Fisher&Paykel

DishDrawer®

USER GUIDE

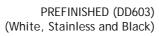
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As an ENERGY STAR® Partner, Fisher & Paykel Limited has determined that this meets the ENERGY STAR® guidelines for energy efficiency.

Installation Checklist pg 27

USER GUIDE PREFINISHED & INTEGRATED MODEL







INTEGRATED (DS603I)

INTRODUCTION

Thank you and congratulations for purchasing your Fisher & Paykel DishDrawer®. The DishDrawer®is unique and offers benefits no other dishwasher can. The DishDrawer®utilizes the efficiency and easy access of the everyday kitchen drawer, and turns it into the most advanced dishwasher in the world. This booklet will guide you through the operating instructions and features of your DishDrawer®. We recommend reading the User Guide thoroughly before you start using your DishDrawer®, for the sake of safety as well as success.





The drawers of the <code>DishDrawer</code> are totally independent of each other. The <code>DishDrawer</code> offers an interchangeable and easy to remove rack system, to suit your daily needs and each drawers designed to accommodate 12 large dinner plates up to 11.4 inches in diameter. The <code>DishDrawer</code> minimizes water and energy consumption, each drawer using half the water of a conventional dishwasher. Combining this with the precise markings inside the detergent dispenser, you will never use too much or too little detergent for each program allowing you to be guilt-free when washing even the smallest load. The double <code>DishDrawer</code> can even provide extra kitchen storage, use dishes from one drawer and then load them back into the other when dirty.





OPERATING INSTRUCTIONS - PREFINISHED MODEL

If you have a double DishDrawer*, each drawer has its own control panel and can run independently of the other.

Load Dishes Remove all food scraps and load the dishes.

Add Detergent & Rinse Agent



Press the POWER Button
Press the POWER button to turn the DishDrawer®on or off. Opening the DishDrawer®will automatically power up for 30 seconds. To end the wash program in mid cycle, press the POWER button. Any water in the DishDrawer®will be pumped out.

ELECTRONIC DISPLAY

The Electronic Display shows progress through a wash program and time remaining. When the wash program has started, the Electronic Display will countdown in one minute increments.

Select Wash

ProgramPress the PROGRAM button to select the desired wash The DishDrawer®will remember the last program used.



ECO button (Optional)

Press the ECO button if you would like the wash program to use less energy and time.

The red Eco light will indicate the feature is on. If your dishes are heavily soiled or you have the performance, we do not recommend ECO programs. require enhanced dry performance, we do not recommend ECO programs.

PROGRESS OF THE WASH PROGRAM

As the wash program advances through the cycle, the following symbols will be highlighted in the Electronic Display to indicate the progression.













DIRTY

PRE RINSE

POST RINSE

DRYING

CL FAN

6

Check

Ensure the drain filter is flush with filter plate and the spray arm can rotate about the center easily.



Start

Close the DishDrawer®. Press the START/PAUSE button to initiate the wash program. This button also functions as the Delay Start.

To pause the DishDrawer°during its wash cycle, press the START/PAUSE button and wait for three beeps before opening. Restart by pressing the START/PAUSE button. Forcing the drawer open while in mid cycle may cause damage or injury. LOCK BUTTON (optional)

The Lock button activates/deactivates the Keylock or the Childlock functions.

KEYLOCK

The Keylock function disables all the buttons on the DishDrawer®. To activate, press and hold the LOCK button until you hear one beep (3 seconds).

CHILDLOCK

The Childlock feature locks the DishDrawer®and disables all the buttons. To activate, press and hold the LOCK button until you hear two beeps (5 seconds).

To cancel Keylock or Childlock, press and hold the LOCK button until you hear one beep and the Lock symbol disappears from the electronic display.

DELAY START MODE (optional) The start of the wash program can be delayed from 1 to 12 hours.

To activate Delay Start

1. Press and hold the START/PAUSE button until the delay symbol appears on the Electronic Display.

2. Continue holding the START/PAUSE button until the desired delay time has been reached.

3. The DishDrawer®will start once the delay time has elapsed.



To cancel Delay Start, press the POWER button or hold the START/PAUSE button until the "delay" symbol disappears.

Finish

The DishDrawer will beep six times to indicate the end of the wash program. At the end of the wash program the drying fan will continue to run for a set time or until the drawer is opened. The fan assists with drying and uses negligible amounts of energy. It is normal for some water to remain in the drain filter area after the wash program is complete.

NOTE

If the DishDrawer® is operating and a power outage occurs, it will stop. The DishDrawer® may be unable to be opened during this time. When the power supply is resumed, the DishDrawer will restart in the same part of the wash program.

OPERATING INSTRUCTIONS - INTEGRATED MODEL

If you have a double ${\bf DishDrawer}^\circ,$ each drawer has its own control panel and can run independently of the other.

Load Dishes

Remove all food scraps and load the dishes.

Add Detergent & Rinse Agent



Press the POWER Button

Press the POWER button to turn the DishDrawer® on or off. Opening the DishDrawer® will automatically power up for 30 seconds. To end the wash program in mid cycle, press the POWER button. Any water in the DishDrawer® will be pumped out.

Select Wash

ProgramPress the
PROGRAM button to select the desired wash. The DishDrawer® will remember the last program used.



ECO button (Optional)
Press the ECO button if you would like the wash program to use less energy and time. The red Eco light will indicate the feature is on. If your dishes are heavily soiled or you require enhanced dry performance, we do not recommend ECO programs.

6

Ensure the drain filter is flush with filter plate and the spray arm can rotate about the center easily.



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To cancel Keylock or Childlock, press and hold the LOCK button until the green light above the LOCK button disappears.

Start

Close the DishDrawer®. Press the START/PAUSE button to initiate the wash program . This button also functions as the Delay Start.

Pause

To pause the DishDrawer°during its wash cycle, press the START/PAUSE button and wait for three beeps before opening. Restart by pressing the START/PAUSE button. Forcing the drawer open while in mid cycle may cause damage or injury.

DELAY START MODE (optional) The start of the wash program can be delayed from 1 to 12 hours.

To activate Delay Start

1. Press and hold the START/PAUSE button until the light above the START/PAUSE button turns orange.

2. The DishDrawer® will emit a 'beep' as you hold down the START/PAUSE button, each 'beep' indicates another hours delay. Continue holding the START/PAUSE button until the desired delay time has been reached. delay time has been reached.
3. The DishDrawer[®] will start once the delay time has elapsed.

To cancel Delay Start, press the POWER button or hold the START/PAUSE button until the light turns green.

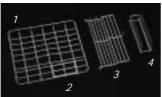
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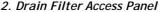
ACCESSORIES

The inserts and racks can be added or removed to suit your individual needs. If you have the double model DishDrawer®, some of the accessories are interchangeable between the two drawers. For example you can combine the two Mega Racks into one drawer and wash all cups and glasses, leaving the other drawer for plates and larger items.



1. Basket

The basket holds some of the accessories in place and keeps the dishes above the spray arm. Without the inserts, large bowls and pots can be placed flat.



The drain filter access panel is designed to snap onto the basket over the drain filter. This prevents objects from touching the base of the DishDrawer®and stopping the rotation of the spray arm, while still giving access to the drain filter.



3. Mega Rack
The Mega rack is designed to hold glasses, cups and small plates.

4. Plate Insert

The plate insert supports plates and bowls.



How to install the Mega Rack
To install the Mega rack, place the outer legs of
the rack on top of the basket, and clip the Mega
rack to the side of the basket. When the Mega rack is correctly installed it should not feel loose in the



Cup Racks

Cups, glasses and kitchen utensils can be placed on the left and right hand side of the cup racks. For best performance ensure there are no large items below, blocking the wash water from reaching the cup racks. Wine glasses can be supported on the cup racks if used in conjunction with the Mega Rack. There are stops on the cup rack to prevent cups from touching the DishDrawer wall. Keeping cups away from the wall will help with the dry and wash performance.

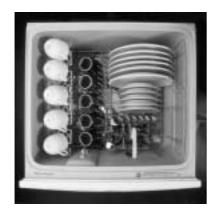


Cutlery Basket

Cutlery, small kitchen utensils and some plastic lids are best placed into the cutlery basket. For best wash performance, we recommend loading cutlery with handles pointing down and sharp utensils with their handles facing up, to reduce the risk of injury. 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. Use the oval slots (spoon rack) for spoons and teaspoons. Small items, like plastic lids, can be placed under the spoon rack, this will prevent them from being displaced by wash water and falling to the bottom, where they may stop the spray arm rotation.

The wash water for the DishDrawer comes from the spray arm which is situated at the base of the **DishDrawer**. The spray arm rotates, providing wash water to all areas of the **DishDrawer** so care needs to be taken when loading the **DishDrawer**. Ensure that there is sufficient space and room for the water to reach all areas particularly the cup racks. If there are any items blocking the spray arm path or wash water, then the performance will be ineffective.

HOW TO LOAD YOUR DishDrawer®







Please note that the DishDrawer®basket and its inserts are not designed to be lifted out of the DishDrawer® while loaded with dishes.

HOW NOT TO LOAD YOUR DishDrawer®

The DishDrawer® is overcrowded and wash water will not reach some of the dinnerware.

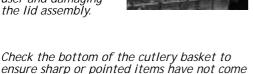
Cups, glasses and bowls must have their openings facing downwards.











through as they may stop spray arm rotation.







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 cutlery has not fallen through and stopped the spray arm from rotating.

The large bowl is blocking wash water reaching the cup racks.

Large utensils should be on cup racks so they do not become dislodged and stop the spray arm from rotating.

Ensure dishware items are not forced into the DishDrawer® as it may prevent the lid from properly sealing which could result in a service call.

DETERGENT DISPENSER

The detergent and rinse agent dispenser is located on the inside of the <code>DishDrawer</code>*. The detergent dispenser has two compartments, the pre wash and main wash compartment. The pre wash and main wash compartments both have markings on the inside. The pre wash compartment has one marking which represents 1tsp, when it is full, it holds 2tsp. The main wash compartment has two markings, the lowest mark indicates 2tsp, the middle mark 4tsp and when full it contains 6tsp. The detergent dispenser is designed for use with powdered detergent. Liquid and tablet detergents are not suitable to be used in the <code>DishDrawer</code>*.

FILLING THE DETERGENT DISPENSER

- 1. Press the latch down and the door will open.
- 2. Pour in detergent. No detergent is needed for the Rinse program
- 3. After filling the compartment(s), close the dispenser door until it clicks shut. The detergent will automatically be released into the <code>DishDrawer</code> during the wash program.

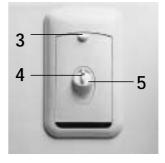
IMPORTANT - Only use powdered detergent recommended for domestic automatic dishwashers. Hand washing liquids, soap, laundry detergents or disinfectants will damage the DishDrawer®. Never sprinkle or pour detergent directly onto any item in the DishDrawer®.

WARNING - Dishwasher detergents are strongly alkaline. They can be dangerous if swallowed. Avoid contact with skin and eyes. Keep children and infirm person(s) away from the DishDrawer® when the drawer is open.



Open Detergent Dispenser

- 1. Pre Wash Compartment
- 2. Main Wash Compartment
- 3. Detergent Dispenser Latch
- 4. Rinse Agent Indicator Light
- 5. Rinse Agent Plug



Closed Detergent & Rinse Agent Dispenser

DETERGENT QUANTITIES

The detergent quantities suggested below are for individual DishDrawer®.

WATER TYPE	WASH PROGRAM		T QUANTITIES *Main Wash (tsp)*
Hard >150ppm >9gpg	ALL**	2	6
Medium 80-150ppm 5-9gpg	ALL**	2	4
Soft	Heavy	1	3
<80ppm <5gpg	Normal	1	2
	Delicate		1
	Fast		1

^{*} tsp = teaspoon

^{**} No detergent is required in the pre wash compartment for the fast wash.

RINSE AGENT

DishDrawer®

We highly recommend the regular use of liquid rinse agent to give the best drying results. Rinse agent gives a streak free, sparkling clean look to glass and chinaware, in addition prevents metal from tarnishing. The rinse agent dispenser is on the inside of the drawer, located underneath the detergent dispenser. The dispenser holds approximately 1.7 fl.oz of rinse agent.

How Much Rinse Agent to Use

The regulator may need adjusting to suit your water conditions. The lowest setting is '1' and the highest is '5'. Refer to Option Adjustment Mode section to adjust the rinse agent 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.

Rinse Agent Indicator Light

If the rinse agent indicator light is red, refill the dispenser. If the rinse agent indicator light is black, there is enough rinse agent for the wash.



FILLING THE RINSE AGENT DISPENSER

- 1. Turn the plug counter-clockwise and remove.
- 2. Pour the rinse agent into the circular opening.
- 3. Take care to avoid spilling rinse agent into the **DishDrawer**. Any spillages must be wiped up to prevent excess foaming. Failure to wipe rinse agent spillages may result in a service call which will not be covered by warranty.
- 4. Fit the plug back into the original position.

HARD WATER SITUATIONS

If you live in a hard water situation, we recommend the installation of a water softener to improve the water quality, detergent effectiveness and prevent the build up of calcium deposits on dishes and in the **DishDrawer**.

Certain brands of dishwasher detergent contain varying quantities of phosphates, which help soften water. We suggest you use a detergent with high phosphate content to improve the wash. The detergent compartments need to be completely FULL and rinse agent is used with its setting fixed at 5.

We recommend the use of a dishwasher cleaner/descaler whenever you notice a build up of calcium deposits in your **DishDrawer**°.

After you have used the dishwasher cleaner/descaler you must run another wash program with detergent to prevent damage to the DishDrawer®.

SOFT WATER SITUATIONS

It is very important that if you are in a natural soft water supply or your water is softened you do not use too much detergent in your <code>DishDrawer</code>°, as it may cause irreversible etching. In a dishwasher, softened water is more aggressive on glassware than natural soft water so care needs to be taken with quantities of detergent used.

Etching is a chemical deterioration that occurs on the surface of glassware when it is subjected to high temperatures, too much detergent and/or soft water situations. Etching is caused by a combination of very hot water, which causes the detergent to be come very aggressive, but because the water is soft, there are no water hardness mineral ions for the detergent to bind to, so it extracts mineral ions directly from the glass.

Etching initially looks like rainbow coloured film, as the glass is subjected to further washing the surface will eventually appear opaque. This type of etching is irreversible.

To prevent etching from occurring on glassware use less detergent (follow the recommended detergent quantities in the User Guide for soft water situations), and ensure the dishwasher is not overloaded, so water can reach all the dishes during the wash.

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WASH PROGRAMS

STANDARD PROGRAM When to Use	HEAVY Heavily soiled pots, pans & dishes	NORMAL Dishes with normal soils for optimum wash & dry performance	FAST Lightly soiled dishes	DELICATE Lightly soiled & heat sensitive crockery	RINSE To prevent soil drying on dishes & odors
Program Description	Pre Wash 1 Pre Wash 2 Pre Wash 3	Pre Wash 1 Pre Wash 2	Pre Wash	Pre Wash	Pre Wash
	Main Wash 150°F	Main Wash 140°F	Main Wash 115°F	Main Wash 120°F	
	Post Rinse 1 Post Rinse 2	Post Rinse	Post Rinse	Post Rinse	
	Final Rinse 165°F Drying Phase	Final Rinse 150°F Drying Phase	Final Rinse 115°F	Final Rinse 130°F Drying Phase	

ECO PROGRAM When to Use	HEAVY Heavily soiled, everyday dishes	NORMAL Normal soiled dishes for optimum energy use	FAST Lightly soiled, non greasy dishes	DELICATE Non greasy, lightly soiled & heat sensitive crockery
Program Description	Pre Wash 1 Pre Wash 2 Main Wash 140°F Post Rinse 1 Post Rinse 2 Final Rinse 150°F Drying Phase	Pre Wash Main Wash 125°F Post Rinse Final Rinse 125°F Drying Phase	Main Wash 105°F Post Rinse Final Rinse 105°F	Post Rinse

NOTES

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 incoming water.

VACATION TIME

If the <code>DishDrawer</code> is not going to be used for some time, we recommend you ensure the baskets are empty. Leave the inside of the <code>DishDrawer</code> clean. Leave the drawers ajar to allow air to circulate. Turn off both the <code>power</code> and water supply to the <code>DishDrawer</code>.

CARING FOR YOUR DINNERWARE

DishDrawer®

The combination of high temperatures and dishwasher detergent may cause damage to some items if they are washed in the <code>DishDrawer</code>°. Remember, if in any doubt about any aspect concerning items washed in the <code>DishDrawer</code>°, follow the dishware manufacturer's instructions, or wash the item by hand.

CUTLERY & SILVERWARE

All 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, for example other cutlery. Mixing these items can cause staining. Remove silver cutlery from the DishDrawer 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.

PLASTIC

Some plastic may change shape or color 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 basket during the wash.

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 these items by hand.

GLUED ITEMS

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

GLASSWARE

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

HOW TO ENTER OPTION ADJUSTMENT MODE

After using the DishDrawer® you may want to change some of the preset options to suit your needs. The settings for Rinse Agent, Auto Power, End of Wash Program Beeps, Closed Drawer and Clean Dish Indicator options can be changed.

PREFINISHED & INTEGRATED

1. Press the POWER button to turn the DishDrawer®to the Normal Operating Mode.

2. Press and hold the ECO and then the LOCK buttons for 5 seconds.

When the buttons have been correctly pressed, one long beep is emitted.

3. Release the LOCK and ECO buttons. 4. Use the appropriate buttons on the control panel to make the necessary adjustments. These are explained below. 5. Once the changes have been made, press the POWER button to return to the Normal Operating Mode.
The DishDrawer will save these changes automatically.

HOW TO ADJUST THE RINSE AGENT SETTING

PREFINISHED

1. Enter the Option Adjustment Mode as explained previously. The letters "rA" will be shown on the Electronic Display.

2. The curren't rinse agent setting is shown on the wash program indicator in red lights. If four red lights are lit on the wash program indicator then the

rinse agent setting is at four.

3. Press the LOCK button to increase or decrease the rinse agent setting, the red lights will scroll up to 5 and then start from 1 again

4. Once you have selected the desired rinse agent setting, press the POWER button to return to the Normal Operating Mode.



FR) Electronic Display

HEAVY NORMAL FAST DELICATE RINSE

Example of Rinse Agent

INTEGRATED

1. Enter the Option Adjustment Mode as explained

The light above the START/PAUSE button is red to

indicate this setting has been chosen. 2. The current rinse agent setting is shown on the wash program indicator in red lights. If four red lights are lit on the wash program indicator then the rinse agent setting is at four. The options that are available are from 1 to 5.

Press the LOCK button to increase or decrease

the rinse agent setting, the red lights will scroll up to 5 and then start from 1 again
4. Once you have selected the desired rinse agent setting, press the POWER button to return to the Normal Operating Mode.

HEAVY NORMAL FAST DELICATE RINSE

Example of Rinse Agent set to '4'

HOW TO REMOVE THE AUTO POWER MODE (SABBATH OPTION)

When the DishDrawer® leaves the factory, it is programmed to automatically turn itself on whenever the drawer is opened. The DishDrawer® will not start washing until the drawer is closed and the START/PAUSE button has been pressed. If you do not want the DishDrawer® to turn itself on automatically, this feature can be turned off.

PREFINISHED

1. Enter the Option Adjustment Mode as

explained previously.
2. Press the START/PAUSE button until the letters "AP" appear on the Electronic Display.

3. Press the LOCK button to turn the Auto Power feature on or off. The brush symbol is not present on the Electronic Display when the Auto Power feature has been turned off.

4. Press the POWER button to return the Normal Operating Mode.

Electronic Display



₽ Auto Power On



RP Auto Power Off

1. Enter the Option Adjustment Mode as explained

2. Press the START/PAUSE button once. The light above the START/PAUSE button will be orange If the light is not orange, press the POWER button to return to the Normal Operating Mode and start

3. Press the LOCK button to turn the Auto Power feature on or off. If all the red lights on the wash program indicator are off then the Auto Power 'feature is off

4. Press the POWER button to return the Normal Operating Mode.



HEAVY NORMAL FAST DELICATE RINSE

Auto Power Off

HOW TO CHANGE THE END OF WASH PROGRAM BEEPS
The factory has programmed the DishDrawer® to beep six times at the end of the wash program. This feature can be turned off as desired.

PREFINISHED

- 1. Enter the Option Adjustment Mode as explained previously.
- 2. Press the START/PAUSE button until letters "EC" appear on the Electronic Display.

 3. Press the LOCK button to turn the End of Wash
- Program Beeps on or off as desired. The brush symbol is not present on the Electronic Display when the End of Wash Program Beeps have been turned off.

 4. Press the POWER button to return to the Normal
- Operating Mode.

Electronic Display



EE Beeps On



EE Beeps Off

INTEGRATED

- 1. Enter the Option Adjustment Mode as explained
- previously.

 2. Press the START/PAUSE button twice. The light above the START/PAUSE button will be green and the light above the LOCK button will be red. If it is not, press the POWER button and start again.
 3. Press the LOCK button to turn the End of Wash
- Program Beeps on or off. If all the red lights on the wash program indicator are off then the End of Wash
- Program Beeps are off. 4. Press the POWER button to return to the Normal Operating Mode.

HEAVY NORMAL FAST DELICATE RINSE

Beeps On

HEAVY NORMAL FAST DELICATE RINSE Beeps Off

HOW TO CHANGE THE CLOSED DRAWER OPTION
When the Closed Drawer Option has been selected it will keep the DishDrawer® locked at all times. When you wish to open the DishDrawer press the POWER button. When the DishDrawer is fully closed again, the lid will automatically come down after 30 seconds and lock the DishDrawer. NOTE: If the Lock feature is used in conjunction with the Closed Drawer Option, pressing the POWER button will not open the DishDrawer. The Lock feature must be turned off to enable the DishDrawer to be opened.

- 1. Enter the Option Adjustment Mode as explained previously.
- P. Press the START/PAUSE button until the letters "Ld" appears on the Electronic Display.
- 3. Press the LOCK button to turn the Closed Drawer Option on or off. The brush symbol indicates the Closed DishDrawer® option is selected.

 4. Press the POWER button to return to the Normal
- Operating Mode.

Electronic Display



Ld Closed Drawer On



Closed Drawer Off

INTEGRATED

- 1. Enter in the Option Adjustment Mode as explained
- 1. Enter in the Option Adjustment wode as exprained previously.
 2. Press the START/PAUSE button three times. The light above the START/PAUSE button and the LOCK button will be red. If the light is not red, press the POWER button to return to the Normal Operating Mode and start again.
 3. Press the LOCK button to turn the Closed Drawer feature on or off. If all the red lights on the wash program indicator are on then the Closed Drawer feature is on.
 4. Press the POWER button to return the Normal Operating
- Mode.

HEAVY NORMAL FAST DELICATE RINS

Closed Drawer On

Closed Drawer Off

HOW TO CHANGE THE CLEAN DISH INDICATOR

Examples of where this feature might be beneficial are when dishes have been left in the DishDrawer and you cannot remember if they have been washed or in situations where household members regularly remove a few clean dishes without emptying the remaining Drawer.

When the DishDrawer® leaves the factory it is programmed with the Clean Dish Indicator off. When the wash program has finished, the "End of Program" symbol will remain on until the DishDrawer® is opened. Once the DishDrawer® is opened, it will return to the Normal Operating Mode.

If the Clean Dish Indicator is chosen, the "End of Program" symbol will remain on to indicate the dishes are cleăn. When you have unloaded the clean dishes or putting in dirty dishes into the DishDrawer®, press the POWER button. The DishDrawer® will return to the Normal Operating Mode, this could be used to indicate that dirty dishes are in or can be loaded into the DishDrawer

NOTE: We do not recommend the Clean Dish Indicator be used in conjunction with the Closed Drawer Option.

PREFINISHED

- 1. Enter the Option Adjustment Mode as explained previously.
 2. Press the START/PAUSE button until letters "dS" appear on the Electronic Display.
 3. Press the LOCK button to turn the Clean Dish Indicator on or off. When the Clean Dish Indicator has been turned on, the brush symbol is present on the Electronic Display.
- symbol is present on the Electronic Display. 4. Press the POWER button to return to the Normal Operating Mode.

Electronic Display



₃ Clean Dish On



45) Clean Dish Off

INTEGRATED

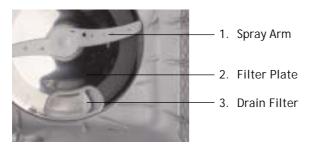
This Option is not available on the Integrated

USER MAINTENANCE INSTRUCTIONS

CLEANING THE DishDrawer®

The **DishDrawer** may need wiping down from time to time. We recommend a clean damp cloth.

Internal Parts of the DishDrawer®



CLEANING THE DRAIN FILTER, SPRAY ARM AND FILTER PLATE

We recommend the drain filter be cleaned whenever there is evidence of food particles. The filter plate is designed to be self cleaning, but food scraps may accumulate. The spray arm and filter plate may need cleaning about once a month in normal use or more often, should the need arise.

CLEANING THE DRAIN FILTER

- 1. Lift up the drain filter access panel, if fitted on the basket.
- 2. Lift and remove the drain filter out of the DishDrawer®.
- 3. Empty, rinse under clean running water and replace back into the allocated space.
- 4. Ensure the drain filter is flush with the filter plate.

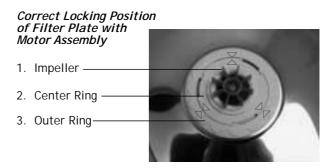
CLEANING THE SPRAY ARM

- 1. Remove the basket carefully. Lift from the back end first so that you do not knock the detergent and rinse agent dispenser.
- 2. Lift the spray arm and shake any foreign material out.
- 3. Rinse the spray arm under water and wipe the spray arm with a damp cloth.
- 4. Place the spray arm back onto the impeller.

WARNING - The DishDrawer®must be used with the filter plate, drain filter and spray arm correctly in place.

CLEANING THE FILTER PLATE

- 1. Ensure the **DishDrawer** is cool before you start cleaning and follow the instructions for removing the drain filter and spray arm.
- 2. In the center of the filter plate, there are two rings. Hold the center ring still and turn the outer ring counter-clockwise, about a 1/8 turn. This will release the filter plate.
- 3. When cleaning the underside of the filter plate, care must be taken on the sharp outer edge to avoid the risk of cut type injuries.
- 4. Remove any soil, wash in hot soapy water and rinse thoroughly in clean water. The heater plate can be wiped with a damp cloth.
- 5. Replace the filter plate so it lies flat in the base of the <code>DishDrawer</code> ensuring the filter plate is fully locked into position with the centre ring.
- 6. To lock the filter plate into position, ensure the triangles align with each other (refer to the diagram for the correct position). The filter plate must not be able to move about freely.



We do not recommend the use of the following cleaning agents on your DishDrawer as they may damage it:
Plastic or stainless steel scouring pads. Abrasive, solvent, household cleaners, acid or alkaline cleaners. Hand washing liquids, soap, laundry detergents or disinfectants.

If a dishwasher cleaner/descaler is used, you must run a wash program with detergent immediately afterward to prevent any damage to the **DishDrawer**°.

HOW TO RECOGNIZE A FAULT CODE

When a fault code is displayed, the DishDrawer®will continuously beep every second until the POWER button is pressed.

For Prefinished Models

A fault code is indicated in the Electronic Display, with a spanner, letter and a number beside it, for example, "F1" or "U1".

For Integrated Models

A fault has occurred when the light above the START/PAUSE button is red. The lights on the wash program indicator signal which fault code has occurred, for example, a "F1" fault code is



Each fault code is listed in the chart below for prefinished and integrated models.

- **HOW TO ATTEND TO A FAULT CODE**1. Press the POWER button to remove the fault code.
- 2. If the fault code and continuous beeps cannot be removed by pressing the POWER button, turn the power off at the power supply.
- 3. We recommend you check the chart below and correct the fault where possible.
- 4. After attending to the fault, turn the DishDrawer® on at the power supply.
- 5. If the fault code and continuous beeps remain, turn the water and power supply off to the <code>DishDrawer</code> .
- 6. When calling your Fisher & Paykel Authorized Service Center advise them of the fault code that has appeared on the **DishDrawer**. This information will help the Authorized Service Center respond better to your request.

FAULT CODES PREFINISHED	INTEGRATED	POSSIBLE CAUSES	WHAT TO DO
F1	HEAVY NORMAL FAST DELICATE RINSE CO	Flood switch has been activated.	Turn the water and power supply off to the DishDrawer [®] and call your Fisher and Paykel Authorized Service Center.
F2	HEAVY NORMAL FAST DELICATE RINSE CO	Motor problem.	Call your Fisher & Paykel Authorized Service Center.
F3	HEAVY NORMAL FAST DELICATE RINSE CCO	Temperature sensor failed.	Ensure water coming in through the inlet hose is not greater than 149°F. You may need to put a tempering valve on your water supply.
F4	HEAVY NORMAL FAST DELICATE RINSE CCO	Faulty temperature sensor or element.	Call your Fisher & Paykel Authorized Service Centre.
F9	HEAVY NORMAL FAST DELICATE RINSE CO	Electronics malfunction.	Call your Fisher & Paykel Authorized Service Center .
U1	HEAVY NORMAL FAST DELICATE RINSE CO	Fill fault.	Turn the DishDrawer [®] water supply on.
			Ensure the spray arm is on the impeller. The spray arm must be able to rotate about the center. If the DishDrawer°is full of water, the water will need to be manually removed.

If you then have any questions about operating the product, please contact our Fisher and Paykel Customer Care Center.

PROBLEM SOLVER

If the DishDrawer does not appear to be operating properly, check this chart below and correct where possible.

PROBLEM DishDrawer®will not start	 POSSIBLE CAUSE Power supply not connected. The drawer not closed properly. Lock feature is on. 	 WHAT TO DO □ Connect the power supply. □ Ensure drawer is firmly closed. □ Turn Lock off. Hold down LOCK button until the "lock" symbol (Prefinished) or green light (Integrated) disappears. □ Press START/PAUSE button.
Excess water in DishDrawer®	 Drain hose(s) bent or kinked. Blocked filters and/or drain hose(s). 	 Straighten the drain hose(s). Clean the filter plate/drain filter. Unblock the drain hose(s). Refer to User Maintenance section.
Water marks on the dishes	 Insufficient rinse agent. Rinse agent setting too low. DishDrawer® overloaded or incorrectly loaded. 	 Check if there is enough rinse agent in dispenser. Increase the rinse agent setting. Refer to section on Loading.
Unclean dishes	 Wash program unsuitable for the load. Spray arm unable to rotate. Overloading the DishDrawer*. Filter plate/drain filter incorrectly inserted. Detergent put in wrong compartment. Excessive food not removed off dinnerware. Unsuitable detergent. Not enough detergent. Spray arm holes are blocked. Filter plate/drain filter blocked. Mega rack incorrectly installed. Hard water situation. 	 Refer to Wash Programs section for suitable wash program, or the soils were too heavily baked on & may need soaking. Ensure no items are blocking the spray arm path. Refer to the section on Loading. Refer to User Maintenance section. Detergent must be placed in the large compartment. Scrape all food scraps off dinnerware. Use recommended brands of dishwasher detergent. Refer to Wash Programs section or the detergent manufacturer's instruction. Clean the spray arm. Clean filter plate and drain filter. Refer to Accessories section for correct installation. We recommend the installation of a water softener. Use detergents with a high phosphate content and increase the dosage.

WHAT TO DO	DOCCIDLE CALICE	WWWT TO DO
DishDrawer [®] <i>inside stained</i>	POSSIBLE CAUSE □ Some foods, like tomato based products, may stain the interior of the DishDrawer®.	 WHAT TO DO Pre-rinse dishes before placing in DishDrawer® or use the Rinse program after adding dishes, which may minimize the level of staining.
Dishes did not dry	 Incorrect loading. Rinse agent depleted. Rinse agent setting too low. ECO wash programme used. 	 Ensure the dishes are not nesting together. Refill the rinse agent dispenser. Increase rinse agent setting. Choose a standard wash program.
Foaming	 Incorrect amount of detergent. Too much egg in wash load. Rinse agent setting too high. 	 Refer to Wash Programs section or consult the manufacturer's instruction. Add detergent into the pre-rinse compartment. Decrease rinse agent setting.
No detergent dispensed	Detergent was wet when loaded.	 Clean the dispenser & ensure the detergent dispenser is dry when putting in detergent.
Excessive motor noise	 Filter plate and/or spray arm is incorrectly placed. No water in the motor area. Usually occurs on the first use or when the DishDrawer®has not been used for long periods of time. 	 Refer to User Maintenance section. Run the DishDrawer® through a wash program.
Water leaking	 Drain hose disconnected from waste pipe. Supply inlet hose not connected properly. Other Leaks. 	 Reconnect the drain hose to the waste pipe. Securely reconnect the inlet hose. Turn water & electricity to DishDrawer* off. Call your Fisher & Paykel Dealer or Authorized Service Center.
DishDrawer [®] <i>will not open</i>	□ Childlock function is on or the Closed Drawer Option is on, or both.	□ Turn Lock off. Hold down LOCK button until the "lock" symbol (Prefinished) or green light (Integrated) disappears and/or press the POWER button to open the DishDrawer®.
Intermittent beeping	 DishDrawer[®] is in pause mode. 	Close the DishDrawer® and press the START/PAUSE button.
Continuous beeping	□ A fault has occurred.	Refer to Fault Codes section.

IMPORTANT SAFETY INFORMATION SAVE THESE INSTRUCTIONS

Warning - When using your DishDrawer®, follow basic precautions, including the following: Please read all instructions before operating the DishDrawer®.

For your safety the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or loss of life.

Use the DishDrawer® only for its intended function as described in this User Guide.

Use only detergents or rinse agent 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 lid seal and load sharp knives with the handles up to reduce the risk of cut type injuries.

Do not touch the heater plate during or immediately after

Do not operate your DishDrawer*unless all the 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 DishDrawer®.

The cup racks are designed to support cups, glasses and kitchen utensils. When the cup racks are in the DishDrawer® do not lean on or use the cup racks to support your body weight.

To reduce the risk of injury, do not allow children to play in or on the DishDrawer®.

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 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.

Dishwasher detergents are alkaline. They can be dangerous if swallowed. Avoid contact with skin and eyes, keep children and infirm person(s) away from the Dishwasher when the drawer is opened.

INSTALLATION

This DishDrawer®must be installed and located in accordance with the Installation Instructions before it is used. If you did not receive Installation Instruction sheets with your DishDrawer®, you can obtain one by calling your Fisher & Paykel Authorized Service Agent.

Installation and service must be performed by a qualified technician.

If the power supply cord is damaged, it must be replaced by a Fisher & Paykel Dealer or Authorized Service Center or a similar qualified trades-person in order to avoid a hazard. Ensure the DishDrawer® 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 gasoline, or other flammable vapors and liquids in the vicinity of the DishDrawer®.

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 DishDrawer® where it will be exposed to temperatures below freezing or exposed to weather.

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 conducter 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 equipmentgrounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt if 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 electrician.

MAINTENANCE

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 call a Fisher & Paykel Authorized Service Agent.

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.

When cleaning the underside of the filter plate, care must be taken on the sharp outer edge to avoid the risk of cut type injuries.

OPERATIONAL

Under no circumstances should you open the drawer whilst the DishDrawer°is in operation. Always press the START/PAUSE button to pause and wait until you hear the three additional beeps before opening the drawer.

The DishDrawer® must be used with the motor assembly, filter plate, drain filter and spray arm in place.

When disconnecting the appliance pull the plug rather than the power supply cord or junction of cord to avoid damage.

Take care when loading the DishDrawer® not to load dishware items so it prevents the lid from properly sealing with the drawer. Items should be placed so they do not protrude above 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 running a wash program with detergent immediately afterward, to prevent any damage to the DishDrawer®.

The DishDrawer[®] is designed for washing normal household utensils. Items that are contaminated by gasoline, paint, steel or iron debris, corrosive, acidic or alkaline chemicals are not to be washed in the DishDrawer[®].

If the DishDrawer* is not being used for long periods of time, turn the electricity and water supply to the DishDrawer* off.

It is important that the User Guide should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, always ensure that the User Guide is left with the appliance in order that the new owner can familiarize themselves with the appliance and the relevant warnings.

COMPARISON TESTS

Fisher & Paykel Dishwashers are tested to various standards for performance.

The following are loading pattern diagrams, detergent and rinse agent quantities for the various standards used by Fisher & Paykel.

Detergent Quantities 1tsp Pre Wash* 2tsp Main Wash*

*For soft water situations only

Rinse Agent Setting 4

RECOMMENDED LOADING PATTERN





When you purchase any new Fisher & Paykel whiteware Product you automatically receive a 2 year Manufacturer's Warranty covering parts and labor for servicing within the 48 mainland states, Hawaii and Washington D.C.

FISHER & PAYKEL UNDERTAKES TO

Repair or, at its option, replace without cost to the owner either for material or labor any part of the Product, the serial number of which appears on the Product, which is found to be defective within TWO YEARS of the date of purchase.

This warranty is extended to the original purchase and any succeeding owner for products purchased for ordinary home use in the 48 mainland states, Hawaii and Washington D.C.

In Alaska the warranty is the same except that it is LIMITED because you must pay to ship the product to the service shop or for the service technician's travel costs to your home.

THIS WARRANTY DOES NOT COVER

Please read your USER GUIDE. If you then have any questions about operating the product, please contact your dealer or call TOLL FREE 1 888 9 FNP USA (1 888 9 367 872)

A. Service calls to which are not related to any defect in the Product. The cost of a service call will be charged if the problem is not found to be a Product fault.

For example:

- 1. Correct the installation of the product.
- 2. Instruct you how to use the product.
- 3. Replace house fuses or correct house wiring or plumbing.
- 4. Correcting fault(s) caused by the user.
- 5. Change the set-up of the product.

If you have an installation problem contact your dealer or installer. You are responsible for providing adequate electrical, exhausting and other connection facilities.

- B. Replacement of house fuses or resetting of circuit breakers.
- **C.** Defects caused by factors other than:
 - 1. Normal domestic use or
 - 2. Use in accordance with the Product's User Guide.
 - 3. or used commercially.
- D. Defects to the Product caused by accident, neglect, misuse, fire, floods or Act of God.
- F. The cost of repairs carried out by non-authorized repairers or the cost of correcting such unauthorized repairs.
- G. Normal recommended maintenance as set out in the Product's User Guide.

SERVICE UNDER THIS MANUFACTURER'S WARRANTY MUST BE PROVIDED BY FISHER & PAYKEL.

SUCH SERVICE SHALL BE PROVIDED DURING NORMAL BUSINESS HOURS.

THIS WARRANTY CERTIFICATE SHOULD BE SHOWN WHEN MAKING ANY CLAIM.

WARRANTOR IS NOT RESPONSIBLE FOR CONSFOUENTIAL DAMAGES

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are in your state, consult your local or state consumer affairs officer or your state's Attorney General.

WARRANTOR: Fisher & Paykel Appliances Inc.

If further help is needed concerning this warranty please

Fisher & Paykel Appliances Inc., write to:

27 Hubble, Irvine. CA 92618.

SERVICE

For your local Fisher & Paykel Authorized Service Agent, please call TOLL FREE 1 888 9 FNP USA (1 888 9 367 872)

or contact us through our web site: www.fisherpaykel.com

PROOF OF PURCHASE

Proof of original purchase date is required to obtain service under warranty. Attach your sales receipt or cancelled check here.



Write down the model, serial number and purchase information below.

PRODUCT DETAILS

ISHER & PAYKEL LTD lodel/Serial No
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Please keep this User Guide in a safe place. Do not return to Fisher & Paykel.

Before you call for service or assistance ...

Check the things you can do yourself. Refer to your User Guide and check...

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

If after checking these points you still need assistance, please refer to the following...

In the USA if you need assistance \dots^*

For your local Fisher & Paykel Authorized Service Agent, please call TOLL FREE 1 888 9 FNP USA (1 888 936 7872)

or contact us through our web site, www.fisherpaykel.com

* If you call or write, please provide: name and address, model number, serial number, date of purchase and a complete description of the problem. This information is needed in order to better respond to your request for assistance.

INSTALLATION CHECKLIST

Your In	staller MUST have completed and checked the following:
	The DishDrawer ® is level and square.
	The DishDrawer ® is fastened securely to the cabinetry.
	The <code>DishDrawer</code> opens and closes freely. The <code>DishDrawer</code> must be free to close completely with no resistance from the cabinetry.
	For the Integrated models, check the $^{5}/_{16}"$ (8mm) air gap has been achieved in the correct place.
	The power supply is connected and switched on.
	The inlet water hose is connected and turned on. There should be no leaks.
	The drain hoses are connected and there are no leaks.
	The spray arm is in the center and can freely rotate.
	The rinse program has been run.
	There must be no kinks, or obstructions in the drain hose(s). The water level will be below the stainless steel filter plate at the end of the wash program. It is normal to find some water in the drain filter area.

The Installer is responsible for the DishDrawer® installation. Incorrect Installation is not covered by warranty.



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USA

Part No. **526625 B**