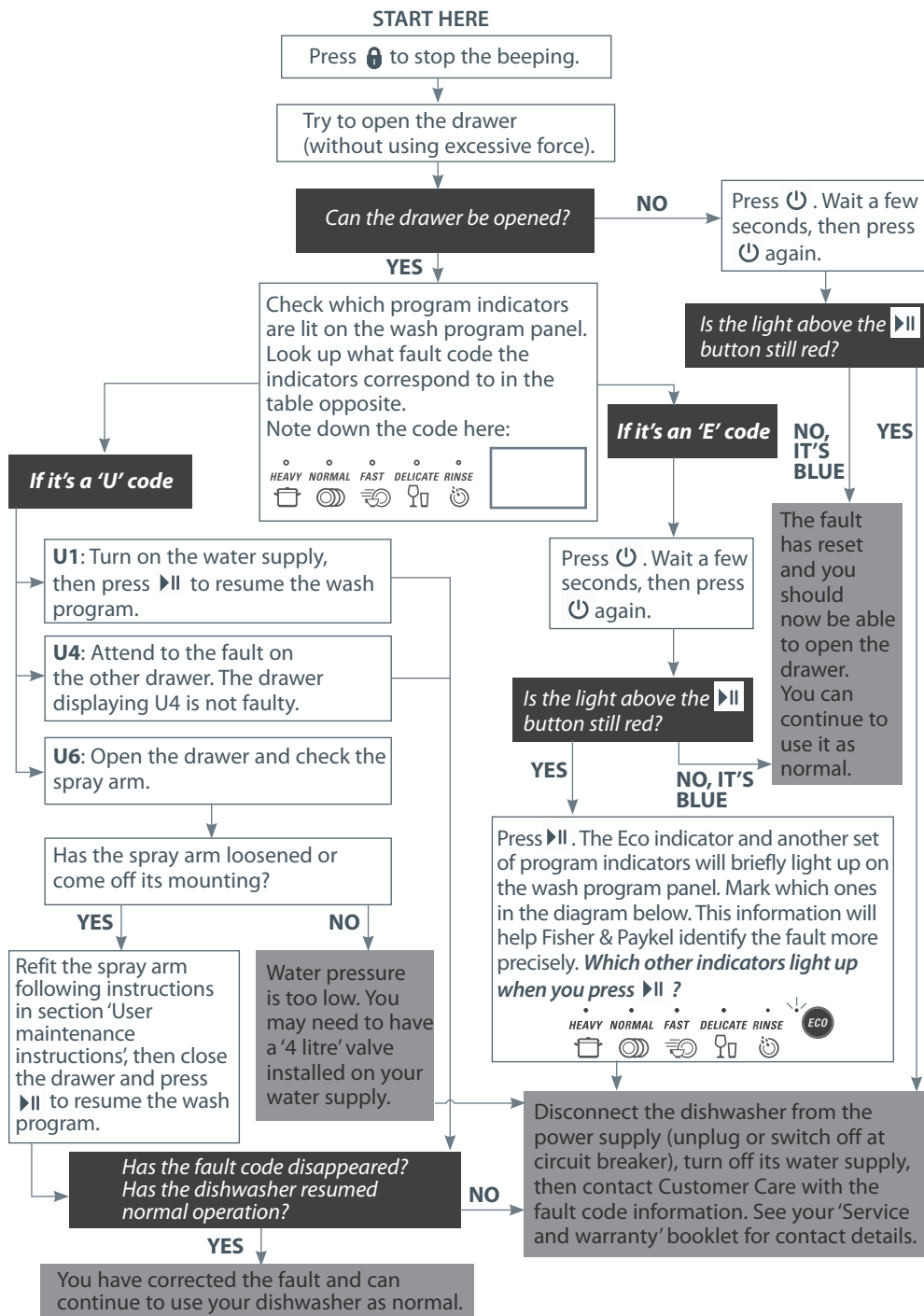
Integrated models with remote control
Go to Page 40

How to attend to a fault - Classic models

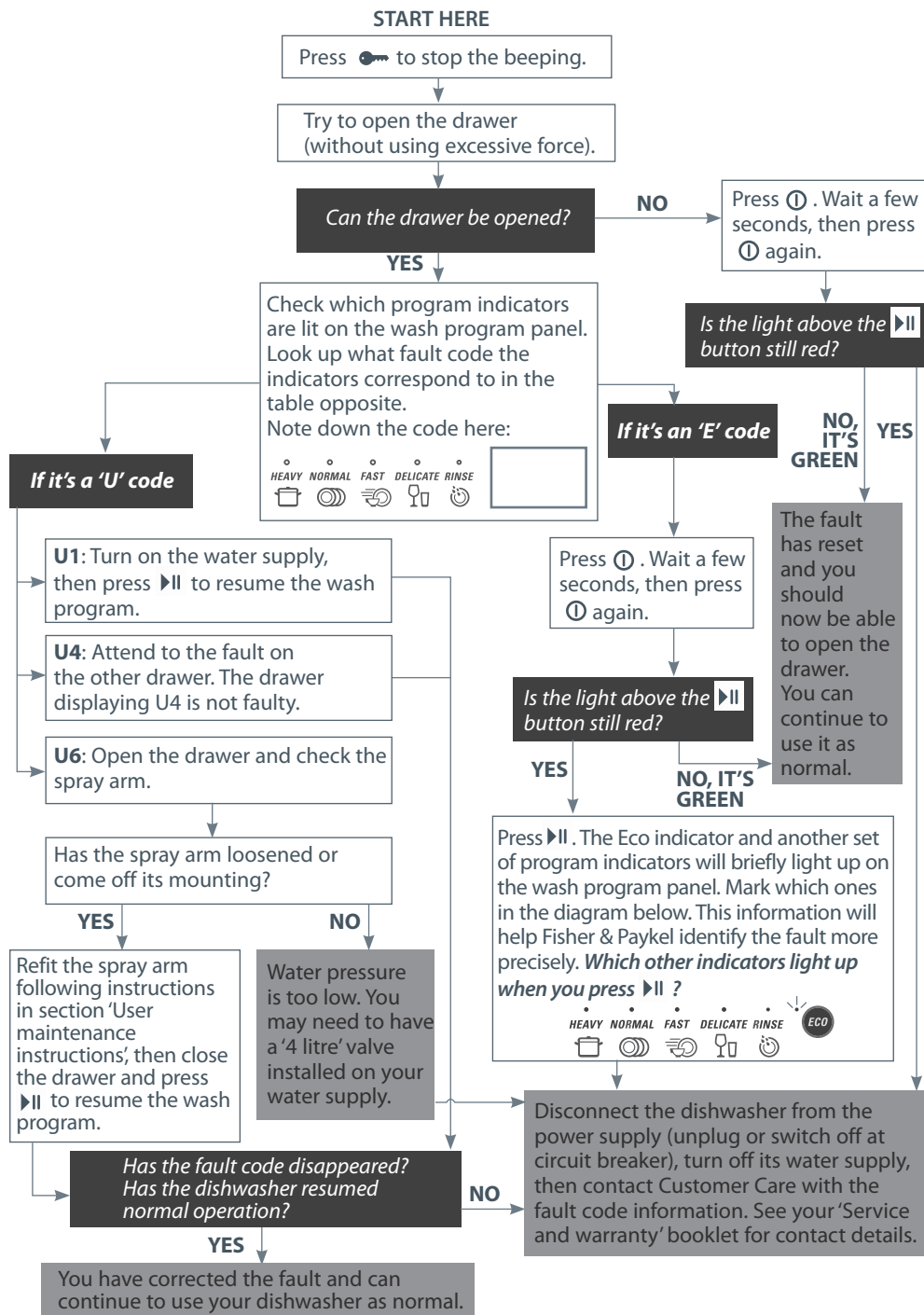


Display	Fault Code	Possible cause of fault
<i>U1</i> ☒	U1	No water – the water supply hasn't been turned on.
<i>U4</i>	U4	Fault in the other drawer preventing the use of this drawer.
<i>U6</i>	U6	The spray arm has loosened or come off its mounting, or water pressure is too low.

Display	Fault Code	Possible cause of fault
<i>E1</i> ↘	E1	Flood detected.
<i>E2</i> ↘	E2	Motor fault.
<i>E3</i> ↘	E3	Temperature sensor fault. You may need to have a tempering valve installed on your water supply, to ensure that incoming water is less than 65°C (149°F).
<i>E4</i> ↘	E4	Heating element failed.
<i>E5</i> ↘	E5	Fault with the internal lid of the dishwasher.
<i>E6</i> ↘	E6	Fault with the drying fan.
<i>E7</i> ↘	E7	Electronics fault—detergent dispensing system.
<i>E8</i> ↘	E8	Electronics fault—other systems.
<i>E9</i> ↘	E9	Electronics fault—controller.
<i>EC</i> ↘	EC	Electronics fault—communication between drawers.



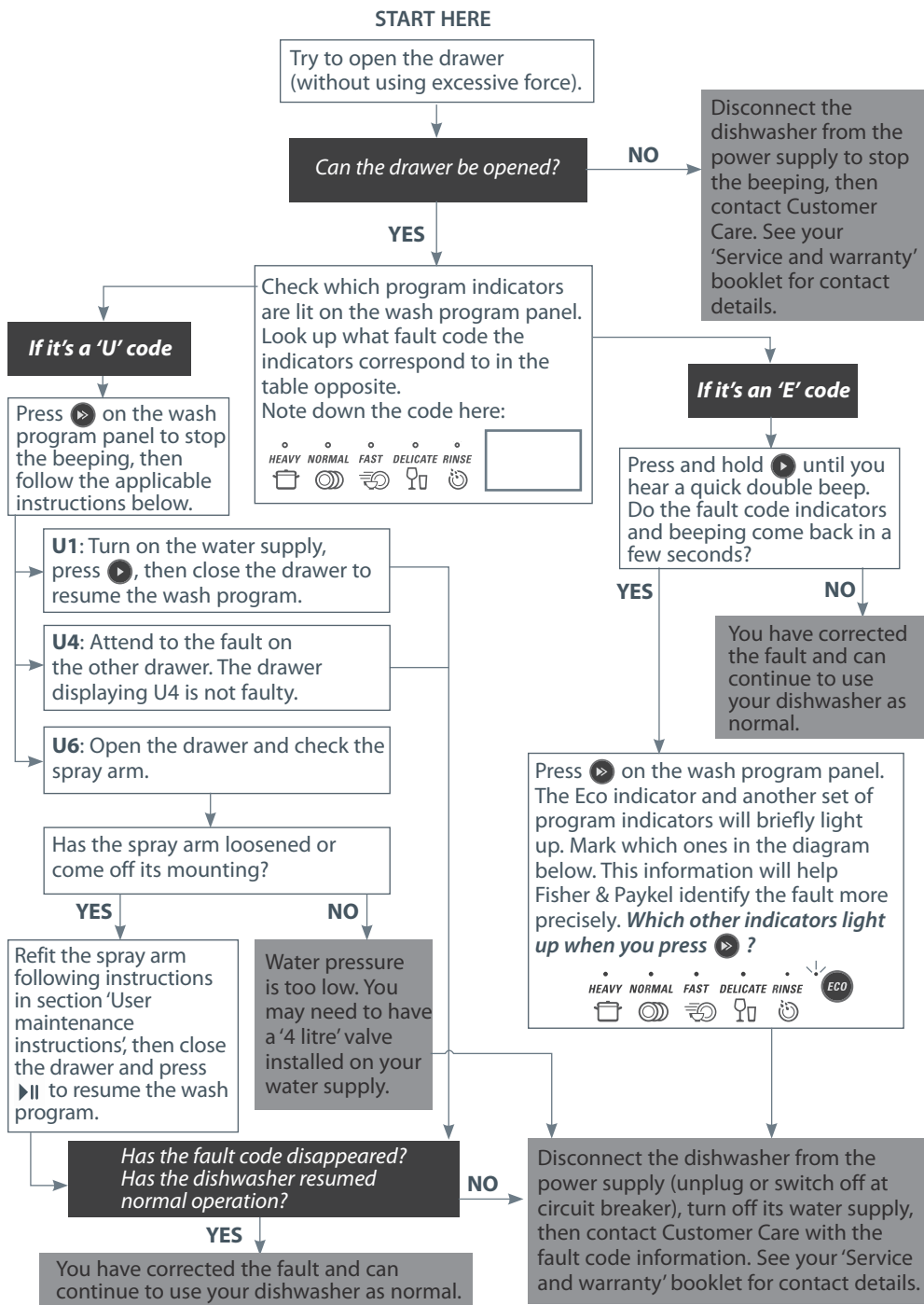
Wash program panel	Fault Code	Possible cause of fault
	U1	No water – the water supply hasn't been turned on.
	U4	Fault in the <i>other</i> drawer preventing the use of this drawer.
	U6	The spray arm has loosened or come off its mounting, or water pressure is too low.
Wash program panel	Fault Code	Possible cause of fault
	E1	Flood detected.
	E2	Motor fault.
	E3	Temperature sensor fault. You may need to have a tempering valve installed on your water supply, to ensure that incoming water is less than 65°C (149°F).
	E4	Heating element failed.
	E5	Fault with the internal lid of the dishwasher.
	E6	Fault with the drying fan.
	E7	Electronics fault—detergent dispensing system.
	E8	Electronics fault—other systems.
	E9	Electronics fault—controller.
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Wash program panel	Fault Code	Possible cause of fault
	U1	No water – the water supply hasn't been turned on.
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	E1	Flood detected.
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	E3	Temperature sensor fault. You may need to have a tempering valve installed on your water supply, to ensure that incoming water is less than 65°C (149°F).
	E4	Heating element failed.
	E5	Fault with the internal lid of the dishwasher.
	E6	Fault with the drying fan.
	E7	Electronics fault—detergent dispensing system.
	E8	Electronics fault—other systems.
	E9	Electronics fault—controller.
	EC	Electronics fault—communication between drawers.

How to attend to a fault - Integrated models with remote control



How to attend to a fault - 41

Integrated models with remote control

Wash program panel	Fault Code	Possible cause of fault
	U1	No water – the water supply hasn't been turned on.
	U4	Fault in the <i>other</i> drawer preventing the use of this drawer.
	U6	The spray arm has loosened or come off its mounting, or water pressure is too low.
Wash program panel	Fault Code	Possible cause of fault
	E1	Flood detected.
	E2	Motor fault.
	E3	Temperature sensor fault. You may need to have a tempering valve installed on your water supply, to ensure that incoming water is less than 65°C (149°F).
	E4	Heating element failed.
	E5	Fault with the internal lid of the dishwasher.
	E6	Fault with the drying fan.
	E7	Electronics fault—detergent dispensing system.
	E8	Electronics fault—other systems.
	E9	Electronics fault—controller.
	EC	Electronics fault—communication between drawers.

Before you call for service or assistance ...

Check the things you can do yourself. Refer to the 'Installation instructions', 'User guide' and 'Quick start guide' 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, please see you 'Service and warranty' booklet for warranty information and Customer Care contact details, or contact us through our website listed on the back cover.

Fisher & Paykel Appliances

Model no.

Serial no.

*Copy this from the serial label of your dishwasher.
The label is located inside cabinet, underneath the
(top) drawer.*

Date of purchase

Contact details

Dealer name

Wash program data - DD24/DD60 models

For information on which program to use for your load, see your 'Quick start guide'.

Wash cycle times indicated are approximate.

USA & CANADA - Classic, Designer, and Integrated double models				
HEAVY (~127 mins)	NORMAL (~128 mins)	FAST (~53 mins)	DELICATE (~82 mins)	RINSE (~11 mins)
pre-wash 120°F			pre-wash	
main wash 150°F	main wash 130°F	main wash 130°F	main wash 120°F	
post-rinse x3	post-rinse	post-rinse	post-rinse x2	
final rinse 163°F	final rinse 130°F	final rinse 120°F	final rinse 130°F	
drying phase	drying phase		drying phase	
HEAVY ECO (~107 mins)	NORMAL ECO (~100 mins)	FAST ECO (~35 mins)	DELICATE ECO (~68 mins)	
main wash 150°F	main wash 120°F	main wash 115°F	main wash 115°F	
post-rinse x3	post-rinse	post-rinse	post-rinse x2	
final rinse 150°F	final rinse 125°F	final rinse 115°F	final rinse 120°F	
drying phase	drying phase		drying phase	

USA & CANADA - Integrated single models				
HEAVY (~163 mins)	NORMAL (~164 mins)	FAST (~82 mins)	DELICATE (~118 mins)	RINSE (~11 mins)
pre-wash 120°F			pre-wash	
main wash 150°F	main wash 130°F	main wash 130°F	main wash 120°F	
post-rinse x3	post-rinse	post-rinse	post-rinse x2	
final rinse 135°F	final rinse 130°F	final rinse 120°F	final rinse 130°F	
drying phase	drying phase	drying phase	drying phase	
HEAVY ECO (~158 mins)	NORMAL ECO (~133 mins)	FAST ECO (~62 mins)	DELICATE ECO (~99 mins)	
main wash 150°F	main wash 120°F	main wash 115°F	main wash 115°F	
post-rinse x3	post-rinse	post-rinse	post-rinse x2	
final rinse 135°F	final rinse 125°F	final rinse 115°F	final rinse 120°F	
drying phase	drying phase	drying phase	drying phase	

NEW ZEALAND & AUSTRALIA - Classic, Designer, and Integrated double models

HEAVY (~124 mins)	NORMAL (~128 mins)	FAST (~49 mins)	DELICATE (~92 mins)	RINSE (~11 mins)
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pre-wash

main wash 70°C	main wash 60°C	main wash 55°C	main wash 50°C
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post-rinse x2	post-rinse	post-rinse	post-rinse x2
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final rinse 65°C	final rinse 60°C	final rinse 55°C	final rinse 60°C
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drying phase	drying phase		drying phase
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HEAVY ECO (~120 mins)	NORMAL ECO* (~149 mins)	FAST ECO (~33 mins)	DELICATE ECO (~80 mins)
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main wash 65°C	main wash 40°C	main wash 45°C	main wash 45°C
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post-rinse x2	post-rinse	post-rinse	post-rinse x2
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final rinse 55°C	final rinse 40°C	final rinse 45°C	final rinse 50°C
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drying phase	drying phase		drying phase
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NEW ZEALAND & AUSTRALIA - Integrated single models

HEAVY (~170 mins)	NORMAL (~174 mins)	FAST (~83 mins)	DELICATE (~128 mins)	RINSE (~11 mins)
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pre-wash

main wash 70°C	main wash 60°C	main wash 55°C	main wash 50°C
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post-rinse x2	post-rinse	post-rinse	post-rinse x2
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final rinse 57°C	final rinse 57°C	final rinse 55°C	final rinse 57°C
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drying phase	drying phase	drying phase	drying phase
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HEAVY ECO (~166 mins)	NORMAL ECO* (~189 mins)	FAST ECO (~60 mins)	DELICATE ECO (~111 mins)
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main wash 65°C	main wash 40°C	main wash 45°C	main wash 45°C
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post-rinse x2	post-rinse	post-rinse	post-rinse x2
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final rinse 55°C	final rinse 40°C	final rinse 45°C	final rinse 50°C
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drying phase	drying phase	drying phase	drying phase
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*Reference program for energy label in compliance with AS/NZS 2007.

GREAT BRITAIN AND IRELAND				
HEAVY (~126 mins)	NORMAL (~95 mins)	FAST (~53 mins)	DELICATE (~92 mins)	RINSE (~11 mins)
pre-wash				
main wash 70°C	main wash 65°C	main wash 55°C	main wash 50°C	
post-rinse x2	post-rinse x2	post-rinse	post-rinse x2	
final rinse 65°C	final rinse 65°C	final rinse 50°C	final rinse 60°C	
drying phase	drying phase		drying phase	
HEAVY ECO (~121 mins)	NORMAL ECO* (~159 mins)	FAST ECO (~39 mins)	DELICATE ECO (~87 mins)	
main wash 60°C	main wash 50°C	main wash 45°C	main wash 45°C	
post-rinse x2	post-rinse	post-rinse	post-rinse x2	
final rinse 55°C	final rinse 60°C	final rinse 45°C	final rinse 50°C	
drying phase	drying phase		drying phase	

*Reference program for energy label in compliance with EN50242 Regulations.

Note:

Wash times can vary depending on the incoming water temperature, ambient conditions, type of dish load and whether the drawer has been opened during the wash. Wash times are only APPROXIMATE on the electronic display and based on 120°F (USA and Canada), 20°C (New Zealand and Australia), or 15°C (Great Britain and Ireland) incoming water.

Wash program data - DD36/DD90 models

For information on which program to use for your load, see your 'Quick start guide'.

Wash cycle times indicated are approximate.

USA & CANADA - Designer models				
HEAVY (~141 mins)	NORMAL (~148 mins)	FAST (~58 mins)	DELICATE (~85 mins)	RINSE (~9 mins)
pre-wash 120°F				pre-wash
main wash 150°F	main wash 140°F	main wash 130°F	main wash 120°F	
post-rinse x3	post-rinse x3	post-rinse	post-rinse x2	
final rinse 163°F	final rinse 150°F	final rinse 140°F	final rinse 130°F	
drying phase	drying phase		drying phase	
HEAVY ECO (~135 mins)	NORMAL ECO (~113 mins)	FAST ECO (~39 mins)	DELICATE ECO (~60 mins)	
pre-wash				
main wash 140°F	main wash 120°F	main wash 115°F	main wash 115°F	
post-rinse x3	post-rinse	post-rinse	post-rinse x2	
final rinse 150°F	final rinse 150°F	final rinse 115°F	final rinse 120°F	
drying phase	drying phase		drying phase	

USA & CANADA - Integrated models				
HEAVY (~179 mins)	NORMAL (~186 mins)	FAST (~94 mins)	DELICATE (~122 mins)	RINSE (~9 mins)
pre-wash 120°F			pre-wash	
main wash 150°F	main wash 140°F	main wash 130°F	main wash 120°F	
post-rinse x3	post-rinse x3	post-rinse	post-rinse x2	
final rinse 135°F	final rinse 135°F	final rinse 135°F	final rinse 130°F	
drying phase	drying phase	drying phase	drying phase	
HEAVY ECO (~173 mins)	NORMAL ECO (~151 mins)	FAST ECO (~72 mins)	DELICATE ECO (~95 mins)	
pre-wash				
main wash 140°F	main wash 120°F	main wash 115°F	main wash 115°F	
post-rinse x3	post-rinse	post-rinse	post-rinse x2	
final rinse 135°F	final rinse 135°F	final rinse 115°F	final rinse 120°F	
drying phase	drying phase	drying phase	drying phase	

NEW ZEALAND & AUSTRALIA - Designer models				
HEAVY (~130 mins)	NORMAL (~120 mins)	FAST (~55 mins)	DELICATE (~98 mins)	RINSE (~11 mins)
pre-wash				
main wash 70°C	main wash 50°C	main wash 55°C	main wash 50°C	
post-rinse x2	post-rinse	post-rinse	post-rinse x2	
final rinse 65°C	final rinse 60°C	final rinse 60°C	final rinse 60°C	
drying phase	drying phase		drying phase	
HEAVY ECO (~129 mins)	NORMAL ECO* (~146 mins)	FAST ECO (~45 mins)	DELICATE ECO (~91 mins)	
main wash 60°C	main wash 42°C	main wash 45°C	main wash 45°C	
post-rinse x2	post-rinse	post-rinse	post-rinse x2	
final rinse 55°C	final rinse 43°C	final rinse 45°C	final rinse 50°C	
drying phase	drying phase		drying phase	

NEW ZEALAND & AUSTRALIA - Integrated models				
HEAVY (~168 mins)	NORMAL (~158 mins)	FAST (~91 mins)	DELICATE (~136 mins)	RINSE (~11 mins)
pre-wash				
main wash 70°C	main wash 50°C	main wash 55°C	main wash 50°C	
post-rinse x2	post-rinse	post-rinse	post-rinse x2	
final rinse 57°C	final rinse 57°C	final rinse 57°C	final rinse 57°C	
drying phase	drying phase	drying phase	drying phase	
HEAVY ECO (~166 mins)	NORMAL ECO* (~177 mins)	FAST ECO (~78 mins)	DELICATE ECO (~126 mins)	
main wash 60°C	main wash 42°C	main wash 45°C	main wash 45°C	
post-rinse x2	post-rinse	post-rinse	post-rinse x2	
final rinse 55°C	final rinse 43°C	final rinse 45°C	final rinse 50°C	
drying phase	drying phase	drying phase	drying phase	

*Reference program for energy label in compliance with AS/NZS 2007.

GREAT BRITAIN AND IRELAND				
HEAVY (~126 mins)	NORMAL (~95 mins)	FAST (~60 mins)	DELICATE (~99 mins)	RINSE (~11 mins)
pre-wash				
main wash 70°C	main wash 65°C	main wash 55°C	main wash 50°C	
post-rinse x2	post-rinse x2	post-rinse	post-rinse x2	
final rinse 65°C	final rinse 65°C	final rinse 60°C	final rinse 60°C	
drying phase	drying phase		drying phase	
HEAVY ECO (~121 mins)	NORMAL ECO* (~179 mins)	FAST ECO (~42 mins)	DELICATE ECO (~92 mins)	
main wash 60°C	main wash 50°C	main wash 45°C	main wash 45°C	
post-rinse x2	post-rinse	post-rinse	post-rinse x2	
final rinse 55°C	final rinse 55°C	final rinse 45°C	final rinse 50°C	
drying phase	drying phase		drying phase	

*Reference program for energy label in compliance with EN50242 Regulations.

Note:

Wash times can vary depending on the incoming water temperature, ambient conditions, type of dish load and whether the drawer has been opened during the wash. Wash times are only APPROXIMATE on the electronic display and based on 120°F (USA and Canada), 20°C (New Zealand and Australia), or 15°C (Great Britain and Ireland) incoming water.

Standards test - DD24 models (USA & CANADA)

The dishwashers are tested to various standards for wash performance using the parameters detailed below.

Rinse agent setting

4

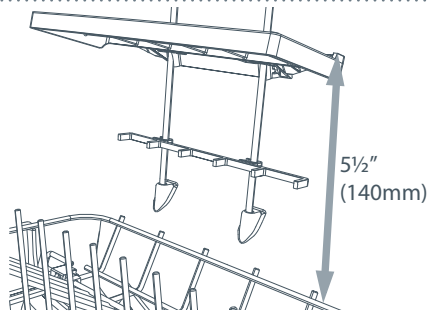
Maximum place setting

10 for double models

Water softener setting
(for DD24-H models only)

Adjust the water softener to match the water hardness. Refer to the 'Water softener' section.

Height setting of adjustable racks



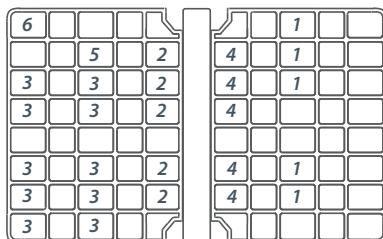
Recommended loading pattern



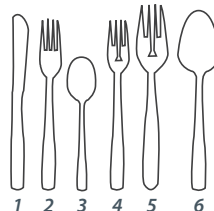
Top drawer



Bottom drawer

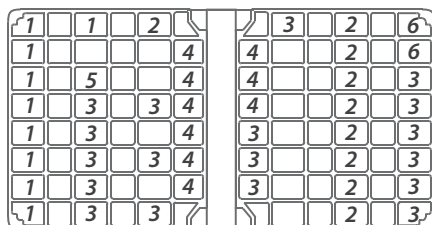


Cutlery basket



The dishwashers are tested to various standards for wash performance using the parameters detailed below.

Rinse agent setting	4
Maximum place setting	9
Accessories to be used in the dishwasher standards test	Base rack, folding tines, cutlery basket with cutlery grid, adjustable racks, glass supports, multi-purpose clip. Use the multi-purpose clip to hold the platter
Recommended loading pattern	



Cutlery basket

Standards test - DD60 models (NZ & AUSTRALIA)

The dishwashers are tested to AS/NZS 2007 standards for both wash and dry performance, using the parameters detailed below.

Wash program

Normal Eco

(At the end of the program, open the drawer 50 mm to improve the dry performance.)

Detergent quantities

23.75g (main wash) per drawer

Rinse aid setting

4

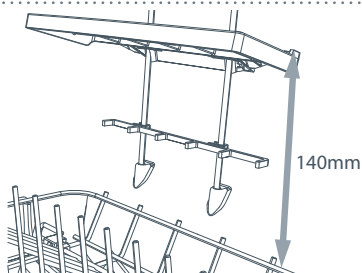
Maximum place setting (per drawer)

7

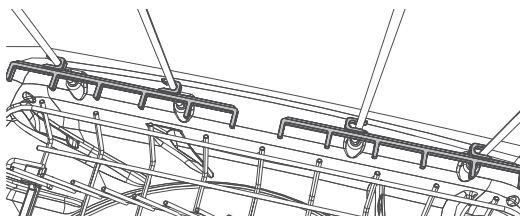
Accessories to be used in the Dishwasher standards test

Base rack, folding tines, spacing-adjustable tines, cutlery basket with cutlery grid, adjustable racks, glass supports.

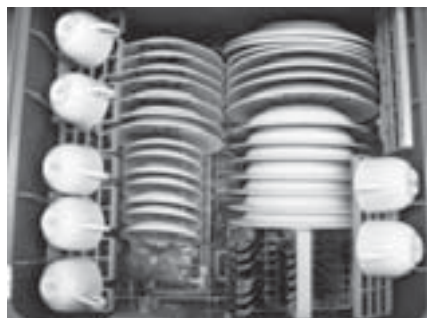
Height setting of adjustable racks



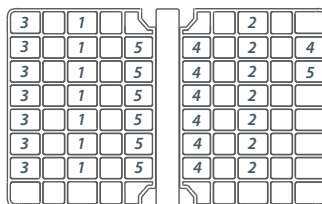
Correct orientation of glass supports on both sides of drawer



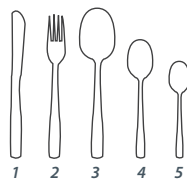
Recommended loading pattern



Top and Bottom drawer

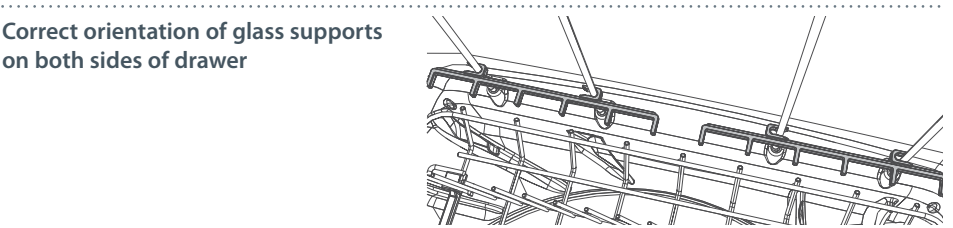
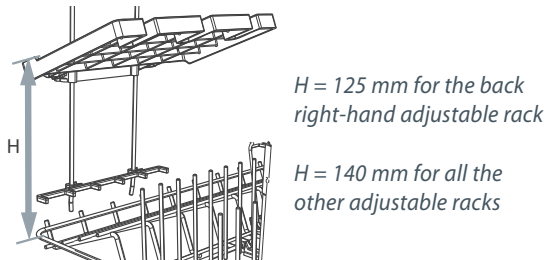


Cutlery basket

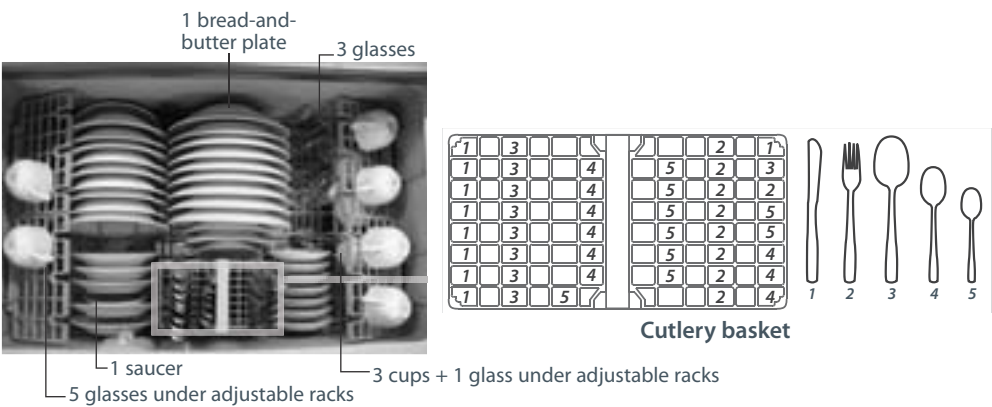


The dishwashers are tested to AS/NZS 2007 standards for both wash and dry performance using the parameters detailed below.

Wash programme	Normal Eco (At the end of the programme, open the drawer 50 mm to improve the dry performance.)
Detergent quantities	26.25g (main wash)
Rinse aid setting	4
Maximum place setting	9
Accessories to be used in the dishwasher standards test	Base rack, folding tines, cutlery basket with cutlery grid, adjustable racks, glass supports, multi-purpose clip.
Height setting of adjustable racks	

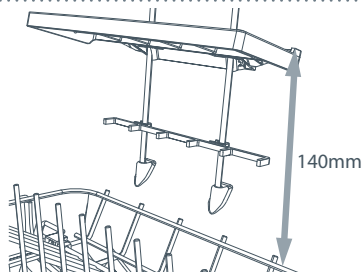


Recommended loading pattern

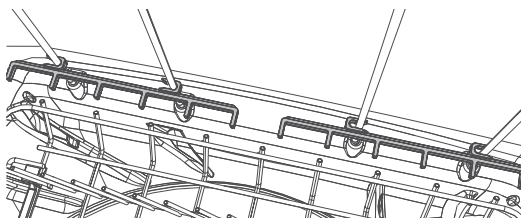


The dishwashers are tested to EN50242 standards for both wash and dry performances using the parameters detailed below.

Wash program	Normal Eco
Detergent quantities	2.5g (pre-wash) per drawer 15.5g (main wash) per drawer
Rinse aid setting	4
Water softener setting	Adjust the water softener to match the water hardness. Refer to the 'Water softener' and 'Option adjustments' sections.
Maximum place setting (per drawer)	6
Accessories to be used in the Dishwasher standards test	Base rack, folding tines, spacing-adjustable tines, cutlery basket, adjustable racks, glass supports.
Height setting of adjustable racks	



Correct orientation of glass supports on both sides of drawer

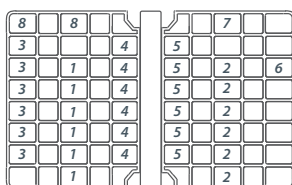


Recommended loading pattern

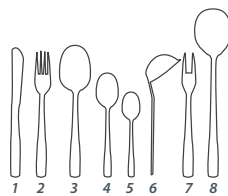


Top and Bottom drawer

small bowl
between
cutlery basket
and first soup
bowl



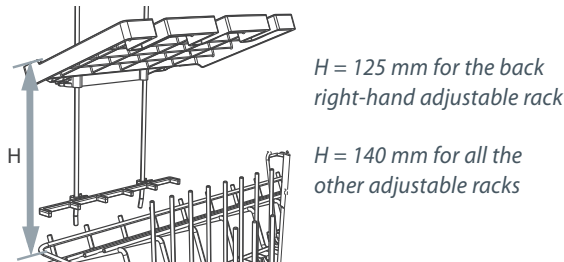
Cutlery basket



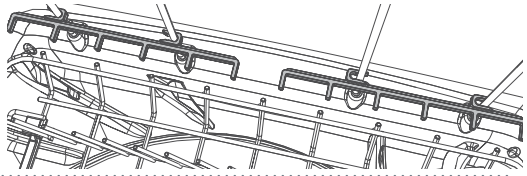
The dishwashers are tested to EN50242 standards for both wash and dry performances using the parameters detailed below.

Wash programme	Normal Eco
Detergent quantities	5g (pre-wash) 22g (main wash)
Rinse aid setting	4
Water softener setting	Adjust the water softener to match the water hardness. Refer to the 'Water softener' and 'Option adjustments' sections.
Maximum place setting	9
Accessories to be used in the dishwasher standards test	Base rack, 'slide-and-fold' tines, cutlery basket with cutlery grid, adjustable racks, glass supports, multi-purpose clip.

Height setting of adjustable racks



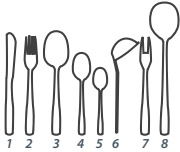
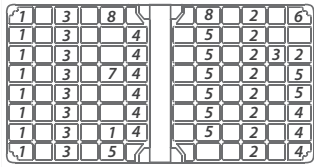
Correct orientation of glass supports on both sides of drawer



Recommended loading pattern



5 glasses under left-hand adjustable rack



Cutlery basket

www.fisherpaykel.com
www.fisherpaykel.ca
www.fisherpaykel.co.nz
www.fisherpaykel.com.au
www.fisherpaykel.co.uk
www.fisherpaykel.ie

Fisher & Paykel

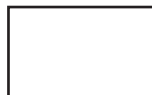
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The product specifications in this booklet apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time. You should therefore check with your Dealer to ensure this booklet correctly describes the product currently available.

INSTALLATION INSTRUCTIONS

DishDrawer™ dishwasher

DD24S 7 & DD24ST 7 models

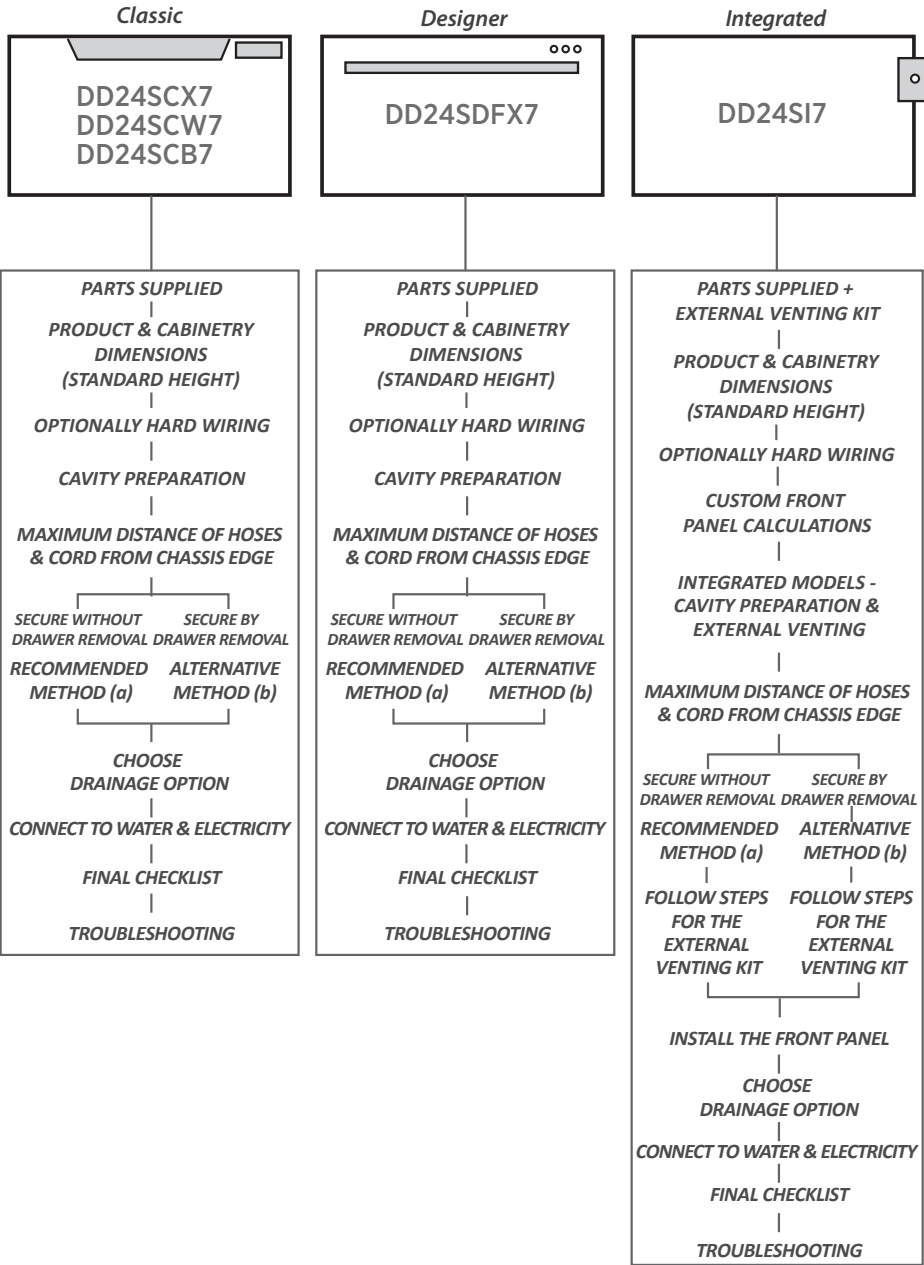


US CA

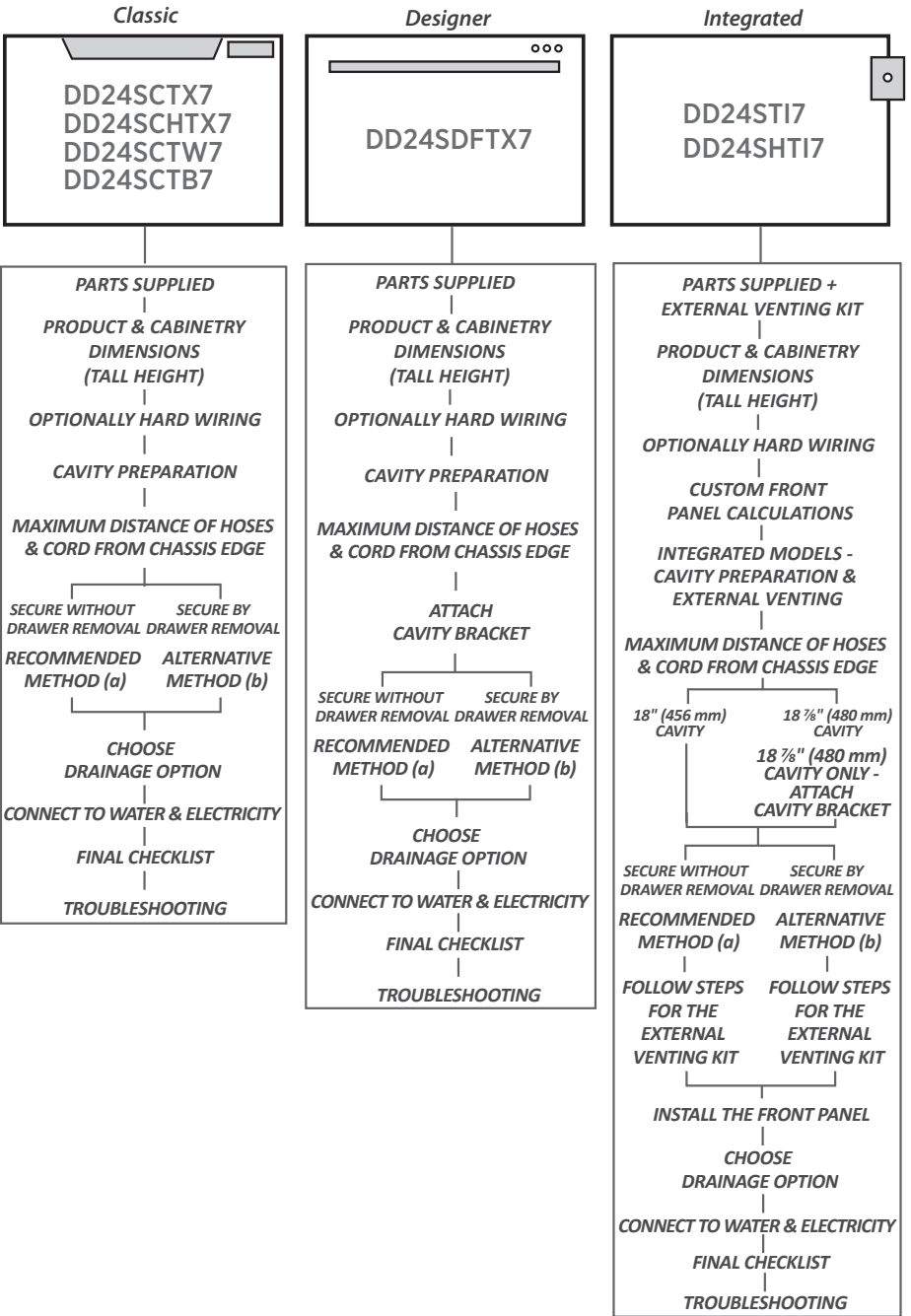
Fisher & Paykel

1 FOLLOW THE INSTALLATION SEQUENCE RELEVANT TO YOUR MODEL

STANDARD HEIGHT SINGLE MODELS



TALL HEIGHT SINGLE MODELS



2a) SAFETY AND WARNINGS - ALL MODELS

⚠ WARNING!



Electrical hazard

Before installing the dishwasher, remove the house fuse or open the circuit breaker. If permanently connecting the dishwasher, be sure the power is isolated and the dishwasher unplugged.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances. **WARNING** - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt as to whether the appliance is properly grounded.

If the dishwasher is installed as a permanently connected appliance: **GROUNDING INSTRUCTIONS** - This appliance must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance. Do not modify the power supply plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use an extension cord, adapter plug or multiple outlet box.

Failure to follow this advice may result in electrical shock or death.

⚠ WARNING!



Cut hazard

Take care - panel edges are sharp.

Failure to use caution could result in injury or cuts.

2b) ADDITIONAL SAFETY AND WARNINGS - INTEGRATED MODELS ONLY

⚠ WARNING!



Electrical Shock Hazard

WARNING: To reduce the risk of electrical shock, fire, or injury to persons, the installer must ensure that the dishwasher is completely enclosed at the time of installation.

Before fitting the front panel, make sure that the dishwasher is disconnected from the power supply. After installing the front panel, the installer must ensure that the following components are electrically grounded: the panel bracket and any custom metal component (e.g. handle) that extends past the rubber seal.

Failure to follow these warnings may result in electrical shock, injury or fire.

IMPORTANT SAFETY INSTRUCTIONS!

- Installation of this dishwasher requires basic mechanical and electrical skills.
- Be sure to leave these Instructions with the Customer.
- Installation must comply with your local building, electricity, and plumbing regulations.
- At the completion of the dishwasher installation, the Installer must perform the Final Checklist.
- Remove all packaging materials supplied with the dishwasher.
- This dishwasher is manufactured for indoor use only.
- Ensure all water connections are turned OFF. It is the responsibility of the plumber and electrician to ensure that each installation complies with all Codes and Regulations.
- The dishwasher **MUST** be installed to allow for future removal from the enclosure if service is required.
- The switched power outlet must be outside the dishwasher cavity, so that it is accessible after installation.
- Care should be taken when the appliance is installed or removed to reduce the likelihood of damage to the power supply cord and hoses.
- If the dishwasher is to be relocated from one installation to another it must be kept upright to avoid damage from water spillage.
- Make sure only new hoses are used for connection (supplied with the dishwasher). Old hoses should not be reused.
- Failure to install the dishwasher correctly could invalidate any warranty or liability claims.
- If the product is installed in a motor vehicle, boat or similar mobile facility, you must bring the vehicle, boat or mobile facility containing the product to the service shop at your expense or pay the service technician's travel to the location of the product.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS!

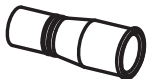
- Read these instructions completely and carefully.
- Ensure the product is not plugged in.
- Installation of custom panels requires basic mechanical and electrical skills.
- Installation must comply with your local building and electricity regulations.
- Failure to install the custom panels correctly could invalidate any warranty or liability claims.

SAVE THESE INSTRUCTIONS

3a) PARTS SUPPLIED - ALL MODELS



Drain hose support (1)



Drain hose joiner (1)



Wire clip (1)
(for securing
Drain hose joiner)



Side mounting
bracket kit
(A and B) (2)
OPTIONAL



Clamp (1)
(for securing
Drain hose joiner)



Phillips
 $\frac{5}{8}$ " (16 mm)
screws (7)



1½" (38 mm)
bottom fixing
screws & metal
washers (2)



Rubber
washer for
inlet hose (1)
(comes already
fitted)



Moisture protection
tape (1)
(to prevent moisture
damage)



Cavity bracket kit (1)
**supplied with Tall height
Designer and
Integrated models only**

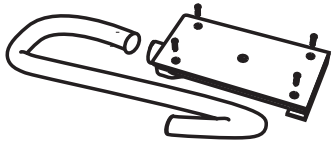


Edge Protector (1)
*(If the services hole is through
a metal partition the hole
must be protected with the
Edge protector supplied to
prevent damage to the power
cord or hoses.)*

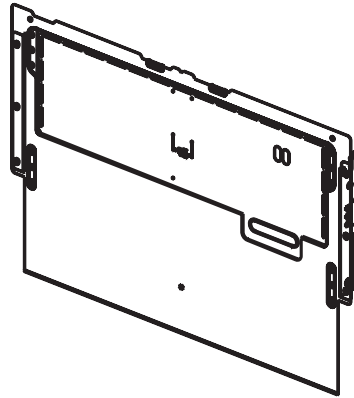
If the Drain hose supplied is not long enough to reach your services, you must use a Drain Hose Extension Kit P/N 525798 which will extend the drain hoses by 11' 10" (3.6m).

The kit is available from the nearest Fisher & Paykel Authorized Service Center, or Toll free 1.888.936.7872 or www.fisherpaykel.com

3b) ADDITIONAL PARTS SUPPLIED WITH INTEGRATED MODELS



External Venting kit (1)



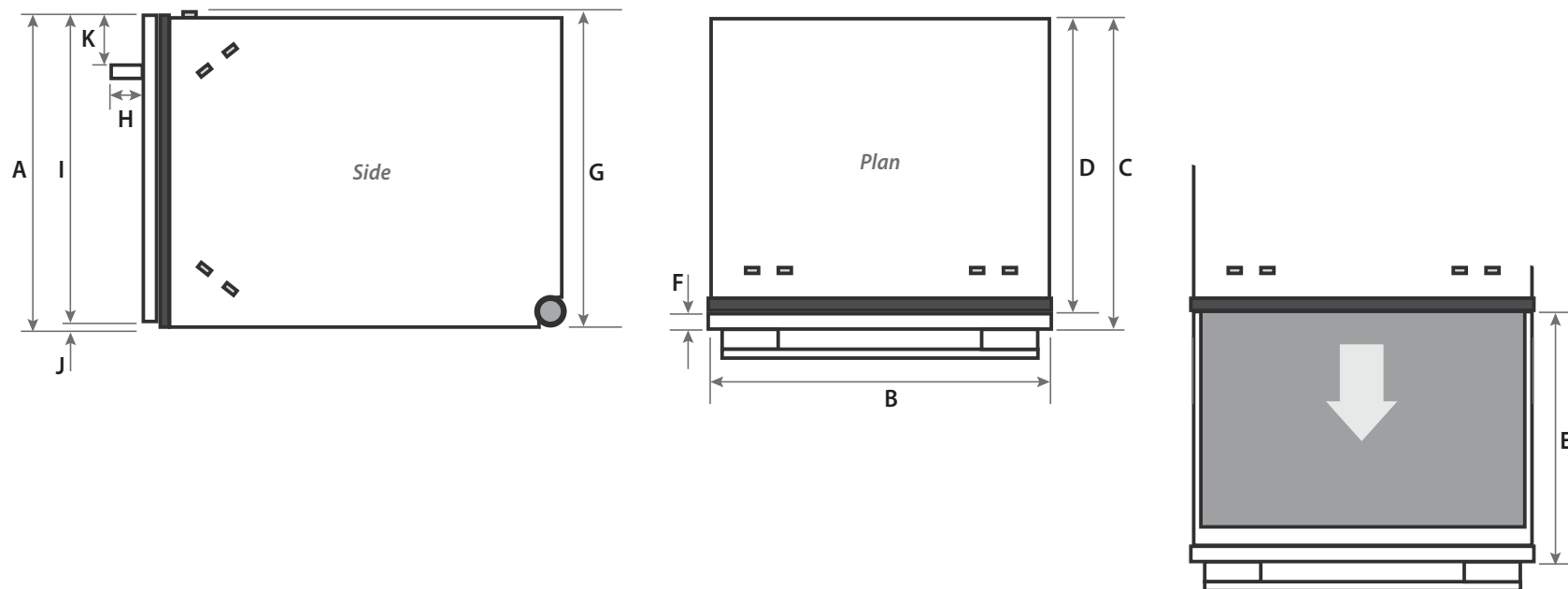
Panel bracket (1)
(attached to product)



Panel mounting
screws (6)

4 PRODUCT DIMENSIONS

6

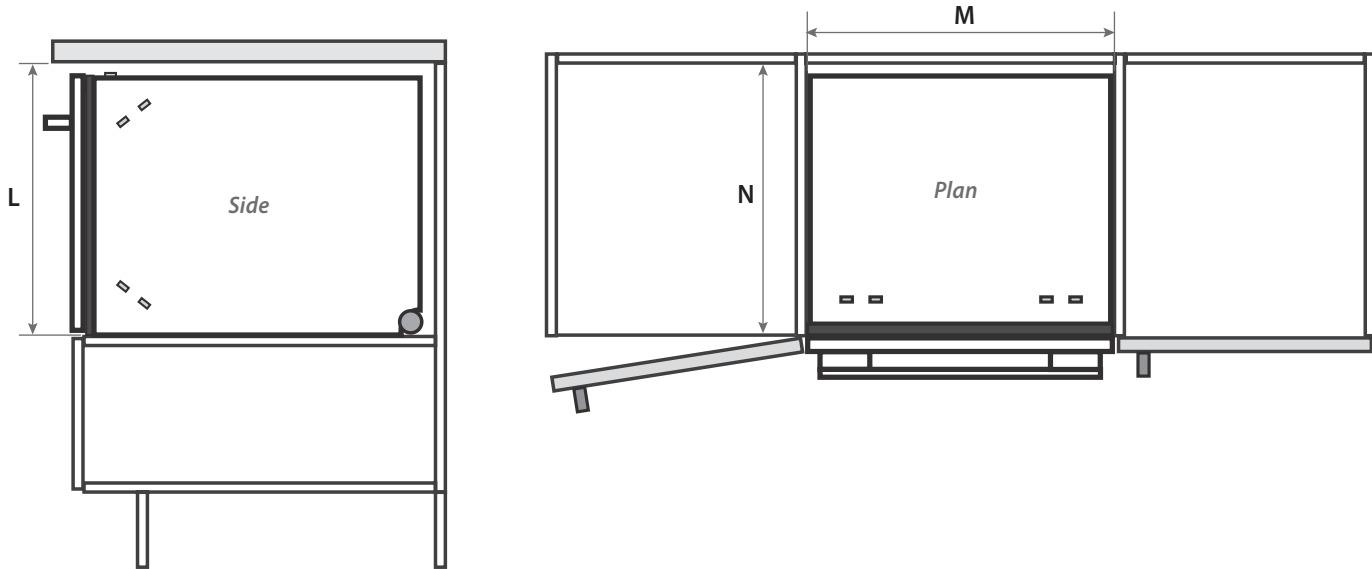


Product dimensions inches (mm)

	STANDARD HEIGHT MODELS			TALL HEIGHT MODELS			
	Classic	Designer	Integrated	Classic	Designer	Integrated (456 mm) 18" cavity	Integrated (480 mm) 18 7/8" cavity
A overall height ¹ of product (incl. front panel height)	16 1/8"(410)	16 1/8"(410)	16 1/8"(410)	17 7/8"(454)	18 13/16"(478) ²	17 7/8"(454)	18 13/16"(478) ²
B overall width of product	23 9/16"(599)	23 9/16"(599)	23 9/16"(599)	23 9/16"(599)	23 9/16"(599)	23 9/16"(599)	23 9/16"(599)
C overall depth of product (excl. handle)	22 15/16"(582)	22 1/2"(571)	22 1/2"(571) ³	22 15/16"(582)	22 1/2"(571)	22 1/2"(571) ³	22 1/2"(571) ³
D depth of chassis (to back of front panel)	21 3/4"(553)	21 3/4"(553)	21 3/4"(553)	21 3/4"(553)	21 3/4"(553)	21 3/4"(553)	21 3/4"(553)
E maximum extension of drawer (excl. handle)	21 7/8"(556)	21 7/16"(545)	21 7/16"(545) ³	21 7/8"(556)	21 7/16"(545)	21 7/16"(545) ³	21 7/16"(545) ³
F depth of front panel (excl. handle)	1 1/8"(29)	1 1/16"(18)	5/8 - 13/16"(16-20)	1 1/8"(29)	1 1/16"(18)	5/8 - 13/16"(16-20)	5/8 - 13/16"(16-20)
G height ¹ of chassis	16 1/8"(410)	16 1/8"(410)	16 1/8"(410)	17 7/8"(454)	17 7/8"(454)	17 7/8"(454)	17 7/8"(454)
H depth of handle	n/a	1 5/8"(41)	n/a	n/a	1 5/8"(41)	n/a	n/a
I height of front panel	15 1/2"(394)	15 11/16"(398)	16 1/16"(408) ⁴	17 1/4"(438)	18 1/2"(470)	17 13/16"(452) ⁵	18 3/4"(476) ⁵
J height of ventilation gap below front panel	1/4"(7)	5/16"(8)	min. 1/16"(2)	1/4"(7)	5/16"(8)	min. 1/16"(2)	min. 1/16"(2)
K height from top of handle to top of front panel	n/a	2 1/2"(64)	n/a	n/a	2 1/2"(64)	n/a	n/a

¹includes 1/16"(2 mm) high bracket slots ²Includes cavity bracket ³Assuming front panel thickness of 11/16"(18 mm)

⁴Recommended for a 1/16"(2 mm) ventilation gap below panel, if cavity height is 16 1/4"(412 mm) ⁵Recommended for a 1/16"(2 mm) ventilation gap below panel



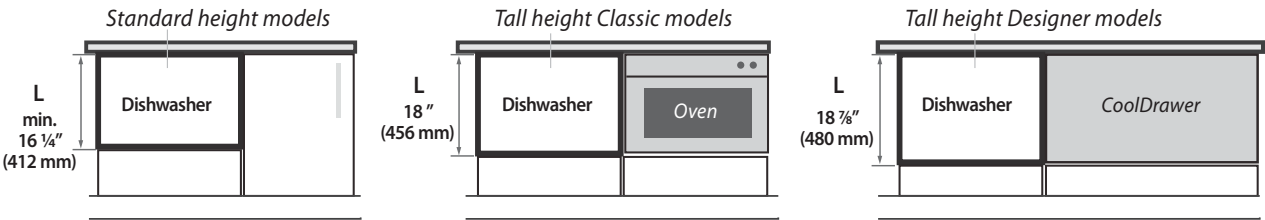
Cabinetry dimensions inches (mm)

STANDARD HEIGHT MODELS

TALL HEIGHT MODELS

		Classic	Designer	Integrated	Classic	Designer	Integrated 18" (456 mm) cavity	Integrated 18 7/8" (480 mm) cavity
L	inside height of cavity	min. 16 1/4"(412)	min. 16 1/4"(412)	min. 16 1/4"(412)	18"(456)	18 7/8"(480)	18"(456)	18 7/8"(480)
M	inside width of cavity	23 5/8"(600)	23 5/8"(600)	23 5/8"(600)	23 5/8"(600)	23 5/8"(600)	23 5/8"(600)	23 5/8"(600)
N	inside depth of cavity	min. 22 1/16"(560)	min. 22 1/16"(560)	min. 22 1/16"(560)	min. 22 1/16"(560)	min. 22 1/16"(560)	min. 22 1/16"(560)	min. 22 1/16"(560)

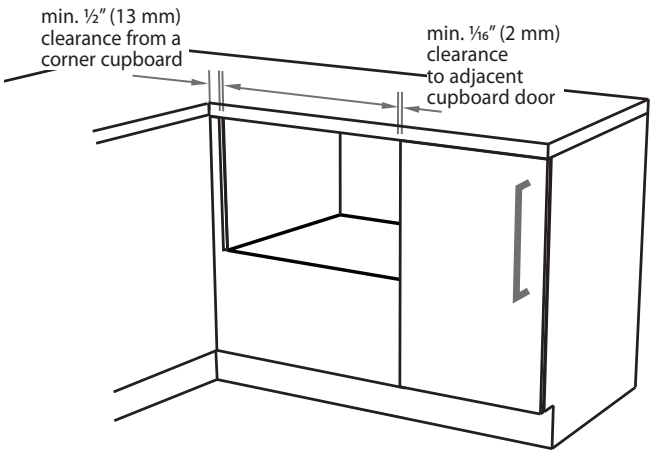
Cavity height options allow you to match dishwasher with your cabinetry or companion products



Tall height Integrated models

You may choose to install Tall height Integrated models into either a 18" (456 mm) or a 18 7/8" (480 mm) high cavity.
Note: the minimum height of the custom drawer front panel will also be different for these two options.

Minimum clearances from adjacent cabinetry



6 INTEGRATED MODELS ONLY - CUSTOM FRONT PANEL CALCULATIONS

8

FRONT PANEL SPECIFICATIONS

- $\frac{5}{8}$ - $1\frac{3}{16}$ " (16-20 mm) panel thickness
- Maximum weight of panel: 20 lb (9 kg)
- Adequately sealed to withstand moisture (122°F/ 50°C @ 80% RH). Because of it being a hot and wet environment generally, the back and sides of the panel should be completely sealed with a waterproof vapour barrier (ie polyurethane) to prevent damage to the panel.
- The back of the panel (including any integrated handle) should be completely flush so that the seal between the panel and the rubber trim is maintained.

The following calculations assume the top of the panel is aligned with the top of the adjacent cabinetry:

WIDTH OF THE PANEL

Measure **A** (the width between adjacent door/drawer fronts) and write it in the first box below, then complete the equation.

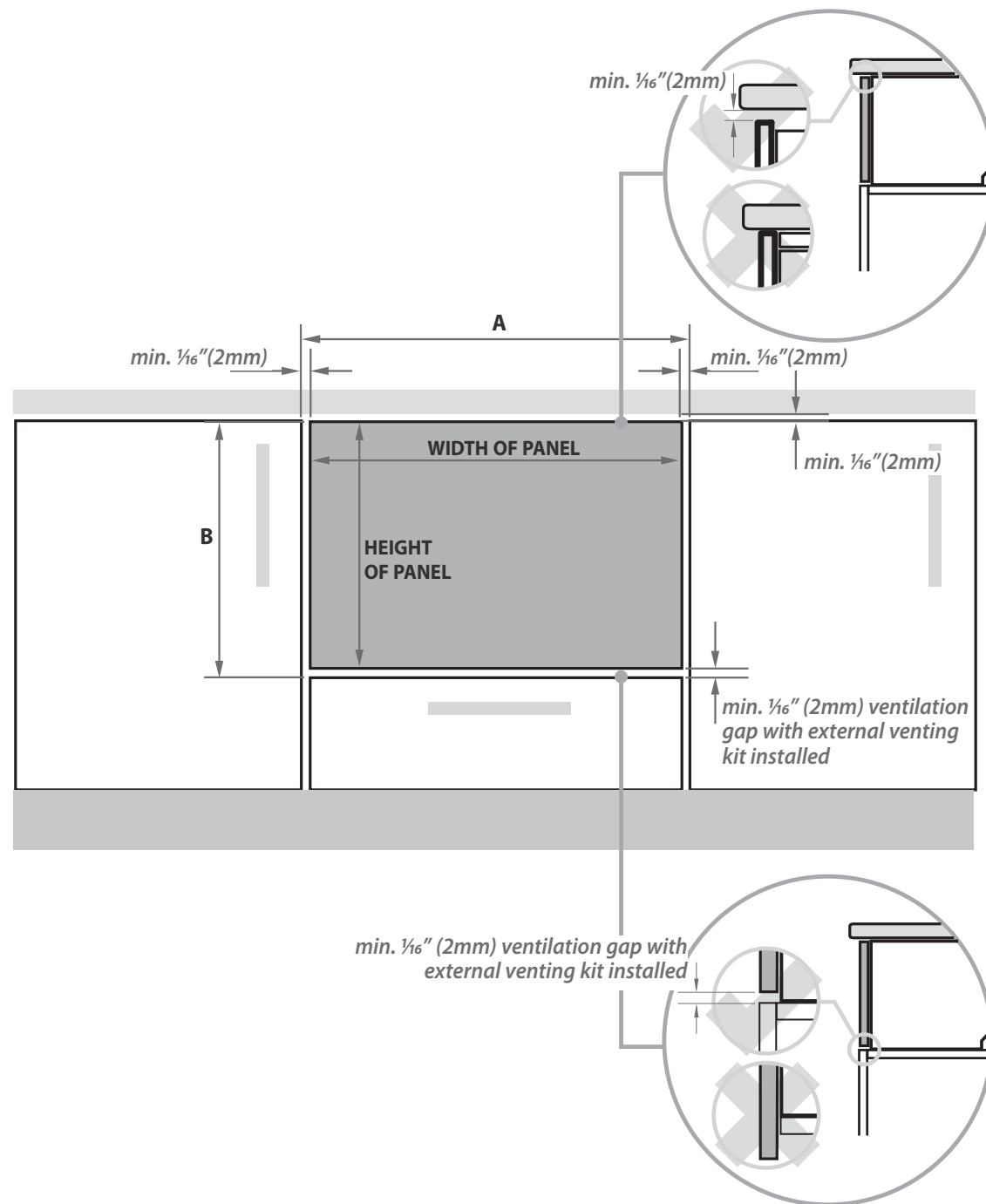
$$\begin{array}{c} \text{A} \\ \boxed{} \end{array} - 2 \times \begin{array}{c} \text{clearance to} \\ \text{adjacent cabinet} \\ \text{front} \\ (\text{min. } \frac{1}{16}" (2 \text{ mm})) \end{array} = \begin{array}{c} \text{WIDTH OF PANEL} \\ (\text{min. } 23 \frac{3}{16}" (596 \text{ mm})) \\ \boxed{} \end{array}$$

HEIGHT OF THE PANEL

Measure **B** and write it in the first box below, then complete the equation.

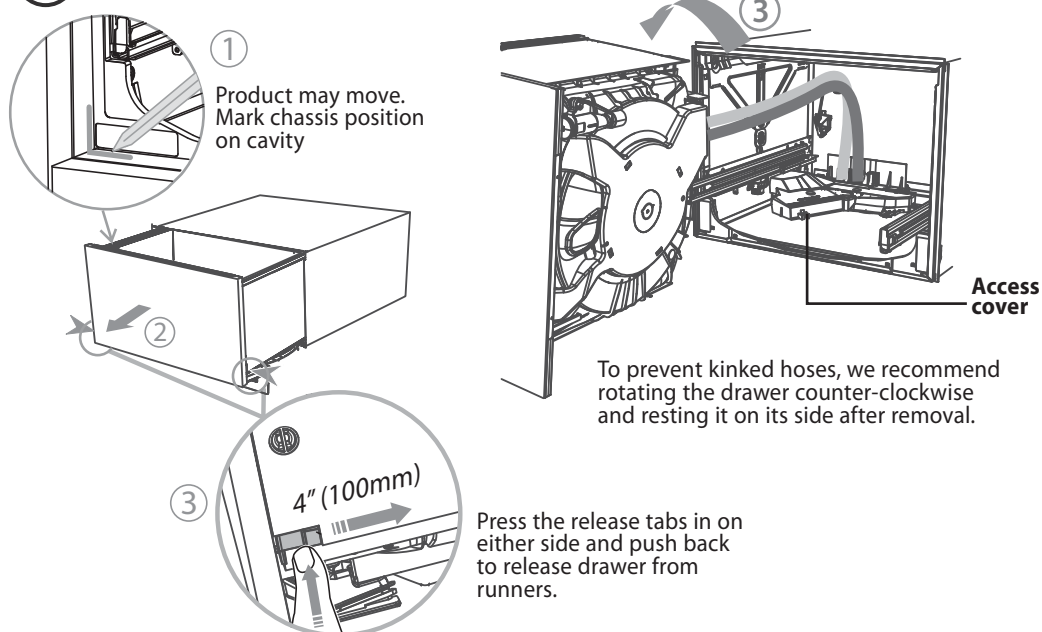
$$\begin{array}{c} \text{B} \\ \boxed{} \end{array} - \begin{array}{c} \text{ventilation gap} \\ (\text{min. } \frac{1}{16}" (2 \text{ mm})) \end{array} = \begin{array}{c} \text{HEIGHT OF PANEL} \\ \boxed{} \end{array}$$

Note: when the top of the dishwasher has to be lower than the adjacent cabinetry, the panel can be increased in height.

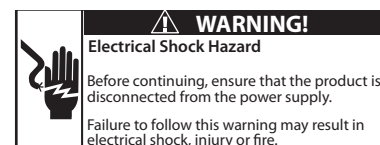
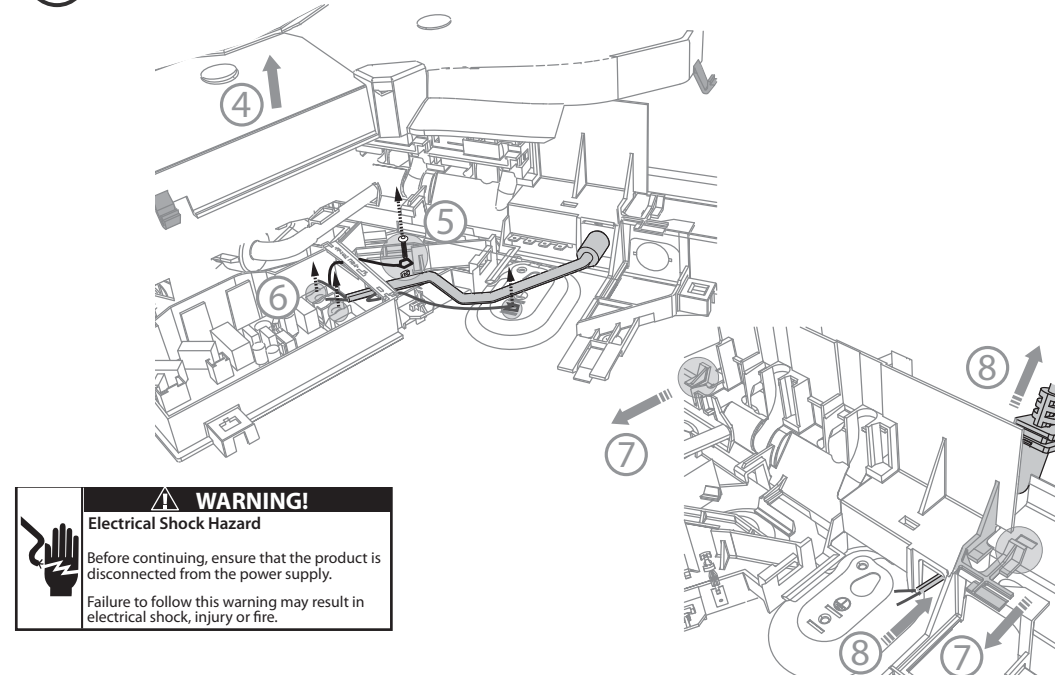


7 OPTIONAL HARD WIRING PRIOR TO INSTALLATION

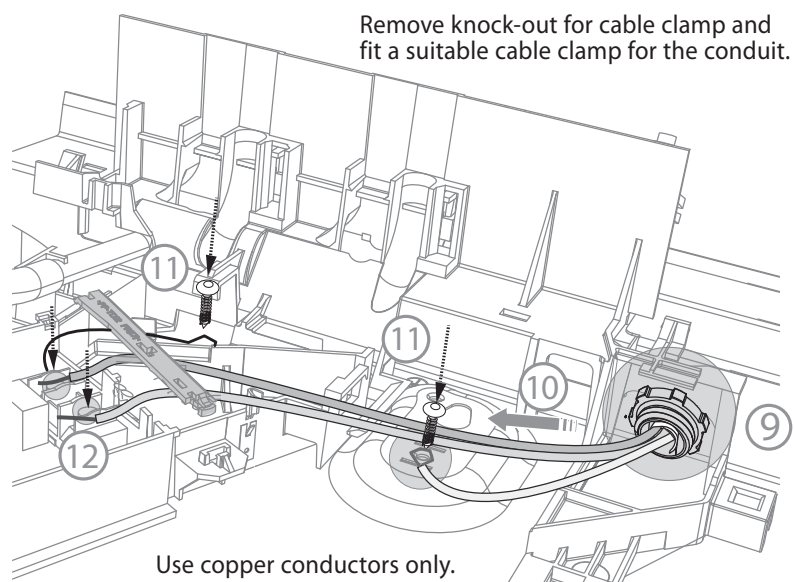
7a REMOVE THE DRAWER



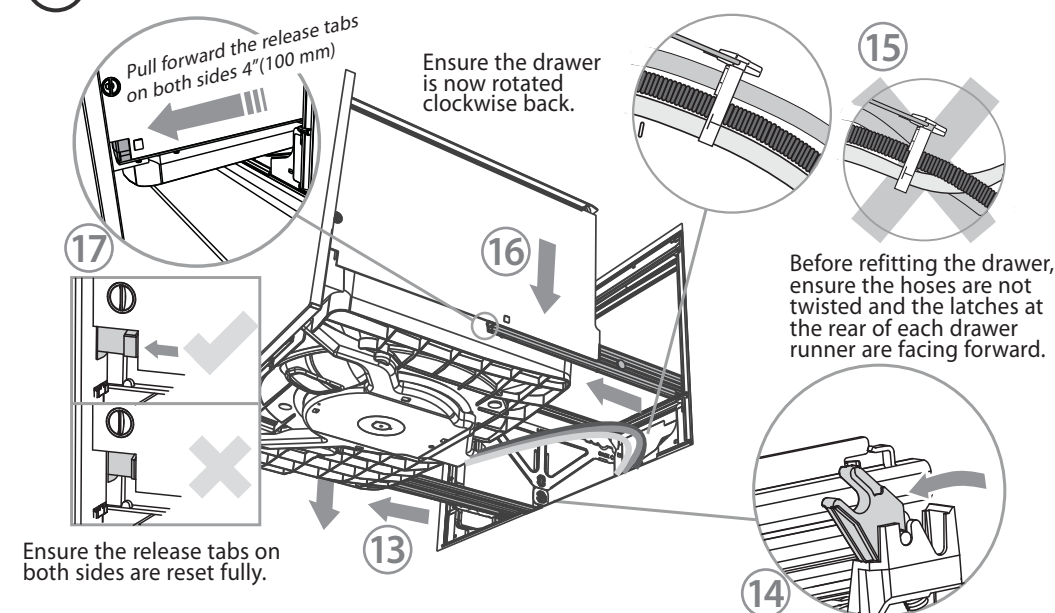
7b REMOVE THE ACCESS COVER & POWER CORD



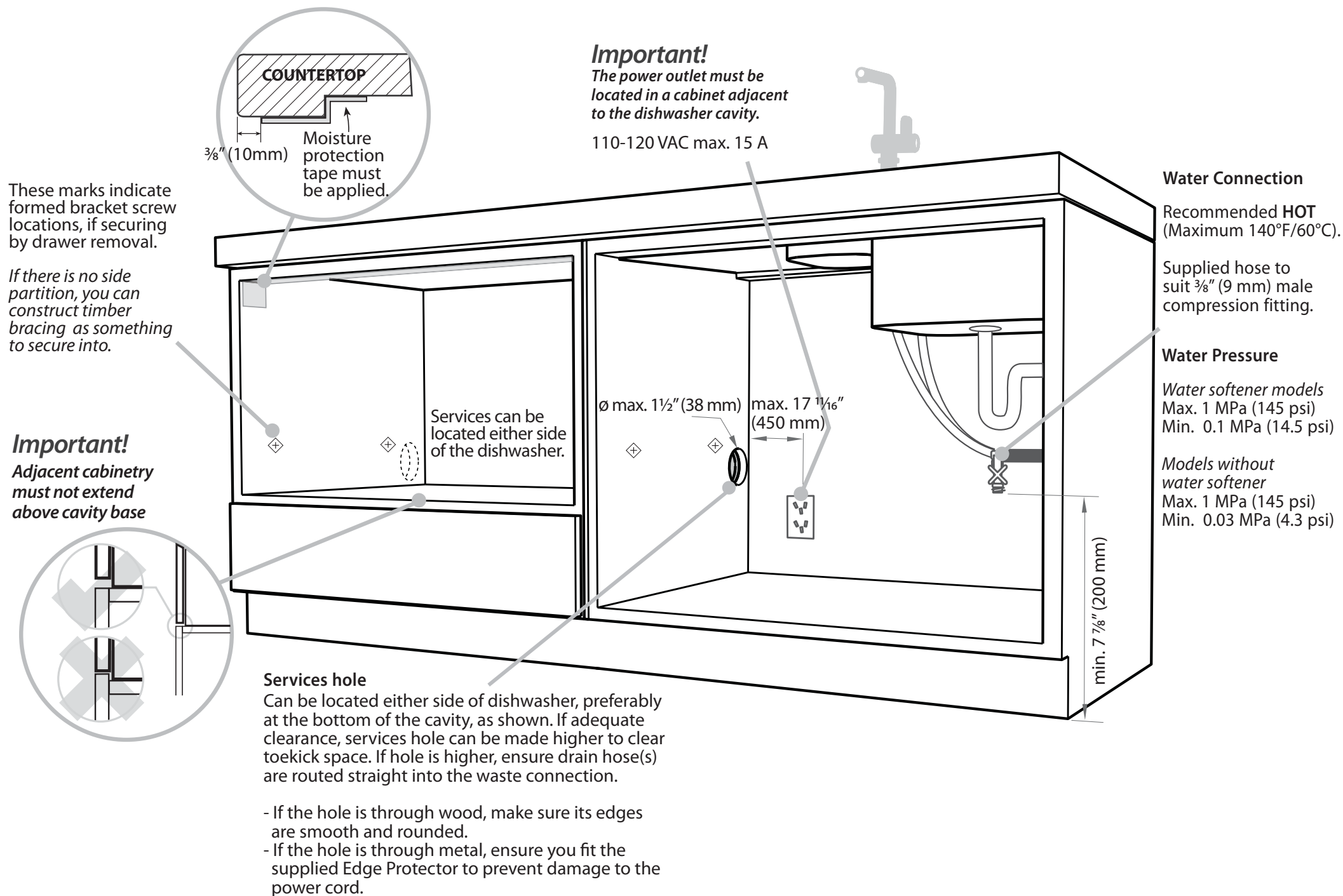
7c TERMINATE THE WIRING AS SHOWN



7d REFIT THE DRAWER ONTO THE RUNNERS & CLOSE

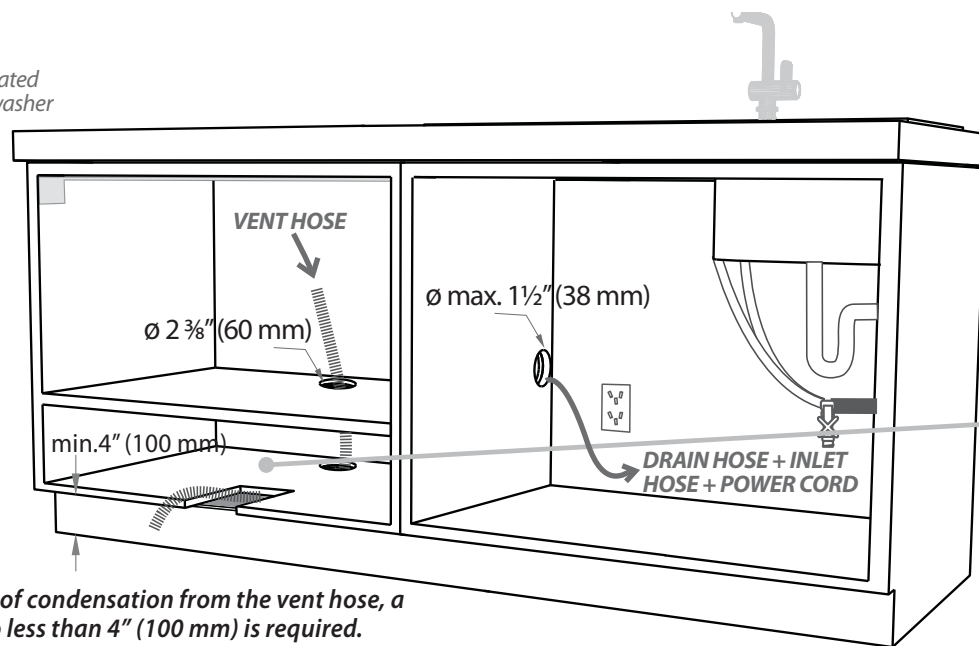


8 CAVITY PREPARATION



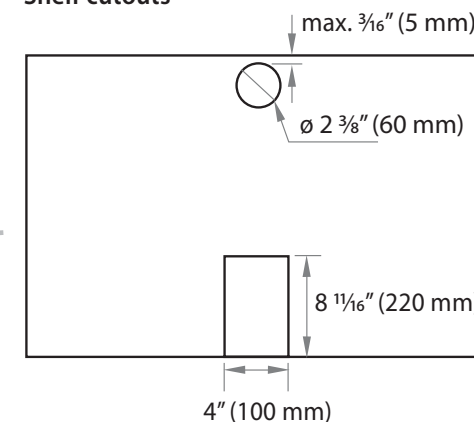
9a) INTEGRATED MODELS ONLY - PREPARATION FOR EXTERNAL VENTING THROUGH SAME CABINET

Services can be located
either side of dishwasher



External Venting kit (1)

Shelf cutouts

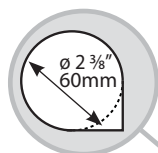


Important!

To prevent pooling of condensation from the vent hose, a toe kick height of no less than 4\" (100 mm) is required.

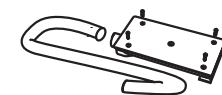
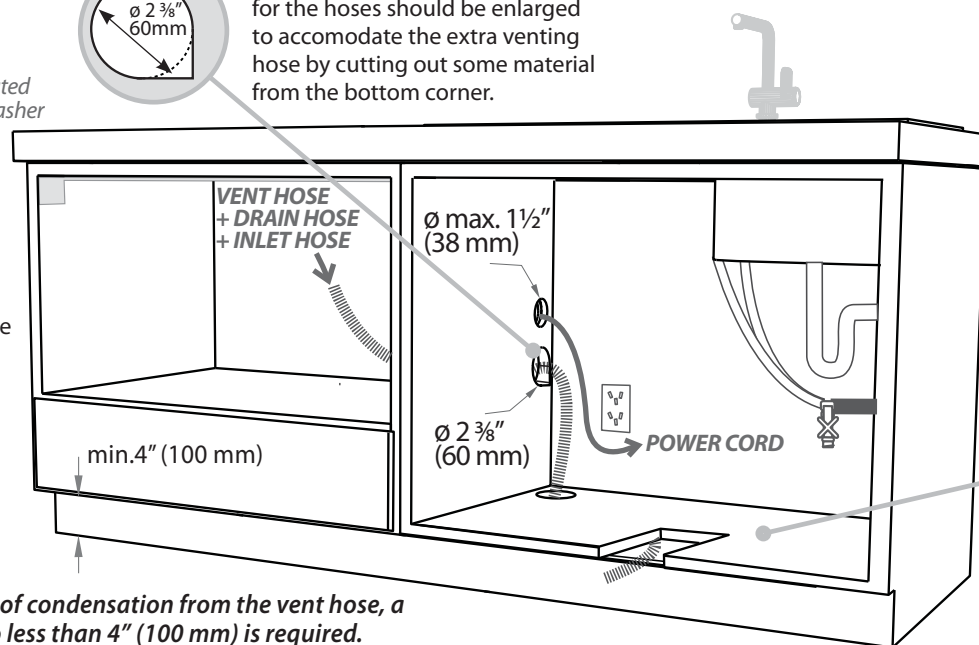
9b) INTEGRATED MODELS ONLY - PREPARATION FOR EXTERNAL VENTING THROUGH ADJACENT CABINET

Services can be located
either side of dishwasher



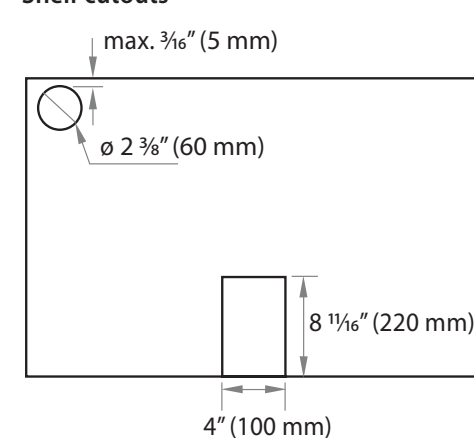
The ø 2 3/8\" (60 mm) services hole for the hoses should be enlarged to accommodate the extra venting hose by cutting out some material from the bottom corner.

If the services holes are through metal, ensure you fit the supplied Edge Protector around the hole for the power cord.



External Venting kit (1)

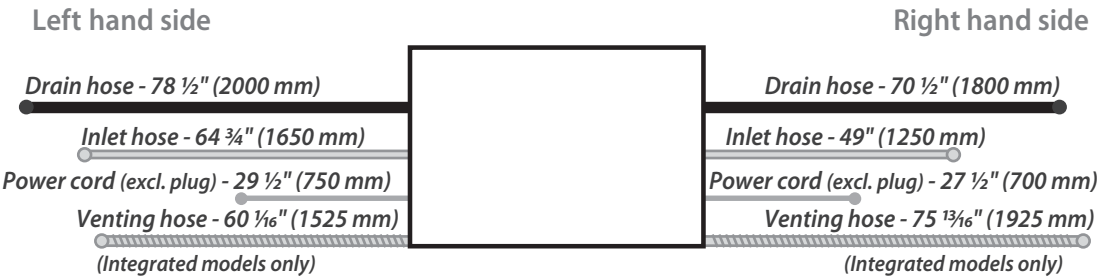
Shelf cutouts



Important!

To prevent pooling of condensation from the vent hose, a toe kick height of no less than 4\" (100 mm) is required.

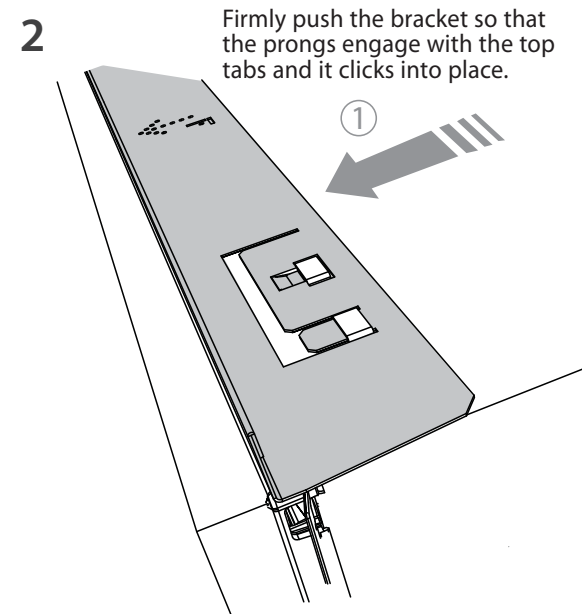
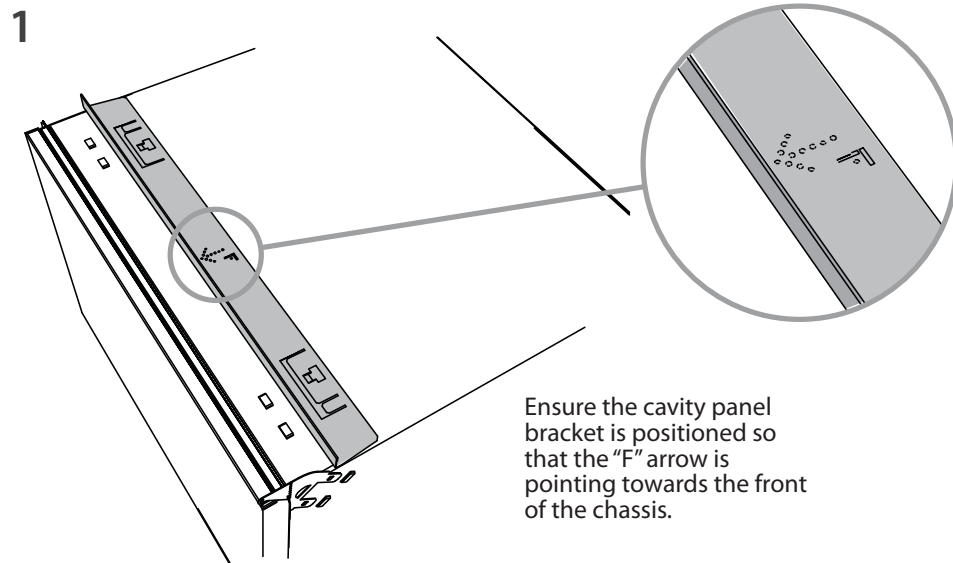
10 MAXIMUM DISTANCE OF HOSES & CORD FROM CHASSIS EDGE



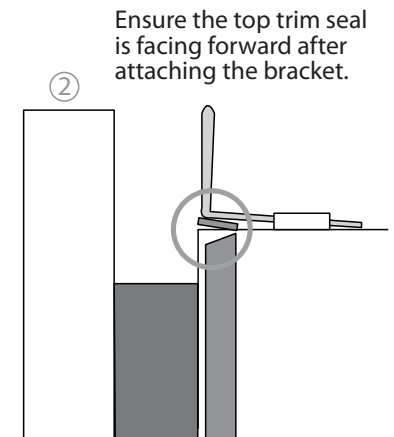
⑪ DESIGNER & INTEGRATED TALL MODELS FOR 18 7/8" (480 mm) CAVITY ONLY - ATTACH CAVITY BRACKET

13

The enclosed cavity bracket is fitted before installation in order to conceal the gap at the top of the cavity left after installation.

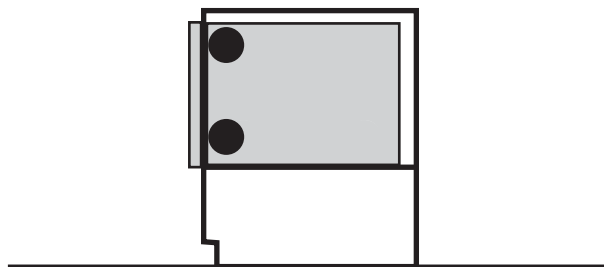


Important!
Ensure the prongs have not been driven down into the chassis as this will damage the lid below.

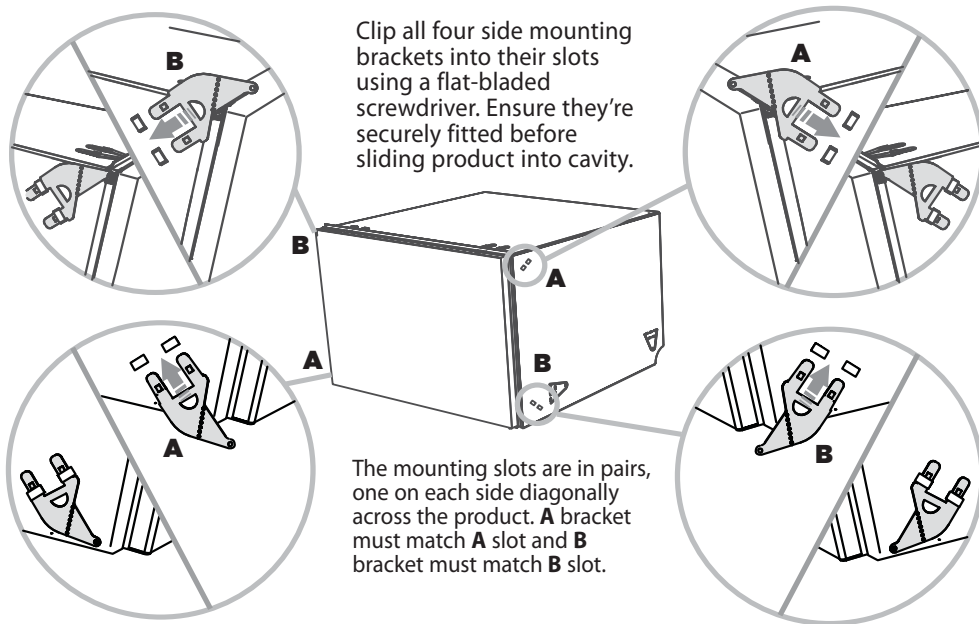


NOW CHOOSE WHICH INSTALLATION METHOD (a) or (b) IS MORE SUITABLE FOR YOUR CABINETRY...

RECOMMENDED METHOD (a) - SECURE WITHOUT DRAWER REMOVAL (FRAMELESS CABINETRY ONLY)

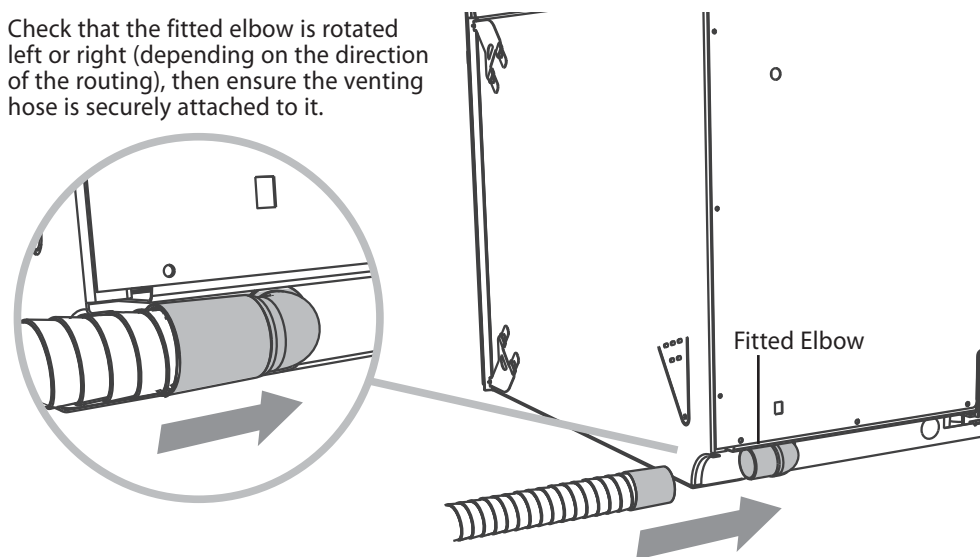


12a ATTACH SIDE MOUNTING BRACKETS

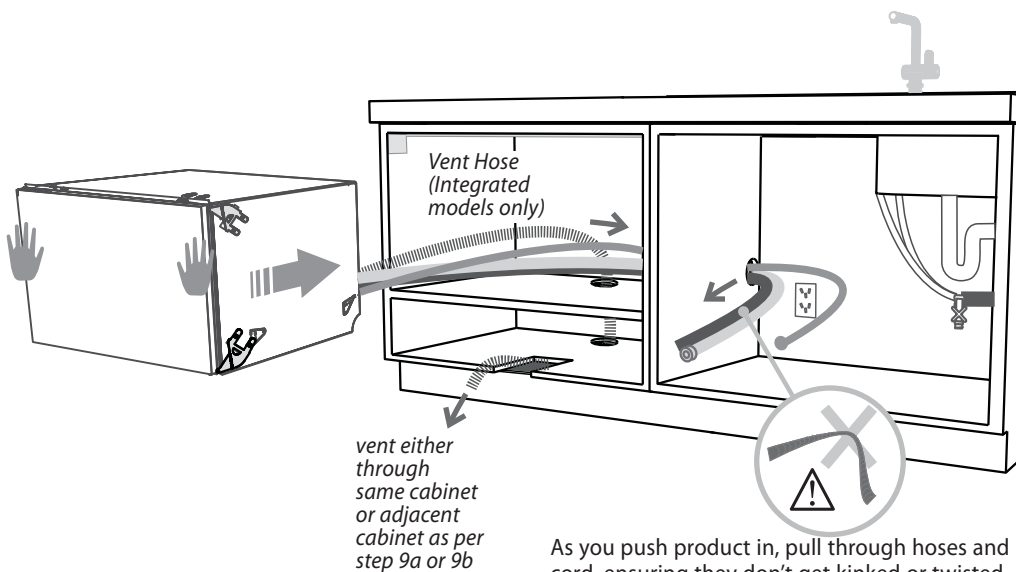


13a INTEGRATED ONLY - ATTACH VENTING HOSE

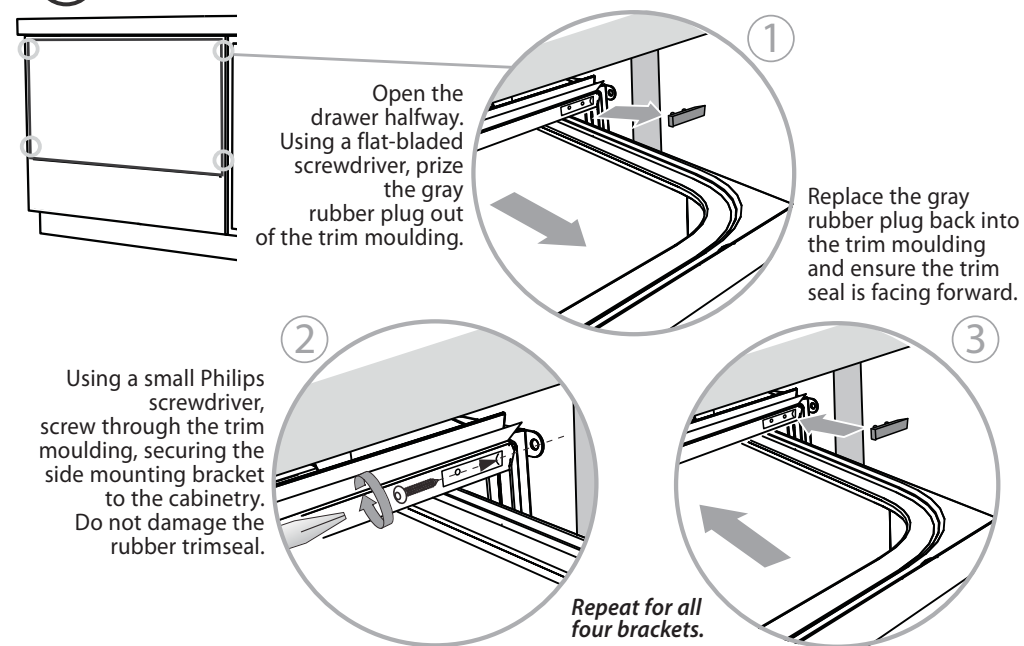
Check that the fitted elbow is rotated left or right (depending on the direction of the routing), then ensure the venting hose is securely attached to it.



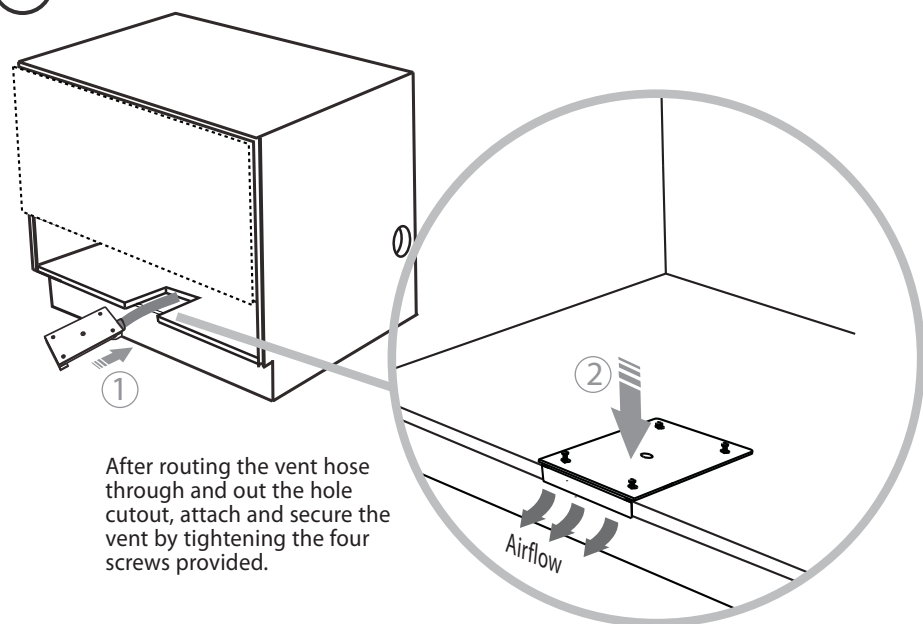
14a PULL THROUGH HOSES & MOVE INTO THE CAVITY



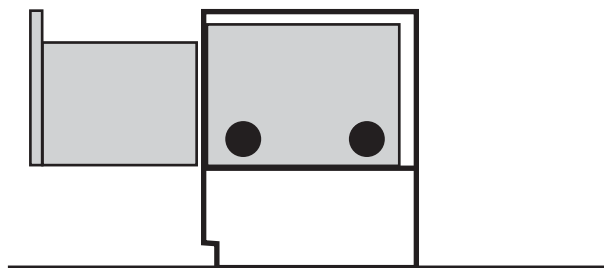
15a SECURE THE DRAWER



16a INTEGRATED ONLY - SECURE THE EXTERNAL VENT

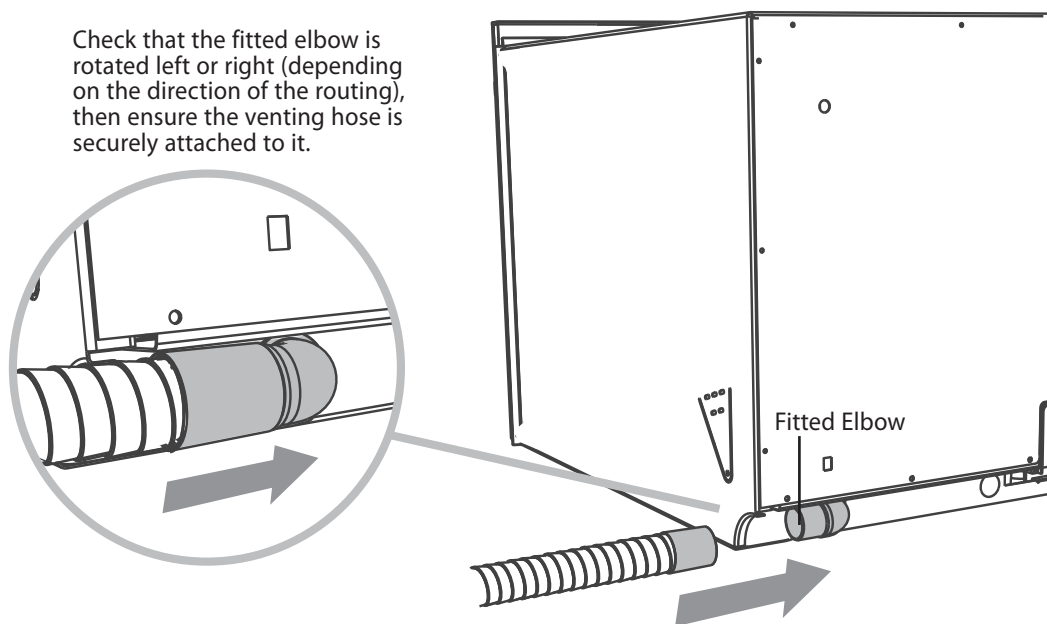


ALTERNATIVE METHOD (b) - SECURE BY DRAWER REMOVAL

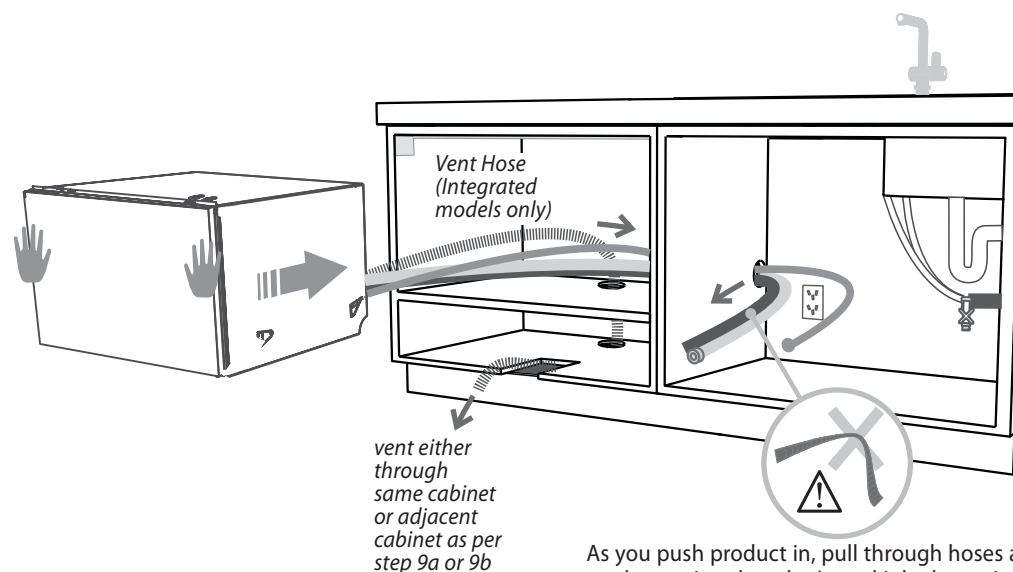


12b INTEGRATED ONLY - ATTACH VENTING HOSE

Check that the fitted elbow is rotated left or right (depending on the direction of the routing), then ensure the venting hose is securely attached to it.



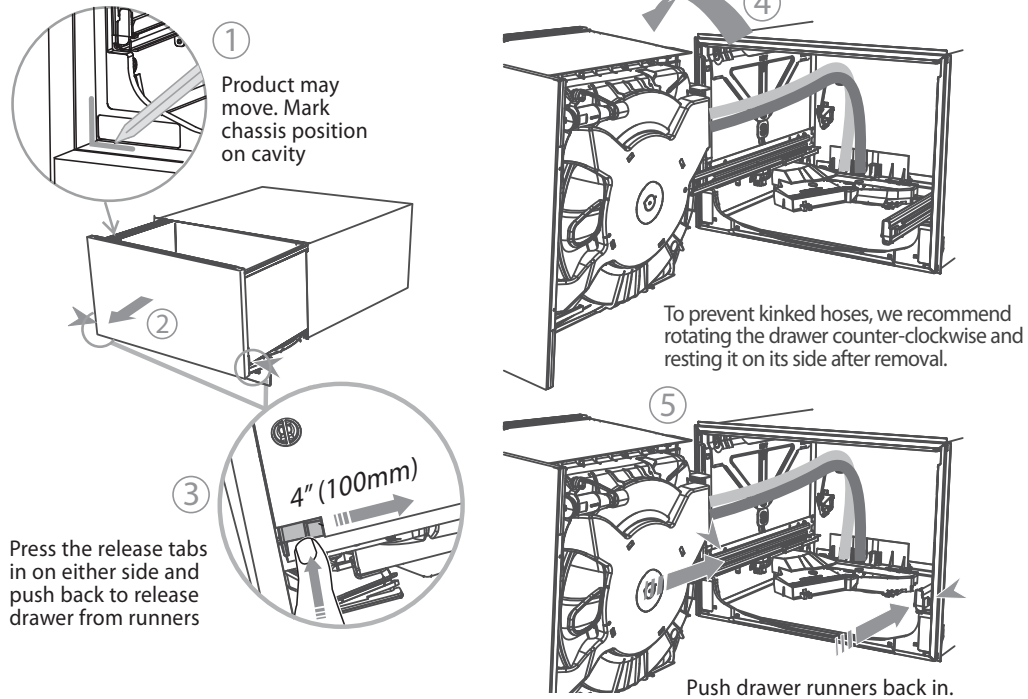
13b PULL THROUGH HOSES & MOVE INTO THE CAVITY



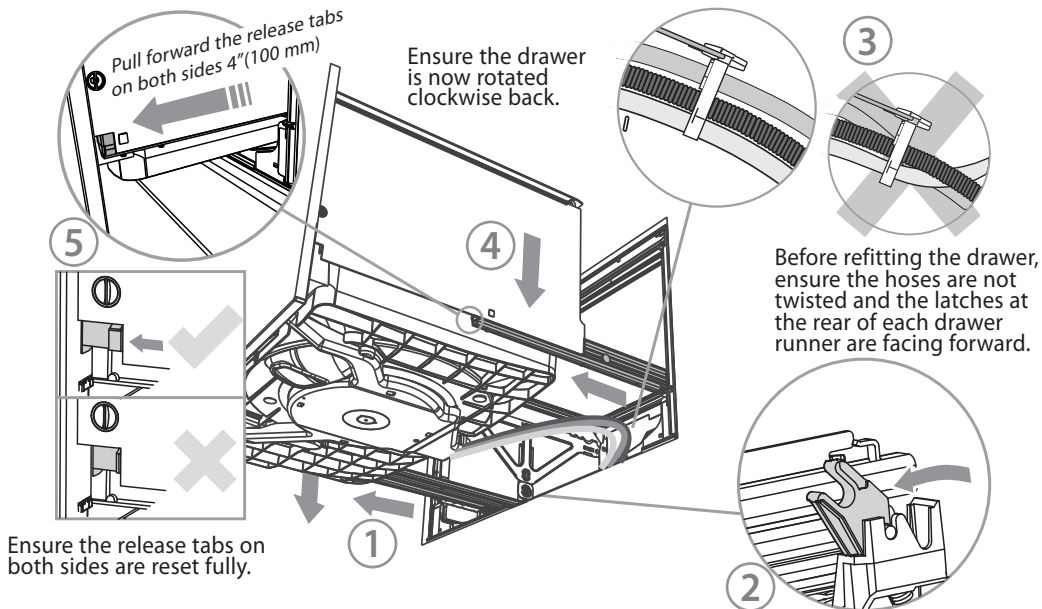
As you push product in, pull through hoses and cord, ensuring they don't get kinked or twisted.

Important!
If product cannot be pushed in far enough, pull out again and rearrange hoses and cord. Do not use excessive force, as doing so may squash the hoses and lead to incorrect operation.

14b REMOVE THE DRAWER

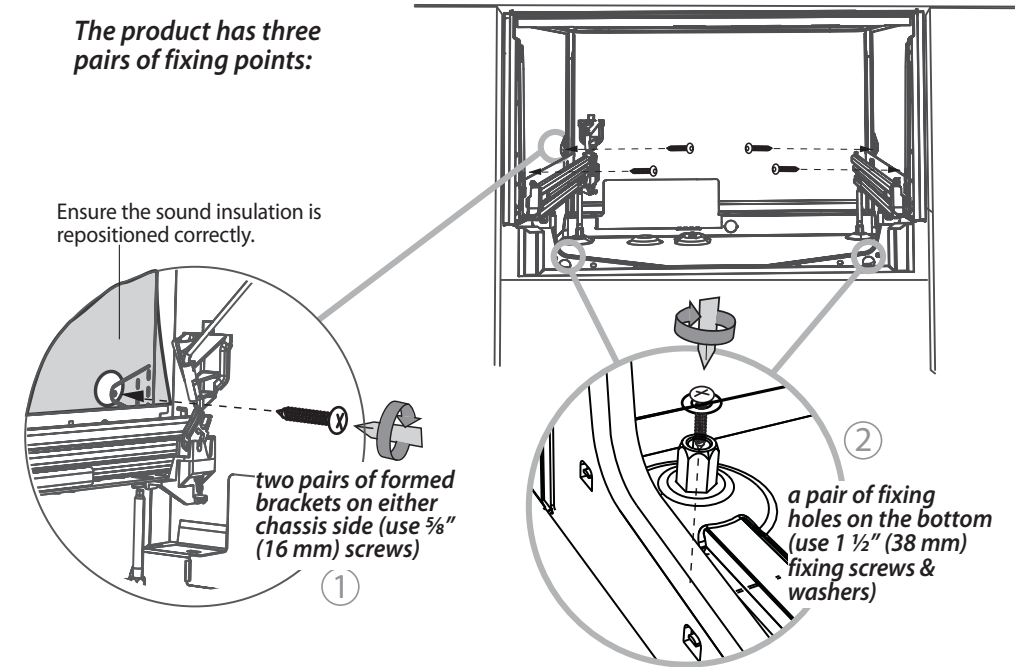


16b REFIT THE DRAWER ONTO THE RUNNERS

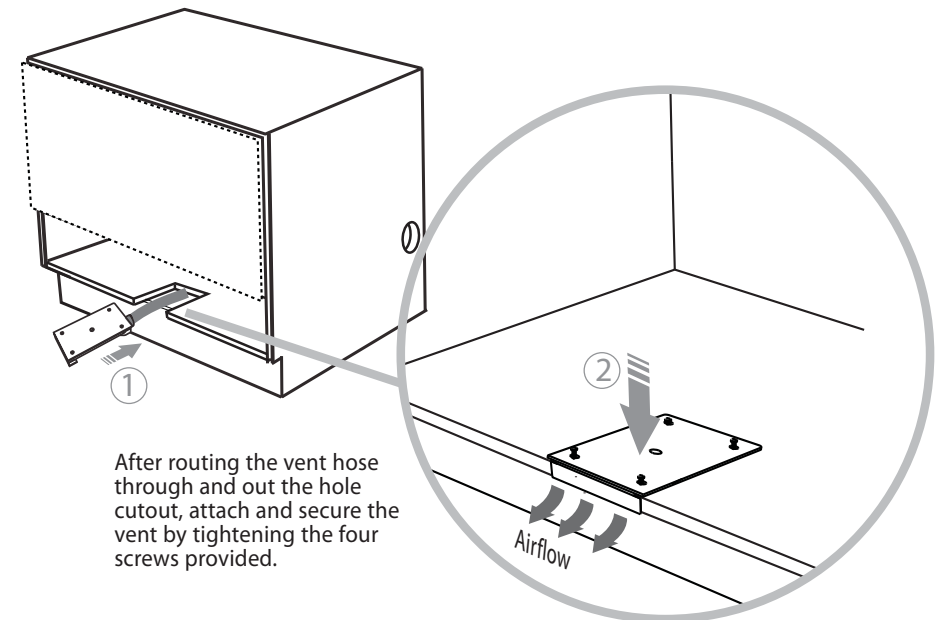


15b SECURE THE DRAWER TO THE CABINETRY

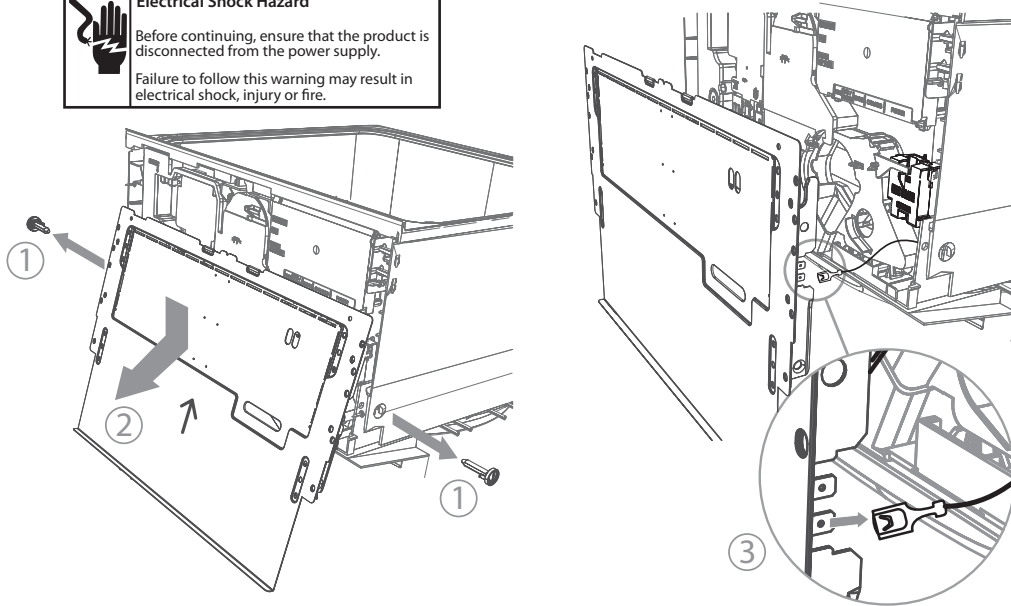
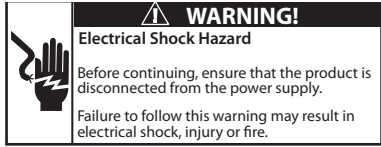
The product has three pairs of fixing points:



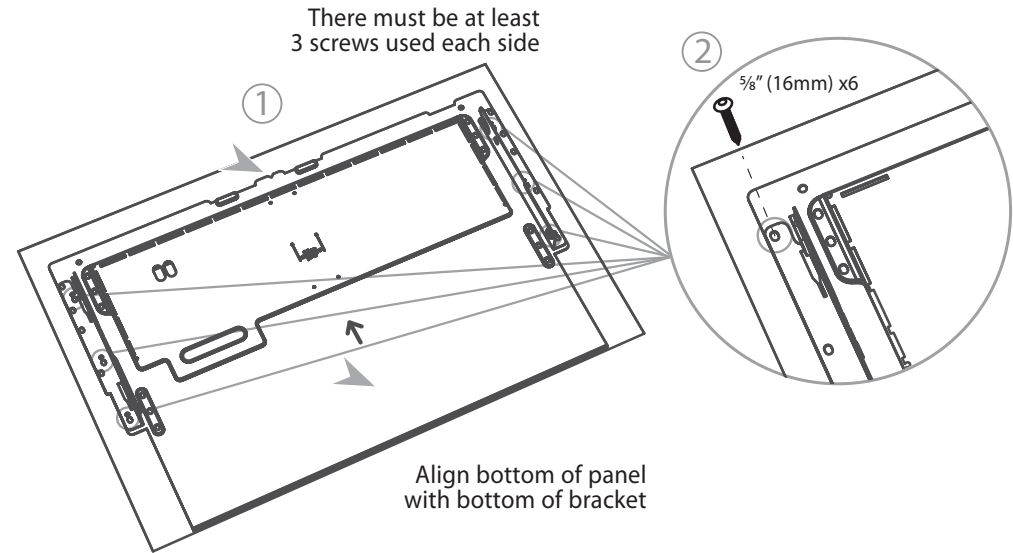
17b INTEGRATED ONLY - SECURE THE EXTERNAL VENT



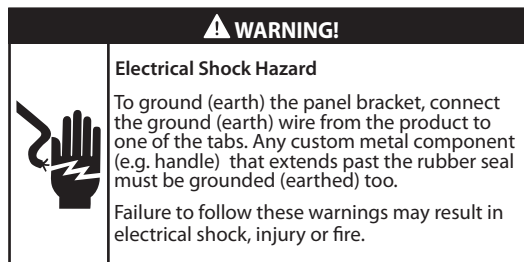
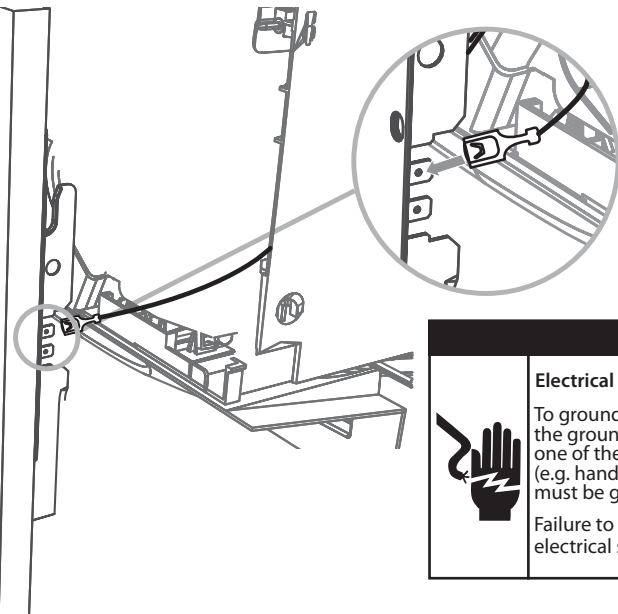
18 REMOVE BRACKET FROM PRODUCT



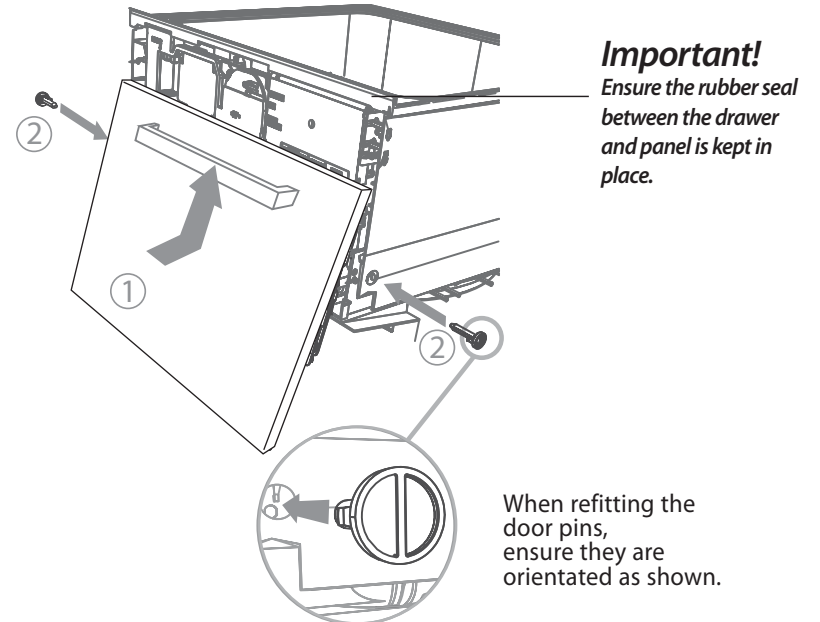
19 ATTACH PANEL TO PANEL BRACKET



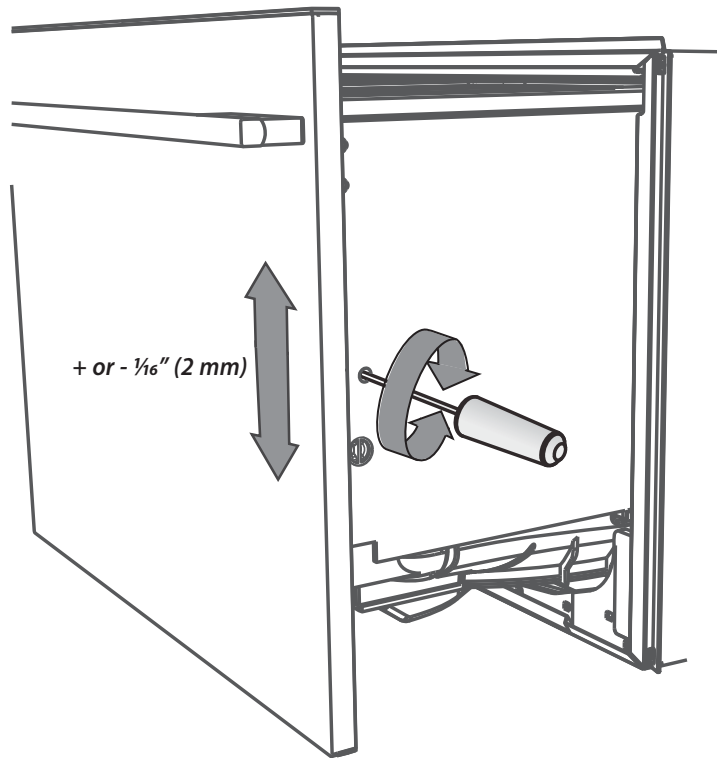
20 GROUND THE PANEL



21 ATTACH PANEL TO PRODUCT



22 ADJUST PANEL HEIGHT TO ALIGN THE CABINETRY GAPS



With the front panels fitted, insert an appropriately sized Philips screwdriver into the hole above the door pin and rotate the panels up or down to align the gaps in your cabinetry.

Repeat on the other side if necessary.

The panel has a maximum travel of $1/16"$ (2 mm) up or down.

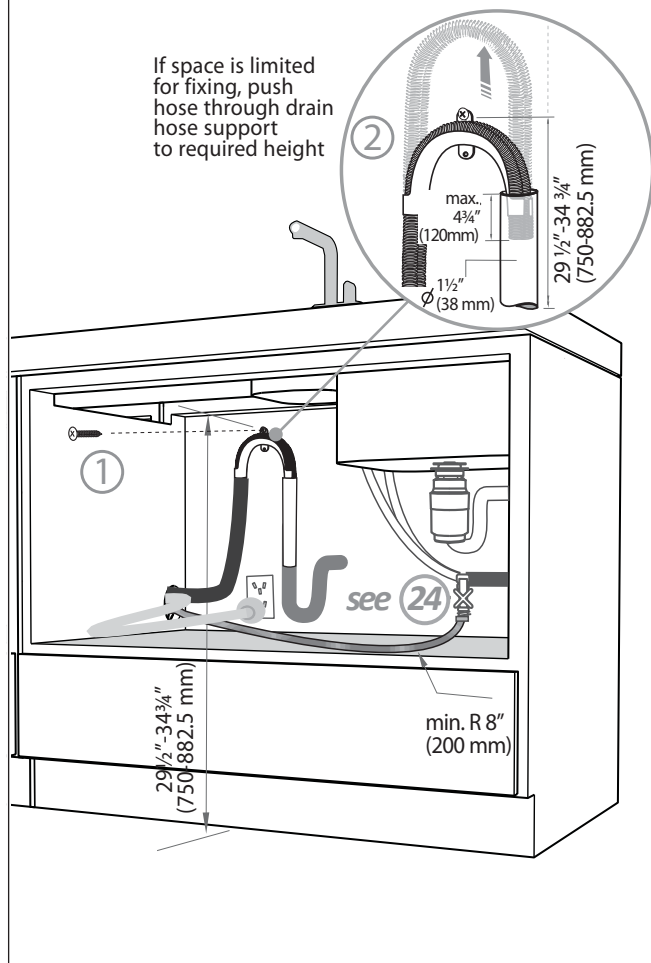
Important!

Ensure that you maintain a minimum of $1/16"$ (2 mm) ventilation gap below the panel.

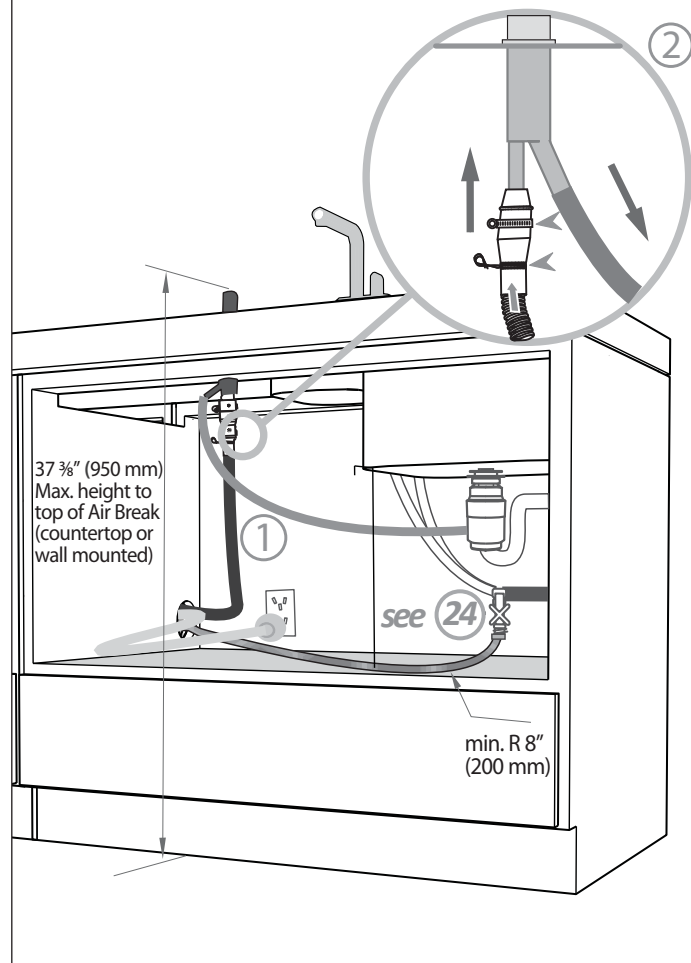
23 THERE ARE THREE DIFFERENT PLUMBING AND DRAINAGE OPTIONS. CHOOSE WHICH IS MORE SUITABLE.

20

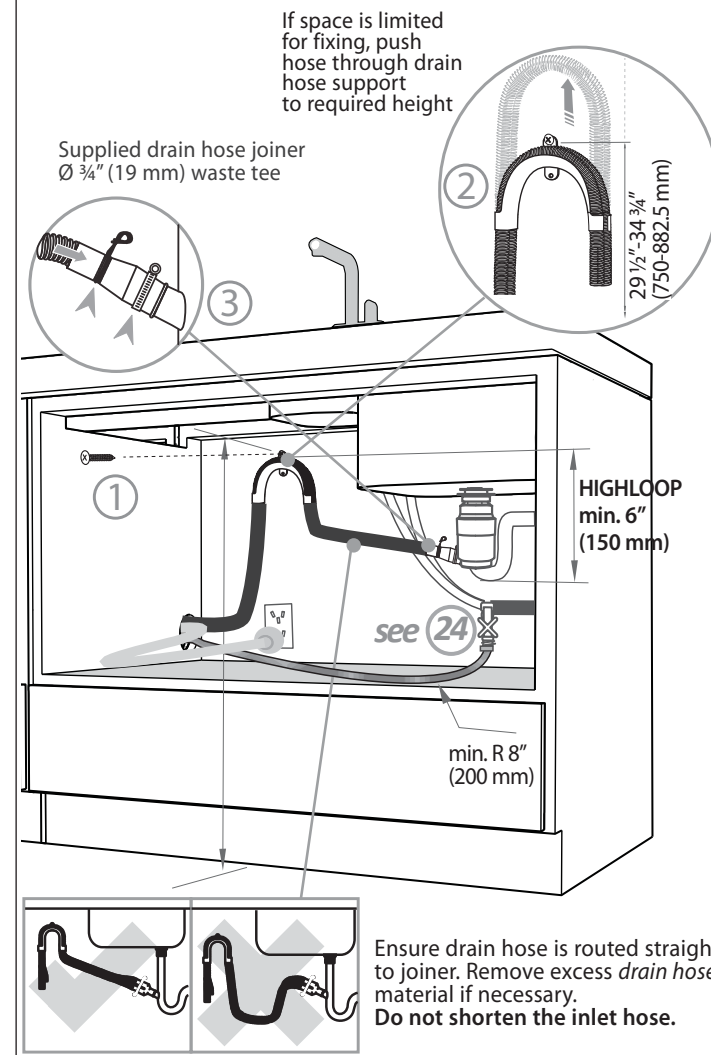
Dishwasher and Standpipe Ø 1½" (38 mm)



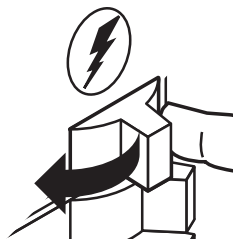
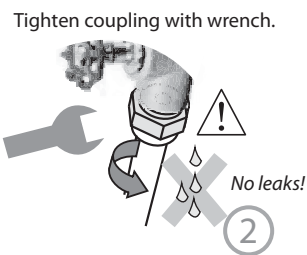
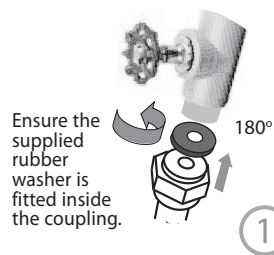
Dishwasher using Air Break with Drain Hose Joiner



Dishwasher using sink trap with drain hose joiner



24 CONNECT INLET HOSE TO HOT WATER 25 SWITCH PRODUCT ON

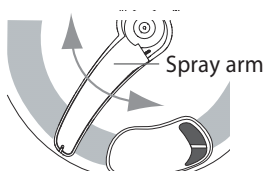


Important!
Ensure that drain connection will comply with local plumbing regulations.

26 FINAL CHECKLIST



- ☐ Check all parts are installed.
- ☐ Ensure product is level, securely fastened to the cabinetry and opens and closes freely. The drawer must be free to fully close with no resistance from the cabinetry.
- ☐ Ensure inlet hose to water supply has supplied rubber washer fitted, and that it's tightened a further half turn after seal contact.
- ☐ Ensure any knockouts or plugs in drain connection have been drilled out and drain connection has been made.
- ☐ The drain hose joiner must not support the weight of excess hose material. Keep drain hose as fully extended as possible to prevent sagging. Any excess length of drain hose should be kept on the dishwasher side of the highloop.
- ☐ If connecting the drain hose to the sink trap, ensure the Highloop is a minimum 6" (150 mm) higher than the drain hose joiner.
- ☐ Ensure any packaging or tape securing the racks is removed from the drawer.
- ☐ Turn on the power and water supplies, then open the drawer. You should hear a beep and see a program indicator light up on the internal control panel.
- ☐ Check the spray arm is in place and free to rotate.



- ☐ Add three cups of water into the drawer. Press ► on the internal control panel until the indicator of the 'Rinse' program lights up. Close the drawer and press ► to start the program.
- ☐ After the Rinse program has finished, ensure the dishwasher has run and drained correctly.
- ☐ Check water supply and drainage connection for leakage.

27 TROUBLESHOOTING

- **Excessive water remaining above the filter plate, after the rinse cycle**
Check for a kinked drain hose or blocked waste connection, highloop not properly installed or drain hose not routed correctly.
- **No water supply (This is displayed as a 'U1' fault -- see section 'If there is a fault' in the User guide for how to recognise this fault on models without a display.)**
Check water is connected and turned on.
- **The dishwasher is beeping continuously**
There is a fault. See section 'If there is a fault' in the User guide for further information and instructions.
- **No program indicator lights up when the drawer is opened**
Ensure power is connected and is switched on. If it is and still no indicator lights up, see the 'Preference options' section of the 'Quick start guide'. An option called 'Open drawer auto power-on' may need to be turned on.
- **Water around water supply and drainage connections**
Check connections, existing plumbing and hoses for leaks. Check rubber washer and hose clamp are correctly fitted.
- **If product is tipping**
Ensure the product is secured to the cabinetry.
- **If front panels are misaligned**
Check and relevel product. Check the cabinetry is square. For Integrated models, check and adjust front panel alignment if necessary.
- **Drawer doesn't close properly**
Ensure nothing is obstructing the drawer from closing properly eg sound insulation, hoses or drawer latches.
- If a problem occurs, consult the 'Troubleshooting' section of the User guide.
- If after checking these points you still need assistance, please refer to the Service & Warranty book for warranty details and your nearest Authorized Service Center, or contact us through our website, listed below.

Important! **SAVE THESE INSTRUCTIONS**

The models shown in this document may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please visit our website listed at the end of this document or contact your local Fisher & Paykel dealer.

Installation instruction

DishDrawer™ dishwasher
DD24S 7, DD24ST 7, DD36ST 7 Integrated models

US CA

Fisher & Paykel

Installing external venting kit into framed cabinetry only

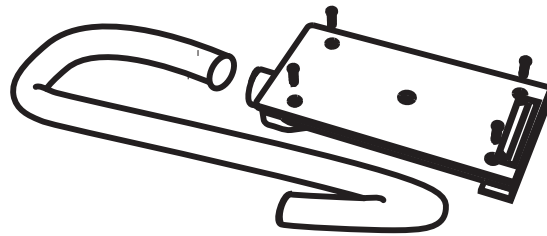
For customers with framed cabinetry only

*The supplied Installation Instructions booklet provided with your product explains how to install the supplied external venting kit in **frameless cabinetry** only.*

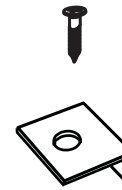
If you are installing the external venting kit into **framed cabinetry**, then please refer to **this booklet** for instructions instead.

The instructions in this booklet are a replacement for the securing the vent instructions in the main booklet.

After you have fitted the external venting kit using this booklet, please then refer back to your main Installation instructions to complete the installation of your dishwasher.



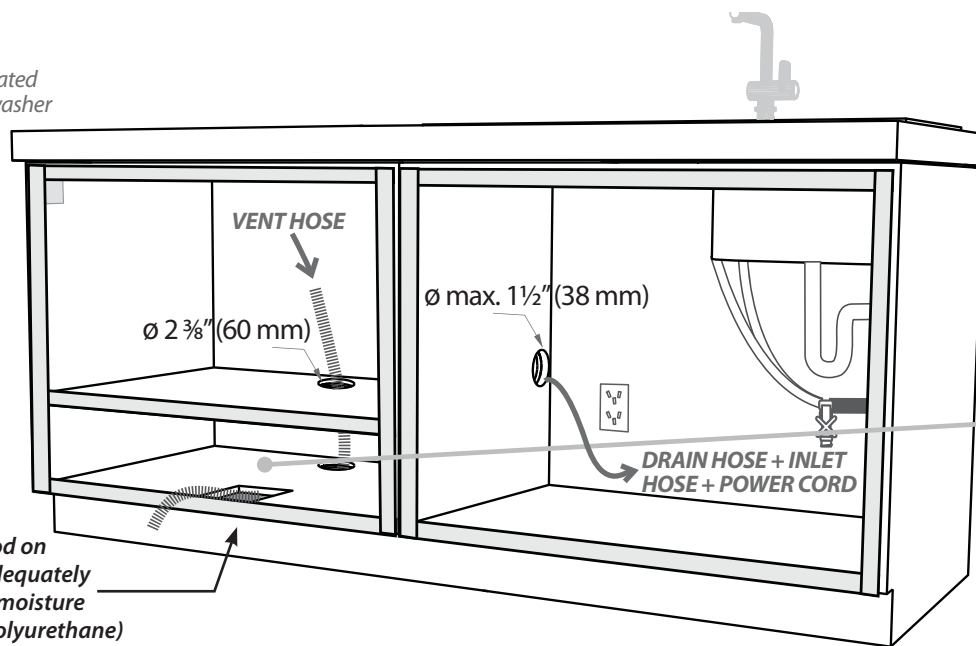
External Venting kit (1)



Securing Bracket & Screw (1)

1a) INTEGRATED MODELS ONLY - PREPARATION FOR EXTERNAL VENTING THROUGH SAME CABINET

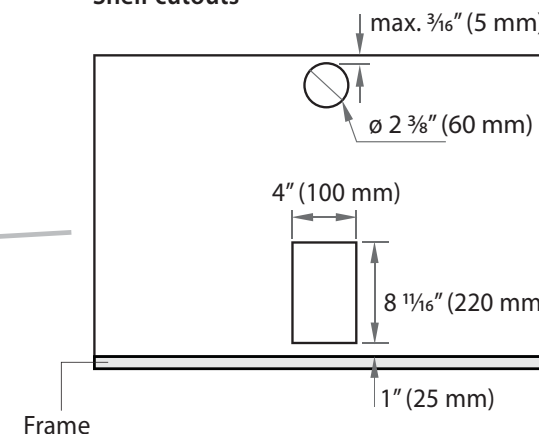
Services can be located
either side of dishwasher



Important!
Ensure any bare wood on
exposed frames is adequately
sealed to withstand moisture
(ie moisture-proof polyurethane)

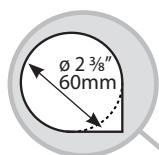
Important!
Ensure you do not cut through the toe kick below

Shelf cutouts

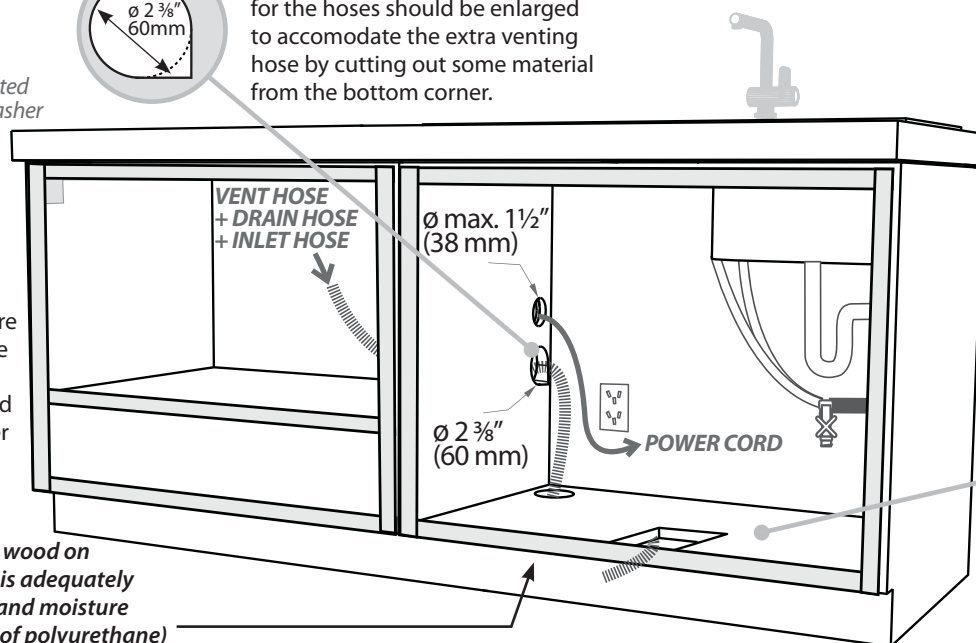


1b) INTEGRATED MODELS ONLY - PREPARATION FOR EXTERNAL VENTING THROUGH ADJACENT CABINET

Services can be located
either side of dishwasher



The $\varnothing 2 \frac{3}{8}"$ (60 mm) services hole
for the hoses should be enlarged
to accommodate the extra venting
hose by cutting out some material
from the bottom corner.

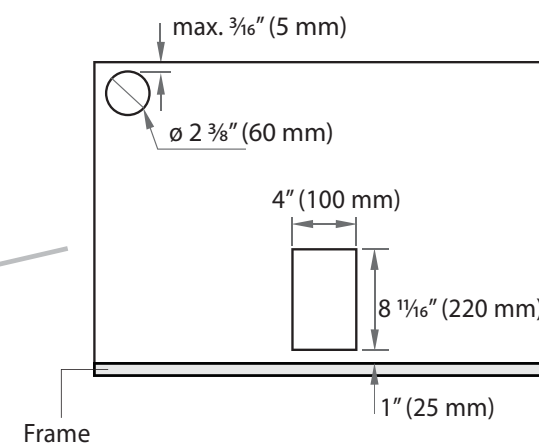


If the services holes are
through metal, ensure
you fit the supplied
Edge Protector around
the hole for the power
cord.

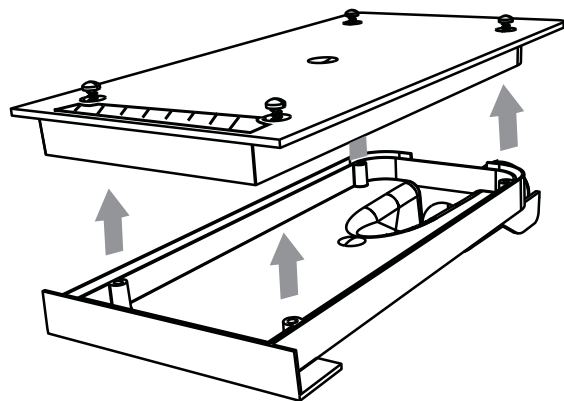
Important!
Ensure any bare wood on
exposed frames is adequately
sealed to withstand moisture
(ie moisture-proof polyurethane)

Important!
Ensure you do not cut through the toe kick below

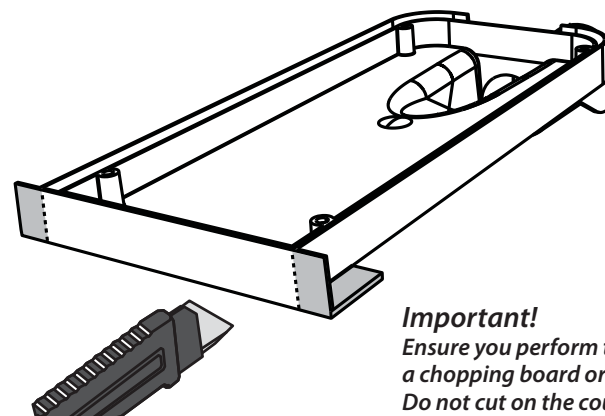
Shelf cutouts



- ② **UNSCREW TOP COVER FROM EXTERNAL VENT**

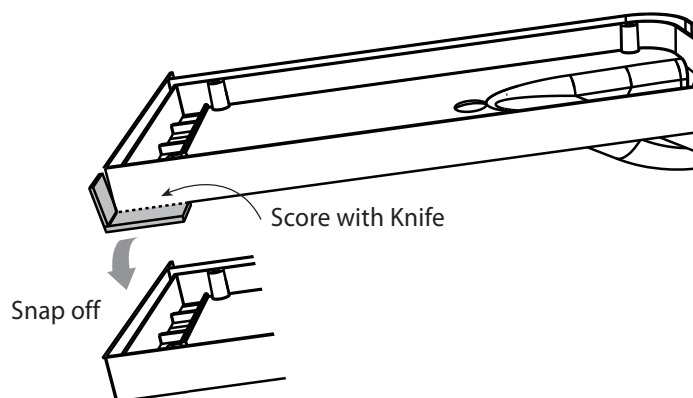


- ③ **THE SHADED AREAS HAVE TO BE REMOVED. FIRST, CUT DOWN FRONT FACE WITH A KNIFE**

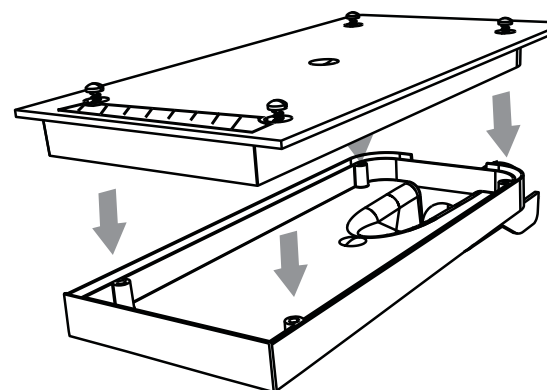


Important!
Ensure you perform this step on
a chopping board or similar.
Do not cut on the countertop
or floor.

- ④ **CUT OFF REMAINING PLASTIC FROM EACH SIDE**



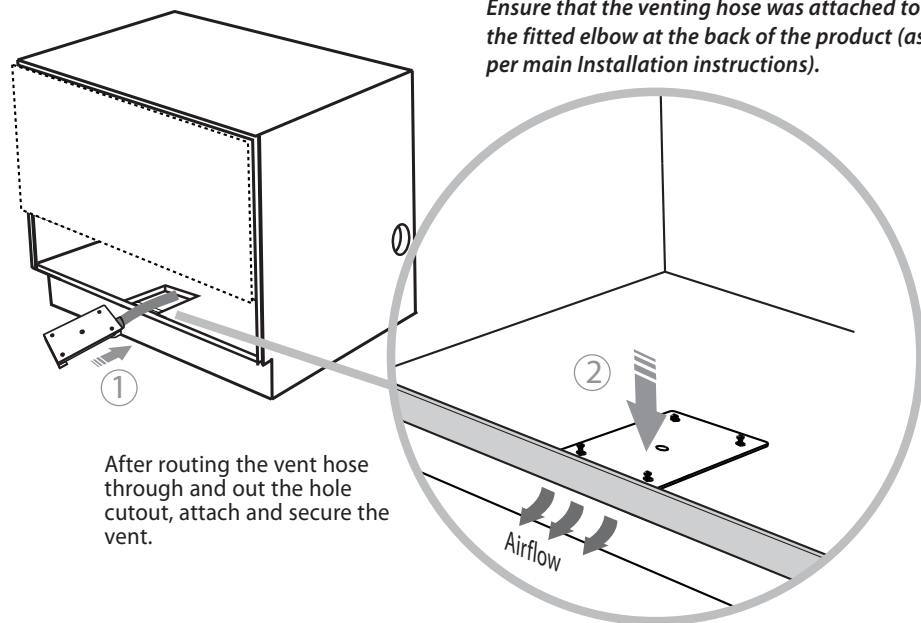
- ⑤ **LOOSELY ASSEMBLE THE EXTERNAL VENT TOGETHER. THE VENT IS NOW MODIFIED AND READY TO INSTALL**



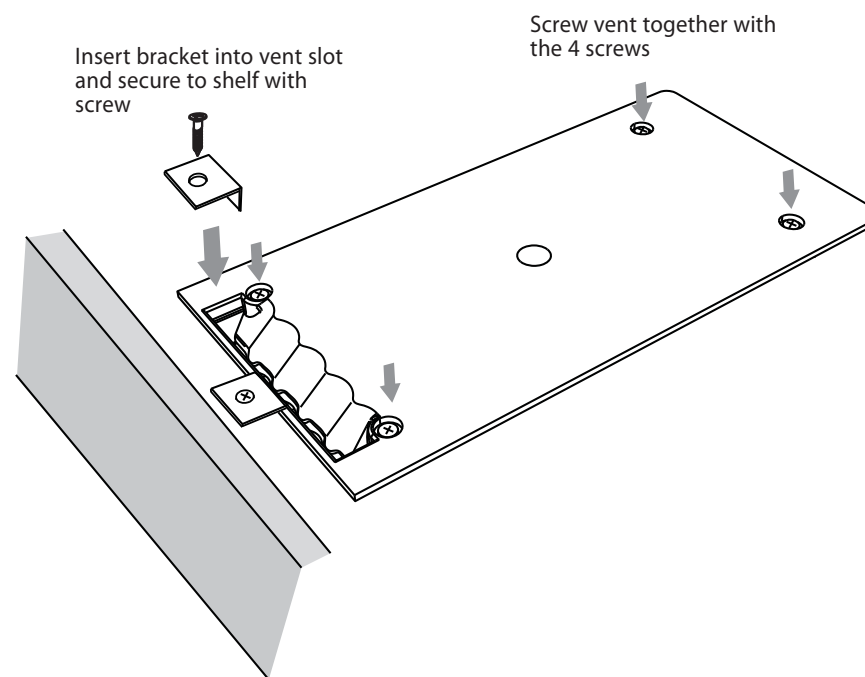
⑥ ATTACH THE HOSE TO THE VENT & POSITION IN CUTOUT

Important!

Ensure that the venting hose was attached to the fitted elbow at the back of the product (as per main Installation instructions).



⑦ SECURE THE EXTERNAL VENT USING BRACKET & SCREWS



Instructions d'installation

Lave-vaisselle DishDrawer™
Modèles Encastrés DD24S 7, DD24ST 7 et DD36ST 7
US CA (FR)

Fisher & Paykel

Installation kit de ventilation externe dans les armoires encadrée seulement

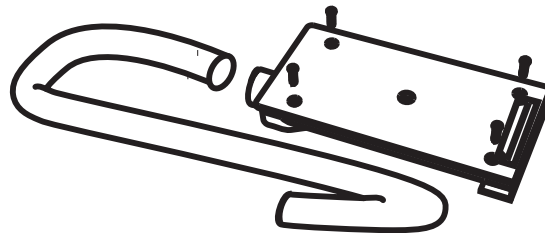
Pour les clients ayant armoires encadrée seulement

*L'installation fourni manuel d'instructions fourni avec votre produit vous explique comment installer le kit de ventilation externe fourni en **armoires sans cadre** seulement.*

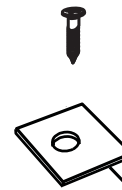
Si vous installez le kit de ventilation externe dans **les armoires encadrée**, alors s'il vous plaît se **référer à ce guide** pour des instructions à la place.

Les instructions contenues dans ce livret sont un remplacement pour la sécurisation des instructions ventilation dans le guide principal.

Après avoir monté le kit de ventilation externe à l'aide de cette livret, s'il vous plaît, puis renvoyer à vos instructions d'installation principaux pour terminer l'installation de votre lave-vaisselle.



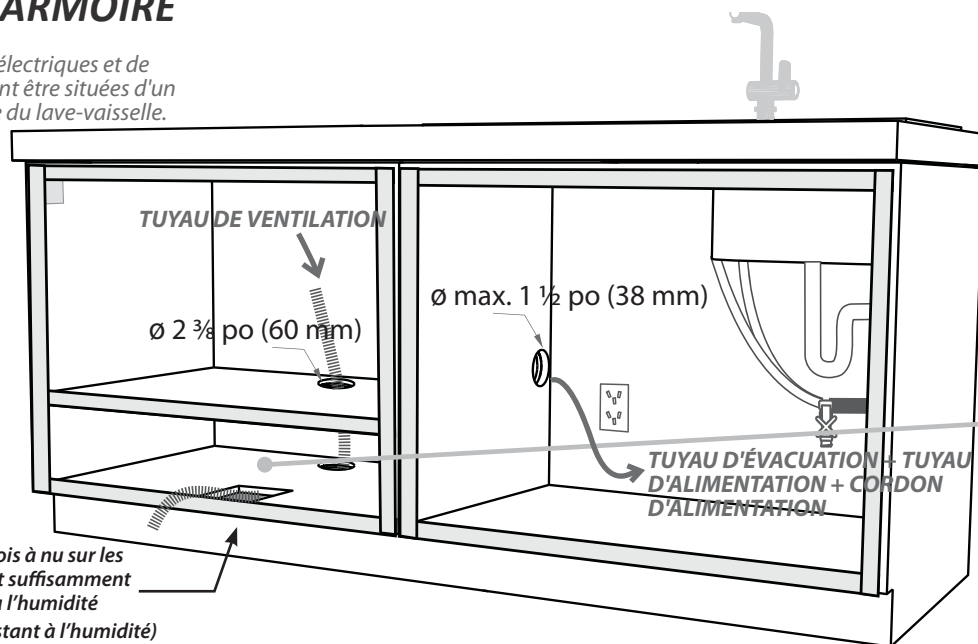
Ensemble de ventilation externe (1)



Étrier et vis (1)

1a) MODÈLES ENCASTRÉS UNIQUEMENT - PRÉPARATION POUR UNE VENTILATION EXTERNE AU TRAVERS DE LA MÊME ARMOIRE

Les installations électriques et de plomberie peuvent être situées d'un côté ou de l'autre du lave-vaisselle.



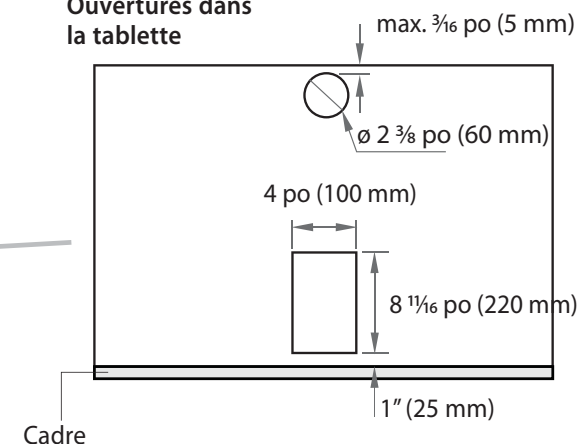
Important!

S'assurer que tous les bois à nu sur les cadres de exposées sont suffisamment étanches pour résister à l'humidité (c.-à-polyuréthane résistant à l'humidité)

Important!

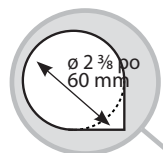
Veillez à ne pas couper à travers la plinthe ci-dessous

Ouvertures dans la tablette

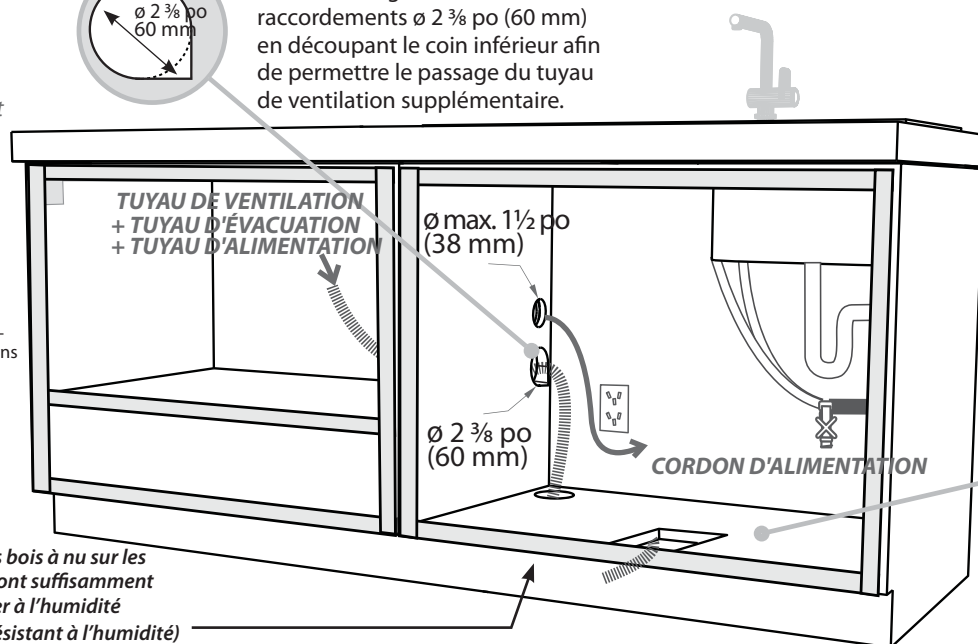


1b) MODÈLES ENCASTRÉS UNIQUEMENT - PRÉPARATION POUR UNE VENTILATION EXTERNE AU TRAVERS DE L'ARMOIRE ADJACENTE

Les installations électriques et de plomberie peuvent être situées d'un côté ou de l'autre du lave-vaisselle.



Vous devez agrandir le trou des raccords $\varnothing 2 \frac{3}{8}$ po (60 mm) en découpant le coin inférieur afin de permettre le passage du tuyau de ventilation supplémentaire.



Si les trous des raccords sont pratiqués dans un panneau métallique, assurez-vous d'apposer le protecteur de rebord fourni autour du trou utilisé pour le cordon d'alimentation.

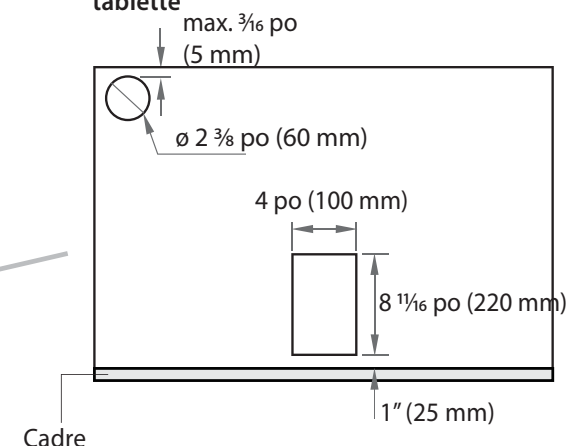
Important!

S'assurer que tous les bois à nu sur les cadres de exposées sont suffisamment étanches pour résister à l'humidité (c.-à-polyuréthane résistant à l'humidité)

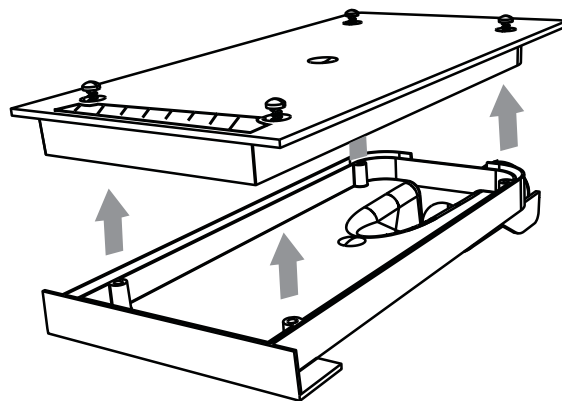
Important!

Veillez à ne pas couper à travers la plinthe ci-dessous

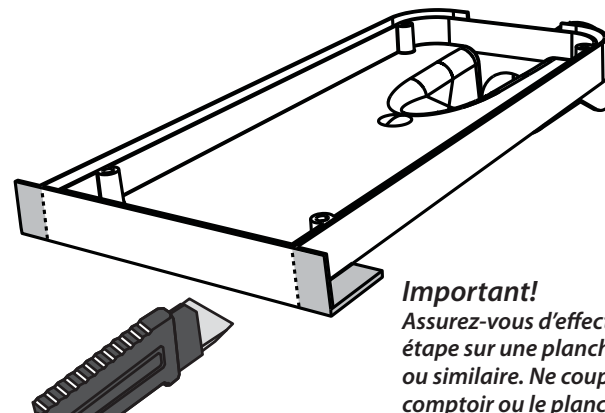
Ouvertures dans la tablette



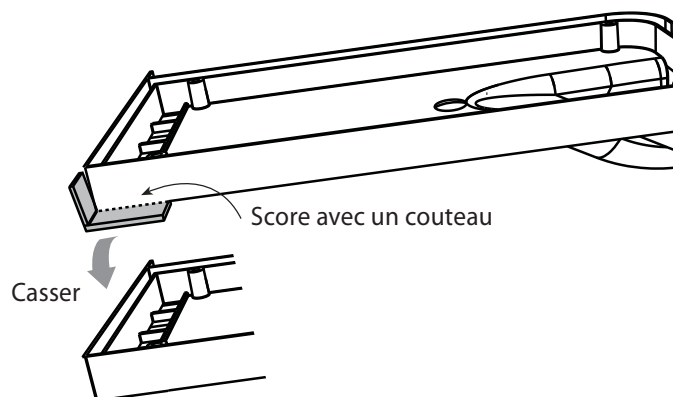
- ② DÉVISSEZ LE COUVERCLE SUPÉRIEUR DE L'ÉVENT EXTERNE



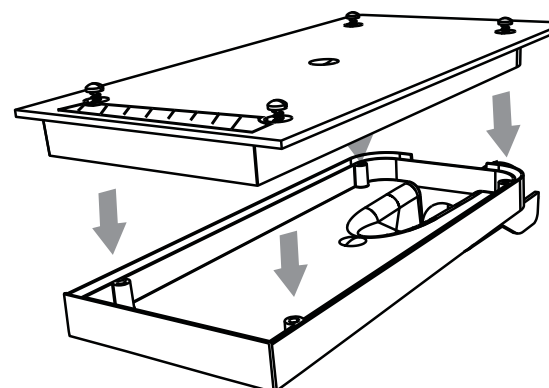
- ③ LES ZONES OMBRÉES DOIVENT ÊTRE ENLEVÉS. COMMENCEZ PAR DÉCOUPER FACE AVANT AVEC UN COUTEAU



- ④ COUPER EN PLASTIQUE DE RESTER CHAQUE CÔTÉ



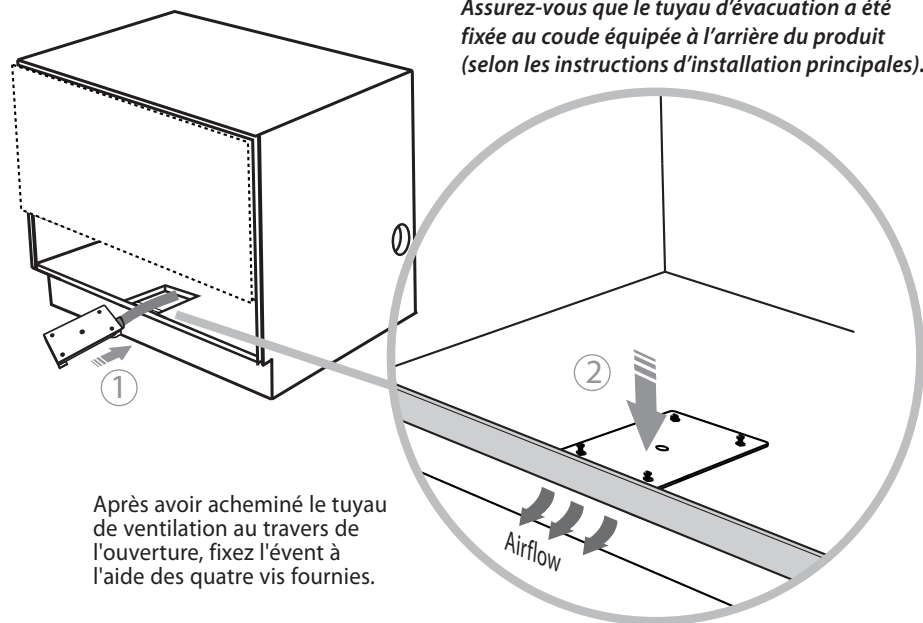
- ⑤ ASSEMBLAGE DU ÉVENT EXTERNE. LE ÉVENT EST MAINTENANT MODIFIÉ ET PRÊT À INSTALLER



⑥ FIXER LE TUYAU DE L'ÉVENT ET POSITION DANS LE TROU

Important!

Assurez-vous que le tuyau d'évacuation a été fixée au coude équipée à l'arrière du produit (selon les instructions d'installation principales).



⑦ FIXER LA ÉVENT EXTERNE À L'AIDE SUPPORT & VIS

