



*Fisher & Paykel*

DishDrawer®  
DD24 and DD60 models

**User guide**

US CA NZ AU GB IE

## 10 Operating instructions - Quick start

### 1 Load dishes

Remove all food scraps and load the dishes.

### 2 Add detergent

### 3 Check rinse aid

### 4 Press the / button

### 5 Select a wash programme

The length of the wash programme will appear on the electronic display (models with LCD only).


### 6 Select ECO (optional)

### 7 Check

Ensure there is nothing obstructing the spray arm. The drain filter must be level with the filter plate.

Note: to identify these parts, see illustrations in 'User maintenance instructions'.

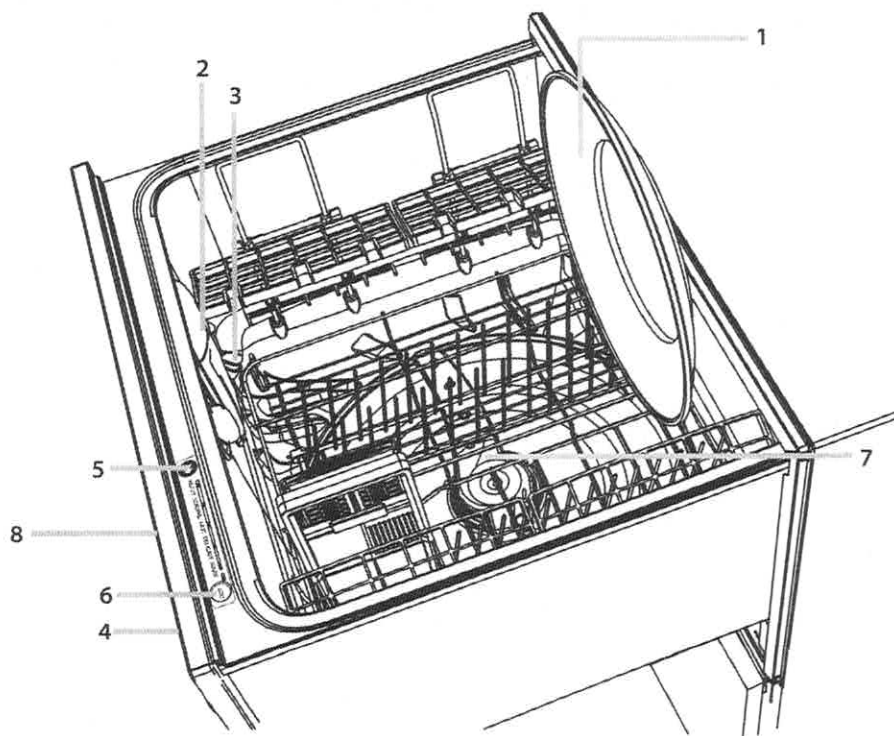
### 8 Start

Close the drawer and press the  button.

### 9 Finish

The DishDrawer® will beep six times to indicate the end of the wash programme. At the end of the wash programme 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 programme is complete.

Double models only: At the end of a wash programme, you may find both drawers draining simultaneously. This is normal.



## Wash programmes and detergent quantities 19

### Wash programmes

<b>Heavy</b> <i>Heavily soiled pots, pans and dishes.</i>	<b>Normal</b> <i>Dishes with normal soils for optimum wash and dry performance.</i>	<b>Fast</b> <i>Lightly soiled dishes.</i>	<b>Delicate</b> <i>Lightly soiled and heat-sensitive crockery.</i>	<b>Rinse</b> <i>Prevents odours and soils drying on dishes.</i>
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All programmes except Rinse can be used in ECO mode to save energy. If your dishes are heavily soiled or you require enhanced dry performance, we do not recommend ECO programmes. See section 'Operating instructions – Controls' for wash programme selection.

### Detergent quantities

- Find out about water hardness in your home, then use the table below to determine how much detergent to use for each wash programme. See also section 'Water hardness and dishwashing'.
- The detergent dispenser has markings to help you measure the correct quantities. See following section 'Detergent dispenser'.

	Water hardness  <i>parts per million (ppm)</i> <i>grains per gallon (gpg)</i>	Wash programmes	Detergent quantities (per drawer)			
			US CA		NZ AU	GB IE
			<i>pre-wash</i>	<i>main wash</i>	<i>main wash</i>	<i>main wash</i>
			<i>teaspoons</i>	<i>teaspoons</i>	<i>teaspoons</i>	<i>teaspoons</i>
SOFTER	<100 ppm or < 6 gpg*	Heavy	1	3	4	4
		Normal	1	2	3	3
		Fast	-	1	1	1
		Delicate	-	1	1	1
		Rinse	-	-	-	-
	100 -150 ppm or 6 - 9 gpg	Heavy	2	4	6	
		Normal	2	4	6	
		Fast	-	4	4	
		Delicate	2	4	6	
		Rinse	-	-	-	
	>150 ppm or >9 gpg	Heavy	2	6	6	
		Normal	2	6	6	
		Fast	-	6	6	
		Delicate	2	6	6	
		Rinse	-	-	-	
HARDER						

\* If you have a household water softener installed or your DishDrawer has a built-in water softener (US CA: DD24-H models only, GB IE: all models), use the quantities recommended for water with a **hardness** under 100 ppm/6 gpg, irrespective of the water hardness in the area. See also section 'Water softener'.

## 20 Detergent dispenser

### **Important!**

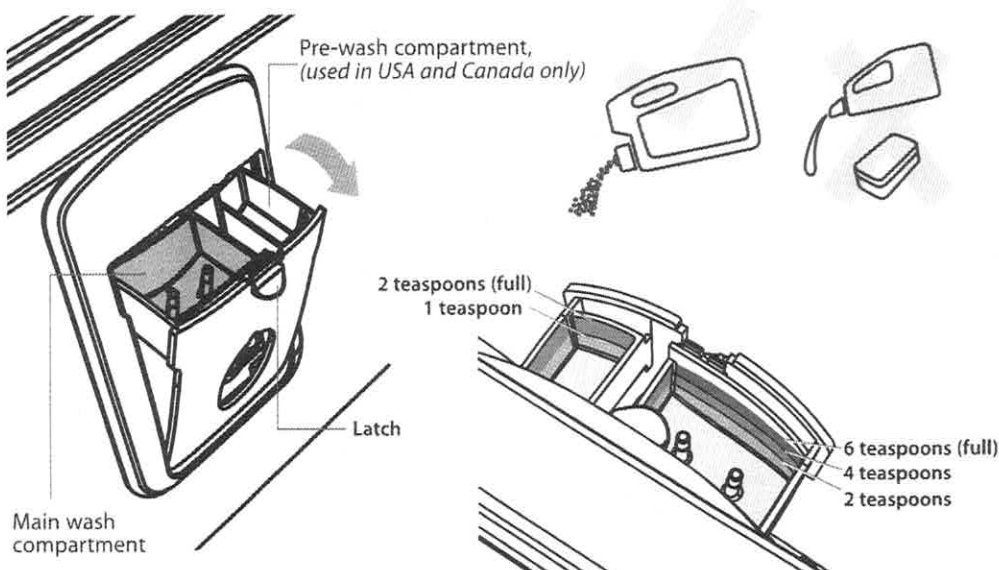
- Only use powdered detergent recommended for domestic automatic dishwashers in the detergent dispenser.
- Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children and infirm persons away from the DishDrawer when it is open. Check that the detergent dispenser is empty after completion of the wash programme.
- Do not place dishwasher tablets in the detergent dispenser.
- Detergent and dishwasher tablets should not be in direct contact with dishes or cutlery.
- Liquid detergents are not suitable to be used in the DishDrawer®.
- Hand washing liquids, soap, laundry detergents or disinfectants will damage the DishDrawer®.

### **Filling the detergent dispenser**

- 1 Press the latch down and the dispenser will open.
- 2 Pour detergent into the appropriate compartment(s). Use the markings to help you measure the correct quantities. No detergent is needed for the Rinse programme.
- 3 Close the dispenser until it clicks shut. The detergent will automatically be released into the DishDrawer® during the wash programme.

### **Amount of detergent to use**

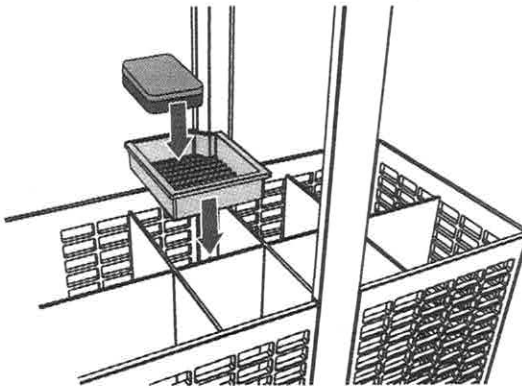
Refer to previous section 'Wash programmes and detergent quantities', and follow the quantities relevant to your location and water hardness level.



### **Important!**

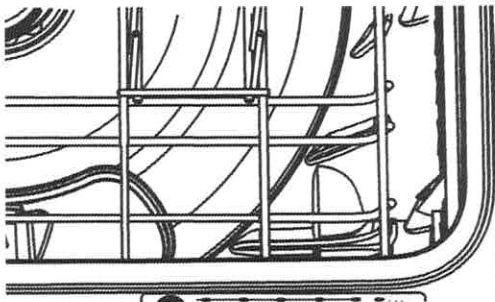
- We do not recommend using dishwasher tablets in USA and Canada models. The pre-wash cycle in these models would dissolve the tablet, reducing the cleaning power left for the main wash.
- If you are using tablets, we highly recommend you use the standard Normal or Heavy programmes only. We do not recommend you use the Fast, Delicate, or any wash programme using less than 50 °C (see section 'Wash programme data'). Follow the instructions of the tablet manufacturer for optimum performance.
- Using tablets could improve wash performance in hard water areas.

Tablets can either be placed in the cutlery basket or alternatively, placed directly in the wash compartment as below. If you are using dishwasher tablets with a built-in rinse aid component, you may need to reduce the rinse aid setting. See 'Option adjustments' for instructions.



#### **Preferred:**

Place the tablet on the removable tablet tray.



#### **Alternative:**

If the cutlery basket cannot be used, place tablet in the bottom of the DishDrawer.

## 22 Rinse aid dispenser

We highly recommend the regular use of liquid rinse aid to give the best drying results. Rinse aid gives a streak-free, sparkling clean look to glass and chinaware. In addition, it prevents metal from tarnishing. The rinse aid dispenser is on the inside of the drawer, located underneath the detergent dispenser. The rinse aid dispenser holds approximately 1.7 fl oz / 50 ml of rinse aid.

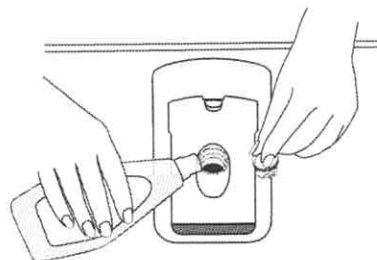
### Filling the rinse aid dispenser

- 1 Turn the plug anticlockwise and remove.
- 2 Pour the rinse aid into the circular opening.
- 3 Take care not to spill rinse aid into the DishDrawer®.

#### **Important!**

*Any spillages must be wiped up to prevent excess foaming. Failure to wipe rinse aid spillages may result in a service call which will not be covered by warranty.*

- 4 Fit the plug back into the original position.



### How much rinse aid to use

The regulator may need adjusting to suit your water conditions or the particular dishwasher tablet you are using. The lowest setting is '1' and the highest is '5'. Refer to the 'Option adjustments' section to adjust the rinse aid setting.

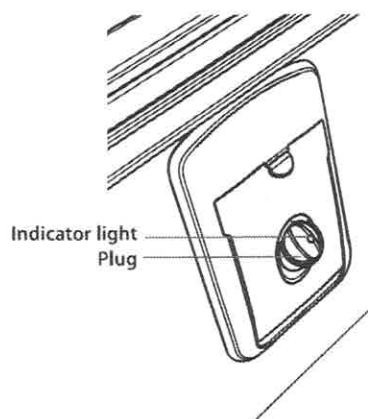
- If there is excessive foam at the end of the wash or you are using dishwasher tablets with built-in rinse aid, reduce the setting.
- If dishes are wet or streaky after drying, increase the setting.
- If you live in a hard water area and you have no water softener installed in your water supply or built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

### Rinse aid indicator light






If the rinse aid indicator light is red, refill the dispenser.  
If the rinse aid indicator light is dimly lit or not lit at all, there is enough rinse aid for the wash.

Note:


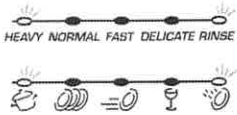
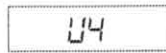
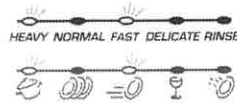
- Lighter coloured rinse aids will not dim the indicator light as effectively as darker coloured rinse aids.
- When the rinse aid is being dispensed, you may notice some unusual noises during the wash: this is normal.



## 32 Troubleshooting

Problem	Possible cause	What to do
Unclean dishes	Wash programme unsuitable for the load.	See section 'Wash programmes and detergent quantities' for a suitable wash programme, or the soils were too heavily baked on and dishes may need soaking.
	Spray arm unable to rotate.	Ensure no items are obstructing the spray arm path.
	DishDrawer® overloaded/incorrectly loaded.	Refer to the section on loading.
	Filter plate/drain filter is incorrectly inserted.	See section 'User maintenance instructions'
	Detergent put in the wrong compartment of the dispenser.	Detergent for the main wash must be placed in the large compartment. See section 'Detergent dispenser' for information.
	Excess food not removed from dinnerware prior to loading.	Scrape all food scraps off dinnerware prior to loading.
	Unsuitable detergent.	Use recommended brands of dishwasher detergent.
	Not enough detergent.	See section 'Wash programmes and detergent quantities' or follow the detergent manufacturer's instructions.
	Spray arm holes are blocked.	Clean the spray arm.
Foaming	Filter plate/drain filter is blocked.	Clean the filter plate and drain filter.
	Incorrect amount of detergent.	See section 'Wash programmes and detergent quantities' or follow the detergent manufacturer's instructions.
	Too much egg in the wash load.	Increase the amount of detergent.
Water leaking	Rinse aid setting too high.	Decrease the rinse aid setting.
	Drain hose disconnected from waste pipe.	Reconnect the drain hose to the waste pipe.
	Water inlet hose not properly connected.	Ensure the inlet hose is connected securely.
DishDrawer® will not open	Other leaks.	Turn water and power supplies to the DishDrawer® off. Call your dealer or Authorised Service Centre.
	Childlock feature is on or the Closed drawer option is on, or both.	Turn the Childlock off. Hold down the  button until the  symbol disappears from the LCD screen or the light above the  button disappears and/or press the  /  button to open the DishDrawer®.
Power failure during cycle		Wait until power resumes, cycle will restart in same part of wash programme.

## 36 Fault codes

Fault codes	Possible causes	What to do
<b>U1</b>  	Fill fault due to...  ...water supply not being turned on.  OR  ...spray arm not being fitted correctly.	Check if there is water in the DishDrawer and follow the relevant steps below.  <i>If there is no water in the DishDrawer:</i> <ol style="list-style-type: none"> <li>1 Turn on the water supply to the DishDrawer.</li> <li>2 Plug the DishDrawer back in or turn it on at the power supply.</li> </ol> <i>If there is water in the DishDrawer:</i> <ol style="list-style-type: none"> <li>1 Plug the DishDrawer back in or turn it on at the power supply.</li> <li>2 Press the ►   button and wait for 30 seconds.</li> <li>3 Press the ⏻ / ⌚ button. The DishDrawer will automatically drain (approx. 2 minutes). You may need to repeat steps 2 and 3 again.</li> <li>4 When the DishDrawer is empty, check that the spray arm is correctly fitted and can rotate freely. See 'User maintenance instructions'.</li> </ol>
<b>U4</b>  	Fault in the other drawer preventing the use of this drawer.	Check other drawer, attend to fault code on that drawer.



## 38 Wash programme data

USA & CANADA				
Heavy	Normal	Fast	Delicate	Rinse
pre-wash	pre-wash 120°F		pre-wash	pre-wash
main wash 150°F	main wash 140°F	main wash 130°F	main wash 120°F	
post-rinse	post-rinse	post-rinse	post-rinse	
final rinse 163°F	final rinse 140°F	final rinse 120°F	final rinse 130°F	
drying phase	drying phase		drying phase	
Heavy ECO	Normal ECO	Fast ECO	Delicate ECO	
pre-wash			pre-wash	
main wash 150°F	main wash 120°F	main wash 115°F	main wash 115°F	
post-rinse	post-rinse	post-rinse	post-rinse	
final rinse 150°F	final rinse 125°F	final rinse 115°F	final rinse 120°F	
drying phase	drying phase		drying phase	

NEW ZEALAND AND AUSTRALIA				
Heavy	Normal	Fast	Delicate	Rinse
				pre-wash
main wash 70°C	main wash 50°C	main wash 55°C	main wash 50°C	
post-rinse	post-rinse	post-rinse	post-rinse	
final rinse 65°C	final rinse 60°C	final rinse 50°C	final rinse 60°C	
drying phase	drying phase		drying phase	
Heavy ECO	Normal ECO*	Fast ECO	Delicate ECO	
main wash 65°C	main wash 40°C	main wash 45°C	main wash 45°C	
post-rinse	post-rinse	post-rinse	post-rinse	
final rinse 60°C	final rinse 40°C	final rinse 45°C	final rinse 50°C	
drying phase	drying phase		drying phase	

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

## Wash programme data 39

GREAT BRITAIN AND IRELAND				
Heavy	Normal	Fast	Delicate	Rinse
				pre-wash
main wash 70°C	main wash 65°C	main wash 55°C	main wash 50°C	
post-rinse	post-rinse	post-rinse	post-rinse	
final rinse 65°C	final rinse 65°C	final rinse 50°C	final rinse 60°C	
drying phase	drying phase		drying phase	
Heavy ECO	Normal ECO*	Fast ECO	Delicate ECO	
main wash 60°C	main wash 55°C	main wash 45°C	main wash 45°C	
post-rinse	post-rinse	post-rinse	post-rinse	
final rinse 55°C	final rinse 60°C	final rinse 45°C	final rinse 50°C	
drying phase	drying phase		drying phase	

\*Reference programme for energy label in compliance with EN50242 Regulations.

### Note:

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