FISHER & PAYKEL

DOUBLE DISHDRAWER™ DISHWASHER

INTEGRATED

DD60DHI9

INSTALLATION GUIDE

TW

A WARNING!

Electric Shock Hazard

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

- Fitting an integrated panel requires access to electrical service areas. This must be performed by a Fisher & Paykel trained and supported service technician or qualified person.
- Before fitting the front panel, the dishwasher must be disconnected from the power supply.
- After installing the front panel, the installer must ensure that the following components are electrically earthed: the panel bracket and any custom metal component (e.g. handle) that extends past the rubber seal.
- This appliance must be earthed. In the event of a malfunction or breakdown, earthing 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 equipmentearthing conductor and an earthing plug.
- Before installing the DishDrawer™ Dishwasher, remove the house fuse or open the circuit breaker.
- The plug must be plugged into an appropriate outlet that is installed and earthed in accordance with all local codes and ordinances.
- 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.
- The dishwasher must be completely enclosed at the time of installation.

▲ WARNING!



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



 WARNING - Improper connection of the equipment-earthing 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 earthed.

A WARNING!



Cut Hazard

Failure to use caution could result in injury.

• Take care-panel edges are sharp.

A WARNING!

Tip Hazard



Failure to follow this advice may result in injury or product damage.

- Take care when removing product from packaging.
- If drawers are pulled open while product is not secured to cabinetry, product may tip.



WARNING!

To reduce the risk of fire, injury to persons or damage when using the appliance, follow the important safety instructions listed below. Read all the guidance before using the appliance.

Servicing

 Do not repair or replace any part of the appliance unless specifically recommended in this guide. All other servicing should be undertaken be a Fisher & Paykel trained and supported service technician or qualified person.

Installation

- 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.
- · This dishwasher is manufactured for indoor use only.
- 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.
- Ensure the dishwasher is placed between cabinetry. 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 earthed. In the event of a malfunction or breakdown, earthing 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-earthing conductor and a
 earthing plug. The plug must be plugged into an appropriate outlet that is installed and
 earthed in accordance with all local codes and ordinances.
- EARTHING INSTRUCTIONS This appliance must be connected to a earthed metal, permanent wiring system, or an equipment-earthing conductor must be run with the circuit conductors and connected to the equipment-earthing terminal or lead on the appliance.

- · Ensure the product is not plugged in when fitting custom panels.
- 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.
- · 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 and electricity regulations.
- At the completion of the dishwasher installation, the Installer must perform the Final Checklist.
- · Remove all packaging materials supplied with the dishwasher.
- 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

The models shown in this installation 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 go to our website www.fisherpaykel.com or contact your local Fisher & Paykel dealer.

PARTS SUPPLIED

- · Keep all packing materials until the unit has been inspected.
- Inspect the product to ensure there is no shipping damage. If any damage is detected contact the dealer or retailer you bought the product from to report the damage.
- Fisher & Paykel is not responsible for shipping damage.

Supplied



Side mounting bracket kits (2)*



Top mounting bracket kit (1)*



Moisture protection tape (1)



16mm Phillips screws (32)



Inlet hose rubber washer (1)**



Drain hose support (1)



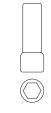
Drain hose joiner (1)



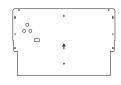
Wire clip (2)



Clamp (1)



Hex socket (2)



Panel bracket kits (2)**



Prefinished toe kick (1)







Toe kick cutting template*** (1)

Toe kick mounting bracket

Toe kick screws (5)

*Optional | **Comes fitted to the product | ***templates can also be downloaded from fisherpaykel.com

TOOLS REQUIRED

Not supplied



Flat-blade screwdriver



Powered driver



Box cutter



Pencil



Level



Pliers



Phillips screwdriver

INSTALL VIDEO

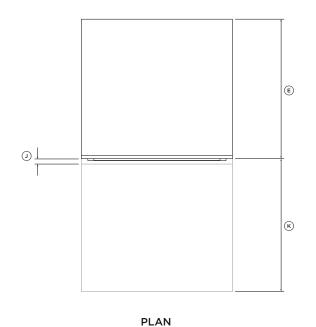
This video provides an overview of what is needed to install a DishDrawer™ Dishwasher. It is intended as an overview only of the installation process and is not intended to be used as a standalone guide on how to install a DishDrawer™ Dishwasher yourself. Installation should be undertaken by a Fisher & Paykel trained and supported service technician or qualified person.

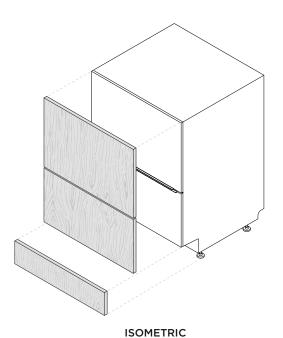


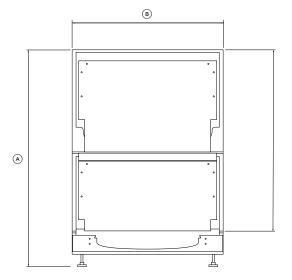
To access installation videos

Scan the QR code with your smartphone or watch online at: fisherpaykel.com/dishdrawer-install

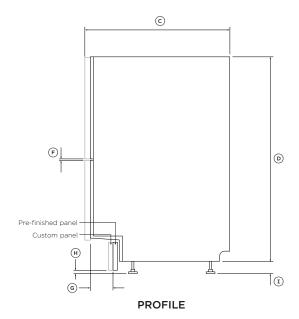
PRODUCT DIMENSIONS







FRONT



PRODUCT DIMENSIONS	ММ
Overall height*	820-880
Overall width**	599
© Overall depth***	571
Height of chassis	811
Depth of chassis	553
© Ventilation gap between door panels	8
© Depth of toe kick recess**	
Custom panel installation	40-100
Pre-finished panel installation****	20 - 36
Minimum clearance between toe kick panel and floor	12
① Height of feet*	9-69
Door panel depth****	16-20
Depth of drawer opening**	527

^{*}depending on adjustment of levelling feet

^{**}excluding custom panel and handle

^{***}based on front panel thickness of 18mm

^{****}refer to Custom panel dimensions for more information

^{*****}measured to front of pre-finished toe kick when fitted

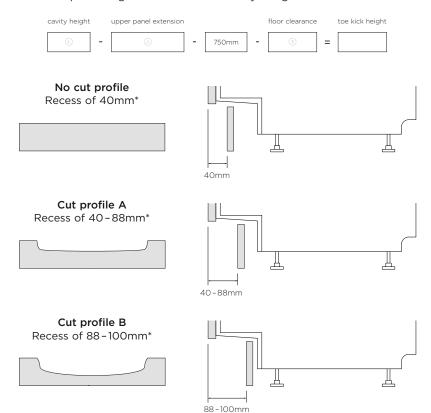
CUSTOM PANEL DIMENSIONS

Material specifications

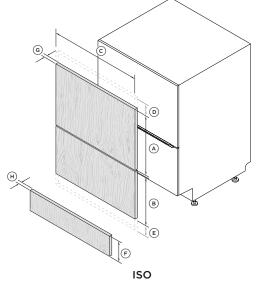
- Maximum weight of door panels must not exceed 9kg (including handle)
- The panel should be adequately sealed to withstand moisture (50°C @ 80% RH). The back and sides of the panel should be completely sealed with a waterproof vapour barrier, such as polyurethane, to prevent damage.
- The back of the panel should be completely flush so that the seal between the panel and the rubber trim is maintained. The door panel should not rest on the surrounding cabinetry.
- Installation outside these specifications may result in condensation on cabinetry surfaces.

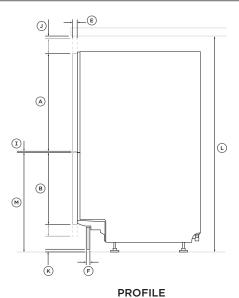
Toe kick profile

- Depending on the desired toe kick recess depth, the toe kick panel may need to be cut to clear the underside of the tub.
- A cutting template has been supplied with your DishDrawer and digital templates can be downloaded from fisherpaykel.com. For guidance on using the provided template, refer to 'prepare custom toe kick panel'.
- Toe kick panel height can be determined by using the below:









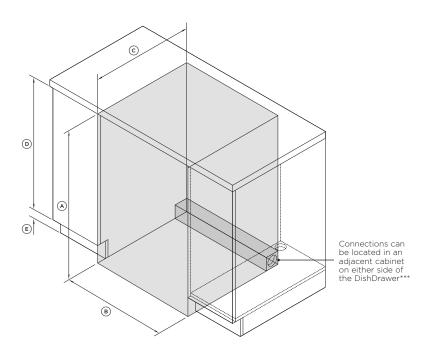
CUSTOM PANEL CONSIDERATIONS	MM
Minimum upper door panel height*	398
® Minimum lower door panel height*	311
© Minimum door panel width	596
Maximum extension of upper panel	-
© Maximum extension of lower panel	50
© Toe kick panel height*	58-118
Door panel depth	16-20
Minimum toe kick panel depth**	9
① Minimum clearance between door panels	8
Minimum clearance between top of door panel and countertop	2
Minimum clearance between toe kick panel and floor	12
© Minimum inside cavity height	820
→ Minimum height from floor to top of bottom drawer panel***	414
Maximum weight of each drawer panel (including handle)	

^{*}the top door panel may be extended up, or the bottom panel down from the fixed gap. Toe kick panel should be adjusted accordingly.

^{**}if using supplied toe kick mounting screws. Panel can be fixed via screwing or gluing to the supplied mounting bracket.

^{***}depending on adjustment of levelling feet

DIMENSIONS

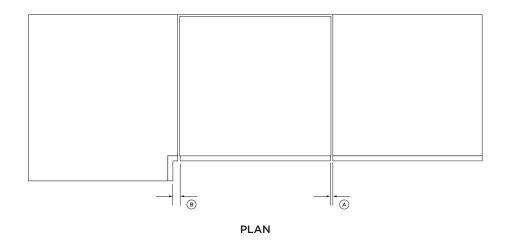


ISOMETRIC

CABINETRY DIMENSIONS	ММ
Minimum inside height*	820
Inside width	600-610
© Minimum overall depth**	579
Recommended height of adjacent cabinetry	720
Height of toe kick area***	100-160

^{*}depending on adjustment of levelling feet

CLEARANCES



CABINETRY CLEARANCES	ММ
Minimum clearance to adjacent cupboard door	2
Minimum clearance to corner cupboard	13

^{**}including 19mm door panels on adjacent cabinetry

^{***}For more information on service requirements, refer to 'Plumbing & electrical considerations' and 'Cabinetry preparation'.

Hose and cord lengths

- Your services can be installed to **either** the left-hand or right-hand side of the product in an adjacent cabinet. Refer to **Preparation** for service access requirements.
- If the drain hoses supplied are not long enough to reach your services, you may purchase a Fisher & Paykel drain hose extension kit which will extend the drain hoses by 3.6m (part number 525798).

Water connection

- Recommended water temperature: Cold (maximum 60°C)
- 3/4" BSP (GB20) to suit flat washer
- Ensure water connection complies with local plumbing regulations.

Water pressure

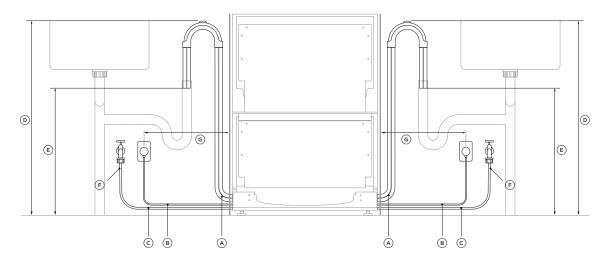
- Water softener models: max. 1 MPa (145 psi), min. 0.1 MPa (14.5 psi)
- Non-water softener models: max. 1 MPa (145 psi), min. 0.03 MPa (4.3 psi)

Electrical requirements

• 110 - 120V min 15A

Kosher requirements

- Drains will need to be separated to satisfy kosher requirements.
- We recommend confirming the acceptability with your local rabbi in respect to kosher installations.



SERVICE DIMENSION	LEFT SIDE*	RIGHT SIDE*
SERVICE DIMENSION	ММ	ММ
Length of drain hoses	2000	1800
B Length of power cord**	1650	1650
© Length of inlet hose	1650	1250
Distance from floor to top of hose support	750-883	750-883
Minimum distance from floor to end of drain hoses***	500	500
© Minimum inlet hose radius	200	200
Maximum distance from cabinetry centre of electrical outlet	450	450
-		

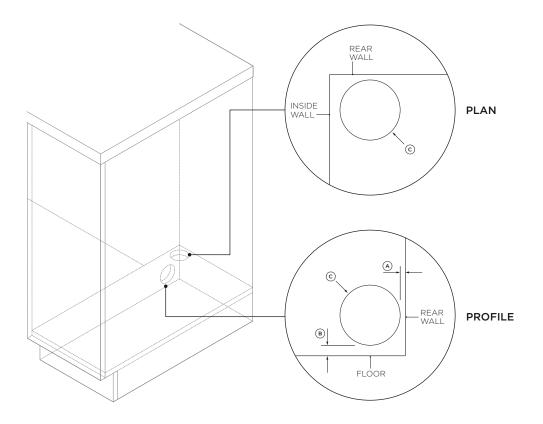
^{*}dimensions taken from the chassis edge where applicable

^{*}excluding plug

^{***}standpipe install illustrated. Distance is the same for all plumbing installs.

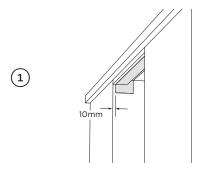
SERVICE ACCESS

- We recommend locating the service holes on either side of the DishDrawer™ Dishwasher as shown below.
- If the holes are created through wood, ensure the edges are smooth and rounded
- If the holes are created through metal, ensure an edge protector is fitted.



SERVICE HOLE DIMENSIONS	ММ
Maximum distance between rear of cavity and service hole	5
Maximum distance between floor and service hole	10
© Minimum diameter of service hole	57

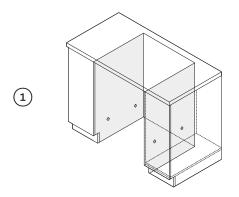
MOISTURE PROTECTION



Align the supplied moisture protection tape to the cabinetry as illustrated

Ensure this area is free of debris before carefully applying the tape to the surface.

SIDE PARTITION



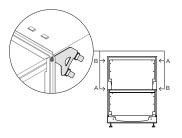
If securing via the drawer removal method, ensure the marked locations provide adequate support.

If there are no side partitions, construct timber bracing to secure the fixings to.

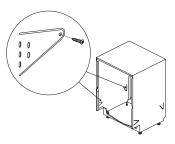
SELECT CABINETRY SECURING METHOD

METHOD A Secure to cabinetry via brackets

Recommended method*

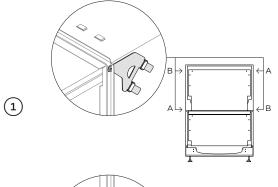


METHOD B Secure via drawer removal



^{*}Frameless cabinetry only

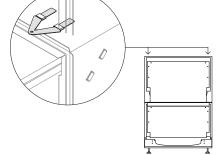
FIT CUSTOM DOOR PANELS



If securing to cabinetry via method A

Secure all four side brackets to the DishDrawer™ Dishwasher, aligning bracket A with slot A and bracket B with slot B.

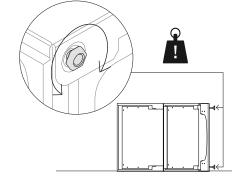
Ensure the ends of the brackets are not pushed into the chassis.



Optionally, fit the two top brackets.

Ensure the ends of the brackets are not pushed into the chassis.

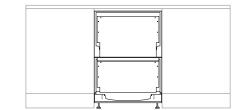
Loosen each foot by 1/2 a turn by lightly tilting the product and rotating each leg anticlockwise.



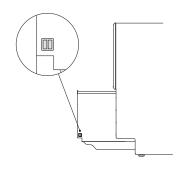
Level the DishDrawer™ Dishwasher by carefully tipping it onto protected surface.

Rotate each leg anticlockwise to increase the height, and clockwise to decrease. Stand upright when complete.

Minor adjustments can be made by lightly tilting the product and rotating each leg as desired.



Push the product into the cavity, pulling the hoses through as you push to avoid crushing or twisting them and taking care not to bend the legs.

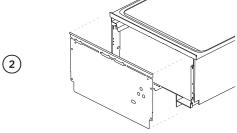


(1)

(3)

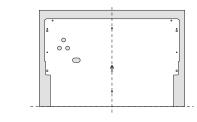
(4)

Remove both side pins from each drawer by pulling the pins out towards you.

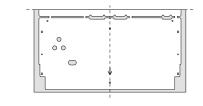


Carefully pull both brackets from DishDrawer™ Dishwasher down and out before unplugging the Knock-to-Pause modules and earth wires.

Remove the Knock-to-Pause modules from the back of the brackets.



On the back of the upper panel, mark the centre and align the base of the upper bracket with the base of the panel. Secure using a minimum of 3 screws on either side.



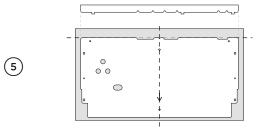
On the back of the lower panel, mark the centre and align the top of the upper bracket with the top of the panel. Secure using a minimum of 3 screws on either side.

(3)

(2)

FIT CUSTOM DOOR PANELS

(10)

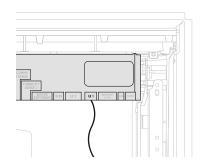


Snap the bracket tab to remove.



Attach the Knock-to-Pause module to the panels as shown.

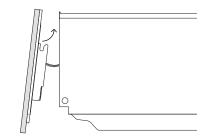
Ensure the Knock-to-Pause modules are oriented correctly and are not in contact with the brackets before securing.



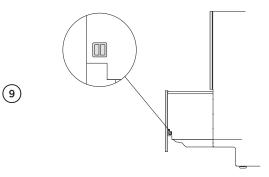
Electric shock hazard:

To earth the panel bracket, connect the earth wire from the product to one of the tabs. Any custom metal components (e.g. handle) that extend past the rubber seal must be earthed also.

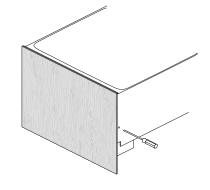
Reconnect the Knock-to-Pause module to the UI 1 slot on the wash controller as shown. Reconnect the earth wire to the panel bracket.



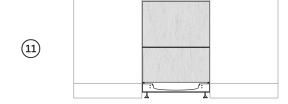
Carefully fit the panels onto the product. When refitting the lower panel, we recommend pushing back the drawer slides as shown on page 13 for access.



Re-insert the side pins on both drawers and push firmly to secure panels in place.



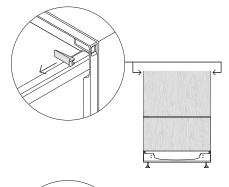
Insert a Phillips screwdriver into the hole above each side pin and rotate to adjust the panel alignment. There is a maximum travel distance of ± 2mm. Repeat for both sides and drawers if required.



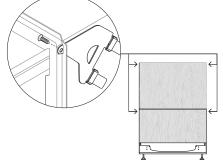
Re-check clearances.

Ensure the minimum clearance gap of 8mm between panels is maintained after all adjustments have been made.

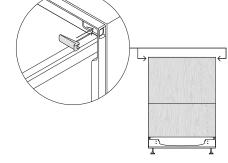
SECURE TO CABINETRY VIA DRAWER REMOVAL (METHOD B)



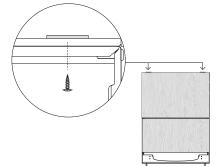
Partially open one of the drawers and remove the first screw cover from the trim moulding.



Secure to cabinetry via the brackets. Pre-drilling a pilot hole may be required depending on the cabinetry material.

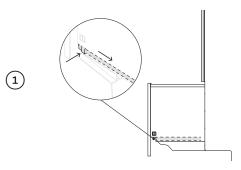


Replace the trim cover and repeat for the remaining brackets.

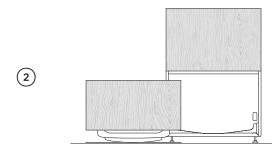


(4)

If fitted, secure the two top brackets to the cabinetry.

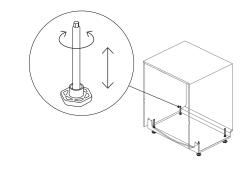


Open the lower drawer and press both locking tabs back to release.



Lift the drawer off the runners and carefully set aside on a protected surface. Push runners back in.

Take care not to pull drawer out too far to prevent any strain on the hoses. Where possible, protect the base of the tub to prevent damage.

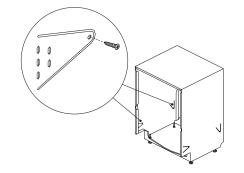


(3)

(4)

Using your hand or the supplied hex socket and a screwdriver, level the DishDrawer™ Dishwasher as required. Rotate clockwise to increase the height of each leg and anticlockwise to lower.

It can help to reduce the loading on the feet to assist the adjustment process.

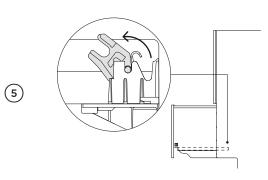


Secure to cabinetry via all four fixing locations in the chassis.

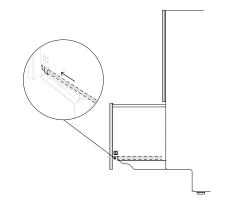
Ensure sound insulation is replaced correctly.

If fitted, secure the two top brackets to the cabinetry.

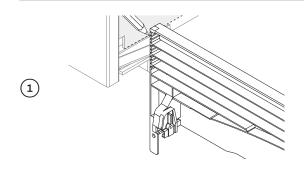
INSTALL PREFINISHED TOE KICK



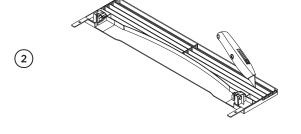
Before refitting the drawers, ensure the hoses are not twisted and all latches are facing forward.



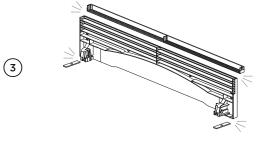
Refit the drawer to the runners and clip into place via both locking tabs.



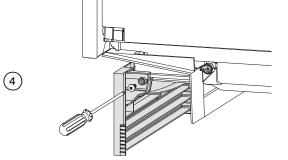
Measure toe kick height. Where the toe kick meets the bottom of the tub is the recommended cut-off point.



Carefully score toe kick at desired height



Snap excess + smooth edges. Snap both end tabs.



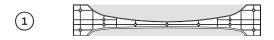
Slide toe kick onto the mounting rails and secure

Do not over tighten the screws.

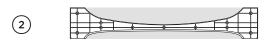
PREPARE THE CUSTOM TOE KICK PANEL

INSTALL CUSTOM TOE KICK

If the depth of your toe kick recess is greater than 40mm, the toe kick panel may need to be cut to one of the predetermined profiles to clear the underside of the tub. Refer to 'custom panel dimensions' for more information on determining which profile is suited to your install.



Align the desired cut profile to the top of the toe kick panel and centre horizontally.



Secure the template to the panel by clamping or using the supplied mounting screws.

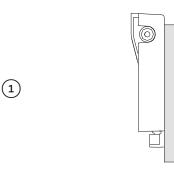


Carefully cut or router the panel to the desired profile using the cutting template as a guide.



Carefully remove the cutting template and set aside the mounting screws*. Discard cutting template responsibly.

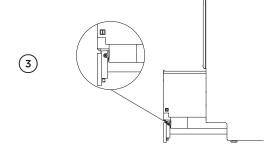
Ensure all panel edges are sealed to withstand moisture (50°C @ 80% RH).



Align the mounting bracket to the panel ensuring it is horizontally centred and the ribs at the top of the template align with the top of the panel.



Secure the mounting bracket to the panel using the supplied mounting screws.



Slide toe kick onto the mounting rails and secure

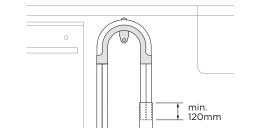
Do not over tighten the screws.

(3)

......Ø38MM STANDPIPE INSTALLATION

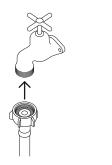


Install the drain hose support to the back wall, as close to the underside of the countertop as possible. Refer to **Plumbing & electrical considerations** for minimum install heights.



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

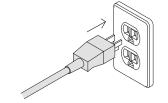
Ensure the drain hose does not extend into water retained in the trap; an air gap is required to prevent waste water from siphoning back into the tub.



Ensure the supplied rubber washer is fitted to the coupling before connecting the inlet hose to tap. Hand-tighten into place.

Using a spanner or pliers, turn a further 180° to secure. Avoiding over-tightening.

Do not turn water supply on. The DishDrawer™ Dishwasher must be powered on for the flood protection feature to be enabled.

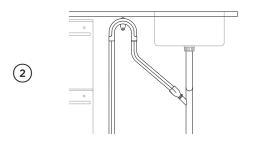


Plug product in.

SINK TRAP/WASTE TEE INSTALLATION



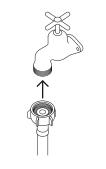
Install the drain hose support to the back wall, as close to the underside of the countertop as possible. Refer to **Plumbing & electrical considerations** for minimum install heights.



Pull both hoses through the drain hose support before threading the wire clips on to the hoses and fitting to the supplied hose joiner. Secure using the wire clips.

Ensure hose is routed straight to the joiner, removing excess drain hose if necessary. Do not shorten the inlet hose.

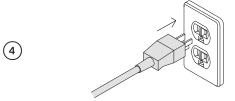
Unplug or drill out the waste tee before securing joiner to sink trap or waste tee.



Ensure the supplied rubber washer is fitted to the coupling before connecting the inlet hose to tap. Hand-tighten into place.

Using a spanner or pliers, turn a further 180° to secure. Avoiding over-tightening.

Do not turn water supply on. The DishDrawer™ Dishwasher must be powered on for the flood protection feature to be enabled.



Plug product in.



INSTALLER CHECKLIST

TO BE COMPLETED BY THE INSTALLER

Instal	lation
	Check all parts are installed correctly and are secure.
	Ensure all clearance gaps have been maintained.
	Ensure DishDrawer™ Dishwasher is securely fastened to the cabinetry and drawer opens and closes freely with no resistance.
	Ensure panel is fitted correctly to the DishDrawer™ Dishwasher
	Ensure any packaging or tape securing the racks and spray arm is removed.
	Check the spray arm is in place, mounted correctly and rotates freely.
	Ensure knock-to-pause module is fitted securely and operating correctly.
Pluml	ping
	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 highloop.
	Ensure inlet hose has supplied rubber washer fitted, and that it's tightened.
	If connecting the drain hose to the sink trap, ensure the highloop 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 DishDrawer™ Dishwasher must be powered on for the flood protection feature to be enabled.

Elect	ectrical		
	Ensure all electrical tests have been conducted in accordance with local regulations.		
Test	pperation		
	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.		
	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.		

TROUBLESHOOTING

DISPLAY	POSSIBLE CAUSE	WHAT TO DO		
Fast Delicate Rinse	A1: Water Supply fault.	 Ensure the water supply is turned on. Press \(\bar{\rm } \) once to stop the begging. 		
	-	② Press ▶ once to stop the beeping, then again to clear the fault.		
RINSE + all modifiers		③ Press ▶ to resume the wash program.		
Fast Delicate Rinse	A3: Drawer cannot drain. The drainage hose may be	① Ensure the drainage hose and connection to pipes are not blocked.		
DELICATE, RINSE + all modifiers	blocked or kinked, or the connection to drainage pipe may be blocked.	② Press ▶ once to stop the beeping, then again to clear the fault.		
		③ Press ▶ to resume the wash program.		
** * * * * * * * * * * * * * * * * * *	A6: The spray arm has loosened or come off	① Open the drawer and check the spray arm.		
FAST, DELICATE + all modifiers	its mounting, or water pressure is too low, or a combination of low water pressure and excessive foaming.	② If the spray arm has loosened or come off its mounting, re-fit it. Check that it is firmly seated and turns freely. Refer to 'Maintenance' in your user guide.		
		③ Press ▶ once to stop the beeping, then again to clear the fault.		
		④ Press ▶ to resume the wash program.		

No program indicator lights up when the drawer is opened

- Ensure power is connected and is switched on.
- AUTO POWER-ON may need to be activated. Refer to your user guide for details.

Drawer doesn't close properly

• Ensure nothing is obstructing the drawer from closing such as hoses or drawer latches.

Water appears around water supply and drain connections

- Check hoses, connections and existing plumbing for leaks.
- Check rubber washer and hose clamp are correctly fitted.

Product is tipping

• Ensure the product is secured to the cabinetry.

Front panels are misaligned to surrounding cabinetry

• Check the cabinetry is square. Check and relevel product. Unscrew the product from the cabinetry. Re-adjust door panels using the door adjustment screws. Adjust the feet to level the product, then re-secure to the cabinetry.

If a problem occurs that is not listed, refer to your user guide for additional troubleshooting If after checking these points, you still need assistance, please refer to the Service & Warranty book for warranty details or contact us through our website fisherpaykel.com

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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.