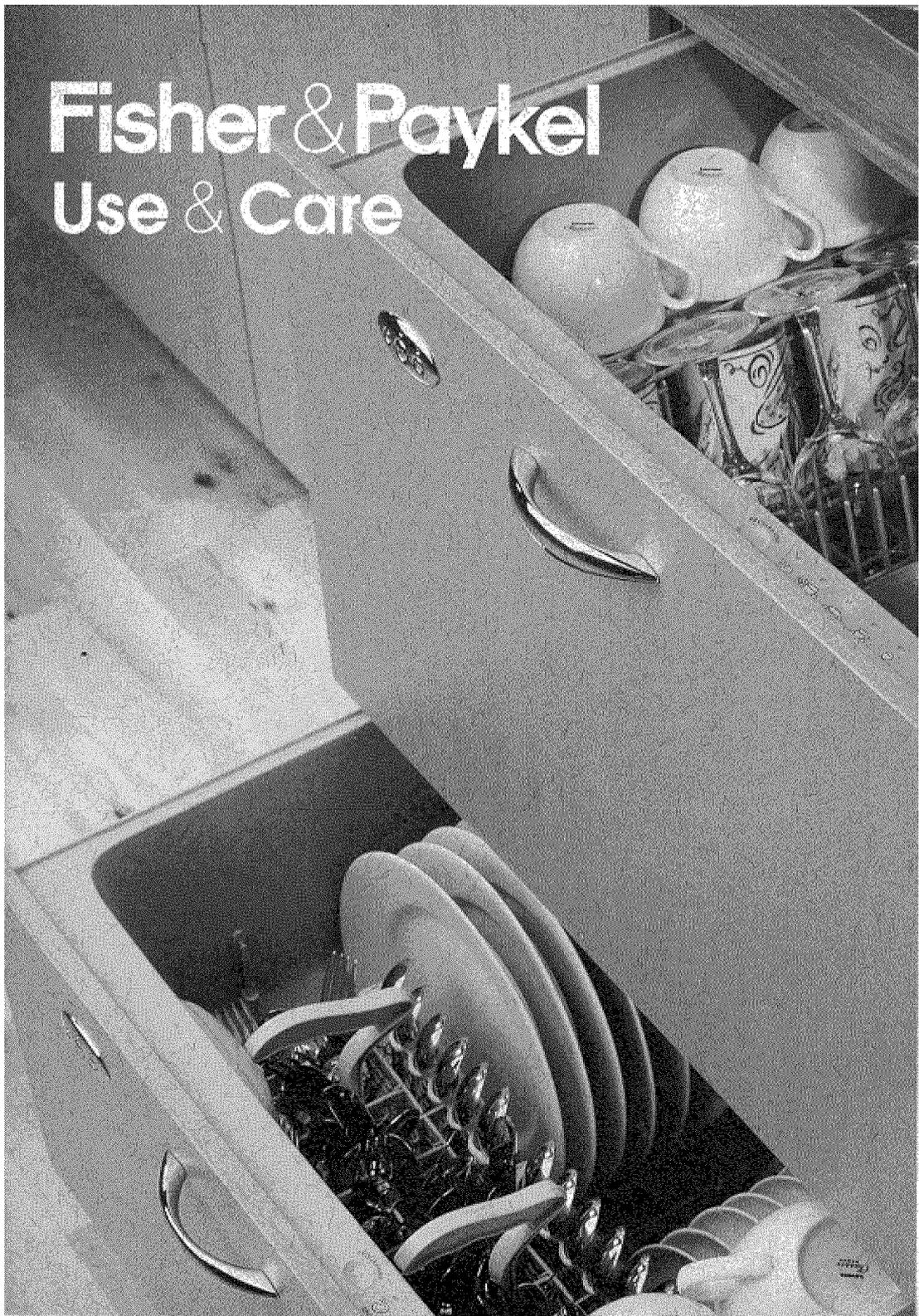


Fisher & Paykel

Use & Care



CONTENTS

Introduction	2
Accessories	3
Important Safety Instructions	4
Control Functions	8
Primary Control Buttons	8
Lock	9
Delay Start	10
Secondary Control Panel	11
Operating Instructions	12
Usage	13
DishDrawer Accessories	13
Purpose of Each Insert	13
DishDrawer Loading	16
Loading Pattern for 10 Place Settings	17
Detergent & Rinse Agent Dispenser	18
Detergent Compartments	18
Rinse Agent Dispenser	19
Option Adjustment Mode	20
Rinse Agent Setting	20
Auto Power	21
Water Pressure	21
Wash Programs	22
Installation of Upper Kickstrip	23
Care Guide	24
User Maintenance Instruction	25
Cleaning the DishDrawer	25
Cleaning the Drain Filter, Spray Arm Filter Plate & Motor Assembly	25
Vacation Time	26
Problem Solver	27
Fault Code Displays	31
DishDrawer Warranty	35

INTRODUCTION

Thank you and congratulations for making the wise decision in purchasing your Fisher & Paykel DishDrawer. Every care has been taken in designing and manufacturing your appliance. We are sure that you will enjoy using your DishDrawer and will soon appreciate its many benefits. We wish you many years of satisfying use.

Unique Features of Your DishDrawer™

By now you will be aware that Fisher & Paykel's DishDrawer is a unique dishwasher, which offers benefits no other dishwasher can.

The DishDrawer takes the everyday kitchen drawer - long recognised as the most efficient, easy to access storage system in the kitchen - and turns it into the most advanced dishwasher in the world.

If you have chosen a double DishDrawer, or more than one single DishDrawer, you will have totally separate, independently operated washing units, introducing loading and washing possibilities that have never before been possible.

Now you can treat precious glassware to a delicate wash and give pots and pans the heavy duty treatment - all at the same time.

The Clutter-Free Counter Top Becomes A Reality

Now it really is possible to keep your counter top free from everyday clutter like tall glasses and awkward serving dishes. The double DishDrawer's spacious configuration gives you many new ways to load your machine - and use it.

Used cleverly, two DishDrawers can even provide extra kitchen storage. Use clean dishes directly from one drawer and load them back into the other drawer when dirty.

Design Your Own Rack System

With flexible, interchangeable inserts the DishDrawer can be arranged to accommodate the way you live and the dishes you use most often. Inserts are easy to remove so it is easy to change your layout as your daily needs change.

If you have two DishDrawers, you can arrange one drawer for all your lightly soiled cups, saucers and fine glassware - including long-stemmed glasses - and wash them using a delicate cycle. Set up your other drawer for your more robust, heavily-soiled items like plates, pots and pans. Inserts can easily be removed completely to fit awkward preparation or serving dishes.

The Guilt-Free Small Load

All DishDrawer models make the small, guilt-free load a reality. The DishDrawer minimizes water and energy consumption with each drawer using less than half the water of a conventional dishwasher. By washing smaller loads more frequently, you need never run out of clean dishes.

Gentler Introduction of Detergent

The DishDrawer's innovative detergent dispenser thoroughly pre-mixes water with detergent before it is introduced into the drawer, so your delicate dishes are protected from "detergent burn". Precise markings inside the dispenser ensure you never use too much or too little detergent for each program.

Big On the Inside

Each DishDrawer has been carefully designed to give you more usable space than ever before.

Each DishDrawer can accommodate 12 large dinner plates up to 11.4" in diameter. A deeper drawer design means large plates can be loaded into the drawer while cups and glasses can be safely stacked into the two levels.

Fisher & Paykel strongly recommends that you read the information contained in this Use & Care Manual before using the DishDrawer.

ACCESSORIES

Each DishDrawer is supplied with the following:

- Basket
- Cutlery Basket
- Mega Rack
- Drain Filter Access Panel
- Plate Insert



IMPORTANT SAFETY INSTRUCTIONS

Warning - When using your DishDrawer, follow basic precautions, including the following:

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.

Please read all instructions before operating the DishDrawer.

- Use the DishDrawer only for its intended function as described in this Use and Care Manual.
- Use only detergents or wetting agents recommended for use in a Dishwasher and keep them out of reach of children.
- When loading items to be washed
 1. Locate sharp items so that they are not likely to damage the lid seal and
 2. 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 use.
- 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.



IMPORTANT SAFETY INSTRUCTIONS

- 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 faucets 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.

Installation

- This DishDrawer must be installed and located in accordance with the Installation Instructions before it is used. If you did not receive an Installation Instruction book with your DishDrawer, you can obtain one by calling toll free 1 888 9 FNP USA (1 888 9 367 872).
- Installation and service must be performed by a qualified technician.
- This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment - grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

WARNING - Improper connection of the equipment - grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

- Ensure the DishDrawer is secured to the floor or adjacent joinery using the brackets provided. Failure to do so may result in an unstable product, which may cause damage or injury.



IMPORTANT SAFETY INSTRUCTIONS

- Do not operate this appliance if it is damaged, malfunctioning, partially disassembled or has missing or broken parts, including a damaged 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 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.
- Do not use an extension cord or a portable electrical outlet device (e.g. multi socket outlet box) to connect the DishDrawer to the power supply.

Maintenance

- Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in this Use and Care Manual. 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 use the *Start / Pause* button to pause and wait until you hear the two additional beeps before opening the drawer.



IMPORTANT SAFETY INSTRUCTIONS

- 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 cord or junction of cord to avoid damage.
- Household appliances are not intended to be played with by children. Children or persons with a disability that may limit their ability to use the appliance, should have a competent person instruct them in its use. This person 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.
- 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 power and water supply to the DishDrawer off.

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

SAVE THESE INSTRUCTIONS

CONTROL FUNCTIONS

Where there are two DishDrawers in the one cabinet, each drawer has its own control panel and can run independently of the other.

Figure 1 - Primary Control Panel

Key

1. Power
2. Start/Pause
3. Lock

Primary Control Buttons

Power

The *Power* button turns the DishDrawer on and off.

On

When pressing the *Power* button, a short series of beeps will be emitted, a green light above the *Start/Pause* button will flash.

Off

To terminate a wash program, press the *Power* button. Any remaining water in the DishDrawer will be pumped out. The green light above the *Start/Pause* button will switch off.

Start / Pause

This button has a number of functions. It serves to:

- Start the DishDrawer once the desired wash program has been selected.
- Interrupt the wash program while in operation.
To pause the DishDrawer, press the *Start / Pause* button and wait until you have heard two additional beeps before you open the drawer, allowing the lid seal to deflate. While in pause mode, the light above the *Start / Pause* button will flash.
- Restart the DishDrawer after being paused.
You may notice a delay after the *Start / Pause* button has been pressed. During this time the lid seal will be inflating.
- One Button Start.
This starts the DishDrawer and will run the last wash program used.

NOTE:

Under no circumstances do we recommend that you open the DishDrawer while in operation unless you have pressed the *Start / Pause* button. If the drawer is opened during the wash program, there is a possibility of getting wet, burnt, or damaging the DishDrawer. There are safety mechanisms in place to stop the DishDrawer if it is opened.

If a red light appears above the *Start / Pause* button, check the secondary control panel and note which lights are lit up. If the red lights above the rinse and fast are lit this indicates that the door was opened during the wash program. To remove this fault, ensure the drawer is closed and press *Power*. The DishDrawer will now be ready to start from the beginning of the wash program. You may have to add more detergent in the dispenser and then press *Start / Pause* button to start the DishDrawer. The DishDrawer will not restart where it was interrupted after a fault.

Lock

The Lock function disables all the other functions on the DishDrawer. This function is useful when cleaning the control panel and can also prevent children from turning the DishDrawer on or off accidentally. This button can be used when the DishDrawer is in operation and will remain active until the Lock is deactivated.

To activate this function, press and hold the *Lock* button until the red light above it appears continuously and is no longer blinking. All the other buttons are now inactive.

To deactivate this function, press and hold *Lock* button until the red light above this button has disappeared.

Figure 2 - Display showing the lock mode

Delay Start

This feature allows you to delay the start of the wash program from one to twelve hours. It is useful if you want to take advantage of the off peak power rates. (Check with your local Electricity Utility if this is available), or if you wish to start the DishDrawer at a later time.

To Activate Delay Start

1. Ensure the DishDrawer is closed.
2. Press and hold the *Start / Pause* button. The light above the *Start / Pause* button will turn orange.
3. Hold or press the *Start / Pause* button and the time will increase in increments of one hour. The DishDrawer will emit a beep for each hour passed.
4. Release the button when the desired time has been reached.

The DishDrawer will automatically start when the time has elapsed.

To cancel the Delay Start, press the *Power* button or keep pressing until it passes 12 beeps / hour. The light above *Start / Pause* button will turn green when the Delay Start has been cancelled.

Secondary Control Panel

Wash Programs

One advantage of two independent DishDrawers is that you can divide the dish loads according to need. For example, you can wash pots or heavily soiled items on a *Heavy Plus* program in one drawer while washing china or glassware on a *Delicate Eco Save* program in the other drawer.

When selecting a wash program ensure the control panel inside the drawer is clean and dry. If not, wipe with a clean dry cloth.

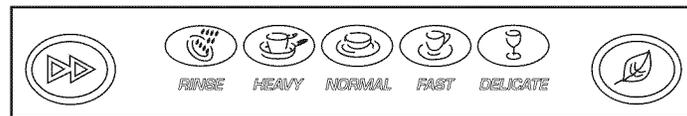


Figure 3 - Secondary Control Panel

Program ▶▶

This button advances through the wash programs in sequence. The wash program indicator light can be either red or green. If the light above the selected wash program is red, it indicates that you have selected a Plus program. If the light above the wash program is green, an Eco Save program has been chosen.

Rinse

Rinse can be used for dirty dishes that need rinsing and will be washed later. The Eco Save function has no effect on the *Rinse* program.

Heavy Wash

This wash is recommended for heavily soiled dishes such as roasting dishes, pots and dishes with baked on soil.

Normal Wash

This wash can be used for normal everyday dishes.

Fast Wash

This wash is designed for non greasy, lightly soiled dishes.

Delicate Wash

This wash is a gentle program for lightly soiled and heat sensitive crockery.

Program Modifier

Plus Programs (Red)

The Plus Programs uses higher wash temperatures and longer wash times to give optimum wash and dry performance. The light above the wash program is red to indicate that this option has been chosen.

Eco Save (Green)

Eco Save saves on energy. It achieves this by using lower wash temperatures and shorter times and because of this, dry performance may be compromised.

OPERATING INSTRUCTIONS

1. Ensure the filter plate and drain filter is clean and free of food debris. Check the drain filter is flush with the filter plate and the spray arm is correctly on the impeller.
2. Check there is rinse agent in the dispenser.
3. Remove all food scraps from the dishes, before loading the DishDrawer.
4. Load the dishes.
Overloading the DishDrawer may lead to poor wash performance. Ensure there are no items blocking the spray arm path.
5. Pour detergent into the detergent dispenser, then close the dispenser door.
Use the steps on the detergent dispenser as a guide to the correct amount of detergent to use. Where the detergent manufacturer has made recommendations on quantities, we suggest you follow their instruction.
6. Select the wash program on the secondary control panel.
Touch the *Program* button until the desired wash program light shows on the panel. The wash program has now been selected.
7. Select Eco Save (Optional)
If you would like the wash program to use less energy and time, *Eco Save* should be selected by touching this button. The wash program light will be green.
8. Close the drawer.
9. Start the Wash Program.
Press the *Start / Pause* button to start the DishDrawer. To pause the DishDrawer, press the *Start / Pause* button and wait for two additional beeps before opening the drawer. When in the pause mode the light above the *Start / Pause* button will be flashing.
10. End of Program
At the end of the program the DishDrawer will beep six times to let you know that it has finished and the green light above the *Start / Pause* button will disappear. At the end of a wash program it is normal to find some water in the drain filter area and the drying fan will be on for a short period of time or until the drawer is opened.

In the event of a power failure, the DishDrawer will stop until the supply power is resumed. It will drain the water in the DishDrawer and restart in the same part of the wash program it was in when the power failed.

USAGE

DishDrawer™ Accessories

The basket is the basic insert DishDrawer requires to wash dishes. The inserts and racks can be added or removed to suit your individual needs. If you have two DishDrawers, some of the parts 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.

Purpose of Each Insert

Basket

This is the most basic piece and it is essential for this to be carefully placed into the DishDrawer first. It holds some of the inserts in place and keeps the dishes above the spray arm so it can rotate and spray water onto the dishes.

Drain Filter Access Panel

The drain filter access panel is designed to give access to the drain filter. The purpose of this insert is to prevent objects from touching the base of the DishDrawer and stopping the rotation of the spray arm, but still giving access to the drain filter.

Cutlery Basket

The cutlery basket is removable and ideally should sit over the opening of the drain filter in the front right hand side of the drawer. For maximum wash performance the oval slots should face the middle of the drawer. Individual pieces of cutlery, like knives or spoons, can be placed in the oval slots for convenience.

Figure 4 - Recommended Positions for Inserts & Racks

Figure 5 - Basket & Drain Filter Access Panel

Figure 6 - Cutlery Basket

Plate Insert

The plate insert can be installed to the left or the right side of the basket. This insert is capable of supporting plates and bowls.

1

Mega Rack

The Mega Rack can be installed to the left or the right side of the basket. If you want to wash wine glasses, this rack should be installed on the left side. This rack is designed to hold a combination of glasses, cups and small plates. To install this rack, place the outer legs of this rack on the top of the basket, hook into the mid section under the middle wire and clip the Mega Rack to the side of the basket.

2

When correctly installed this rack should not feel loose. It is important to assemble the Mega Rack correctly to minimize the chance of obstructing the spray arm.

Figure 7 - Accessories in the DishDrawer

Key

- 1. Mega Rack
- 2. Plate Insert

DISHDRAWER™ LOADING

Baskets

- Scrape off all food scraps and remove any bones, crusts, toothpicks and any similar items.
- Overloading can lead to poorly washed dishes.
- Small light items should be placed soiled side down on the basket.
- Plates, bowls and saucers can be slotted into spaces provided.
- Long kitchen utensils can be laid flat on the large cup inserts.
- If there are no inserts in the basket, large bowls and pots can be placed flat in the DishDrawer.
- Ensure no items touch or protrude above the top of the drawer as you close it, as damage to the DishDrawer and dishware may occur.
- Locate sharp items so they are not likely to damage the lid seal. Particular attention must be paid to knives to ensure they do not dislodge during the wash to prevent injury to yourself or the DishDrawer.

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

Figure 8

Examples of how we recommend you load your DishDrawer

Figure 9



Figure 10

Examples of how NOT to load your DishDrawer

Figure 11



Cup Rack Posts

Cups, glasses and kitchen utensils can be placed on both sides of the cup racks. For best wash performance ensure there are no large items blocking the wash water from reaching the cup racks. See Figures 8 and 9 for the recommended method of loading the DishDrawer.

Wine glasses can be supported on the left hand cup racks if used in conjunction with the Mega Rack, see Figure 12.

Cutlery Baskets

- For best wash performance, mix spoons, knives and forks within each section of the basket. alternate between handles up and down to prevent nesting and ensure water circulates freely.
- We recommend that sharp utensils should have their handles facing up, to reduce the risk of cut injuries.
- Keep stainless steel from touching silver - mixing these metals can stain cutlery.

*Figure 12 -
Recommended Placement
for Wine Glasses*

Spray Arms

- Ensure there are no items blocking the path of the spray arm.
- Check that no items have slipped through the cutlery basket.

Figure 13 - Cutlery Basket

Recommended Loading Pattern for 10 Place Settings

Top Basket

Figure 14

Bottom Basket

Figure 15

Cutlery Basket

Figure 16

Detergent Quantities

We recommend the use of 5g of detergent in the pre-rinse compartment and 10g in the main wash compartment.

DETERGENT AND RINSE AGENT DISPENSER

The detergent and rinse agent dispenser is located on the inside of the DishDrawer.

Detergent Compartments

There are two compartments - one for pre-wash detergent and the other for the main wash detergent.

The pre-wash compartment is the smaller. The size of the compartments are a guide to detergent usage. The main wash compartment has steps on the side, these can be used as a guide for how much detergent to use. The lowest step is equivalent to one teaspoon when the detergent is level with this step, the middle step is equivalent to two teaspoons and the top step is equivalent to three teaspoons.

The detergent dispenser is designed for the use with powdered detergents, however if liquid detergents are used we do recommend that it **not** be left in the dispenser for long periods of time before operating the DishDrawer. Tablet detergents are not suitable to be used in the DishDrawer.

To Load the Detergent Dispenser

- Press the latch down and the door will open.
- Pour detergent
 - For heavily soiled items, extra detergent can be placed in the pre-wash detergent compartment.
 - No detergent is needed for the *Rinse* program.
- After filling the compartment(s), close the dispenser door until it clicks shut.
- The detergent will automatically be released into the DishDrawer during the wash program.

Important

Only use detergent recommended for domestic automatic dishwashers. Handwashing liquids, soap, laundry detergents or disinfectant 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.

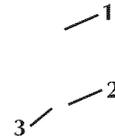


Figure 17 - Detergent & Rinse Agent Dispenser
Key

1. Latch
2. Rinse Agent Indicator Light
3. Rinse Agent Plug



Figure 18
Detergent & Rinse Agent Dispenser
Key

1. Latch
2. Main Wash Compartment
3. Pre Wash Compartment

Rinse Agent Dispenser

Rinse agent gives a streak free sparkling clean look to glass and chinaware. It speeds up drying and helps prevent metal from tarnishing.

We **highly recommend** that you **regularly** use **liquid rinse agent** to give the **best drying** results. For best drying results, periodically check the rinse agent dispenser to see if it needs filling and fill when empty.

The rinse agent dispenser is on the inside of the drawer, located underneath the detergent dispenser. The dispenser holds approximately 1.7 fluid oz of rinse agent.

Figure 19 - Filling the Rinse Agent Dispenser

To Load the Rinse Agent Dispenser

- Turn the plug counter clockwise, about one eighth of a turn and remove.
- Pour the rinse agent into the circular opening.
- Take care not to spill rinse agent into the drawer.
- Wipe any overflow to prevent excess foaming.
- Fit the plug back into the original position.

Rinse Agent Indicator Light

- If the rinse agent indicator light is red, then there is little or no rinse agent left in the dispenser. Rinse agent should be added into the dispenser.
- If the rinse agent window is black, there is enough rinse agent for the wash.

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).

- If your dishes have white streaks, or there is excessive foam in the DishDrawer, reduce the setting.
- If your dishes have water marks, or if flecks are left on glasses after drying, increase the setting.

OPTION ADJUSTMENT MODE

After using the DishDrawer, you may want to change some of the preset options to suit your needs. You can change the following settings:

- Rinse Agent
- Auto Power
- Water Pressure

To make these changes it is necessary to enter into the Option Adjustment Mode

To Enter the Option Adjustment Mode

- Press the *Power* button to turn the DishDrawer on.
- Press and hold the *Program* and *Eco Save* button simultaneously for five seconds.
- When the buttons have been pressed correctly the DishDrawer will give one long beep.
- Release the two buttons. Use the buttons on the primary and secondary control panel to make your changes to the pre set options. These are explained below.
- Press *Power* to return to the Normal mode. Your DishDrawer will save these changes automatically.
- To make further changes repeat the above steps.

Rinse Agent Setting

- Enter the Option Adjustment Mode as explained above.
- The current rinse agent setting is shown on the secondary control panel in orange lights.
- Press the *Program* button to advance the setting. The options are from one to five. For example two orange lights indicate the rinse agent setting is set at two. Select the setting you require.
- Press *Power* button to return to the Normal mode.

Auto Power

When the Auto Power feature is on, it turns the DishDrawer automatically to the Normal Operating Mode, whenever the drawer is opened. The light above the *Start / Pause* button is green and a series of beeps are emitted when the DishDrawer is opened.

When the DishDrawer leaves the factory, the Auto Power feature is programmed to occur, however this can be turned on or off as desired.

- Enter into the Option Adjustment Mode as explained previously.
- Pressing the *Lock* button will turn the Auto Power on or off.
- If, after pressing the *Lock* button you hear a sequence of beeps then the Auto Power is on or if you hear one single beep then the Auto Power has been turned off. Select the setting you require.
- Press the *Power* button to return to the Normal Operating Mode.

When Auto Power is turned off, the light above the *Start / Pause* button does not light up when the drawer is opened and there are no beeps. To turn the DishDrawer on, press the *Power* button or the *Start / Pause* button to start the dishwasher.

Note: If the mains power supply is turned off then the Auto Power feature will default to the factory setting.

Water Pressure

The DishDrawer is programmed at the factory to suit most water supply pressures. However, a very low water pressure (≤ 4 psi) may result in a fault code occurring and if this happens then the water pressure setting should be changed.

- Enter into the Option Adjustment Mode as explained above.
- Pressing the *Start / Pause* button will change the water pressure settings.
- If after pressing the *Start / Pause* button the DishDrawer emits one high sounding beep then you have selected the high or standard pressure setting (HP) but if it emits a low sounding beep then you have changed the setting to low pressure (LP). Select the setting you require.
- Press the *Power* button to return to the Normal Operating Mode.

Warning:

Under no circumstances do we recommend you change your water pressure setting to low pressure "LP" if you have high or standard water pressure. Failure to follow this warning can result in damage to your DishDrawer or property.

WASH PROGRAM CHART

Wash Programs	When to Use	Detergent Quantities						Program Description											
		Pre Wash (tsp)	Main Wash (tsp)	Pre Wash 1	Pre Wash 2	Pre Wash 3	Main Wash	Post Wash 1	Post Wash 2	Post Wash 3	Drying Phase								
Rinse	To prevent soils drying onto dishes			✓															
Heavy	Heavily soiled tableware and cookware with dried on food residues	1	3	✓	✓					✓				✓					✓
Normal	Dishes with normal soils for optimum wash and dry performance	1	3	✓	✓									✓					✓
Fast	Slightly soiled, recently used dishes and cutlery		3	✓										✓					
Delicate	Slightly soiled tableware, fragile glassware and crockery	1	3	✓										✓					✓
Heavy	Heavily soiled everyday dishes including cookware that have been used recently	1	3	✓	✓					✓				✓					✓
Normal	Normally soiled dishes for optimum energy use	1	3	✓	✓									✓					✓
Fast	Very lightly soiled and non greasy dishes		3											✓					
Delicate	For non greasy, lightly soiled delicate and heat sensitive dishware		3	✓										✓					✓
		Plus Program (Red)						Eco Save Program (Green)											

Notes:

- The detergent quantities are for individual DishDrawers, however if you live in a soft water area you may need less detergent.
- A water softener is recommended if you live in a hard water area to improve water quality, detergent effectiveness and prevent build up of calcium deposits on dishes, cutlery and in the DishDrawer.
- We recommend that the drawer(s) be left ajar after the end of the program to improve drying.
- Remember that an insufficient amount of detergent will produce poor wash performance whereas excessive detergent does not improve wash results.
- When using the *Fast Eco Save* wash program, detergent should be placed in the main wash compartment only.
- At the end of the wash program, the drying fan will be on for a short period of time or until the drawer is opened. While the fan continues to be on, it assists with the drying and uses negligible amounts of energy.

INSTALLATION OF UPPER KICKSTRIP

To prevent injury or damage, the upper kickstrip is designed to be released from the drawer if any large item(s) are in its path during closing.

To reinstall the upper kickstrip, the following steps must be undertaken (see Figure 20).

- The upper kickstrip tabs must fit into the slots on the bottom drawer.
- Push the upper kickstrip back so that the clips on the panel, lock into the bottom drawer.

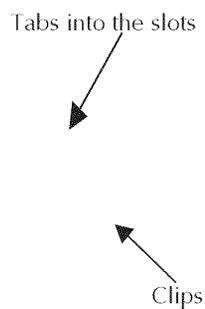


Figure 20 - Reinstallation of the Upper Kickstrip

CARE GUIDE

The combination of high temperatures and dishwasher detergent may cause damage to some items if they are washed in the DishDrawer.

Remember, if in any doubt about any aspect concerning items washed in the DishDrawer, follow the instructions from the manufacturer of the items, or wash the item 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.

Silverware and Cutlery

Cutlery 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.

Aluminum

Aluminum 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

Generally wooden items are 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.

USER MAINTENANCE INSTRUCTION

Cleaning the DishDrawer™

The secondary panel and the front of the DishDrawer may need wiping down from time to time. This can be done with a clean damp cloth.

We **do not recommend** the use of the following cleaning agents on or in your DishDrawer as they may damage it:

- Plastic or stainless steel scouring pads.
- Abrasive, solvent, household cleaners, acid or alkaline cleaners.
- Handwashing liquids, soap, laundry detergents or disinfectants.

If a dishwasher cleaner is used, we would strongly recommend a Heavy Plus wash program with detergent by run immediately afterward to prevent damaged to the DishDrawer.

Cleaning the Drain Filter, Spray Arm, Filter Plate and Motor Assembly

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.

To Clean the Drain Filter

- Lift up the drain filter access panel, if fitted on the basket.
- Lift and remove the drain filter out of the DishDrawer.
- Empty, rinse under clean running water and replace back into the allocated space. The correct placement of the drain filter is shown in Figure 21.

To Clean the Spray Arm

- Remove the basket carefully. Lift from the back end first so that you do not knock the detergent and rinse agent dispenser.
- Lift the spray arm.
- Shake any foreign material out of the spray arm.
- Rinse the spray arm under water and wipe the spray arm with a damp cloth.
- Replace the spray arm back onto the impeller. Figure 21 shows the correct placement of the spray arm.

1
2
3

Figure 21 - Internal Parts of the DishDrawer

Key

- 1. Spray Arm
- 2. Filter Plate
- 3. Drain Filter

To Clean the Filter Plate

- Ensure the DishDrawer is cool before you start cleaning.
- Remove the drain filter and spray arm (see previous instructions for their removal).
- 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 $\frac{1}{8}$ turn. This will release the filter plate.
- 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.
- Remove any soil, wash in hot soapy water and rinse thoroughly in clean water. The heater plate can be wiped with a damp cloth.
- Replace the filter plate so that it lies flat with the base of the DishDrawer ensuring the filter plate is fully locked into position with the outer ring. To lock the filter plate into position, ensure the triangles (▲) align with each other (see Figure 22 for the correct position). The filter plate must not be able to move about freely.

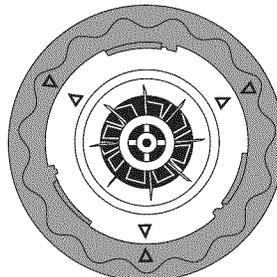


Figure 22 - Correct Locking Position of Filter Plate with Motor Assembly

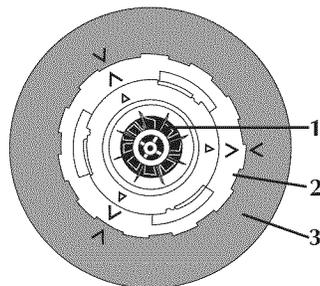


Figure 23 - Motor Assembly

Key

- 1. Impeller
- 2. Rotor Locking Ring
- 3. Heater Plate

To Clean the Motor Assembly

This area only needs to be cleaned under certain fault conditions. The fault code will appear on the secondary control panel and when you refer to the section on Fault Code Displays, it will explain under which conditions to clean the motor assembly.

- Follow the above instructions for the removal of the drain filter, spray arm and filter plate.
- Turn the rotor-locking ring counter clockwise and lift out. Once the motor assembly is lifted up, check the cavity for any foreign matter like bones or seeds and remove.
- Replace the motor assembly back into the small cavity in the DishDrawer. Turn the motor assembly clockwise about $\frac{1}{8}$ of a turn to lock into position. The arrows (∧) on the rotor locking ring and the motor housing must align with each other (see Figure 23). The motor assembly should not be able to be lifted up freely. Carefully replace all the other parts back into the DishDrawer.

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

Vacation Time

If the DishDrawer is not going to be used for some time, we recommend you:

- Ensure the baskets are empty.
- Leave the inside of the DishDrawer clean.
- Leave the drawers ajar to allow air to circulate.
- Turn off both the electricity and water supply to the DishDrawer.

PROBLEM SOLVER

If the DishDrawer does not appear to be working properly, check this chart and correct where possible. You are reminded that User faults are not covered by the warranty. If you need any assistance, please call our Customer Care Center on 1 888 9 367 872 before you call for service.

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
DishDrawer will not start	Power supply not connected	Connect the power supply.
	The drawer not closed properly	Ensure the drawer is firmly closed.
	Lock on	Remove the Lock function by holding down the <i>Lock</i> button until the red light above the <i>Lock</i> disappears.
	<i>Start / Pause</i> button not pressed	Press <i>Start / Pause</i> button.
DishDrawer does not drain	Drain hose bent or kinked	Straighten the drain hose.
	Filter plate / drain filter blocked	Clean the filter plate and drain filter.
Water does not flow into the DishDrawer	Water faucet turned off	Turn the water faucet on.
	Inlet hose bent or kinked	Straighten the inlet hose.
Water marks on the dishes	Insufficient rinse agent	Check if there is enough rinse agent in the dispenser.
	Rinse agent setting too low	Increase the rinse agent setting.
	DishDrawer overloaded or incorrectly loaded	Ensure the dishes are not nesting together.
	Too much detergent	Decrease the amount of detergent.

PROBLEM SOLVER

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
Dishes do not come out clean	Overloading the DishDrawer	Ensure that dishes are not nesting together.
	Unsuitable detergent	Use recommended brands of dishwasher detergent.
	Not enough detergent	Follow our wash program chart or the detergent manufacturer's instruction.
	Spray arm unable to rotate	Ensure there are no items blocking the path of the spray arm.
	Spray arm holes are blocked	Clean the spray arm
	Filter plate / Drain filter blocked	Clean the filter plate and drain filter.
	Wash program unsuitable for the load	Refer to wash program chart for suitable wash program or the soils were too heavily baked on and may need soaking.
	Filter plate / Drain filters not properly inserted	Refer to Section on User Maintenance Instruction
	Detergent put into the wrong detergent compartment	Detergent must be placed in the large compartment.
	Liquid detergents used	Once liquid detergents have been dispensed, start the DishDrawer promptly.
Excessive food not removed off plates	Scrape all food scraps off dishware.	
Mega Rack incorrectly installed	Refer to Section on DishDrawer Accessories for correct installation.	

PROBLEM SOLVER

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
Foaming	Incorrect amount of detergent	See wash program chart or consult the manufacturer's instruction.
	Too much egg yolk in wash load	Add detergent into the pre-rinse compartment.
	Rinse agent setting too high	Decrease rinse agent setting.
Dishes not dry	Incorrect loading	Ensure the dishes are not nesting together.
	An Eco Program has been chosen	Try using the Plus programs, the wash program light should be Red.
	Rinse agent depleted	Refill the rinse agent dispenser.
	Rinse agent setting too low	Increase rinse agent setting.
Detergent not dispensing	Detergent was wet when loaded	Clean the dispenser and ensure the detergent dispenser is dry when putting the detergent in.
Detergent not dispensing from the pre wash compartment	Type of wash program chosen	When using the <i>Fast Eco Save</i> program, detergent should be placed in the main wash compartment only.
Water Leaking	Drain hose disconnected from the waste pipe	Reconnect the drain hose.
	Supply inlet hose not connected properly	Securely reconnect the the inlet hose.
	Other Leaks	Turn the water and electricity to your DishDrawer off. Call your Fisher & Paykel Authorized Service Agent.

PROBLEM SOLVER

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
DishDrawer Interior Stained	Some foods, like tomato based products, may stain the interior of the DishDrawer	Pre-rinse dishes before placing in DishDrawer or use the rinse program after adding dishes, which may minimize the level of staining.
Excessive Motor Noise	Foreign matter in the motor assembly	Refer to Section on User Maintenance Instruction
	Motor assembly, filter plate and/or spray arm is incorrectly placed	Refer to Section on User Maintenance Instruction

FAULT CODE DISPLAYS

When a fault occurs, the light above the *Start/Pause* button is red and secondary panel light(s) inside the DishDrawer will indicate the type of fault which has occurred. The DishDrawer will continuously beep every second until the *Power* button has been pressed.

The fault codes are as follows and we recommend that you check the chart below to correct the fault where possible. If the fault code cannot be removed by pressing the *Power* button, turn the Power off at the mains supply, wait 10 seconds and turn the DishDrawer on again. When the red light above the *Start/Pause* button has disappeared, run the DishDrawer on a wash program to ensure the fault has been completely eliminated. If the fault code still appears, call your Fisher & Paykel Authorized Service Agent.

You are reminded that if you call a Fisher & Paykel Authorized Service Agent because of a user fault, it is not covered by the Warranty. Should you encounter any problems then we recommend that you telephone our Fisher & Paykel Customer Care Center on 1 888 9 367 872.

FAULT	INDICATIVE LIGHTS					WHAT TO DO
	Rinse	Heavy	Normal	Fast	Delicate	
FAULT CODE U2						
Drawer opened during wash	●			●		Press the <i>Power</i> button to clear the fault. Always press the <i>Start/Pause</i> button before opening the drawer if wash is in progress
FAULT CODE U3						
Incorrect water pressure setting	●			●	●	Change the water pressure setting to "HP". Refer to Section on Option Adjustment Mode.
Drain pump blocked						Clear the motor assembly of foreign material. Refer to Section on User Maintenance Instruction.
Incorrect Installation						Check the installation to ensure the drain hose(s) are not kinked.

FAULT CODE DISPLAYS

FAULT	INDICATIVE LIGHTS					WHAT TO DO
	Rinse	Heavy	Normal	Fast	Delicate	
FAULT CODE U1						
Fill Fault	●					●
Excessive foam.						<p>Excessive foam. Refer to Section on Problem Solver.</p> <p>Check the inlet hose is connected and the water faucet is turned on.</p> <p>Check the spray arm is correctly placed on the impeller. Refer to the Section on User Maintenance Instruction.</p>
Incorrect Installation						<p>Check the installation of the drain hose(s) and ensure it is supported to the recommended height above the base of the DishDrawer.</p>
Blocked inlet hose						<p>Check inlet hose filter is not blocked.</p>
Filter plate and spray arm incorrectly installed						<p>Check the filter plate is properly locked securely in place and the spray arm is correctly on the impeller. Refer to Section on User Maintenance Instruction.</p>
Very low water pressure (<4 psi)						<p>Change the water pressure setting to "LP". Refer to Section on Option Adjustment Mode.</p>

FAULT CODE DISPLAYS

FAULT	INDICATIVE LIGHTS					WHAT TO DO
	Rinse	Heavy	Normal	Fast	Delicate	
FAULT CODE F1						
Flood Switch has been activated				●		Turn the water faucet and mains power off to the DishDrawer and call your Fisher & Paykel Authorized Service Agent.
FAULT CODE F2						
Motor Problem				●		Ensure the motor assembly area is free of foreign matter. Refer to Section on User Maintenance Instruction.
Motor Assembly incorrectly installed						Correctly install the motor assembly. Care should also be taken to ensure the filter plate and spray arm are correctly placed. Refer to Section on User Maintenance Instruction.
FAULT CODE F3						
Water temperature greater than 175°F				●	●	Ensure the inlet water supply is no greater than 150°F.
Temperature Sensor has failed						Call your Fisher & Paykel Dealer or Authorized Service Agent.

FAULT CODE DISPLAYS

FAULT	INDICATIVE LIGHTS					WHAT TO DO
	Rinse	Heavy	Normal	Fast	Delicate	
FAULT CODE F4						
Faulty Temperature Sensor or element			●			Call your Fisher & Paykel Authorized Service Agent.
FAULT CODE F6						
Electronics malfunction			●	●		Call your Fisher & Paykel Authorized Service Agent.
FAULT CODE F7						
Electronics malfunction			●	●	●	Call your Fisher & Paykel Authorized Service Agent.
FAULT CODE F8						
Electronics malfunction		●			●	Call your Fisher & Paykel Authorized Service Agent.

DishDrawer Warranty

what is covered by the Warranty

FULL TWO YEAR SMART CARE WARRANTY

For two years from the date of original purchase, we will provide, free of charge, parts and service labor in your home to repair or replace *any part of the DishDrawer* that fails because of a manufacturing defect.

.....

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.

All warranty will be provided by a Fisher & Paykel Authorized Service Agent during normal working hours.

Should your appliance need service, during the warranty period or beyond, call **TOLL FREE 1 888 9 FNP USA (1 888 936 7872)**

what is not covered by the Warranty

- Service trips to your home to teach you how to use the product or change the set-up of the product or the fault(s) caused by the user.
Read your USE & CARE Manual. If you then have any questions about operating the product, please contact your dealer or call **1 888 9 FNP USA (1 888 936 7872)**
- Improper installation.
If you have an installation problem contact your dealer or installer. You are responsible for providing adequate electrical, exhausting and other connection facilities.
- Replacement of house fuses or resetting of circuit breakers.
- Failure of the product if it is misused, or used for other than the intended purpose or used commercially.
- Damage to product caused by accident, fire, floods or Acts of God.
- Correction of unauthorized repairs.
- Normal recommended maintenance as set out in the products USE & CARE Manual.

DishDrawer Warranty (continued)

what is not covered by the Warranty (continued)

WARRANTOR IS NOT RESPONSIBLE FOR CONSEQUENTIAL 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 write:
Fisher & Paykel Appliances Inc., 27 Hubble, Irvine,
CA 92618, USA.

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.

Model Number _____

Serial No. _____

Purchaser _____

Date of Purchase / /

Dealer _____

Address _____

SERVICE

For your local Fisher & Paykel Authorized Service Agent,
please call 1 888 9 FNP USA (1 888 936 7872)
or contact us through our web site,
www.fisherpaykel.com