

Fisher & Paykel

WashSmart™ and QuickSmart™
Front loading clothes washer

**Installation instructions
and User guide**

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Important!

SAVE THESE INSTRUCTIONS

The models shown in this User Guide may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please visit our local website listed on the back cover or contact your local Fisher & Paykel dealer.

2 Introduction

Welcome to *WashSmart™* and *QuickSmart™*

Thank you for buying a Fisher & Paykel clothes washer from our Front Loading range. We are proud of this washer and trust it will serve you well for many years.

At Fisher & Paykel we aim to provide innovative products that are simple to use, ergonomic and kind to the environment. Your front loading washer has numerous wash cycles and options so you can perform every wash task with ease and the knowledge your clothes are receiving the best possible care.

Please take the time to read these instructions carefully before you begin using your machine.

Following the advice in this user guide will ensure you get the performance you expect from your machine and that you get the best possible wash results. Keep these instructions for future reference.

We hope you enjoy your new washer. We have certainly enjoyed designing it for you.

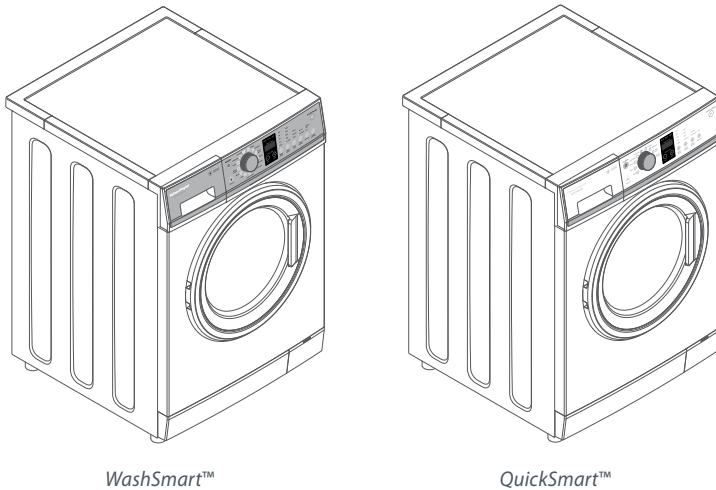


Fig.1 Front loading washer models

Accessories

Please check you received the following accessories with your Fisher & Paykel washer. You will find them inside the drum:

- 2 x Inlet hoses
- 1 x Drain hose guide
- 1 x Installation instructions and User guide
- 1 x Spanner
- 1 x Installation leaflet (attached to the top of the washer)
- 1 x Inlet valve cap

Unpacking

To ensure the best performance from your new washer please follow the instructions below.

Removing the packaging

- 1 Remove the outer packaging (including the polystyrene packer and plastic wrapping). All packaging must be removed prior to use. Ensure these materials are kept out of reach of children. Note: a small amount of water may be seen inside the packaging and inside the washer. This is the result of factory testing and is normal.
- 2 Tilt the machine backwards and 'walk' it off the base one foot at a time. Not doing so may cause damage to your floor and washer.
- 3 Remove all packaging and accessories from inside the drum.

Removing the transit bolts

The clothes washer is fitted with 4 transit bolts at the rear to avoid damage during transportation.

Important!

*The 4 transit bolts **MUST** be removed prior to operation of the machine. Failure to remove these will result in damage to the machine.*

To remove the bolts:

- 1 Use a spanner or socket to unscrew and remove all four transit bolts at the back of the washer (Figure 2, "C").
- 2 Pull the black rubber grommets to remove the bolt, grommet and white plastic spacers from the machine. Keep the transit bolts in case they are required for future transit of the machine. **Never transport the machine without the transit bolts properly fixed in place.**
- 3 Cover the bolt holes with the white plastic plugs which are attached to the machine and located near each hole (Figure 2, "P"). Push to clip into place.

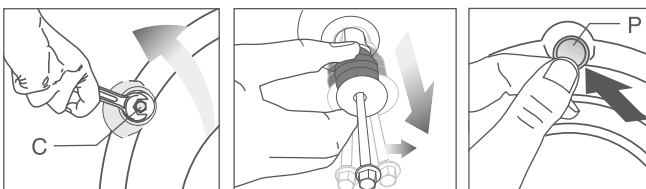


Fig.2 Removing the transit safety bolts

4 Installation instructions

Location

Install the machine on a solid and level floor surface ensuring it has at least 20 mm clearance on each side. The washer must not be installed on any textured floor coverings (eg carpet, rugs).

Levelling the machine

It is IMPORTANT to level the machine to ensure good spin performance, and to minimise noise, vibrations and wear and tear on the washer.

- 1 Before positioning the machine in its final position, check that the machine is level, front to back and side to side.
- 2 Manoeuvre the product into its final position (we suggest a minimum clearance of 20 mm each side).
- 3 Use a spirit level to check that the machine is correctly level. If needed, pull the machine out and wind the feet up or down to correctly level the machine.
- 4 Using the spanner provided, tighten the lock nuts against the base of the machine to lock the feet in position.

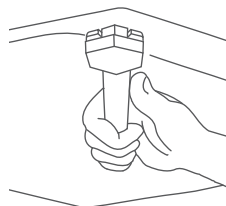


Fig.3 Locking the feet

Connecting to the water supply

Inlet hoses

Important!

- *New hose sets provided with the washer should be used to connect the washer to the water mains.*
- *Old hose sets should not be re-used.*
- *We recommend the inlet hoses are changed every 5 years.*
WARNING: Failure to do so may result in a flood and damage to property.

- 1 Connect the straight ends of the inlet hoses to the taps and the elbow ends to the corresponding machine inlet valves. The hot valve is colour coded orange to make this easier. Make sure there are no kinks in the hoses.
- 2 Turn the taps on and check for leaks. Check for leaks again after 24 hours.

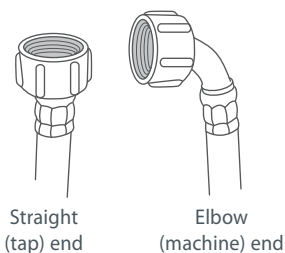


Fig.4 Inlet hose ends

Important!

The hot water temperature should not exceed 65°C and the cold water temperature not exceed 35°C. Temperatures above these may cause the machine to fault or cause damage to the machine.

If you have an uncontrolled water heating source (eg a wet back or solar heating system) you should fit a Hot 'N' Safe Valve. This will ensure the hot water temperature remains within safe limits.

Hot 'N' Safe Valves available are:

RMC TVA 50HF

RMC TVA 75HFS

Adjustable between 35°C – 55°C

RMC TVA 50HP

For instantaneous gas hot water supply

Water supply requirements:

- Inlet water pressure: Maximum 1 MPa (150 psi), Minimum 30 kPa (4.5 psi)
- Inlet water flow rate: Minimum 6 litres / minute

Cold supply only:

If you only have a cold water supply, the inlet valve cap (blanking cap) which came with your washer must be connected to the hot inlet valve. The cap prevents water leaking out of the hot valve. This appliance incorporates backflow protection complying with AS3500.1. No further backflow protection is required for connection to the water supply.

Note: your washer has an internal heater to heat water. If you do not connect a hot water inlet hose, your washer will automatically recognise there is no hot water supply and its internal heater will heat the cold water to the required cycle temperature.

Draining

Drain hose placement

- 1 To guide the drain hose over the tub or standpipe the hose guide must be fitted to the drain hose. The height of the standpipe or tub should be between 800 – 1200 mm.
- 2 Secure the hose guide so it cannot become dislodged from the standpipe or tub.

Important!

If the drain hose is placed on the ground or if the standpipe or tub is less than 800 mm high, the washing machine will continuously drain while being filled (siphon).

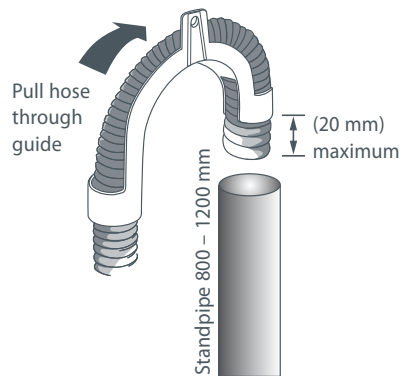


Fig.5 Fitting the drain hose guide

- Regularly check that your standpipe or tub is free from lint or other obstructions, which may affect how your machine works or may cause flooding.
- The drain hoses should be checked from time to time and replaced if any damage (eg wear, cuts, bulges, kinks, leaks, etc) is found. Do not bend the drain hose sharply, as this may cause it to split.
- In multi-storey apartments or any upper floor, the machine should be installed on a floor equipped with a drain.
- Draining must comply with local by-laws.

6 Installation instructions

Electrical connection

- 1 This appliance must be connected to a 220 V – 240 V, 50 Hz, sinusoidal, 10 A electrical supply.
 - 2 Uncoil the power cord, remove and discard the plastic pin cover and plug into a wall socket.
 - 3 Connect the appliance to an earthed outlet protected by a fuse of suitable capacity.
- Check the power cord for damage and make sure it is not squashed or twisted when installing the washer.
 - Always remove the power cord from a socket by the plug, not by the cord.

Important!

- *If you are using an extension cord or a portable electrical outlet device (eg multi-socket outlet box), ensure that it is positioned so that it does not come into contact with water or moisture. FAILURE TO DO SO MAY RESULT IN DEATH OR ELECTRICAL SHOCK.*
- *Do not touch or operate the machine with wet hands or with bare-feet.*
- *A damaged power cord must be replaced by a Fisher & Paykel Authorised Repairer, its service agent or similarly qualified persons in order to avoid a hazard. The appliance must not be operated until it is repaired, as there is risk of electric shock.*
- *Do not operate this machine if it has been damaged during transport. Contact your Fisher & Paykel Dealer or Fisher & Paykel Authorised Repairer.*

Spare parts

Available from your Fisher & Paykel Dealer or a Fisher & Paykel Authorised Repairer.

Hose Inlet Long (2 m)	Part No. 422680P
Hose Inlet Large Bore	Part No. 426123P
Drain Hose Extension	Part No. 425627P

Completing the installation

Installation test cycle

Important!

Do this before you wash any items in your washer. This is to check that your washer is installed correctly and that it is functioning correctly prior to use.

- 1 Turn your washer on by pressing the POWER button.
- 2 Select the QUICK cycle. Ensure the drum is empty and the door closed.
- 3 Touch the START / PAUSE button. The machine will start to fill.
 - Observe the machine for any problems (eg leaking from the hoses, excess noise or vibrations).
 - The washer will beep and display any faults on the screen if there are any problems. Refer to pages 29 to 31.
- 4 Wait until you see water in the bottom of the drum.
- 5 Touch START / PAUSE to stop the cycle, then press POWER to turn the machine off.
- 6 Press POWER again, select the SPIN cycle and touch START / PAUSE.
 - Check the drain hose is firmly secured to the standpipe or tub.
 - Observe that the machine pumps out the water, and spins.

Important!

If there are any problems, you must address these before proceeding with normal use. The washer will automatically turn off at the end of the cycle if there are no problems.

Clothes washer safety

- This clothes washer is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised or given instructions on how to use the washer by someone responsible for their safety.
- The washer should only be used for washing and rinsing of textiles where this is indicated on the care label.
- The door will be locked from the start of the cycle until the cycle is complete for safety reasons. It is possible to open the door during the cycle under certain conditions (refer to page 15).
- Never force the door open.
- Keep children away from the washer while it is in operation.
- Supervise children to ensure they do not play with the washer or climb inside the drum.
- Do not touch the glass part of the door during a cycle as the door can become hot.
- Do not open the detergent dispenser during the cycle as hot water may come out of it.
- The only user-removable parts of the washer are the inlet hoses, detergent dispenser and the pump filter. No other parts are designed to be removed by anyone other than a Fisher & Paykel Authorised Repairer.
- When disposing of the washer, it is recommended that the door is removed to avoid children getting trapped inside, and that the electrical cable is cut off close to the washer.

Specifications

Name	Model number	Maximum capacity (kg)	Width (mm)	Depth (mm)	Depth with door open (mm)	Height (mm)
<i>WashSmart</i> [™]	WH7560P1	7.5	600	590	1010	850
<i>WashSmart</i> [™]	WH8560P1	8.5	600	645	1065	850
<i>QuickSmart</i> [™]	WH7560J1	7.5	600	590	1010	850
<i>QuickSmart</i> [™]	WH8560J1	8.5	600	645	1065	850

Note: the exact height of your washer is dependent on how far the feet are extended from the base of the machine. The space where you install your washer needs to be at least 40 mm wider and 20 mm deeper than its dimensions.

- Electrical supply: 220 – 240 V, 50 Hz Sinusoidal, 10 A
- Inlet water static pressure: Max. 1 MPa (150 psi), Min. 30 kPa (4.5 psi)
- Inlet water flow rate at tap: Min. 6 litres / min
- Standpipe / tub height: 800 – 1200 min

Before you start, it is a good idea to go through the following checklist:


- 1 Have the packaging and transit bolts been removed?
- 2 Is the drain hose threaded through the 'U bend' (with no more than 20 mm extended) and hooked into your standpipe or tub?
- 3 Is the hot hose connected to the hot valve (colour-coded orange)? Is the cold hose connected to the cold valve (colour-coded white)? Have the taps been turned on?
- 4 Is the machine correctly levelled, feet are locked and cabinet corners clear of the floor and walls?
- 5 Has the power cord been connected to an appropriate power supply and the power turned on?
- 6 Have you performed the installation test cycle?
- 7 We recommend you complete your first cycle with a half-load amount of detergent and without a load in order to remove any residues remaining in the machine from the manufacturing process.

Important!

You must ensure all 4 transit bolts have been removed from your washer before you start using it. If the transit bolts are not removed, they will damage your washer and YOUR WARRANTY WILL BE COMPROMISED.

10 Getting started quickly

WashSmart™ – WH7560P1, WH8560P1

- Sort your washing carefully. Separate white/light colours from dark colours. Wash new, highly coloured and dark coloured items separately to prevent dye transfer. Refer to page 16.
- Load your clothes individually into the wash drum. Close the door.
- Place detergent in the correct compartment in the detergent dispenser drawer (marked "2"). Use **Low Sudsing** or '**Front Loader**' liquid or powder detergents. Alternatively use detergent pods. Place the pod at the back of the drum before you load any clothing. For more information on detergent refer to pages 18 and 19.
- If you wish to use fabric softener, place it in the compartment marked with a . For more information on fabric softener refer to page 19.

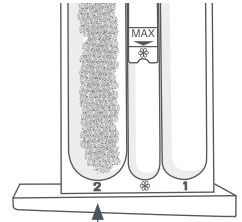


Fig.6 Detergent in compartment marked 2

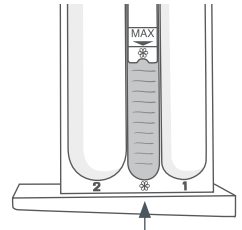


Fig.7 Fabric softener in compartment

Important!

Fabric softener should not be used if you have selected the **QUICK** or **SUPER QUICK** cycles.

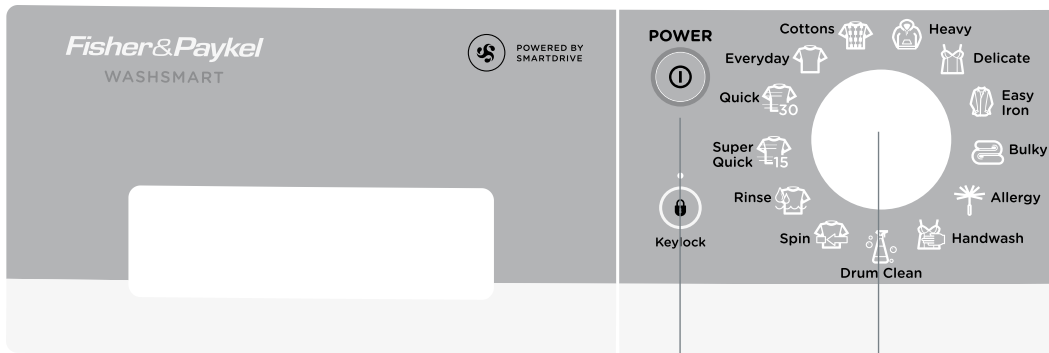


Fig.8 WashSmart™ control panel

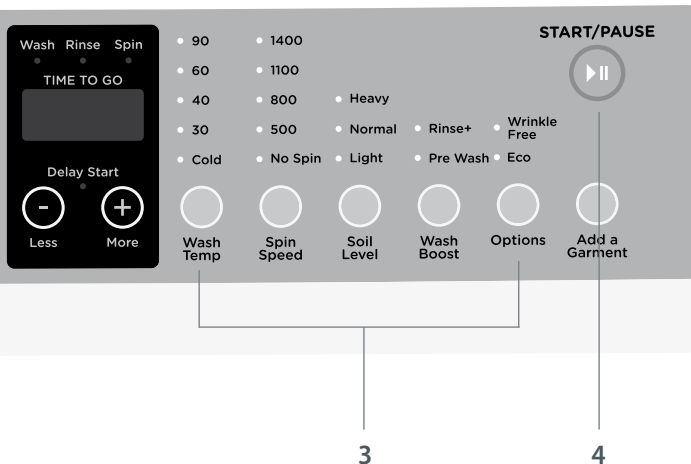
1

2

- 1 Press POWER to activate your washer.
- 2 Select your wash cycle by turning the SmartTouch Control Dial.
- 3 Choose your wash options, if you wish to select options different from the default options for the cycle.
- 4 Touch START/PAUSE to start the cycle.
 - If you make an invalid selection the washer will beep to alert you.
 - When the cycle finishes, your washer will perform end of cycle beeps and then turn off automatically.
 - If you wish to stop your washer at any point during a cycle simply touch START/PAUSE to pause the cycle. There may be a slight delay while the drum comes to a stop, then the door will unlock. In certain conditions however the door will remain locked for safety reasons (refer to page 15).
 - If you wish to cancel or change the wash cycle once a cycle has started, touch the START/PAUSE button then select the new cycle. Touch START/PAUSE to restart the washer.


Important!

- *For the best fabric and colour care, remove your clothes as soon as the cycle has finished.*
- *Failure to follow the advice in this guide may result in damage to your garments and your expectations of wash performance may not be met.*



12 Getting started quickly

QuickSmart™ – WH7560J1, WH8560J1

- Sort your washing carefully. Separate white/light colours from dark colours. Wash new, highly coloured and dark coloured items separately to prevent dye transfer. Refer to page 16.
- Load your clothes individually into the wash drum. Close the door.
- Place detergent in the correct compartment in the detergent dispenser drawer (marked "2"). Use **Low Sudsing** or '**Front Loader**' liquid or powder detergents. Alternatively use detergent pods. Place the pod at the back of the drum before you load in any clothing. For more information on detergent refer to pages 18 and 19.
- Place fabric softener in the compartment marked with a . For more information on fabric softener refer to page 19.

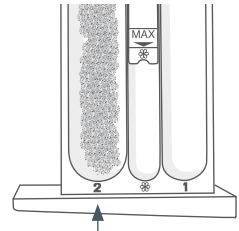


Fig.9 Detergent in compartment marked 2

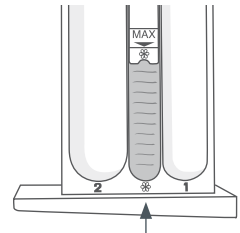


Fig.10 Fabric softener in compartment

Important!

Fabric softener must not be used if you have selected the QUICK cycle.

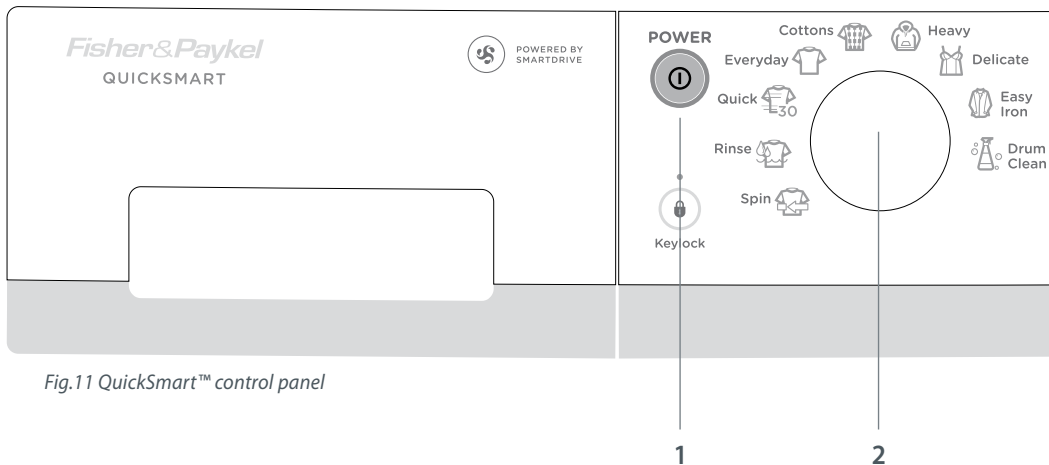
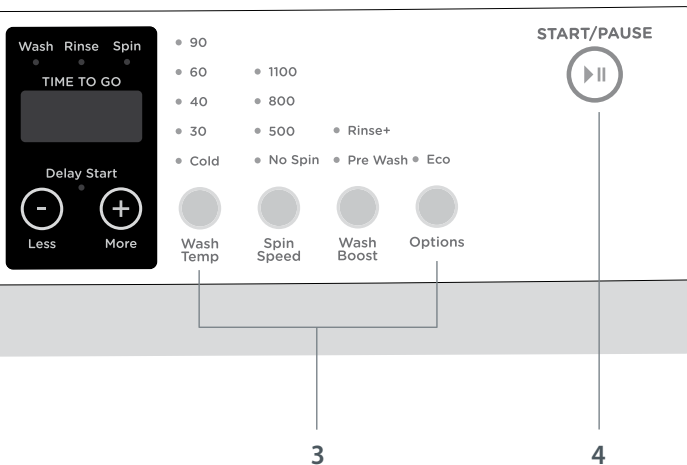


Fig.11 QuickSmart™ control panel

- 1 Press POWER to activate your washer.
- 2 Select your wash cycle by turning the SmartTouch Control Dial.
- 3 Choose your wash options, if you wish to select options different from the default options for the cycle.
- 4 Touch START/PAUSE to start the cycle.
 - If you make an invalid selection the washer will beep at you.
 - When the cycle finishes, your washer will perform end of cycle beeps to alert you and then turn off automatically.
 - If you wish to stop your washer at any point during a cycle, simply touch START/PAUSE to pause the cycle. There may be a slight delay while the drum comes to a stop, then the door will unlock. In certain conditions however the door will remain locked for safety reasons (refer to page 15).
 - If you wish to cancel or change the wash cycle once a cycle has started, touch the START/PAUSE button then select the new cycle. Touch START/PAUSE to restart the washer.

Important!

- *For the best fabric and colour care, remove your clothes as soon as the cycle has finished.*
- *Failure to follow the advice in this guide may result in damage to your garments and your expectations of wash performance may not be met.*



14 WashSmart™ and QuickSmart™ controls

SmartTouch Control Dial

The SmartTouch Control Dial provides easy and efficient wash cycle selection. As you rotate the dial, the icon of the wash cycle selected will be illuminated, along with the default settings for that cycle on the right side of the control panel.



Fig.12 SmartTouch Control Dial

SmartTouch buttons

The smooth, easy clean buttons enable easy selection of options with lights clearly showing the selections you are making.



Fig.13 SmartTouch buttons

Digital display screen

The digital display screen provides feedback on how long the wash cycle has to go. If you have programmed a DELAY START, the time remaining till the cycle will start will be displayed here, along with any messages to help you with the overall running of your washer (eg user warnings).

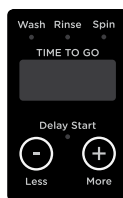


Fig.14 Digital display screen

Time to go

Your washer displays approximately how many minutes the cycle you are running has remaining, so that you can tell at a glance when your washing will be finished.

Please be aware that a number of factors can influence the overall cycle time, eg the water flow rate, water pressure, whether hot water is being used from the tap or the water is heated by the internal heater, load size, cycle and option selections. Therefore cycle times will vary. Unexpected factors in a wash cycle (eg out of balance, oversudsing) can lengthen the cycle time. The time remaining is constantly updated taking these factors into account, which may mean the time displayed for the cycle becomes longer than was initially estimated.

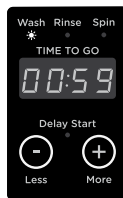


Fig.15 Time to go

Progress lights

The progress lights indicate what part of the cycle the washer is currently on (wash, rinse or spin). All three lights are on at the beginning of the cycle. The light for the current part of the cycle flashes, and each one goes out when that part of the cycle is complete.

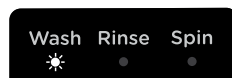


Fig.16 Progress lights

Keylock mode

Keylock can be used to lock the buttons on your washer. This will avoid accidental button pushes. For more detail please refer to page 24.



Fig.17 Keylock mode

Door lock

The door of your washer is locked once you touch START / PAUSE until the machine beeps at the end of the cycle, ensuring safety for you and your family while your machine is operating.

To unlock the door during the cycle

- You can open the door to add or remove items during the wash simply by touching the START / PAUSE button. Note: the door will remain locked if the temperature inside the washer is above 60°C and / or the water level is above the bottom of the door seal (a warning will be displayed in these circumstances, refer to page 30).
- Simply touch START / PAUSE and the door will automatically unlock if the conditions inside the washer are safe (the START / PAUSE button and TIME REMAINING on the screen will flash). Open the door and remove or add garments. Close the door and touch START / PAUSE to resume the cycle.

Add a Garment (*WashSmart™* only)

The ADD A GARMENT function can be used to interrupt the cycle to add or remove a garment at anytime during the wash (as long as the wash temperature selected for the cycle is lower than 60°C) by draining water from the machine to a level where the door can be opened, if necessary. Refer to page 23 for more information.

Opening the door during a power failure

If there is a power failure during a wash cycle your washer will stop and the door will remain locked. You can unlock the washer door to remove your clothes by opening the pump filter cover at the bottom right of your washer. Simply place a coin or key in the slot and tilt it upwards to lever the cover open, then pull the door release tab.

Do not attempt to do this if the water level in the washer is above the level of the door. When power is restored you will need to restart your machine by simply pressing the POWER button. The washer will remember where in the cycle it was up to.

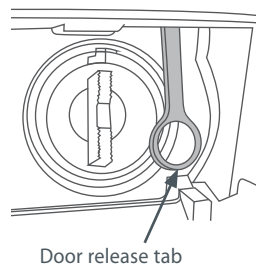


Fig.18 Manual door opening mechanism

Your washer also has the following protective measures:

- Flood protection – turns off valves and turns pump on if a flood condition is detected.
- Out-of-balance protection – stops and redistributes the load if an unbalanced load condition is sensed, and / or slows the spin speed to compensate.
- Excess suds protection – pauses for 10 minutes to allow suds to break down before continuing the cycle.

16 Sorting and loading

When preparing your wash load there are some important things to consider:

Sorting

Sort items according to colour, fabric type, and soil type. Wash fine, delicate fabrics separately from thick, heavy fabrics. Always separate coloured items from whites, especially when they are new. Colour run could be an issue if you wash items at higher temperatures. Some soils, like mud and blood are best washed in cold water. Oily soils (eg some foods and marks on shirt collars) are best washed in warm water. The following are recommendations for what cycles and settings you may wish to wash different items on, and suggestions for special wash requirements.

Items/Wash requirements	Suggested cycle & options	Suggested temperature
Towels	Everyday	30°C or 40°C
Sheets, pillowcases	Everyday, 1100 rpm spin	30°C or 40°C
Bulky items – doonas, duvets, sleeping bags	Bulky*	30°C or 40°C
Shirts, pants, other creasables	Easy Iron, 800 rpm	30°C or 40°C
Woollens, silks	Handwash*, 500 rpm	30°C
Delicates, fine fabrics	Delicate, or Handwash*	30°C
Jeans	Everyday or Heavy	30°C or 40°C
Highly coloured items	Everyday	Cold or 30°C
Whites, cotton items	Cottons	40°C or 60°C
Have sensitive skin or require extra rinsing?	Allergy*, Rinse+, 1100 rpm	40°C
Asthma/allergies	Allergy*, Rinse+	60°C
Lightly soiled items	Quick	30°C
Muddy, sandy or linty items	Everyday, Pre Wash and Rinse+	Cold
Smelly washer	Drum Clean	90°C

* Wash cycle available on *WashSmart™* models only.

Before you load

- Check pockets for items that could damage your clothes or get caught in the washer.
- Close zippers, hooks and eyes, and other fastenings (ie fasten the opening of duvet / doona covers), and remove loose bra wires. All these can damage both your washer and your clothes.
- Place delicate items, such as lingerie, in a mesh laundry bag before placing in the machine.
- Pre-treat any stains, taking care not to spray pre-treaters on your washer as they can cause damage to the plastic surfaces.

Loading

Your washer will be more efficient when washing larger loads, so try to collect enough items to loosely fill the drum when the items are dry.

Important!

- *Do not overload your washing machine beyond its rated capacity.*
- *Please do not under any circumstances wash an electric blanket in your washer.*
- *Do not wash curtains in this washer, as sunlight makes them brittle and they may disintegrate during washing.*

18 Detergent and fabric softener

Detergent type

Your *WashSmart™* or *QuickSmart™* washer requires low sudsing detergent to prevent oversudsing problems. Low sudsing detergent comes in powder, liquid or pod form and is labelled “Front Loading”, “Low Suds”, “High Efficiency” or “HE”.

Using top loading detergent in your front loader washer may lead to excessive suds formation, which will lengthen the cycle time as the machine waits for the suds to dissolve.

Where do I put my detergent?

Powdered or liquid detergent is added to the main wash detergent compartment on the left side of the dispensing drawer marked with a “2”. As the machine fills, some water is flushed through this compartment to deliver a detergent solution into the drum.

Pods – Detergent pods are a “no mess” alternative to powdered or liquid detergent. They must be placed at the back of the drum prior to loading your clothes. This will ensure they are activated quickly in the wash. Do not place pods in the detergent dispenser drawer.

If you wish to use the PRE WASH option, liquid or powdered detergent must be placed in the pre wash detergent compartment on the right side of the drawer, marked with a “1”. When you select PRE WASH, the pre wash compartment is flushed at the start of the cycle.

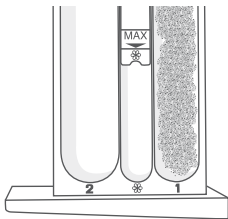


Fig.19 Detergent in the pre wash compartment



Fig.20 Pre wash option

Important!

- If you select the PRE WASH you cannot use liquid detergent in the main wash detergent compartment. You must use powdered detergent for the main wash.
- Make sure the detergent dispenser draw is completely closed before starting the cycle.

How much detergent?


The correct detergent dosage varies depending on the amount of soil in your load, the size of the load and the water quality, so getting the correct dose takes some trial and error. Use the instructions stated on the detergent label as a guide, then alter the dosage according to the results.

If you overdose, you will get over foaming issues, but if you under-dose you will get poor performance and over time your washer will start to smell as scum builds up inside it.

Detergent advice

- 1 If your washer smells you are probably not using enough detergent for the soil level in your loads. Run a DRUM CLEAN cycle and either buy a better quality detergent or use a higher dose. If you are using an 'Eco' detergent, alternate the use of this with a mainstream detergent.
- 2 Add the detergent BEFORE starting the cycle, close the dispenser and do not open it while the cycle is running.
- 3 If you find foam leaking from your washer, check you are using a low sudsing or front loader type detergent and check the quantity you are using against the detergent manufacturers recommendation. You may need to reduce the amount you are using.

Fabric softener

Fabric softener is added to the middle compartment of the dispenser marked with a . The washer will automatically flush the softener during the rinse.

If you wish to use fabric softener we recommend to:

- 1 Use it sparingly. Measure it carefully and do not use more than 25 mls (½ cap) (some thicker varieties may need diluting).
- 2 Clean your dispenser regularly.
- 3 Clean your machine regularly using the DRUM CLEAN cycle.
- 4 Complete wash cycles at a wash temperature of 40°C or above at regular intervals (eg every 5th wash) as washing in cold water increases the chance of scrud occurring (see below).

Note: if you fill beyond the MAX mark, the fabric softener will be dispensed into the bowl prematurely and contribute to scrud.

Scrud

Scrud is the name of the waxy build-up that can occur within any washer when fabric softener comes in contact with detergent. This build-up is not brought about by a fault in the machine. If scrud is allowed to build up in the machine it can result in stains on clothes and an unpleasant smell in your washer.

WashSmart™



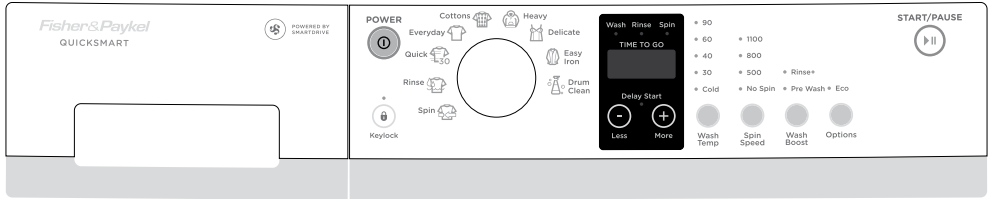
Your WashSmart™ washer has a number of wash cycles to suit your laundering needs. Selecting the most appropriate cycle for each particular wash load will help ensure you get the best wash result.

Cycle	Designed for	Description	Max. load size (kg)*	Default wash temp. (°C)	Max. wash temp. (°C)	Default spin speed (rpm)	Max. spin speed (rpm)
Cottons**	Normally soiled everyday cotton loads, eg whites.	A comprehensive cycle specifically designed for cottons.	7.5 or 8.5	40	90	1400	1400
Everyday	Normally or lightly soiled everyday items eg towels, sheets, sweatshirts, t-shirts.	A faster cycle designed for mixed loads with normal soiling.	7.5 or 8.5	40	90	1400	1400
Heavy	Heavy soiled durable garments eg tea towels, rugby shorts.	A stronger, hotter wash for more durable items.	7.5 or 8.5	60	90	1400	1400
Delicate	Delicate lightly soiled items, eg tops.	Gentler wash with more water to look after delicate items.	4	40	60	500	800
Easy Iron	Minimising creasing eg shirts, trousers.	Less spinning with WRINKLE FREE option to help minimise the need for ironing.	4	40	60	800	800
Bulky	Washing bulky items.	A warm, gentle wash and slow spin for special care of bulky items.	4	60	90	800	800
Allergy	Asthma sufferers and people with skin sensitivities.	Hot wash to kill dust mites and extra rinses to remove all traces of detergent.	7.5 or 8.5	60	90	1400	1400
Handwash	Very delicate lightly soiled garments, eg woollens.	Very gentle wash action for extra special items.	2	30	40	500	500
Quick	Lightly soiled garments.	A quick cycle for lightly soiled loads.	4	40	40	800	1100
Super Quick	Freshening up small musty or lightly soiled items.	A quick cycle for small lightly soiled loads.	2	40	60	800	1400
Rinse	Items that require rinsing only.	Two rinses followed by a spin.	7.5 or 8.5	Cold	Cold	1400	1400
Spin	Spinning wet items.	Spin only.	7.5 or 8.5	N/A	N/A	1400	-
Drum Clean	Maintaining the cleanliness of your washer.	A hot cycle to remove any residues inside the washer.	-	90	90	1400	1400

* Depends on your model of washer (7.5 kg or 8.5 kg capacity).

** Cottons, 40°C, 1400 rpm, Normal soil level and the Eco option selected is the recommended water and energy saving cycle for normally soiled, everyday washing.

QuickSmart™



Your QuickSmart™ washer has a number of wash cycles to suit your laundering needs. Selecting the most appropriate cycle for each particular wash load will help ensure you get the best wash result.

Cycle	Designed for	Description	Max. load size (kg)*	Default wash temp. (°C)	Max. wash temp. (°C)	Default spin speed (rpm)	Max. spin speed (rpm)
Cottons**	Normally soiled everyday cotton loads, eg whites.	A comprehensive cycle specifically designed for cottons.	7.5 or 8.5	40	90	1100	1100
Everyday	Normally or lightly soiled everyday items eg towels, sheets, sweatshirts, t-shirts.	A faster cycle designed for mixed loads with normal soiling.	7.5 or 8.5	40	90	1100	1100
Heavy	Heavy soiled durable garments eg tea towels, rugby shorts.	A stronger, hotter wash for difficult stains on durables.	7.5 or 8.5	60	90	1100	1100
Delicate	Delicate lightly soiled items, eg tops.	Gentler wash with more water to look after delicate items.	4	40	60	500	800
Easy Iron	Minimising creasing eg shirts, trousers.	Less spinning with WRINKLE FREE option to help minimise the need for ironing.	4	40	60	800	800
Quick	Lightly soiled garments.	A quick cycle for lightly soiled loads.	4	40	40	800	1100
Rinse	Items that require rinsing only.	Two rinses followed by a spin.	7.5 or 8.5	Cold	Cold	1100	1100
Spin	Spinning out wet items.	Spin only.	7.5 or 8.5	N/A	N/A	1100	1100
Drum Clean	Maintaining the cleanliness of your washer.	A hot cycle to remove any residues inside the washer.	-	90	90	1100	1100

* Depends on your model of washer (7.5 kg or 8.5 kg capacity).

** Cottons, 40°C, 1100 rpm and the Eco option selected is the recommended water and energy saving cycle for normally soiled, everyday washing.

If you wash a particularly dirty load, we recommend putting the washer through a RINSE cycle once the cycle has finished and the load has been removed, to clean out any remnants from that cycle and to prevent contamination of the next loads that are washed.

22 Wash cycle options

All wash cycles default to the recommended options for that cycle based on the average expected load to be washed using that cycle. You can vary the options (eg WASH TEMP, SPIN SPEED) to create your desired cycle. Note: some options are not available on some cycles, for clothes care reasons, or because the option is not appropriate for the cycle.

To change a wash option or options you have selected after a cycle has started, touch START/PAUSE and select your new setting, then touch START/PAUSE again to resume the cycle with the new setting or settings. Note: some options may not be available for selection under certain conditions and after particular stages of the cycle have passed.

Wash Temp

Your washer offers five wash temperatures:

Cold	30°C	40°C	60°C	90°C
------	------	------	------	------

- Simply touch the WASH TEMP button to increase or decrease the wash temperature.
- The washer will fill with both hot and cold water to achieve the selected wash temperature. If required the washer will heat the water to the selected temperature.
- Some temperatures are not available on some cycles as a safeguard for your clothes (eg 60°C and 90°C on the HANDWASH cycle).

Spin Speed

- Your *WashSmart*[™] washer offers four spin speeds: 500 rpm, 800 rpm, 1100 rpm and 1400 rpm, plus an additional NO SPIN option.
- Your *QuickSmart*[™] washer offers three spin speeds: 500 rpm, 800 rpm, 1100 rpm, plus an additional NO SPIN option.
- Simply increase or decrease your spin speed by touching the SPIN SPEED button.
- Selecting NO SPIN will end the cycle after the rinse, allowing you to remove items you wish to drip dry. Note: the washer will complete the default wash and rinse spins for the cycle; only the final spin will not be completed. If you have removed the items you wish to drip dry and there are items remaining in the load that you would like to proceed to spin, press POWER and select the SPIN cycle. If necessary modify the spin speed to best care for your load (ie spin delicate items at 500 rpm for best garment care).

Soil Level (*WashSmart*[™] only)

The SOIL LEVEL option lets you adjust the wash to suit the amount of soil in your load. For example, select HEAVY for dirty clothes; for items that are only lightly soiled, select LIGHT. This adjusts the wash time accordingly to give the load the right amount of agitation to remove the soil.

Wash Boost

Pre Wash

For extra dirty loads you can perform a PRE WASH. Your washer will start the wash with a short wash in cool water to remove excess soil. After this the machine will drain and then fill at the selected temperature for the main wash.

If you use the PRE WASH option, liquid or powdered detergent needs to be placed in the correct detergent compartment. The pre wash compartment is on the right hand side of the drawer, marked "1". When you select PRE WASH, the compartment is flushed at the start of the cycle. The detergent for the main wash must be a powder, and should be placed in the compartment marked "2".

Simply touch the WASH BOOST button and select PRE WASH when choosing your wash options. Note: PRE WASH cannot be selected after a wash cycle has been started, ie if you touch START / PAUSE and try to select PRE WASH it will be unavailable. PRE WASH must be selected at the start of the cycle.

Rinse+

If you have a particularly dirty load, or you have sensitive skin and wish to give your clothes an extra rinse, select RINSE+ from the WASH BOOST options. Your load will undergo an extra rinse to get rid of any residual detergent or soil in the items.

Note: RINSE+ will not be available if the ECO option has been selected.

Options

Wrinkle Free (*WashSmart*[™] only)

We recommend you remove the clothes from the washer immediately after the completion of the cycle to minimise wrinkling and creasing of items and to prevent dye run. However, if you will not be present at the end of the wash you can select WRINKLE FREE.

When WRINKLE FREE is selected, the washer will tumble the clothes once every 15 minutes for up to 12 hours after the cycle has finished. The WRINKLE FREE light and START / PAUSE button will flash, and the washer will beep at regular intervals to remind you to remove your load. To remove the load during this phase, simply press the START / PAUSE button.

Eco

Use the ECO option to save water and energy. Selecting ECO will reduce the wash temperature slightly and increase the wash time by approximately 10 minutes.

- *If you wish to, you can select both the PRE WASH and RINSE+ WASH BOOST options to perform on the same cycle. Likewise, you can select ECO and WRINKLE FREE to perform on the same cycle. Touch the appropriate button until both options are selected. Repeat to deselect an option.*
- *For clothes care and performance reasons not all options may be available on some cycles.*

Add a Garment (*WashSmart*[™] only)

The ADD A GARMENT option enables you to add or remove items during the wash stage of the cycle, under certain conditions. Once the ADD A GARMENT button is touched, the START / PAUSE button and TIME REMAINING will flash. Wait until you hear the door unlock. Open the door and add or remove items. Close the door and touch START / PAUSE to restart the cycle. The ADD A GARMENT button will only operate during the wash part of the cycle and when the temperature selected is lower than 60°C. ADD A GARMENT can be used when the total wash volume has been reached, as your washer will drain the water to a lower level if necessary so the door can be opened.

Keylock

This option enables you to deactivate the buttons on the display panel, except for the POWER and KEYLOCK buttons. This prevents accidental button presses.

To turn Keylock mode ON or OFF, when the washer is powered on:

- Touch and hold the KEYLOCK button for 2 seconds.



Note: when activated, the light above the KEYLOCK button is illuminated.


If Keylock mode is activated and the machine is powered off:


- To turn your washer on, press the POWER button, then touch and hold the KEYLOCK button for two seconds. Select your wash cycle, options and then START / PAUSE to start the cycle.

Delay Start

The DELAY START option enables you to delay the start of the wash cycle from between 5 minutes and 12 hours. Times you can select are 5 min, 15 min, 30 min, 1 hour, then hourly up to 12 hours. This can be useful to time your washing to finish when you arrive home from work, or to start once you have finished in the shower. Certain stain removers also require you to spray them on then leave for several minutes, before washing. Your washer will wait for the selected time then start without you having to wait or remember to start your machine.

To programme a DELAY START time, simply touch the MORE  button to increase the delay time and LESS  button to decrease the time or turn DELAY START off. Touch START / PAUSE to confirm your selection and start the countdown. Once started, the time will countdown on the digital display panel in 1 minute increments, the DELAY START light will flash and the START / PAUSE light will stop flashing and turn on solid.

Note: if you hold the MORE  button down, the time displayed on the screen will increase after every half a second (more convenient than touching the button repetitively).

To remove a delay start time once it is counting down, simply touch START / PAUSE, then touch the LESS  button to decrease the time to zero. Touch START / PAUSE to start the cycle immediately.

Note: we suggest that you avoid using DELAY START for damp, non-colourfast items as this may cause dye run to occur. We also recommend you use powder detergent when you use the DELAY START function.

After using your washer a few times you may discover there are some wash options you prefer for some cycles.

You can programme your washer to remember the wash options you prefer for each wash cycle. For instance, you may want to set the EASY IRON cycle to cold wash temperature or set the EVERYDAY cycle so it gives you Rinse+ every cycle.



To customise a cycle:

- 1 Press POWER to turn the machine on.
- 2 Turn the dial to select the cycle you wish to customise.
- 3 Touch and hold any of the wash option buttons for 3 seconds. The cycle icon will flash on and off to indicate that the product is in cycle adjustment mode.
- 4 Select the wash options you prefer by touching the relevant option button.
- 5 Touch KEYLOCK to save the selected settings.

Your washer will automatically remember your changes for all future washes you do on this cycle.

Factory Reset

You can reset your washer to the default settings it left the factory with:

- 1 Turn the dial to select SPIN
- 2 Touch and hold the DELAY START MORE , the DELAY START LESS  and OPTIONS buttons together for 3 seconds.
- 3 Your washer will now be reset to the default settings.

When you have finished using your washer

- Unplug the machine from the power socket.
- Wipe around the door and in the rubber gasket to remove any remaining water and foreign matter.
- Turn off the taps to prevent the chance of flooding should a hose burst.

Cleaning your *QuickSmart™* or *WashSmart™*

Before you start cleaning your washer, ensure that it is disconnected from the power (ie unplug the machine from the power socket).

Cleaning the control panel and outer surfaces of the washer

Use a soft damp cloth to wipe all surfaces, then wipe dry. Avoid using chemical or scouring cleaners, as these will damage the paint and plastic surfaces of your washer.

Cleaning the detergent dispenser drawer

Wipe out the detergent dispenser drawer with a damp cloth. Clean it regularly, especially if you use fabric softener. To remove the drawer, pull it open, push down on the blue tab in the fabric softener compartment (labelled "PUSH") and pull out. Rinse it out under warm water and replace.

Cleaning the inside of your washer

It is important that you regularly clean the inside of your machine using the DRUM CLEAN cycle. After 100 cycles your washer will flash the DRUM CLEAN cycle icon everytime you turn your washer on to remind you to do this. If your washer starts to smell this is a sign that you should complete a DRUM CLEAN cycle. We recommend that you do not have any items in the washer when you run this cycle.

Cleaning steps

- 1 Add approximately 2 full scoops of a good quality powdered detergent directly into the main wash detergent compartment of the dispenser drawer (marked "2").
- 2 Press POWER to turn your machine on and select the DRUM CLEAN cycle.
- 3 Touch START/PAUSE to start the cycle (refer to pages 20 and 21 for cycle details).



Fig.21 DRUM CLEAN cycle

Cleaning the drum and the door

- Use a soft damp cloth to wipe the door, cleaning any water marks or residue off it.
- Wipe the rubber ring around the door. Remove any items or lint accumulating in the bottom of the ring catchment and wipe out any water accumulated here. If this is not cleaned out, unpleasant odours will develop.
- If the drum has any residual dirt or lint stuck to it, remove this and wipe the drum clean. Do not leave any metal objects in the drum as these may rust and cause staining.

Do not allow children to swing on or place any weight on the door when open as this may cause damage.

Cleaning the pump filter

The pump has a filter to trap foreign objects that enter the washer along with clothing. The pump filter can be accessed from the front of the washer.

To clean the filter:

This should be cleaned out approximately once a month.

- 1 Turn the power off and unplug the machine.
- 2 Use a coin or key to open the filter cover. Place the edge of the coin into the slot and tilt upwards whilst levering the cover open.
- 3 Unhook the pump outlet hose and pull it out (about 150 mm). Remove the plug and allow any water (approximately 250 mls) to drain into a shallow dish.
- 4 After the draining process is complete, replace the plug into the hose and refit the hose back into the housing.
- 5 Remove the filter by turning anticlockwise. Clean and rinse under a tap.
- 6 Replace the filter by turning clockwise until the white mark on the filter is in line with the white line on the pump housing.

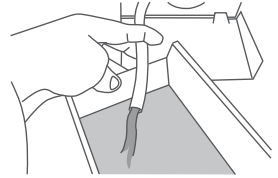


Fig.22 Drain residual water

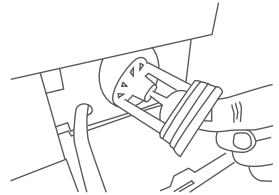
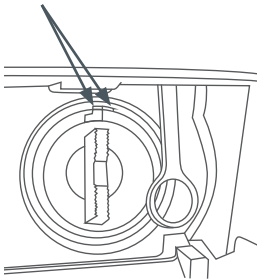


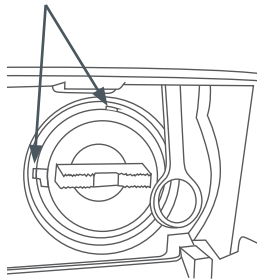
Fig.23 Replacing filter

white marks are in line



Correct

white marks are not in line



Incorrect

Fig.24 White mark on filter must be in line with white line on pump housing

- 7 Close the filter cover.

Cleaning the hoses

Each hose has a filter in it, preventing any solid contaminants in the water entering your washing machine. Occasionally you should unscrew the water inlet hoses where they connect to the taps, check these for any build-up of dirt and wash this out.

Nappy sanitisers / bleach

Nappy sanitisers and bleach are very corrosive to metal surfaces. DO NOT tip the contents of a nappy bucket into your machine. Rinse and wring items out thoroughly before placing them in the machine.

Moving your washer

If you need to move your washer a considerable distance (eg moving house), **remember to replace the transit bolts before moving it.** These will protect internal components of the washer from damage.

Pull out the bolt-hole covers in the back of the machine. Push the transit bolt rubber grommets and plastic spacers into the hole left and tighten it with the spanner provided with the product.

Make sure any water in the washer is drained out. This can be done by cleaning out the pump filter (refer to page 27).

Important!

Leave the door to your washer open when it is not in use to allow the washer to dry out, otherwise it will develop unpleasant odours. When leaving the door open like this, it is extremely important that children and pets are kept away from the washer so they cannot be accidentally trapped inside it.

Aside from the detergent dispenser, water hoses, and the pump filter, nothing is designed to be removed from the machine for cleaning. Do not attempt to remove any other part of the machine.

User warnings

Your washer is capable of diagnosing a number of its own problems. It will sound a continuous series of beeps and display a code when it has a problem that you can correct yourself. All control panel lights will turn off and the code will be displayed to inform you what the problem is. To stop the beeps, press any button on the control panel. Do not try to continue washing once you stop the noise. You must address the problem the washer is alerting you to.

Check this chart before you call for service.

Description	Displayed as	What should you do?
Water is not getting to the machine	<i>n o</i> <i>LRP</i>	<p>Check the taps have been turned on.</p> <p>If there is no hot water connection the machine will heat the water itself, but there must be a cold water connection to the cold valve.</p> <p>Check the hose connections. If the cold water supply is connected to the hot valve and there is no connection to the cold valve the machine will not fill.</p> <p>Check the inlet hose filters are not blocked, the hoses are not kinked and are attached correctly.</p> <p>Check that the drain hose is not too low or pushed into the standpipe too far. This will cause the water to siphon out of the machine.</p> <p>Check the cold water temperature does not exceed the 35°C temperature requirement.</p> <p>Check the water flow rate. It may be too low.</p>
Wash load is out of balance	<i>o u t</i> <i>OF</i> <i>bAL</i>	<p>Touch START/PAUSE to try the spin again.</p> <p>If the out of balance persists, pause the cycle, manually redistribute the load and touch START/PAUSE to spin again. If necessary, stop the cycle, select SPIN and touch START/PAUSE.</p> <p>If the problem persists, check the machine is correctly levelled.</p>
Too many suds	<i>S u d</i> <i>LOC</i>	<p>Machine will stop and flash "Sud LOC" for 10 minutes while waiting for suds to dissipate. The machine will not beep during this time. After 10 minutes the machine will automatically restart. At any point during that 10 minutes you can press START/PAUSE to restart the machine, but it is recommended that the machine be left to restart automatically.</p> <p>Check you are using a suitable detergent.</p> <p>Check you are not overdosing the detergent.</p> <p>Check the standpipe height for the drain does not exceed 1200 mm.</p>

30 Before you call for service

Description	Displayed as	What should you do?
Door is locked	<i>d o o r</i> <i>L o c k e d</i>	<p>The temperature in the drum is over 60°C therefore it is not safe to open the door. Wait until the temperature drops below 60°C.</p> <p>Check the water level in the drum. If the level is above the bottom of the door seal, the door cannot be opened. Use the ADD A GARMENT button if you wish to add or remove items (<i>WashSmart™</i> models only).</p> <p>If the drum is still moving, wait for it to stop before attempting to open the door.</p>
Door is open	<i>d o o r</i> <i>O P E n</i>	<p>Close the door fully and touch START / PAUSE.</p> <p>Try opening and closing the door again.</p> <p>Reposition the load, make sure the load is correctly in the drum and that protruding items are not stopping the door from closing.</p>

When a continuous series of beeps is sounded, all the lights turn off on the control panel and a number appears on the display, a fault has occurred. The washer will automatically enter this mode if a fault occurs. The fault code will be displayed as "Err" followed by a number on the digital display. To stop the sound, touch any button and perform the following steps:

- 1 Turn your machine off at the power point.
- 2 Wait 1 minute and turn it back on.
- 3 Check your machine is correctly levelled (refer to page 4).
- 4 Remove your wash load and retry.
- 5 Perform a RINSE cycle.
- 6 If the fault re-occurs repeat steps 1 and 2.
- 7 If the machine still will not work you will be required to call a Fisher & Paykel Authorised Repairer to arrange service (refer to page 38). Record the fault code number displayed and the serial number of your washer (located on the rear of the machine, and / or above the drum opening when the door is open) before calling. The fault code will indicate to the Repairer what the problem could potentially be.

If a fault code is being displayed, you can still turn your washer off by pressing POWER.

32 Solving operating problems

The following is a list of problems you may encounter when using this appliance and some suggestions that may help to correct the problem. If you still have problems, please contact your Fisher & Paykel Authorised Repairer.

Pressing POWER does not turn on machine

Is the power switched on at the wall?

Is there a power failure?

Turn off power at power point. Unplug washer from wall. Wait 60 seconds, plug back in, switch power on and try again.

Could household power supply be at fault? Try plugging in another appliance or plug machine into another power point.

Touching START / PAUSE does not start the fill

Is the washer door closed properly?

Is the washer paused? If START / PAUSE is flashing it is waiting for a command from you.

Is there a user warning or fault code displayed on the panel? (refer to pages 29 – 31).

Are both hot and cold taps turned on?

Are the inlet hoses attached to the correct taps and to the machine?

Are the inlet hose filters blocked? Check the tap end of the inlet hoses.

Is the inlet hose leaking, twisted or damaged?

Is the water supply at fault?

Is DELAY START set?

Washer stops working mid cycle

Is there a fault code displayed on the digital display screen?

Was there a power or water supply failure?

Has the washer been paused? Is the START / PAUSE light flashing? If yes, touch the START / PAUSE button.

Is there a lot of suds? The washer may be waiting for these to dissolve before continuing.

Washer drains while filling

Is the height of the drain hose too low? The machine may be siphoning.

Is the drain hose end sitting in water?

Washer is not draining

Is the drain hose blocked?

Is the pump filter blocked?

Is the drain hose higher than 1200 mm above floor level? Lower the level of the drain hose (refer to page 5).

Filling continuously

Ensure drain hose is located in standpipe or tub.

Ensure standpipe or tub is at least 800 mm high so machine is not siphoning.

Poor rinsing

Are you using low sudsing, front loader detergent?

Are you overdosing your detergent?

Has the load gone out of balance?

Select the RINSE+ option.

Not spinning properly

Ensure load is not out of balance.

Check machine is level and does not rock in any direction (refer to page 4).

Ensure machine does not have suds build-up.

Too many soap suds

Ensure that you are using a low suds or HE detergent.

Try using a little less detergent, especially if garments are only lightly soiled or there are not many items in the wash.

Small puddle of water coming from under machine

Check the inlet hoses and drain hose for damage or leaking?

Were there a lot of suds? These may have leaked and then dissolved.

The detergent dispenser may be blocked (refer to page 26).

Ensure the detergent dispenser drawer is fully closed.

Check the seal inside the door for any damage. If it sustains any damage it will need to be replaced.

Wash cycle time longer than usual / Inaccurate time remaining / Adjustment of time remaining during the cycle

Wash cycle time is approximate and may be affected by a number of factors (refer to page 14).

If water pressure or flow rate is low, cycle time will increase due to longer fill times. Ensure that inlet hose filters are not blocked.

The out of balance and oversudsing recovery will extend the cycle time (refer to page 15).

Various options selected or washing a particularly large load may take the washer longer than expected.

This does not affect the functionality of the wash.

Detergent or fabric softener remaining in detergent dispenser at the end of the cycle

Was the detergent dispenser drawer closed throughout the entire cycle?

Is the dispenser accumulating dirt? If so clean it out (refer to page 26).

Was the dispenser overloaded with detergent?

A small amount of water remaining in the dispenser at the end of the cycle is normal.

Try cleaning the dispenser to remove any blockages.

If there is liquid sitting at the MAX level at the end of the cycle there may be a blockage. Refer to page 26.

Your washing comes out very wet at the end of the cycle

What cycle did you select? Particularly short or delicate cycles have shorter spins, which can result in wetter washing at the end.

What spin speed did you select? Try selecting a faster spin speed.

Did the washer go out of balance? If so, the washer will have compensated and spun the load at a slower speed, to reduce noise and potential damage to itself.

Re-spin washing, by selecting the SPIN cycle, select your desired SPIN SPEED in options, then touch START/PAUSE.

Vibrating

Have all the transit bolts been removed?

Is the washer level? What kind of surface have you installed the washer on? (refer to page 4)

Is the load out of balance?

Try to collect enough items to wash an average sized load. Washing only one item at a time is not recommended, because it is difficult to balance a single item during spin.

Have you overloaded the machine?

Creasing

Was the washer (or dryer) overloaded?

Use the EASY IRON or HANDWASH cycles.

Try selecting a slower spin speed.

Select the WRINKLE FREE option.

Try not to leave wet clothes sitting in the washer or laundry basket.

Try selecting a lower wash temperature.

Sort your load so that items of a similar weight are washed together.

Poor soil removal

Are you using the most appropriate wash cycle for the amount of dirt?

Did you use enough detergent for the amount of dirt?

Was the washer overloaded for the washer capacity or the cycle selected (refer to pages 20 and 21).

Select a higher soil level option if possible (*WashSmart™* only).

Try selecting PRE WASH or RINSE+.

Separate heavily and lightly soiled garments.

Was the washer dirty from the previous wash? After washing particularly dirty clothing, we recommend putting the washer through a RINSE cycle after the load has been removed, to wash away any dirt remnants and to prevent it contaminating future washes.

Use a wash temperature suitable for the type of soil, eg warm for greasy soils, cold for muddy soils. Increasing the wash temperature generally improves soil removal and overall wash performance.

Dye transfer

Remember to separate whites and colours.

Wash non-colourfast items separately and select COLD wash temperature.

Remember to remove items from the washer as soon as the wash is finished.

Select WRINKLE FREE if you will be leaving items in the washer for a while after the cycle finishes.

Be aware of the temperature of the cycle you select. Lower the temperature if you are concerned.

Black or grey marks on clothes

Are you using enough detergent for the amount of dirt?

Empty the machine and complete a DRUM CLEAN cycle (refer to page 26).

Tangling

Try separating out larger items from smaller items.

Load items loosely and individually into the washer (ie not folded).

Use the EASY IRON cycle to wash shirts.

Try washing smaller load sizes.

Wash pantyhose, bras and any other delicate items prone to tangling in a mesh laundry bag.

Contact a Fisher & Paykel Authorised Repairer if a problem persists.

36 Manufacturer's Warranty

You automatically receive a 2 year Manufacturer's Warranty with the purchase of this Product covering parts and labour for servicing within the country of purchase.

Fisher & Paykel undertakes to:

Repair or, at its option, replace without cost to the owner either for material or labour 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.

If your product qualifies, you also receive an additional EIGHT YEAR parts only warranty on your Direct Drive motor. This additional 8-year warranty commences on the day following the expiry of the 2-year Manufacturer's Warranty and excludes the motor controller and labour. Fisher & Paykel will repair (as to parts) or, at its option, replace any Direct Drive motor (but not the motor controller) which is found to be defective within this additional warranty period. You will be responsible for any labour costs.

To see if your product qualifies for this additional warranty, refer to our website:
www.fisherpaykel.com/smartdrive

Note

These warranties are an extra benefit and do not affect your legal rights.

These warranties DO NOT cover

- A Service calls 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. Correcting the installation, eg removal of bottom packer and transit bolts (front loading washers), levelling the machine, adjustment of the drain to correct siphoning, noises, crossed, kinked or leaking inlet hose connections, turning on water, noises caused by the waterhammer or power supplies.
 2. Providing instruction on use of the product or changing the set-up of the product, eg instruction on correct use of detergents and fabric softeners.
 3. Replacing fuses in, or correcting house wiring or correcting house plumbing, eg unblocking drains.
 4. Correcting fault(s) caused by the user.
 5. Noise or vibration that is considered normal, eg spin sounds, user warning beeps.
 6. Correcting damage caused by pests, eg rats, cockroaches, etc.
 7. Water on the floor due to incorrect loading or excessive suds.
 8. Blocked pumps, removal of foreign objects/substances from the machine, including the pump and inlet hose filters, eg bra wires, bread tags, nails, grit, crud, etc.
 9. Correcting corrosion or discolouration due to chemical attack.
- B Defects caused by factors other than:
 1. Normal domestic use; or
 2. Use in accordance with the product's user guide.
- C Defects to the product caused by accident, neglect, misuse or 'act of God'.
- D The cost of repairs carried out by non-authorized repairers or the cost of correcting such unauthorised repairs.

- E** Normal recommended maintenance as set out in the product's user guide.
- F** Repairs when the appliance has been dismantled, repaired or serviced by other than a Fisher & Paykel authorised repairer or the selling dealer.
- G** Pick-up and delivery.
- H** Transportation or travelling costs involved in the repair when the product is installed outside the Fisher & Paykel Authorised Repairer's normal service area.

This product has been designed for use in a normal domestic (residential) environment. This product is not designed for commercial use (whatsoever). Any commercial use by a customer will affect this product's warranty.

Service under these warranties must be provided by a Fisher & Paykel Authorised Repairer (refer to the 'Customer Care' section at the back of this book). Such service shall be provided during normal business hours. This warranty certificate should be shown when making any claim.

For Australian Customers

This Warranty is an extra benefit and does not affect your legal rights. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please keep this user guide in a safe place.

Before you call for service or assistance...

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

- 1 Your appliance is correctly installed.
- 2 You are familiar with its normal operation.
- 3 You have read the problem solving at the back of the book.

If after checking these points you still need assistance, please refer to your nearest Fisher & Paykel Authorised Repairer, or contact us through our local website listed on the back cover.



In New Zealand if you need assistance...*

Call your Fisher & Paykel retailer who is trained to provide information on your appliance, or if we can be of any further help, please contact our Customer Care Centre,

Toll Free: 0800 FP CARE or 0800 372 273 **Fax:** (09) 273 0656

Email: nz.customercare@fisherpaykel.com **Postal address:** PO Box 58732, Botany, Manukau 2163

If you need service...*

Fisher & Paykel has a network of independent Fisher & Paykel Authorised Repairers whose fully trained technicians can carry out any service necessary on your appliance. Your dealer or our Customer Care Centre can recommend a Fisher & Paykel Authorised Repairer in your area.

In Australia if you need assistance...*

Call the Fisher & Paykel Customer Care Centre and talk to one of our Customer Care Consultants.

Toll Free: 1300 650 590 **Fax:** (07) 3826 9298

Email: aus.customercare@fisherpaykel.com **Postal Address:** PO Box 798, Cleveland QLD 4163

If you need service...*

Fisher & Paykel has a network of qualified Fisher & Paykel Authorised Repairers responsible for servicing only Fisher & Paykel branded appliances. Our Customer Care Centre can recommend a qualified Fisher & Paykel Authorised Repairer in your area.

In Singapore if you need assistance...*

Please call our Fisher & Paykel Service line.

Phone: 6741 0777 **Fax:** 6547 0123

Email: sg.customercare@fisherpaykel.com

Postal address: 150 Ubi Avenue 4, Sunlight Building #03-01A, Singapore 408825

* If you call, write or contact our website please provide: your 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.

Product details can be found on the rear of the machine, and / or above the drum opening (when the door is open).

Product details

Fisher & Paykel Appliances

Model/Serial No.

Date of Purchase _____ **Purchaser** _____

Dealer _____ **Suburb** _____

Town _____ **Country** _____

Feel free to contact us at our website on
www.fisherpaykel.co.nz
www.fp.com.au
www.fisherpaykel.com.sg

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www.fisherpaykel.com.sg

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The product specifications in this booklet apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time. You should therefore check with your Dealer to ensure this booklet correctly describes the product currently available.