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# DISHDRAWER™ DISHWASHER WITH ASSISTED OPENING ACCESSORY

## INSTALLATION GUIDE

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**FISHER & PAYKEL**

**NZ AU SG**

592970B 07.25

**INTEGRATED DISHDRAWER™ DISHWASHER**

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DD60STX6I1, DD60STX6HI1

Assisted Opening Accessory OPEX1

## COMPONENTS REQUIRED

### TOOLS

#### Not supplied

- Box cutter
- Crosshead screwdriver
- Flat blade screw driver
- Drill
- 1x 13mm Drill bit
- 1x 2.5mm Drill bit
- Level
- Pliers
- Pencil

### PARTS

#### Supplied and required

<input type="checkbox"/> 4x Side brackets	<input type="checkbox"/> 1x Drain hose support
<input type="checkbox"/> 1x Sealing tape	<input type="checkbox"/> 1x Drain hose joiner
<input type="checkbox"/> 1x Door bracket kit	<input type="checkbox"/> 1x Wire clip
<input type="checkbox"/> 16x 16mm Crosshead screws	<input type="checkbox"/> 1x Clamp
<input type="checkbox"/> 2x 38mm Chassis feet fixing screws and washers	<input type="checkbox"/> 1x External venting kit

#### Supplied

- 1x Trim bracket
- 4x Spacer sets
- 2x 0.5mm Shims
- 4x 0.75mm Shims

#### Assisted Opening Accessory

- Assisted Opening Accessory
- Power cord
- Lens cover
- Striker plate assembly
- Striker plate cover



To access installation videos, scan the QR code or go to: <https://www.fisherpaykel.com/nz/dishdrawer-installation-videos>

The videos provide an overview of the DishDrawer™ installation and are not intended to be used as a standalone guide.

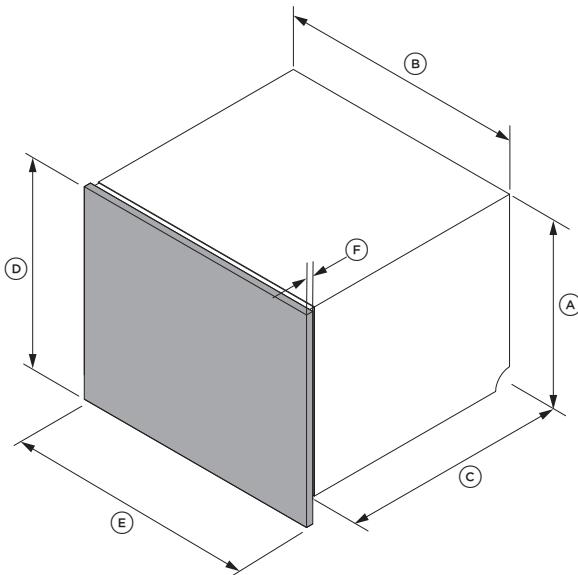
Installation should be undertaken by a Fisher & Paykel trained and supported service technician or qualified person.

## ACCESSING YOUR PRODUCT SPECIFICATIONS



For full product, cabinetry and service specifications, refer to the Planning Guide. To access the Planning Guide, scan the QR code or visit [fisherpaykel.com/specify](http://fisherpaykel.com/specify). Search by appliance type, product name or model code.

For installation support please contact the Fisher & Paykel design support team at [designsupport@fisherpaykel.com](mailto:designsupport@fisherpaykel.com)



### Product and Panel Dimensions

	mm
Ⓐ Chassis height	455
Ⓑ Chassis width	599
Ⓒ Chassis depth	553
Ⓓ Panel height	508
Ⓔ Panel minimum width	596
Ⓕ Panel thickness	16-20

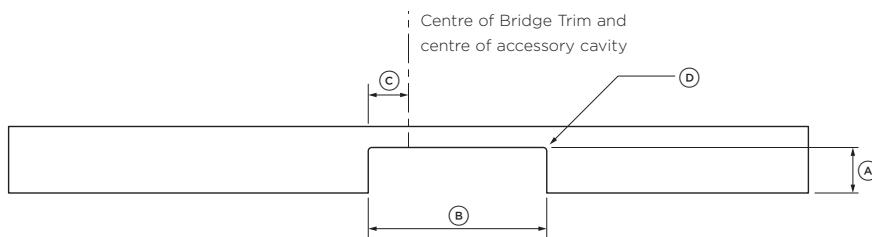
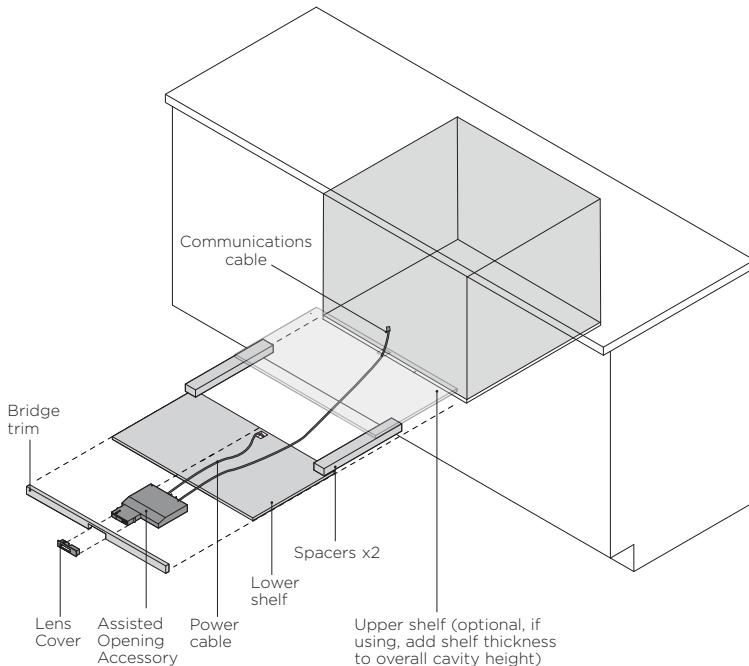
Note: A 2mm clearance gap is required between the dishwasher drawer panel and surrounding cabinet panels.

## ACCESSING YOUR PRODUCT SPECIFICATIONS

The Assisted Opening Accessory cavity width will vary according to the selected product or products.

The bridge trim overall height and width must be measured to fit the final Assisted Opening Accessory cavity dimensions.

The bridge trim should be removable to allow the accessory to be adjusted and maintained.



### Bridge trim dimensions

mm

(A) Height of cutout

26

(B) Width of cutout

102

(C) Offset from centre of trim to centre of cutout

28

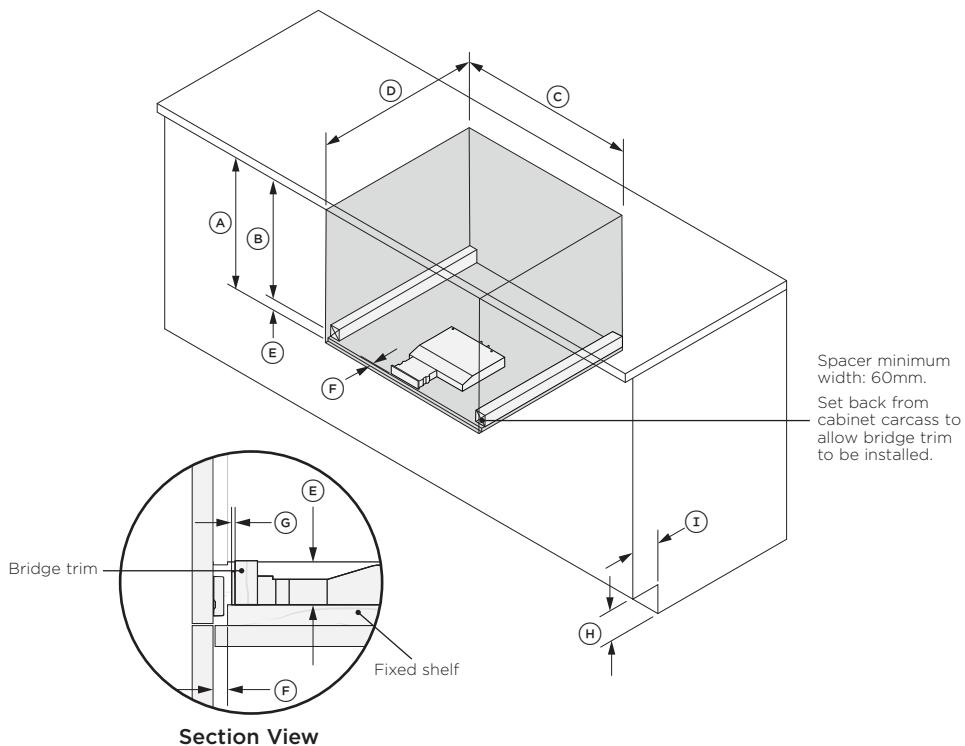
(D) Corner cutout radius

Max 5

## ACCESSING YOUR PRODUCT SPECIFICATIONS

Ensure there is a small gap between the custom panel and any cabinetry behind it to maintain a proper seal in the dishwasher.

This prevents moisture escape and condensation which can damage the custom panel.



Section View

Dimensions	mm
Ⓐ Overall Dishwasher cavity minimum height (includes fixed shelf)	513
Ⓑ Dishwasher chassis cavity minimum height	457
Ⓒ Cavity minimum width	600
Ⓓ Cavity minimum depth*	578
Ⓔ Opening accessory cavity and spacer minimum height above fixed shelf	38
Ⓕ Fixed shelf set back from front of cabinetry carcass	11
Ⓖ Bridge trim set back from front of fixed shelf	3
Ⓗ Minimum toe kick height**	100
Ⓘ Minimum cabinet toe kick depth**	60

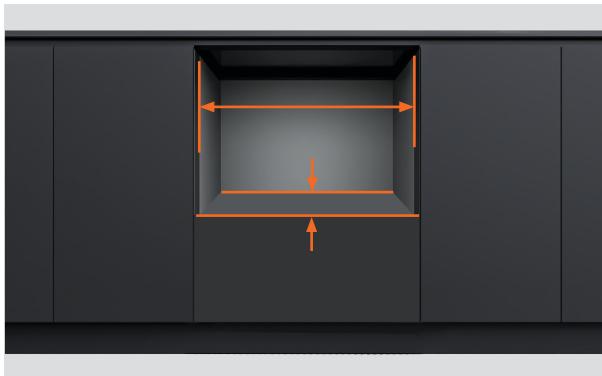
\*Assumes 18mm door panels. \*\*When venting through toe kick

## PRIOR TO INSTALLATION



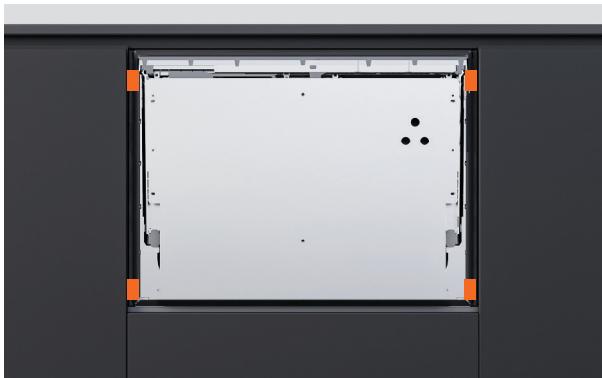
[fisherpaykel.com/specify](http://fisherpaykel.com/specify)

1. Refer to the Planning Guide for cabinetry, cavity, panel and service specifications.



2. Ensure the cabinet meets the minimum cavity specifications required.

Check that the cabinet sides are square.



3. If the cavity is too wide, add material to the sides to allow the dishwasher to be secured. See the planning guide for details.

## PRIOR TO INSTALLATION

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4. Check that the cabinet is level.



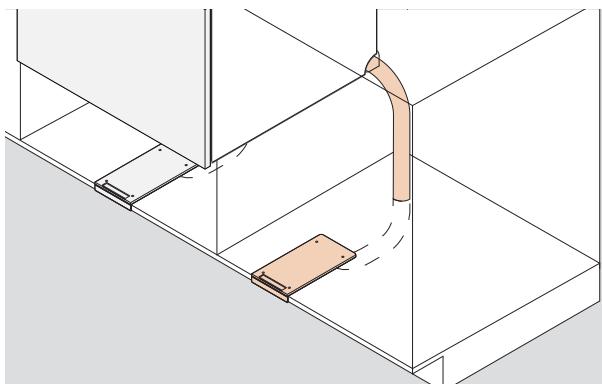
5. The power plug should be accessible after installation for maintenance.



6. Service holes can be routed from the dishwasher into the adjacent cavity.

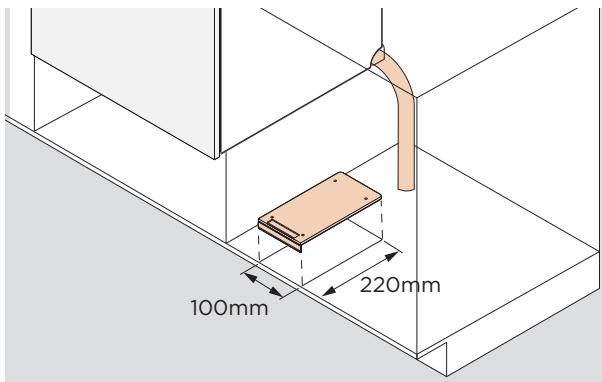
## PRIOR TO INSTALLATION - SERVICES

If routed through the cabinet toe kick, vent ducts require a minimum toe kick height of 100mm and depth of 60mm.

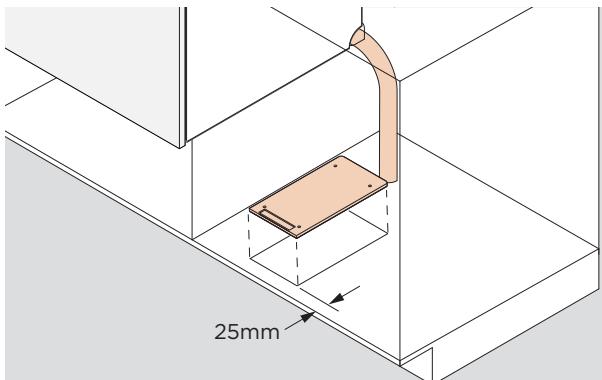


1. The vent hose can be routed through to the adjacent cabinet and into the toe kick.

Alternatively, it can be routed under the dishwasher into the toe kick.



2. The vent duct cut out is 100mm x 220mm.

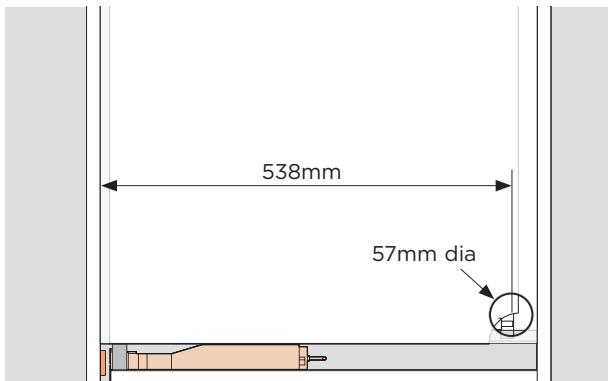


3. Framed cabinetry:

The cut out should be placed 25mm back from the frame.

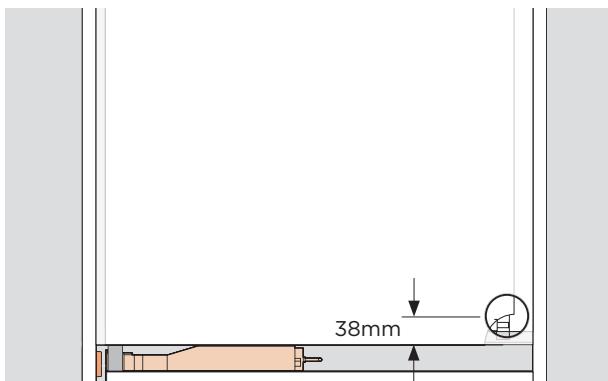
## PRIOR TO INSTALLATION - SERVICES

Refer to the Planning Guide at [fisherpaykel.com](http://fisherpaykel.com) for service options. Ensure the edges of service holes are smooth. For service holes with metal edges, ensure the supplied edge protector is fitted.

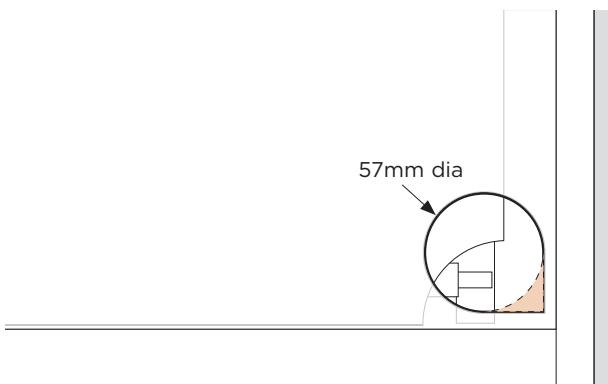


**1.** A minimum 57mm diameter service hole is required in the cabinet side.

The center of the hole should be a minimum of 538mm from the front of the chassis.



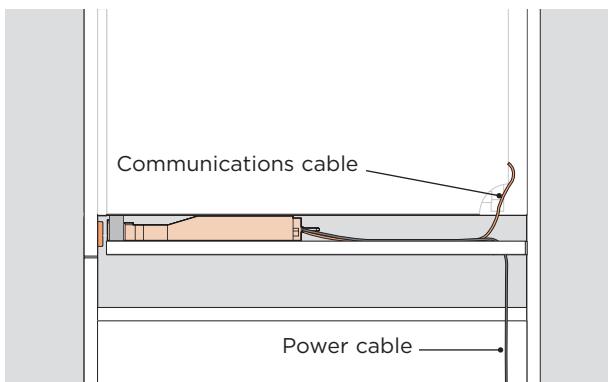
**2.** The center of the hole should be a maximum of 38mm the bottom of the dishwasher.



**3.** If the vent hose is routed through the service hole, cut out the back corner.

## PRIOR TO INSTALLATION - SERVICES

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### 4. Assisted Opening Accessory

The communications cable is connected to the dishwasher before the dishwasher is installed.

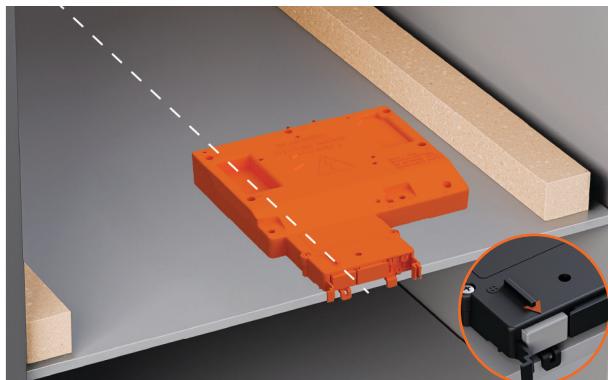
The power cable can be routed through a service hole in the lower shelf.

## INSTALL ASSISTED OPENING ACCESSORY

Refer to the Planning Guide at [fisherpaykel.com](http://fisherpaykel.com) for cabinet specifications.



1. Place the accessory on the shelf, using the lower tab guides for alignment.



2. Use the left-hand tab and arrow to center the accessory on the cabinet shelf.



3. Drill two pilot holes using the guides at the back of the accessory.

## INSTALL ASSISTED OPENING ACCESSORY



4. Remove the product and screw in the two supplied shoulder bolts.



5. Connect the power cord to the rear of the accessory and then thread the cord through the strain relief bracket.



6. Plug the communication cable into the back of the unit.

## INSTALL ASSISTED OPENING ACCESSORY



7. Place the accessory on the shelf and push it back against the shoulder bolts.



8. At the front of the product pre drill a pilot hole at a 45 degree angle through the guide.

Fix the screw into place.



9. Feed the power cable through a hole in the lower shelf and connect to the power supply.

Ensure the communications cable is accessible for connecting to the dishwasher.

## UNPACK ALL PRODUCTS

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**1.** Remove the plastic wrap.



**2.** Remove the top packaging.  
Leave the base on to protect  
the floor surface while moving  
the dishwasher.



**3.** Do not remove door  
bracket from the front of the  
dishwasher.

## UNPACK ALL PRODUCTS

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**4.** Peel the tape from the top drawer and remove accessories and installation packages from the tub.

Close the drawer and re-apply the tape.



**5.** Dispose of packaging responsibly.

## APPLY SEALING TAPE

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1. Ensure underside of countertop is clean and free of dust.



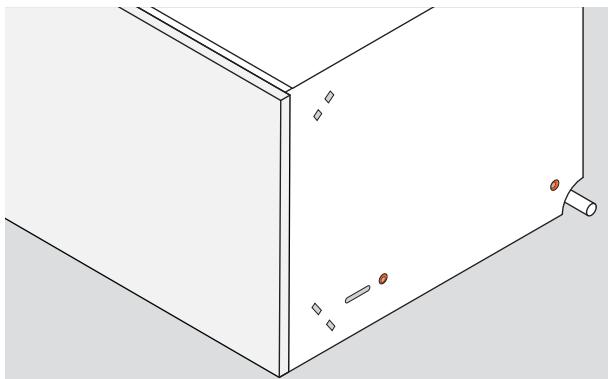
2. Remove backing from tape.



3. Apply tape to top edge of cabinet ensuring it is centred and set back 10mm from the front edge.

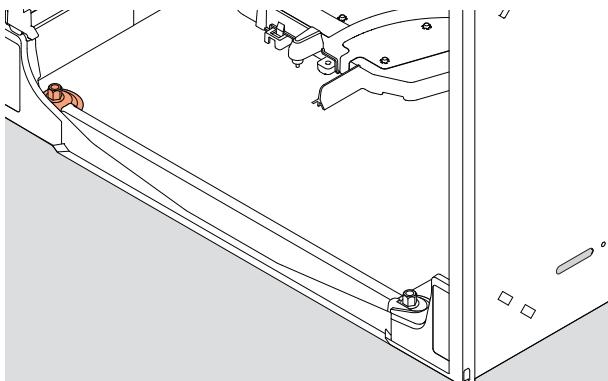
## DISHWASHER SECURING OPTIONS

The dishwasher must be secured to stay in place and prevent vibration. Three fixing points on each side of the chassis is recommended.



### 1. Securing through chassis sides:

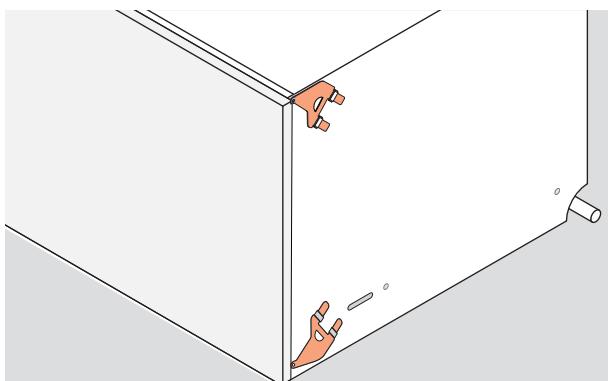
Screws must be fixed through the chassis sides and into the cabinet sides or packers.



### 2. Securing through chassis bottom:

A screw can be fixed through the bottom of the chassis and into the shelf from the inside of the dishwasher.

38mm fixing screws and washers are supplied.



### 3. Securing through side brackets:

Side brackets can be inserted into the chassis sides and fixed to the cabinet sides.

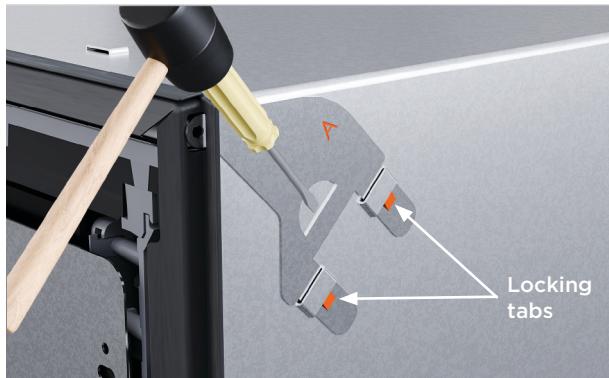
All brackets can be used if needed.

## ATTACH SIDE BRACKETS

The brackets must lie flat on the chassis with the locking tabs facing out. The locking tabs must be properly inserted through the slots to secure the brackets.



1. Locate the side bracket sets.



2. If using the upper brackets, insert into the slots and tap gently with a soft mallet to secure.

Push the screw tab through the gap in the rubber seal.



3. If using the lower brackets, insert into lower slots and tap gently with a soft mallet to secure.

Push the screw tab through the gap in the rubber seal.

## ATTACH SPACERS

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1. Snap off the four spacers with an adhesive strip.



2. Place spacers on each side of the dishwasher between the brackets.



3. If required a larger spacer segment can be snapped on to adjust the thickness.

## ATTACH TOP TRIM

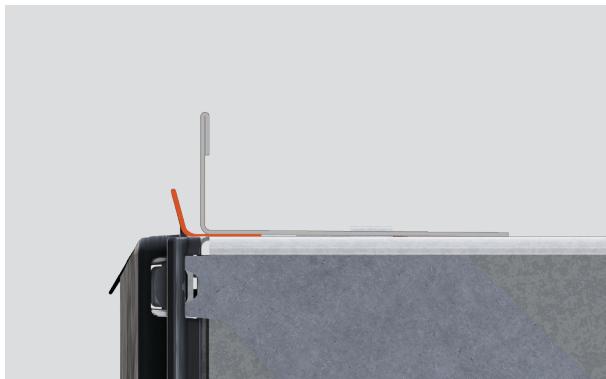
Installing the trim bracket is recommended when fitting your dishwasher into a 480mm high cavity to conceal any visible gap between the countertop and the chassis.



1. Align the trim to the chassis ensuring the arrow is pointing forward.



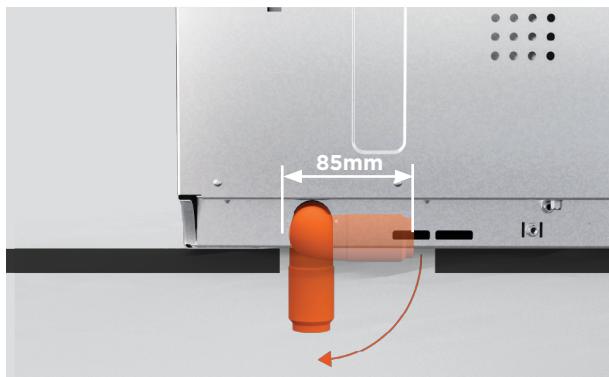
2. Firmly push the trim into the slots to secure it over the rubber seal.



3. Ensure the front of the rubber seal is free of the bracket.

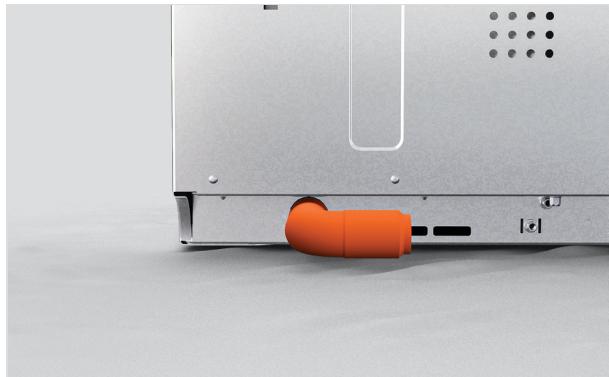
## ATTACH VENT HOSE

Refer to the planning guide at [fisherpaykel.com](http://fisherpaykel.com) for venting options.

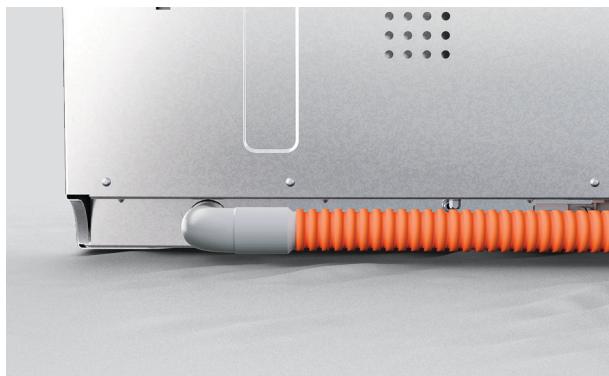


The vent can be routed under the dishwasher.

Ensure the cut out size allows the vent elbow to be rotated when the dishwasher is in the cavity.



**1.** Rotate the elbow to the left or right depending on your venting location.



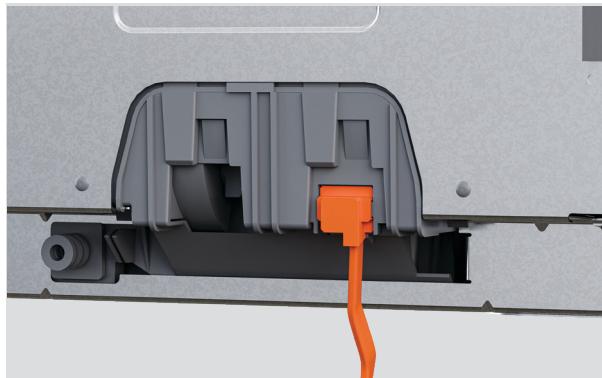
**2.** If the vent is routed left or right, push the vent hose onto the elbow firmly to secure.

## PUSH INSIDE CAVITY

Take care to avoid damaging adjacent panels when placing dishwasher into cavity. Avoid crushing or twisting the hoses.



1. Place the dishwasher on an elevated surface on the left, near the cavity.



2. Plug the assisted opening accessory communication cord into the back of the dishwasher.



3. Feed the dishwasher hoses and cords through the cut-outs and into the adjacent cavity.

## PUSH INSIDE CAVITY

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The minimum gap between the drawer panel and countertop or frame is 2mm.



**5.** Carefully push the dishwasher into the cavity, feeding the hoses through the service holes as you go.

Avoid crushing or twisting the hoses.

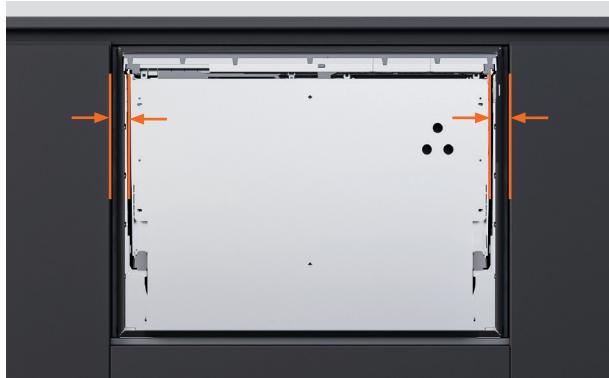


**4.** Place the panel onto the door bracket and adjust the dishwasher within the cavity until the front of the panel aligns with the cabinet doors.

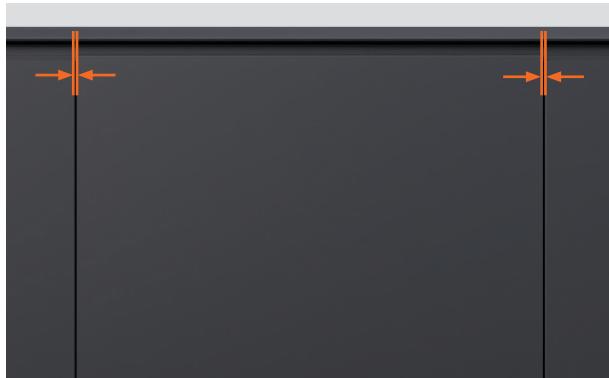
## MEASURE CUSTOM PANEL

If panels widths or heights are extended over the minimum dimensions, ensure there is a small gap between the custom panel and any cabinetry behind it.

The drawer must seal fully to prevent moisture escape and condensation, which may damage the custom panel.

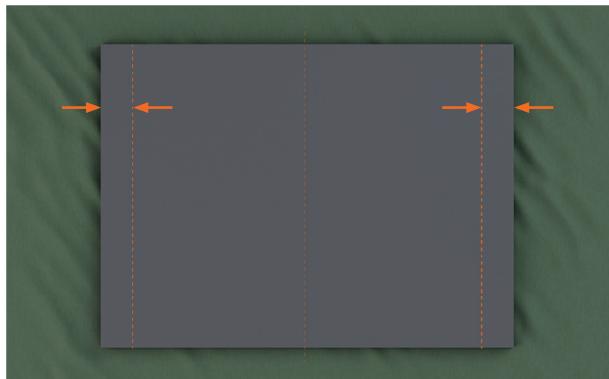


1. Measure the distance from the adjacent cupboard doors to the edges of the door bracket.



2. Subtract the required gap between the cabinet panels from each measurement.

The minimum required gap to adjacent cabinet doors or drawers is **2mm**.



3. Use the final measurements to mark vertical lines on the back of the custom panel.

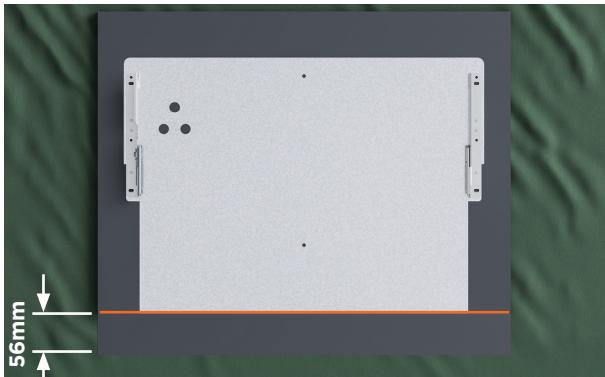
## ATTACH PANEL TO DOOR BRACKET



1. Rotate the drawer bracket pins by a quarter turn.  
Use pliers to pull the door pin out.



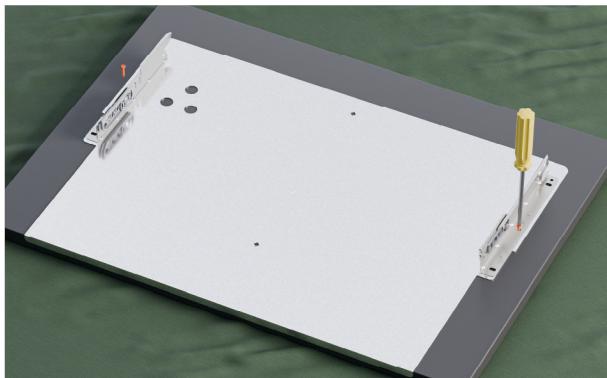
2. Detach the door bracket by pulling down firmly and then angling out.  
Disconnect the earth wire from the bracket before removing.



3. The bracket must be placed 56mm above the lower edge of the panel.

## ATTACH PANEL TO DOOR BRACKET

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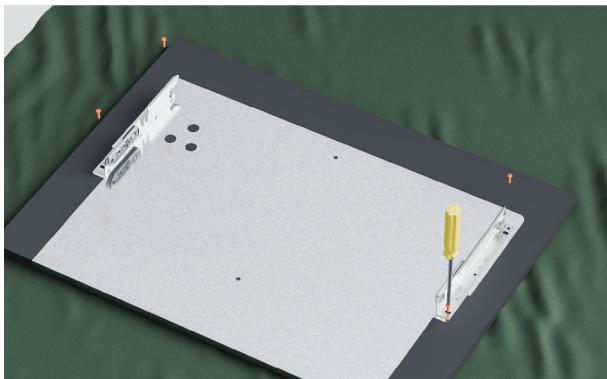


**4.** Fix one screw in each side through the bracket fixing points.

Pilot holes may be required depending on the panel material.



**5.** Slot panel onto dishwasher. Check gaps between the panel and adjacent cabinet doors are a minimum of **2mm**.



**6.** Remove the door panel and fix the remaining four screws.

## INSTALL KNOCK-TO-PAUSE MODULE



1. Secure knock-to-pause module to the panel using the supplied screws.



2. Check that the module is oriented correctly and fixed securely to ensure proper function.



3. Move the panel to the dishwasher.  
Plug the knock-to-pause module into the controller.

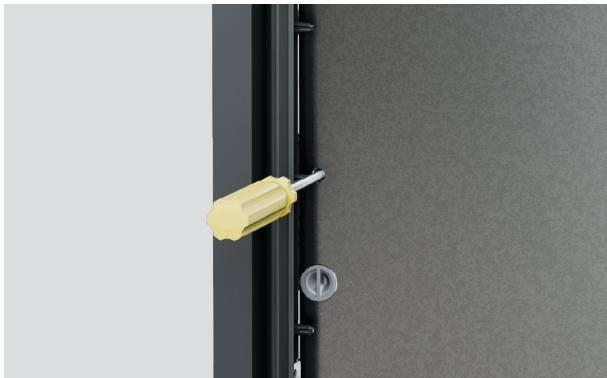
## SECURE PANEL



1.  Attach the earth wire to the door bracket to ensure safe use.



2. Place the panel back onto the dishwasher. Insert the side pins.  
Quarter turn the pins to secure.



3. For fine vertical adjustments:  
Insert a crosshead screwdriver into the hole above side pins and turn.  
The adjustment range is  $\pm$  2mm.

## SECURE THROUGH CHASSIS SLOT

Slots in the chassis sides allow screws to be temporarily fixed and the dishwasher to be adjusted within the cavity. Panel alignment can then be checked before final fixing.



1. Pull the drawer halfway out to remove the tub.

On each side of the tub, push locking tabs back.



2. Place the drawer on a protected surface to the left of the appliance.



3. On the chassis sides, lift the insulation.

## SECURE THROUGH CHASSIS SLOT



4. Fit a screw in each chassis slot to secure to the cabinet. Partially tighten screws ensuring adjustments can be made.



5. Refit insulation ensuring it is positioned correctly and will not obstruct the drawer runners.



6. To replace the tub, pull the drawer runners halfway out. Place the tub onto the runners.

## SECURE THROUGH CHASSIS SLOT

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**7.** Pull locking tabs forward and click the drawer into place.

**Ensure hoses are not crushed or twisted when closing the drawer.**



**8.** Check that the panel is aligned with the surrounding cabinetry.

Adjust the dishwasher in the cavity if required.

## SECURE THROUGH CHASSIS



1. Pull the drawer halfway out to remove the tub.  
On each side of the tub, push locking tabs back.



2. Place the drawer on a protected surface to the left of the appliance.



3. On the chassis sides, lift the insulation.

## SECURE THROUGH CHASSIS

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4. Insert screws through the two holes on each side of the chassis.



5. Insert the supplied 38mm screws and washers through the front left hand hole on the bottom of the chassis.



6. Ensure insulation is repositioned correctly and will not obstruct the drawer runners.

## SECURE THROUGH CHASSIS

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**7.** Place the tub back onto the runners, pull locking tabs forward and click drawer into place.

## SECURE USING BRACKETS

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1. If using brackets, partially open the top drawer.  
Lift the rubber seal and remove the left and right screw covers from the trim.



2. Fix side brackets using the supplied screws and replace the screw covers.

## CHECK PANEL TILT

If the custom panel is slightly angled out compared to the adjacent cabinetry, the supplied shims can be used to make minor adjustments.



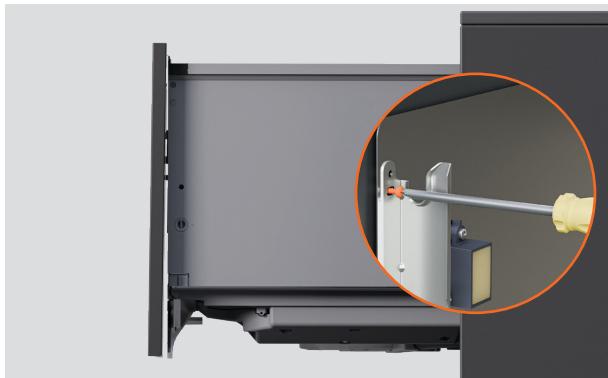
### Shim options:

2 x 0.5mm, 4 x 0.75mm.

Do not use shims for any adjustments over 1.75mm.



1. Remove the panel and door bracket if adjustment is needed.



2. For panels tilted outward at the bottom of the dishwasher:  
Loosen the screws at the top of the bracket on each side.

## CHECK PANEL TILT



**3.** Insert the shim between the panel and the door bracket and tighten the screw.

Slot the panel onto the dishwasher and check.



**4. For panels tilted outward at the top of the dishwasher:**

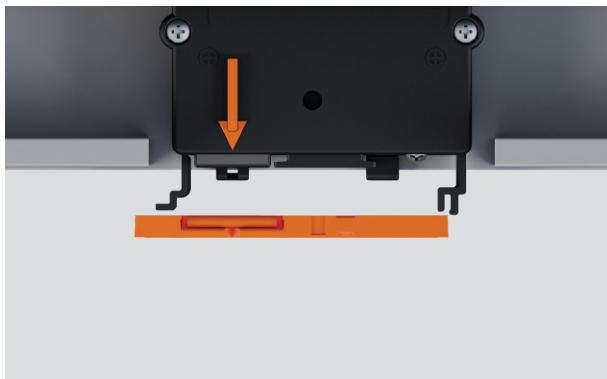
Loosen the screws at the bottom of the bracket on each side.



**5.** Insert the shim between the panel and the door bracket and tighten the screw.

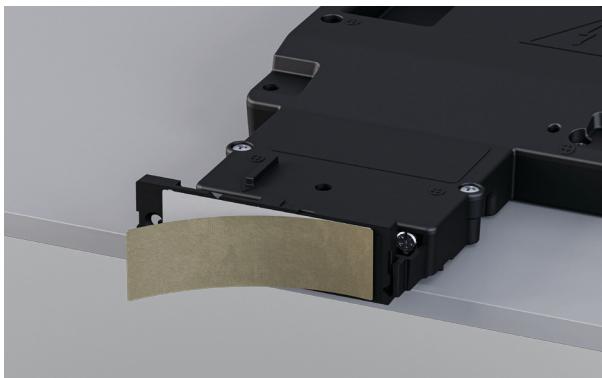
Slot the panel onto the dishwasher and check the drawer panel alignment.

## ASSISTED OPENING - POSITION STRIKER PLATE



1. Clip the striker plate onto the accessory locating tabs.

Ensure the V notch on striker plate aligns with arrow on the accessory.

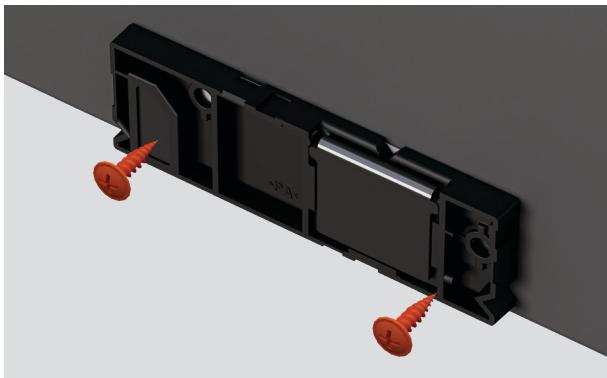


2. Remove the adhesive strip on the striker plate.

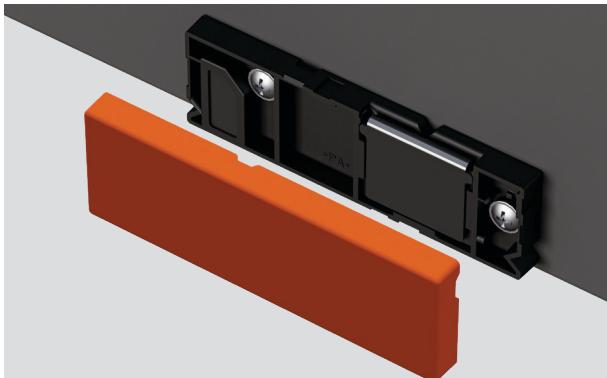


3. Close the door and apply pressure to secure

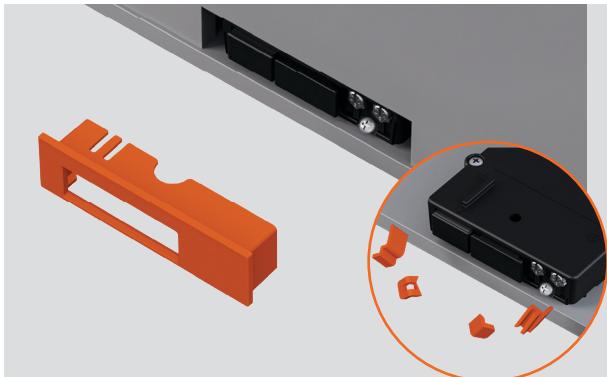
## ASSISTED OPENING - ATTACH STRIKER PLATE TO PANEL



4. Open the door and fix two screws to the striker plate to secure to the drawer panel.

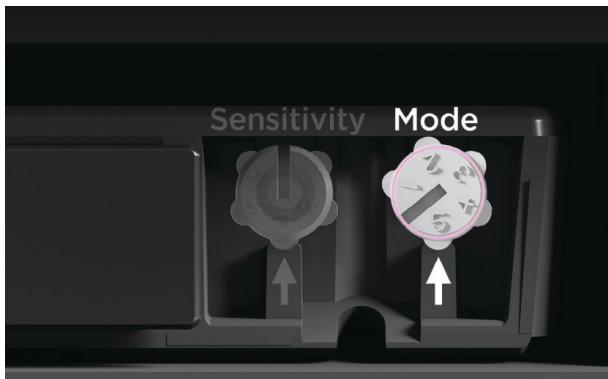


5. Clip striker plate cover into place snap off the remaining locating tabs.



6. Snap off the remaining locating tabs.  
Fit the bridge trim and slot the cover into place.

## OPENING ACCESSORY MODE



1. Rotate the dial to **mode 5** using a flat bladed screwdriver.  
**Do not adjust the sensitivity.**

MODE	DESCRIPTION
5 DRAWER	Sets the opening distance to its maximum.* Recommended for all drawer installations.
3 & 4 LARGE OPENING	Sets the opening distance to its maximum.*
2 SMALL OPENING	Sets the opening distance to its minimum.*
1 DEACTIVATED	Prevents the Assisted Opening Accessory from operating during installation. Your Accessory will not operate if left in this setting.

\*Opening distance will vary depending on custom panel thickness and the position of the Assisted Opening Accessory in the cavity.

### SENSITIVITY

The sensitivity cannot be adjusted on Dishwasher installations.

## TEST ASSISTED OPENING ACCESSORY

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### Knock-to-open

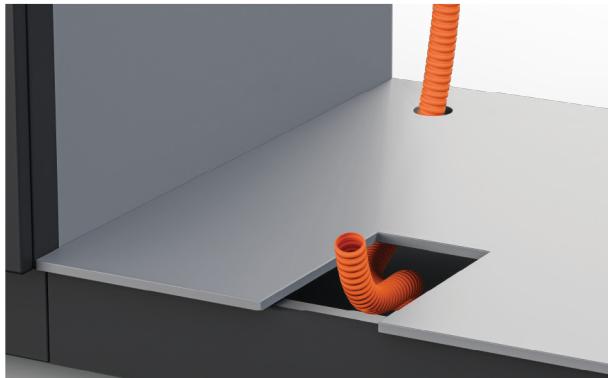
Knock twice on the front of the drawer to open.

## INSTALL VENT

The vent hose should not exceed a maximum length of 1.6 meters. Do not shorten the hose.



If the cabinet is framed or cannot be installed on the shelf edge, cut off the edging on the vent duct.

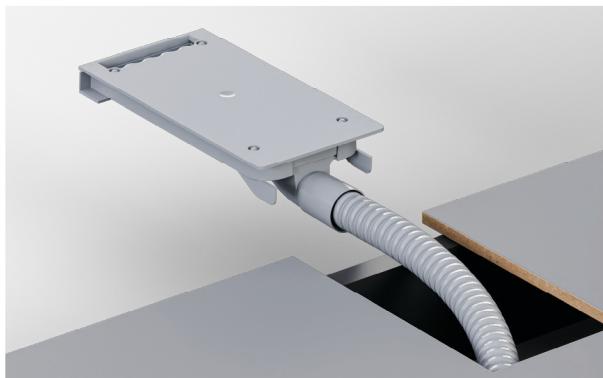


1. Feed the venting hose into the toe kick space in the adjacent cabinet or under the dishwasher as required.

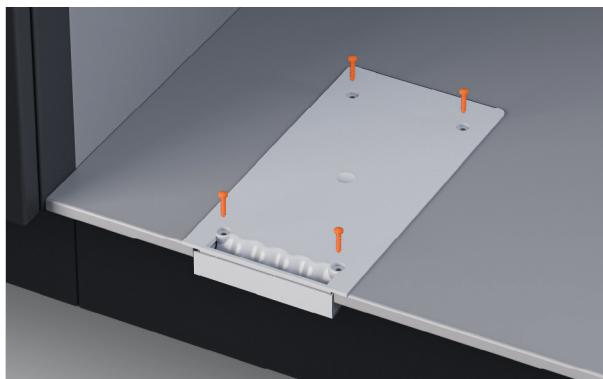


2. The vent hose can be coiled in the toe kick space.  
Ensure that there are no sharp bends or kinks.

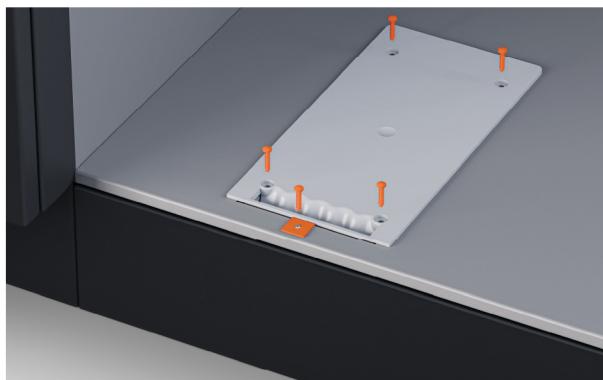
## INSTALL VENT



3. Pull the end of the venting hose through the cut-out and firmly attach it to the vent duct.



4. Secure the vent using the provided screws.



5. For framed cabinetry, install the bracket and screw included in the venting kit.

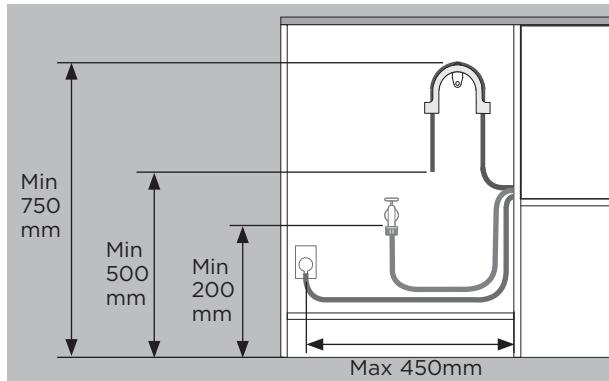
## DRAIN CONNECTION OPTIONS

DD60STX6HI1 Water pressure: maximum 1 MPa (145 psi), min. 0.1 MPa (14.5 psi).

DD60STX6I1 Water pressure: maximum 1 MPa (145 psi), min. 0.03 MPa (4.3 psi)

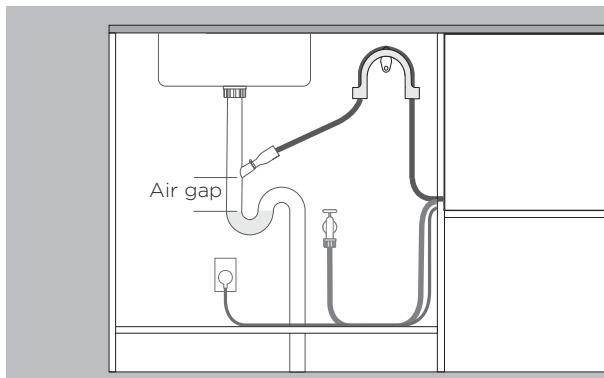
Water connection: 3/4" BSP (GB20) to suit flat washer

Recommended temperature: Cold (maximum 60°C)



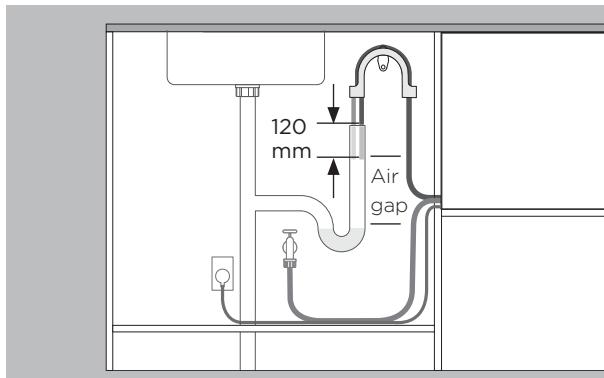
Distances are the same for all installs.

- Floor to support top - min 750mm.
- Floor to drain hose end - min 500mm.
- Floor to water inlet - min 200mm.
- Cabinet side to centre of electrical outlet - 450mm.



Drainage routed to spigot

- Spigot must be higher than standing water with an air gap between to avoid drainage issues.
- Remove excess drain hose to prevent hose drooping below the spigot height.



Drainage routed to standpipe

- Drain hose must be higher than standing water with an air gap between to avoid drainage issues.
- Remove excess drain hose.
- Hoses must not extend into standpipe more than 120mm.

## INSTALL DRAIN

Ensure the drain hose support is properly installed and the hose is correctly threaded through to prevent damage and drainage issues.

The dishwasher must not be drained into standing water.

If the drain hose supplied is not long enough to reach your services, a 3.6m drain hose extension kit is available at [fisherpaykel.com](http://fisherpaykel.com)



**1. Install the drain hose support as close to the countertop as possible, with a minimum distance of 750mm from the floor**

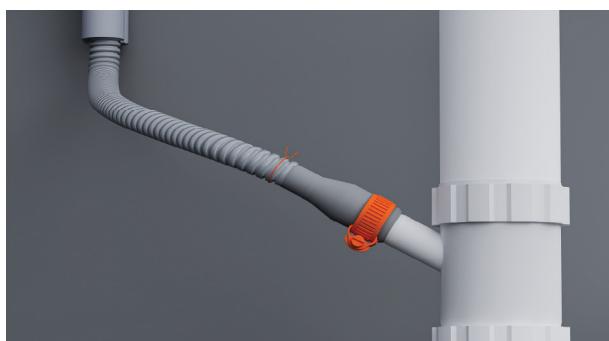
Thread the hose through the support.



**2. For connection to waste tee:**

To avoid shavings entering the plumbing system, remove the waste tee before drilling.

Unplug or drill out the waste tee minimum 13mm in diameter before securing joiner.



**3. Thread wire clips on to the hoses.**

Fit the hose to the supplied hose joiner and secure using the wire clips provided.

Ensure hose is routed straight to the joiner to avoid kinks that restrict drainage.

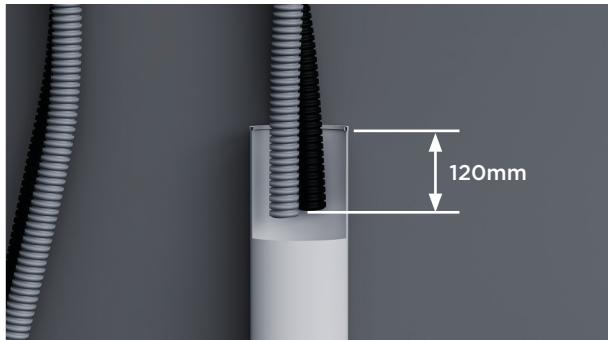
Trim drain hose if needed.

## INSTALL DRAIN



### 4. For connection to standpipe:

Pull both drain hoses through the support guide and rest in standpipe.



5. Ensure the hoses do not extend more than 120mm into the standpipe to prevent wastewater siphoning back into the tub.

Hoses can be trimmed if necessary.

## CONNECT WATER INLET

**Do not turn water supply on before power has been connected. The dishwasher must be powered on for flood protection to be enabled.**

Isolation taps are required to allow the water supply to be shut off.



1. Check that the supplied rubber washer is inserted into the coupling.



2. Connect the inlet hose to the tap.

Ensure the inlet hose is not kinked and the tap is not pulled or under pressure.

Do not shorten the inlet hose.



3. Hand-tighten into place. Using a spanner or pliers, turn a further 180° to secure. Avoid over-tightening.

## CONNECT POWER

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Electrical requirements: 220 - 240V minimum 4.8A

The power plug should be accessible after installation for maintenance.



**1. Connect power.**



**2. Check the water connections.**

Turn on the water supply and check for leaks.

The dishwasher must be powered on for flood protection to be enabled.

If power is to be disconnected, ensure water supply is turned off.

## INSTALLER CHECKLIST

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### Installation

- If power is disconnected, ensure water supply is turned off to prevent flooding.
- Check all parts are installed correctly and are secure.
- Ensure all clearance gaps have been maintained.
- Ensure dishwasher is secure and drawer opens and closes freely with no resistance.
- Ensure panel is fitted correctly to the dishwasher
- Ensure any packaging or tape securing the racks and spray arm is removed.
- Check the spray arm is in place, mounted correctly and rotate freely.
- Ensure knock-to-pause module is fitted securely and operating correctly.

### Plumbing

- Ensure any knock-outs 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 high loop.
- Ensure inlet hose has supplied rubber washer fitted, and that it's tightened.
- If connecting the drain hose to the sink trap, ensure the high loop is a minimum 150mm higher than the drain hose joiner.
- Water softener models: adjust the water softener setting from the default setting to suit the water hardness of the area. Refer to your user guide.
- Ensure water supply is turned off until power is connected and turned on. The Dishwasher must be powered on for the flood protection feature to be enabled.

### Electrical

- Ensure all electrical tests have been conducted in accordance with local regulations.

### Test operation

- 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 control panel.
- Add three cups of water into the drawer.
- Navigate to RINSE and start the program.
- Check the knock-to-pause function
- Repeat for the other drawer.
- After the Rinse cycle has finished, ensure the dishwasher has run and drained correctly.
- Check the water supply has been shut off correctly.
- Check drainage connections for leaks.
- If site is left without power after installation is complete, ensure water supply is turned off to prevent flooding.**

## INSTALLER CHECKLIST

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Complete and keep for safe reference:

Model	<hr/>
Serial no.	<hr/>
Purchase date	<hr/>
Purchaser	<hr/>
Dealer address	<hr/>
Installer's name	<hr/>
Installer's signature	<hr/>
Installation company	<hr/>
Installation date	<hr/>

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

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

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

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