

BEFORE YOU DO YOUR FIRST WASH

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 3/4" (20mm) extended) and hooked into your standpipe or tub, or attached to a spigot?
- ③ Is the hot hose connected to the hot valve (color-coded orange, if present)? Is the cold hose connected to the cold valve (color-coded white)? Have the faucets been turned on?
- ④ Is the machine correctly leveled, 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 LIMITED WARRANTY WILL BE COMPROMISED.

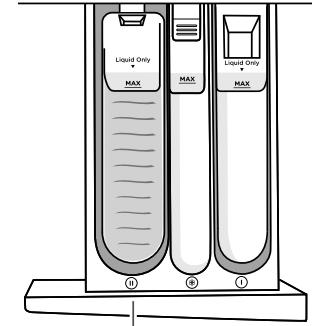
GETTING STARTED

WARNING!

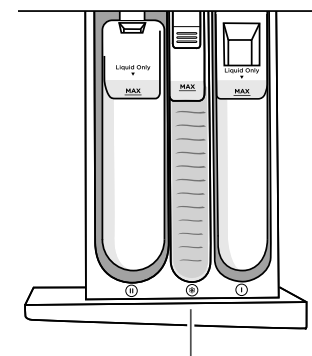
To reduce the risk of fire, electric shock, or injury to persons, read the **IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

WH2424F model

- Sort your washing carefully. Separate white/light colors from dark colors. Wash new, highly colored and dark colored items separately to prevent dye transfer. Refer to the 'Sorting and loading' section.
- Load your clothes individually into the wash drum. Close the door.
- Use **'HE'** or **'High Efficiency' liquid, powder or pods.** Place liquid detergent into the correct compartment in the dispenser drawer marked **II**. If you wish to use powdered detergent you **MUST** remove the liquid detergent insert by firmly grasping and twisting the left hand side of the internal compartment and pulling upwards. If you are using detergent pods place them at the back of the drum before you load your clothing. For more information on detergent refer to the 'Detergent and fabric softener' section.
- If you wish to use fabric softener, place it in the compartment marked with a **☼**. For more information on fabric softener refer to the 'Detergent and fabric softener' section.



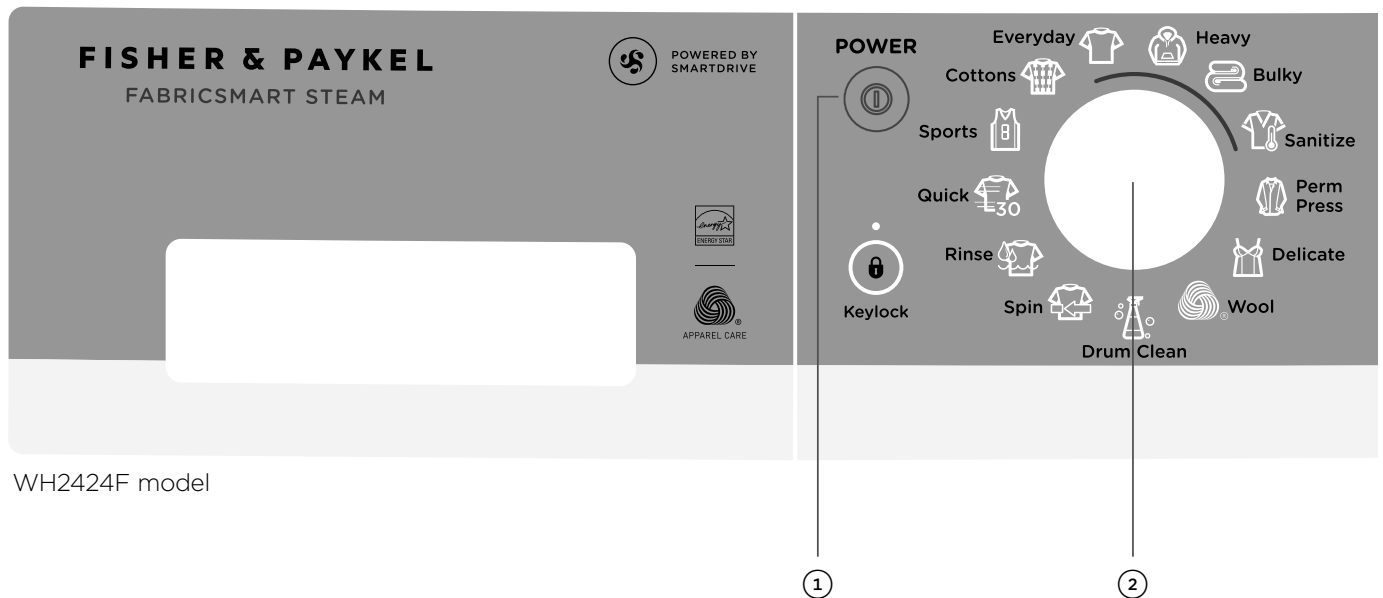
Liquid detergent in compartment marked **II**



Fabric softener in compartment marked **☼**

IMPORTANT!

Fabric softener should not be used if you have selected the **'Quick'** cycle.



WH2424F model

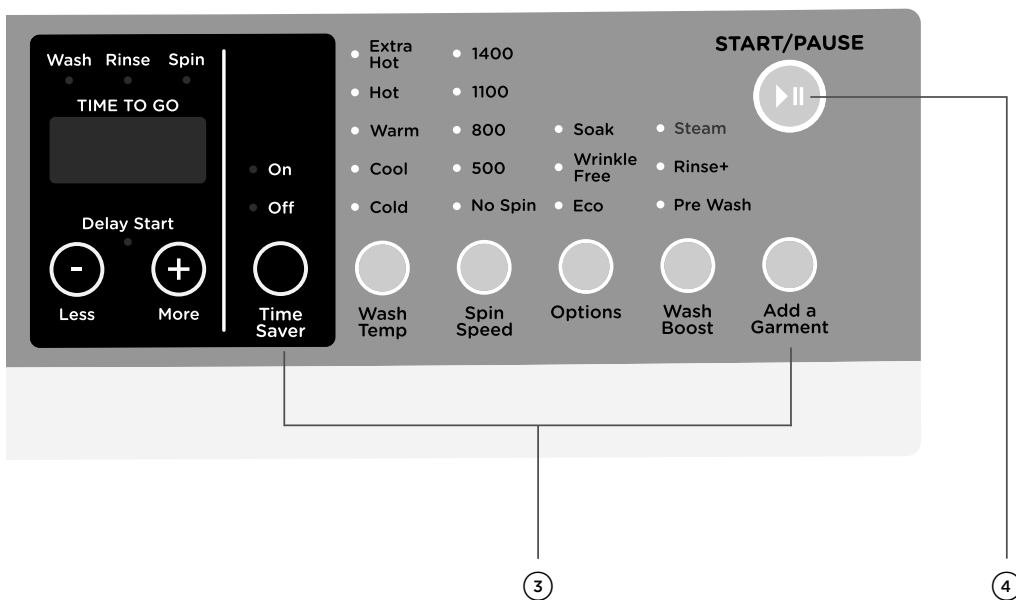
GETTING STARTED

- 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 ►|| 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 ►|| to pause the cycle. There may be a slight delay while the drum comes to a stop, then the door will unlock. Under certain conditions however the door will remain locked for safety reasons (refer to the 'Safety features' section).
- If you wish to cancel or change the wash cycle once a cycle has started, simply touch the ►|| button then select the new cycle. Touch ►|| to restart the washer.

IMPORTANT!

- **For the best fabric and color 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.**



GETTING STARTED

WARNING!

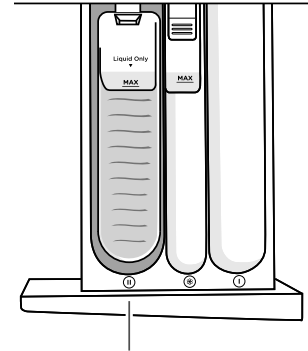
To reduce the risk of fire, electric shock, or injury to persons, read the **IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

WH2424P model

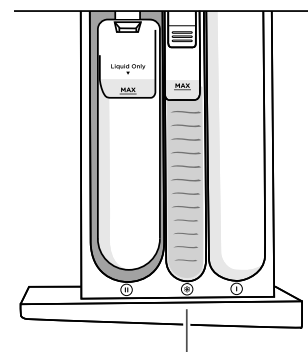
- Sort your washing carefully. Separate white/light colors from dark colors. Wash new, highly colored and dark colored items separately to prevent dye transfer. Refer to the 'Sorting and loading' section.
- Load your clothes individually into the wash drum. Close the door.
- Use **'HE'** or **'High Efficiency' liquid, powder or pods.** Place liquid detergent into the correct compartment in the dispenser drawer marked **II**. If you wish to use powdered detergent you **MUST** remove the liquid detergent insert by firmly grasping and twisting the left hand side of the internal compartment and pulling upwards. If you are using detergent pods place them at the back of the drum before you load your clothing. For more information on detergent refer to the 'Detergent and fabric softener' section.
- If you wish to use fabric softener, place it in the compartment marked with a **☼**. For more information on fabric softener refer to the 'Detergent and fabric softener' section.

IMPORTANT!

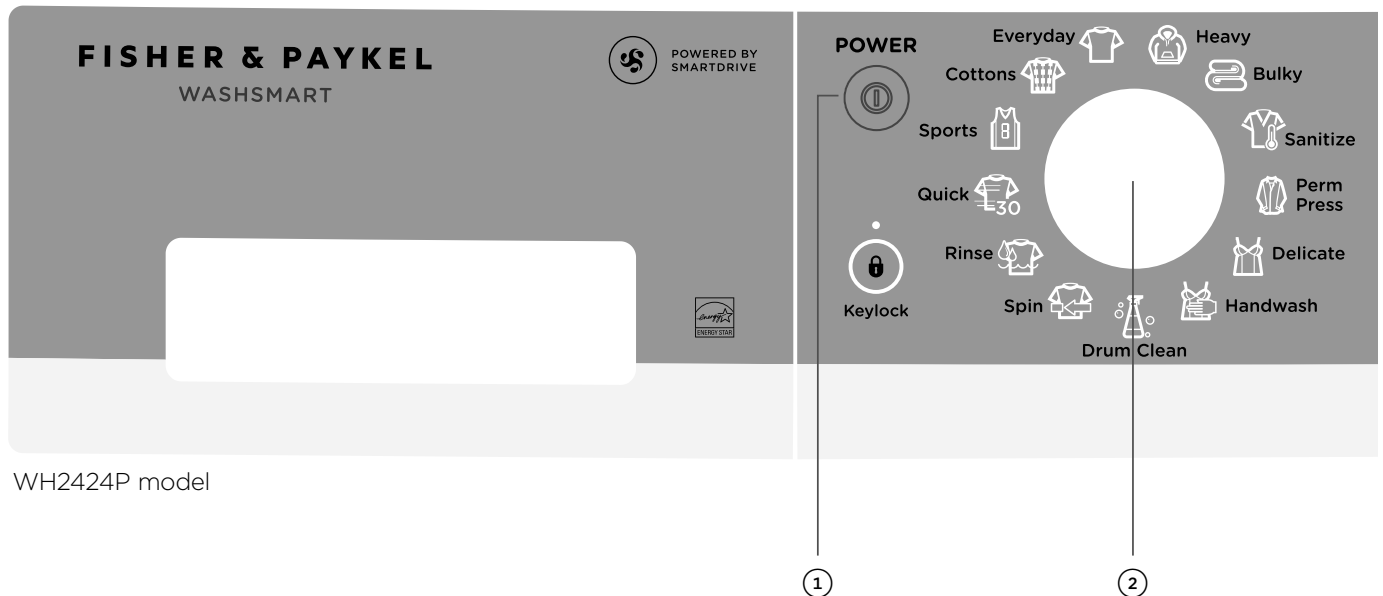
Fabric softener should not be used if you have selected the 'Quick' cycle.



Liquid detergent in compartment marked **II**



Fabric softener in compartment marked **☼**



WH2424P model

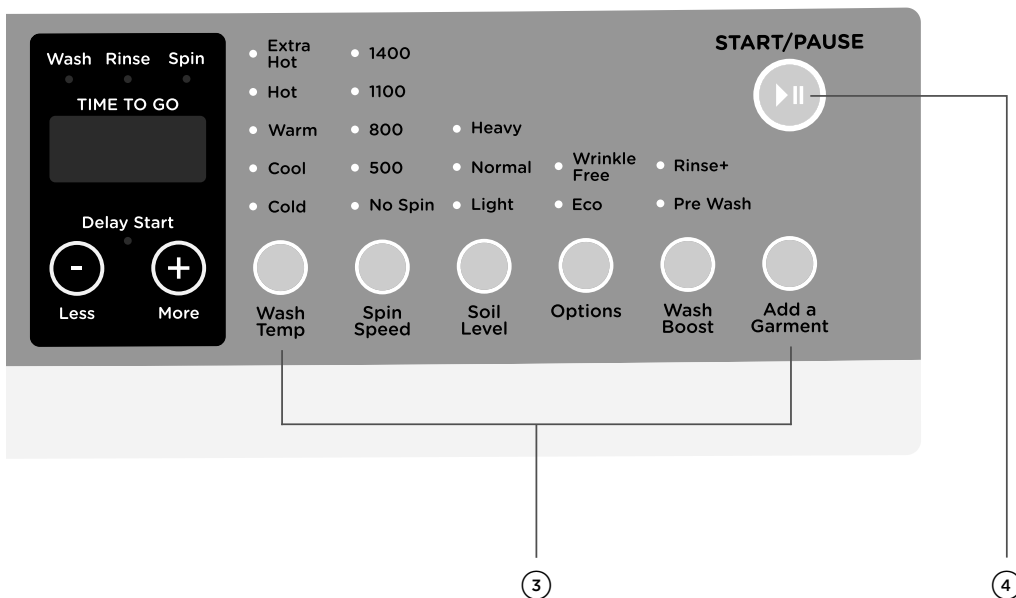
GETTING STARTED

- 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 ►|| 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 ►|| to pause the cycle. There may be a slight delay while the drum comes to a stop, then the door will unlock. Under certain conditions however the door will remain locked for safety reasons (refer to the 'Safety features' section).
- If you wish to cancel or change the wash cycle once a cycle has started, simply touch the ►|| button then select the new cycle. Touch ►|| to restart the washer.

IMPORTANT!

- **For the best fabric and color 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.**



WASHER 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.

SmartTouch™ buttons

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

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 until 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).

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 faucet or the water is heated by the internal heater, load size, cycle and option selections. Therefore cycle times will vary. Unexpected events in a wash cycle (eg out of balance, oversudsing) can lengthen the cycle time.

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.

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 the 'Wash cycle options' section.

Drum light (WH2424F model only)

Your machine has a drum light to help assist you when loading and unloading your washing machine. When you press 'POWER', the LED light in the drum will turn on, after 2 minutes it will automatically turn off. At the end of the cycle, the drum light will turn on again for 5 minutes to help facilitate unloading.

SAFETY FEATURES

Door lock

The door of your washer will lock once you touch ►|| 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:

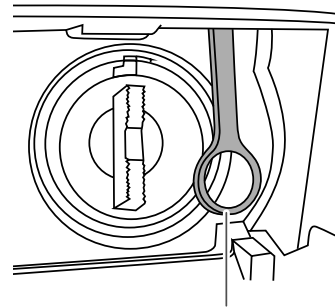
- You can open the door to add or remove items during the wash simply by touching the ►|| button. Note: the door will remain locked until the drum is stationary, if the temperature inside the washer is above 60°C and/or the water level is above the bottom of the door seal (a warning will be displayed in these circumstances, refer to 'Before you call for service').
- Simply touch ►||, the machine will pause and the door will automatically unlock if the conditions inside the washer are safe. The ►|| button and time to go will flash on the screen while the washer is paused. Open the door and remove or add garments. Close the door and touch ►|| to resume the cycle.

Add a Garment

The 'Add a Garment' function can be used to interrupt the cycle to add or remove a garment at any time during the wash part of the cycle (as long as the wash temperature selected is lower than 'Hot' temperature). Water in the machine will be drained to a level where the door can be opened, if necessary. Refer to 'Wash cycle options' 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.



Door release tab

Manual door opening mechanism

IMPORTANT!

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 'POWER'. The washer will remember where it was stopped and continue from this point to finish the cycle.

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 to allow suds to break down before continuing the cycle.

SORTING AND LOADING

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

Sorting

Sort items according to color, fabric type, and soil type. Wash fine, delicate fabrics separately from thick, heavy fabrics. Always separate colored items from whites, especially when they are new. Color 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 AND OPTIONS*	SUGGESTED TEMPERATURE
Towels	Everyday, 1400 or 1100 rpm spin	Cool or Warm
Sheets, pillowcases	Everyday, 1400 or 1100 rpm spin	Cool or Warm
Bulky items - comforters, duvets, sleeping bags	Bulky	Cool or Warm
Shirts, pants, other creasables	Perm Press, 800 rpm	Cool or Warm
Woollens, silks	Wool, Handwash, 500 rpm	Cool or Warm
Delicates, fine fabrics	Delicate, Wool or Handwash	Cool
Jeans	Everyday or Heavy	Cold or Cool
Highly colored items	Everyday	Cold or Cool
Whites, cotton items	Cottons, 1400 or 1100 rpm spin	Warm or Hot
Sportswear, running gear	Sports	Warm
Have sensitive skin or require extra rinsing?	Sanitize, Rinse+, 1400 or 1100 rpm spin	Extra Hot
Asthma/allergies	Sanitize, Rinse+	Extra Hot
Lightly soiled items	Quick or TimeSaver	Cool
Muddy, sandy or linty items	Everyday, Pre Wash and Rinse+	Cold
Smelly washer	Drum Clean	Extra Hot

* Cycles and spin speeds available will depend on your washer model.

SORTING AND LOADING

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 comforter), 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 unless the care label specifically states it is safe to do so.**
- **Do not wash curtains in this washer, as sunlight makes them brittle and they may disintegrate during washing.**

DETERGENT AND FABRIC SOFTENER

Detergent type

Your washer requires low sudsing detergent to prevent oversudsing problems. Low sudsing detergent comes in powder, liquid or pod form and is labelled '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.

IMPORTANT!

Do not use chlorine based bleaches in the washer as damage to the machine and clothing may result. Wash boosters and additives based on oxygen or containing sodium per carbonate may be used by adding to the detergent in the dispenser as required. Follow manufacturer's instructions for the correct dosage.

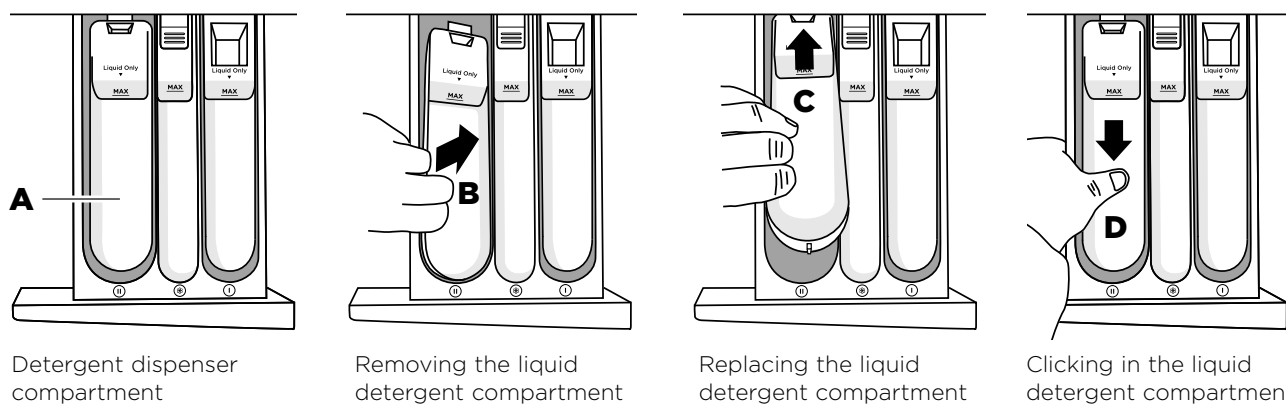
Where do I put my detergent?

Liquid detergent

Add to the main wash compartment on the left side of the dispenser compartment marked with a **II** (**A**). As the machine fills, water is flushed into this compartment and is mixed with the detergent, the detergent solution is then delivered into the drum. There may be a small volume of water left in the liquid detergent dispenser at the end of the cycle. This is normal.

Powdered detergent

If you wish to use powdered detergent, the liquid detergent compartment **MUST** be removed from the dispenser drawer. To do this firmly grasp and twist the left hand side of the internal compartment and pull upwards (**B**). To replace the liquid detergent compartment slide it back into the drawer marked **II** (**C**). Press down in the middle until it clicks (**D**).



Detergent dispenser compartment

Removing the liquid detergent compartment

Replacing the liquid detergent compartment

Clicking in the liquid detergent compartment

WH2424F model shown, dispenser compartments in WH2424P models will differ.

IMPORTANT!

- **If using liquid detergent ensure the liquid detergent compartment is installed.**
- **If using powder ensure the liquid detergent compartment has been removed.**
- **Make sure the detergent drawer is completely closed before starting the cycle.**

DETERGENT AND FABRIC SOFTENER

Pods

Detergent pods are a 'no mess' alternative to powdered or liquid detergent. Pod type detergent or wash boosters 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 or on top of your clothes.

Pre wash

WH2424F model

Liquid detergent

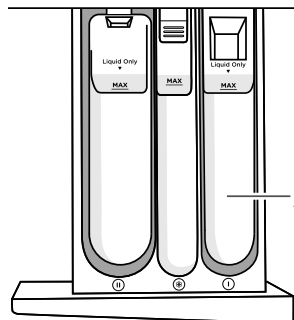
If you wish to use the 'Pre Wash' option, liquid detergent is added to the pre wash compartment marked **(1)** (**A**). When you select 'Pre Wash', water is flushed into the pre wash compartment at the start of the cycle and mixed with the detergent, the detergent solution is then delivered into the drum. There may be a small amount of water left in the pre wash compartment at the end of the cycle. This is normal.

Powdered detergent

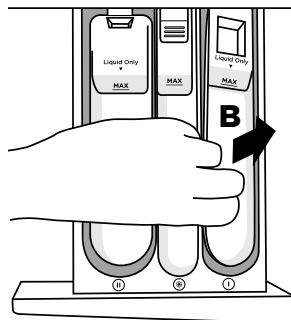
If you wish to use powdered detergent, the liquid pre wash compartment **MUST** be removed from the dispenser drawer. To do this firmly grasp and twist the left hand side of the internal compartment and pull upwards (**B**). To replace the liquid pre wash compartment slide it back into the drawer marked **(1)** (**C**). Press down in the middle until it clicks (**D**).



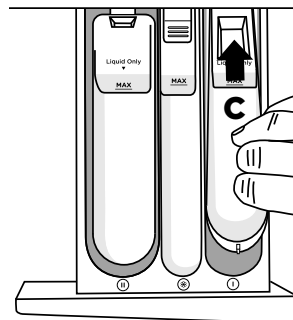
'Pre Wash' option



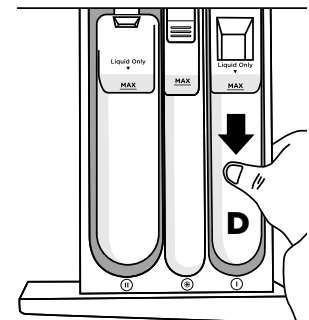
Pre Wash detergent dispenser compartment



Removing the Pre Wash liquid detergent compartment



Replacing the Pre Wash liquid detergent compartment

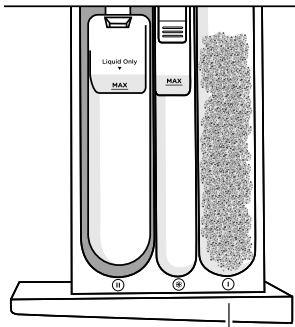


Clicking in the Pre Wash liquid detergent compartment

DETERGENT AND FABRIC SOFTENER

WH2424P model

If you wish to use the 'Pre Wash' option, liquid or powdered detergent only 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. For more information refer to 'Wash cycle options'.



Detergent in the Pre Wash compartment marked ①



'Pre Wash' option

IMPORTANT!

Make sure the detergent dispenser drawer 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 package 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. We recommend running your 'Drum Clean' cycle with a drum cleaning powder, follow the manufacturers instructions for the correct dosage of detergent. If symptoms persist, contact a service company to clean the bowl.
- 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 'HE' or 'High Efficiency' type detergent and check the quantity you are using against the detergent manufacturers recommendation. You may need to reduce the amount you are using.

DETERGENT AND FABRIC SOFTENER

Fabric softener

Add fabric softener to the middle compartment of the dispenser marked with a . The washer will automatically flush the fabric softener during the rinse part of the cycle.

If you wish to use fabric softener we recommend to:

- ① Use it sparingly. Measure it carefully and do not use more than 0.85 ounces (25ml or 1/2 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 'Warm' 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.

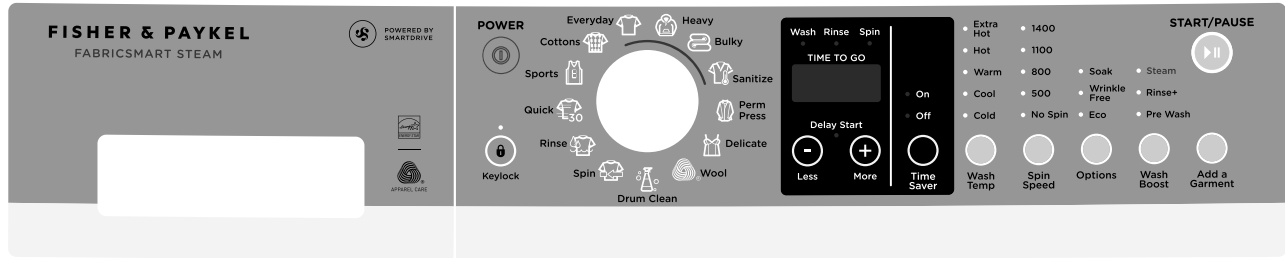
Scrud

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.

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.

WASH CYCLES

WH2424F model



Your 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	DEFAULT WASH TEMP.	MAX. WASH TEMP.	DEFAULT SPIN SPEED (rpm)	MAX. SPIN SPEED (rpm)
Cottons	Normally soiled everyday cotton loads, eg whites.	A comprehensive cycle specifically designed for cottons.	17.6lbs (8kg)	Warm	Extra Hot	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.	17.6lbs (8kg)	Warm	Extra Hot	1400	1400
Heavy	Heavy soiled durable garments eg tea towels, rugby shorts.	A stronger, hotter wash for more durable items.	17.6lbs (8kg)	Hot	Extra Hot	1400	1400
Delicate	Delicate, lightly soiled items, eg tops, blouses.	Gentler wash with more water to look after delicate items.	8.8lbs (4kg)	Warm	Hot	500	800
Perm Press	Minimizing creasing eg shirts, trousers.	Less spinning with 'Wrinkle Free' option to help minimize the need for ironing.	8.8lbs (4kg)	Warm	Hot	800	800
Bulky	Washing bulky items.	A warm, gentle wash and slow spin for special care of bulky items.	8.8lbs (4kg)	Hot	Extra Hot	800	800
Sanitize**	Asthma sufferers and people with skin sensitivities.	Hot wash to kill dust mites and extra rinses to remove all traces of detergent.	17.6lbs (8kg)	Extra Hot	Extra Hot	1400	1400
Wool*	Machine washable woollen items.	Extra gentle wash action that complies with Woolmark Apparel Care criteria.	4.4lbs (2kg)	Warm	Warm	800	800
Quick	Lightly soiled garments.	A quick cycle for lightly soiled loads.	8.8lbs (4kg)	Warm	Hot	800	1400
Sports	Cotton/synthetic sports clothing.	A cycle tailored to washing sports type clothing.	8.8lbs (4kg)	Warm	Warm	1100	1400
Rinse	Items that require rinsing only.	Two rinses followed by a spin.	17.6lbs (8kg)	Cold	Cold	1400	1400
Spin	Spinning wet items.	Spin only.	17.6lbs (8kg)	N/A	N/A	1400	1400
Drum Clean	Maintaining the cleanliness of your washer.	A hot cycle to remove any residues inside the washer.	-	Extra Hot	Extra Hot	1100	1100

* **Woolmark Apparel Care**

The wool wash cycle of this machine has been approved by The Woolmark Company for the washing of machine washable wool products provided that the products are washed according to the instructions on the garment label and those issued by the manufacturer of these washing machines MI528.

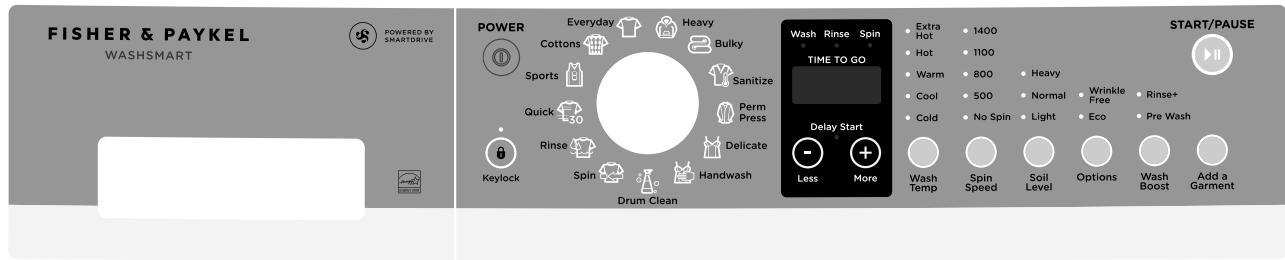
** Note: the Sanitize cycle water temperatures CANNOT be changed. The Sanitize cycle is certified by NSF International, an independent third party testing and certification organization.

The Sanitize certification verifies that the cycle reduced 99.9% of bacteria typically found in residential laundry and that no significant contamination is transferred to subsequent washer loads. Only the Sanitize cycle has been designed to meet the requirements of NSF Protocol P172 for sanitizing effectiveness.



WASH CYCLES

WH2424P model



Your 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	DEFAULT WASH TEMP.	MAX. WASH TEMP.	DEFAULT SPIN SPEED (rpm)	MAX. SPIN SPEED (rpm)
Cottons	Normally soiled everyday cotton loads, eg whites.	A comprehensive cycle specifically designed for cottons.	17.6lbs (8kg)	Warm	Extra Hot	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.	17.6lbs (8kg)	Warm	Extra Hot	1400	1400
Heavy	Heavy soiled durable garments eg tea towels, rugby shorts.	A stronger, hotter wash for more durable items.	17.6lbs (8kg)	Hot	Extra Hot	1400	1400
Delicate	Delicate, lightly soiled items, eg tops, blouses.	Gentler wash with more water to look after delicate items.	8.8lbs (4kg)	Warm	Hot	500	800
Perm Press	Minimizing creasing eg shirts, trousers.	Less spinning with 'Wrinkle Free' option to help minimize the need for ironing.	8.8lbs (4kg)	Warm	Hot	800	800
Bulky	Washing bulky items.	A warm, gentle wash and slow spin for special care of bulky items.	8.8lbs (4kg)	Hot	Extra Hot	800	800
Sanitize	Asthma sufferers and people with skin sensitivities.	Hot wash to kill dust mites and extra rinses to remove all traces of detergent.	17.6lbs (8kg)	Extra Hot	Extra Hot	1400	1400
Handwash	Very delicate lightly soiled garments, eg woollens.	Very gentle wash action for extra special items.	4.4lbs (2kg)	Cool	Warm	500	800
Quick	Lightly soiled garments.	A quick cycle for lightly soiled loads.	8.8lbs (4kg)	Warm	Hot	800	1400
Sports	Cotton/synthetic sports clothing.	A cycle tailored to washing sports type clothing.	8.8lbs (4kg)	Warm	Warm	1100	1400
Rinse	Items that require rinsing only.	Two rinses followed by a spin.	17.6lbs (8kg)	Cold	Cold	1400	1400
Spin	Spinning wet items.	Spin only.	17.6lbs (8kg)	N/A	N/A	1400	1400
Drum Clean	Maintaining the cleanliness of your washer.	A hot cycle to remove any residues inside the washer.	-	Extra Hot	Extra Hot	1100	1100

WASH CYCLE OPTIONS

All wash cycles default to the recommended options for that cycle based on the average expected load to be washed. 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 ►|| and select your new setting, then touch ►|| 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	Cool	Warm	Hot	Extra Hot
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- Simply touch the 'Wash Temp' button to increase or decrease the wash temperature.
- The washer will fill with both hot and cold water (if possible) to achieve the selected wash temperature.
- Some temperatures are not available on some cycles as a safeguard for your clothes (eg 'Extra Hot' on the 'Delicate' cycle).

IMPORTANT!

When 'Extra Hot' temperature is selected, the door glass will become hot. Do not touch the glass part of the door. Keep children away from the washer.

Time Saver (WH2424F model only)

Your washer offers a 'Time Saver' feature that when selected adjusts the cycle programming, by combining special temperature profiling and a unique tumble sequence. The result - excellent wash performance combined with time savings.

This option can be selected on the 'Everyday', 'Cottons', 'Heavy', 'Perm Press', 'Sanitize', 'Sports' and 'Quick 30' cycles.

Please be aware that a number of factors can influence the amount of time saved on a cycle, including the load size, cycle chosen, water flow rate and load distribution during spin.

Spin Speed

- Your washer offers four spin speeds: 500 rpm, 800 rpm, 1100 rpm and 1400 rpm, plus an additional 'No Spin' option.
- Simply increase or decrease the 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 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).

WASH CYCLE OPTIONS

Soil Level (WH2424P model 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.

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 ►|| and try to select 'Pre Wash' it will be unavailable. 'Pre Wash' must be selected at the start of the cycle.

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 (I). When you select 'Pre Wash', the compartment is flushed at the start of the cycle.

The detergent for the main wash can either be a powder or a liquid. Place this in the compartment marked (II). If using liquid, ensure the internal compartment is installed.

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.

Steam (WH2424F model only)

The Steam option adds steam to the wash to actively loosen fibers to improve soil removal. Use the steam option if you have a particularly heavily soiled load. This option is available on the 'Everyday', 'Heavy', 'Bulky' and 'Sanitize' cycles only.

Only use with colorfast loads.

Note: the 'Steam' option cannot be selected after a wash cycle has been started, ie if you touch ►|| and try to select 'Steam' it will be unavailable. 'Steam' must be selected at the start of the cycle.

IMPORTANT!

Do not touch the door when the steam option is selected. The door will get hot during the steam phase of the cycle. Ensure no children play around the washer.

WASH CYCLE OPTIONS

Options

Soak (WH2424F model only)

A soak option is available on selected wash cycles. When this option is chosen the machine will add a one hour soak sequence, which combines periods of tumbling with soaking to help lift stubborn stains.

If 'Soak' and 'Time Saver' are selected in the same cycle, the soak duration will be reduced to 30 minutes.

'Soak' is not available on the 'Wool', 'Drum Clean', 'Quick', 'Rinse' or 'Spin' Cycles.

Wrinkle Free

We recommend you remove the clothes from the washer immediately after the completion of the cycle to minimize wrinkling and creasing of items and to prevent dye run. However, if you will not be present at the end of the cycle 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 ►|| 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 ►|| button.

Eco

Use the 'Eco' option to save water and energy. Selecting 'Eco' will reduce the wash temperature slightly and alter the wash and rinse programming.

Note: this option will not be available if 'Rinse +' has been selected.

- **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

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 ►|| button and time to go will flash. Wait until you hear the door unlock. Open the door and add or remove items. Close the door and touch ►|| 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 'Hot' temperature. '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.


WASH CYCLE OPTIONS

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  button for 2 seconds.





Note: when activated, the light above the  button is illuminated. *KEY LOC* will be displayed on the display panel.


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  button for two seconds. Select your wash cycle, options and then touch  to start the cycle.
- To turn the washer off at anytime when keylock is activated simply press the 'POWER' button.

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. Some 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 program 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  to confirm your selection and start the countdown. Once started, the time will count down on the digital display screen in 1 minute increments, the 'Delay Start' light will flash and the  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 , then touch the 'Less'  button to decrease the time to zero. Touch  to start the cycle immediately.

Note: we suggest that you avoid using 'Delay Start' for damp, non-colorfast items as this may cause dye run to occur.

BEFORE YOU CALL FOR SERVICE

User warnings

Your washer is capable of diagnosing a number of its own problems. In most cases, your washer 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.

PROBLEM	DISPLAYED AS	WHAT TO DO
Keylock is activated	KEY LOC	Touch and hold the 'Keylock' button for 2 seconds.
Pump filter is blocked	CLF FLTR	Clear the pump filter (refer to page 38).
Water is not getting to the machine	no LAP	<p>Check the faucets have been turned on.</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 hose(s) 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 water flow rate. It maybe too low.</p>
Wash load is out of balance	out OF BAL	<p>Touch ► to try the spin again.</p> <p>If the out of balance persists, pause the cycle, manually redistribute the load and touch ► to spin again. If necessary, stop the cycle, select 'Spin' and touch ► .</p> <p>If the problem persists, check the machine is correctly leveled.</p>

BEFORE YOU CALL FOR SERVICE

PROBLEM	DISPLAYED AS	WHAT TO DO
Too many suds	<i>Sud LOC</i>	<p>Machine will stop and flash while waiting for suds to dissipate. The machine will not beep during this time. When the suds have dissipated, the machine will automatically restart.</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 47 1/5" (1200mm).</p>
Door is locked	<i>door Locd</i>	<p>The temperature in the drum is over 140°F (60°C) therefore it is not safe to open the door. Wait until the temperature drops below 140°F (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.</p> <p>If the drum is still moving, wait for it to stop before attempting to open the door.</p>
Door is open	<i>door OPEN</i>	<p>Close the door fully and touch ► .</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>

FAULT CODES

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 *E r r* 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 one minute and turn it back on.
- ③ Check your machine is correctly leveled (refer to page 10).
- ④ Remove your wash load.
- 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 trained and supported service technician to arrange service (refer to the 'Limited warranty' section). 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'.

TROUBLESHOOTING

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 trained and supported service technician.

Solving operating problems

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Washer not turning on	Power not switched on at the wall.	Switch the power on at the wall. Then press 'POWER'.
	Household power supply not working.	Try plugging in another electrical appliance.
	Keylock may be activated.	Touch and hold the 'Keylock' button for 2 seconds (refer to page 35).
Touching ► does not start the fill	Washer door not closed properly.	Open and reclose door.
	The washer is waiting for a command from you.	If ► is flashing then the washer is waiting for a command from you.
	The washer has detected a fault.	Check if a code is being displayed on the panel (refer to pages 40 - 42).
	Hot and cold faucets not turned on.	Check that both hot and cold faucets are turned on.
	Hot and cold faucets not connected to the corresponding valve on the machine.	Check the cold faucet is connected to the cold valve on the machine and the hot faucet is connected to the hot valve (if present).
	Blocked hose filters.	Check the faucet end of the inlet hose(s) for blockages.
	Inlet hose leaking, twisted or damaged.	Check the inlet hose for leaks or damage. Check that the inlet hose is not twisted.
	Faulty water supply.	Check faucets that aren't connected to the machine are working.
	Delay start maybe set.	Refer to page 35.
Washer stops working mid cycle	The washer has detected a fault.	Refer to pages 40 - 42.
	Power or water failure.	Check the power and/or water is working correctly.
	Washer has been paused.	Touch the ► button to continue.
	Too many suds.	Washer is waiting for suds to dissolve before continuing the cycle.

TROUBLESHOOTING

Solving operating problems

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Washer drains while filling	Drain hose too low.	Ensure the height of the drain hose is at least 31 1/2" (800mm) from the floor level (refer to page 13).
	Drain hose sitting in water.	Clear the drain.
Washer is not draining	Drain hose blocked.	Clear the drain hose.
	Pump filter blocked.	Clear the pump filter (refer to page 38).
	Drain hose higher than 47 1/5" (1200mm) above floor level.	Lower the level of the drain hose (refer to page 13).
Filling continuously	Drain hose not connected to standpipe or tub.	Connect drain hose correctly (refer to page 13).
	Machine siphoning.	Ensure standpipe or tub is at least 31 1/2" (800mm) from the floor level.
Poor rinsing	Incorrect detergent used.	Use low sudsing, front loader detergent only (refer to page 26).
	Too much detergent used.	Ensure the correct dose of detergent is used for the load size and soil level (refer to page 28).
Not spinning properly	Load has gone out of balance.	Open door and redistribute load, then restart the washer.
	Machine is not level.	Ensure machine is correctly leveled (refer to page 10).
	Suds build up.	Check the amount of detergent used, reduce if necessary.
Too many soap suds	Incorrect type of detergent used.	Use low sudsing, front loader detergent only (refer to page 26).
	Too much detergent used.	Ensure the correct dose of detergent is used for the load size and soil level (refer to page 28).

TROUBLESHOOTING

Solving operating problems

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Small puddle of water from under the machine	Inlet hose or drain hose leaking.	Check inlet hose(s) and the drain hose are correctly attached and not damaged.
	Lots of suds.	Suds may have leaked and then dissolved.
	Detergent dispenser blocked.	Clean detergent dispenser drawer (refer to page 37).
	Detergent dispenser drawer not fully closed.	Close detergent dispenser drawer fully and ensure it remains closed during the cycle.
	Damage to door seal.	Check seal inside door for damage. If it sustains any damage it will need to be replaced.
Cycle time longer than usual/Inaccurate time reading/ Adjustment of time remaining during cycle	Wash time is approximate.	Wash time may be influenced by a number of factors (refer to page 22).
	Low water pressure or flow rate.	Ensure that inlet hose filters are not blocked.
	Out of balance or oversudsing.	Recovery from out of balance or oversudsing will extend cycle time (refer to pages 40 - 41).
	Washing a large load.	Be aware that it will take longer for the machine to fill.
	Selecting various options.	Be aware that some options will extend cycle time.
Detergent or fabric softener remaining in detergent dispenser at the end of the cycle	Detergent drawer not properly closed or was opened part way through the cycle.	Ensure the detergent dispenser drawer is fully closed at the start of the cycle and remains closed throughout the cycle.
	Dirty or blocked detergent dispenser.	Clean the detergent dispenser (refer to page 37).
	Liquid sitting at the 'Max' level at the end of the cycle indicates a blockage.	Clean the fabric softener dispenser (refer to page 37).
	Dispenser over loaded with detergent.	Clean out remaining detergent and refer to page 28 for dosing information.

TROUBLESHOOTING

Solving operating problems

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Washing very wet at the end of the cycle	Cycle selected not appropriate.	Particularly short or delicate cycles have shorter spins which can result in wetter washing at the end of the cycle.
	Incorrect spin speed for load selected.	Select a faster spin speed.
	An out of balance load has occurred.	The washer compensates for the out of balance by using a lower spin speed, to reduce noise and potential damage to itself.
Vibrating	Transit bolts left in place.	Ensure transit bolts are removed prior to use of the machine (refer to page 9).
	Washer may not be level.	Ensure washer is installed on an appropriate surface and leveled correctly (refer to page 10).
	Load is out of balance.	Wash an average sized load rather than a smaller load or a single item. Washing one item at a time is not recommended as it is difficult for the washer to balance a single item during spin.

TROUBLESHOOTING

Solving wash problems

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Creasing	Washer overloaded.	Do not overload washer.
	Incorrect cycle for load type.	Use the 'Perm Press' or 'Delicate' cycle for creasable items.
	Spin speed too fast.	Select a slower spin speed.
	Wet clothes left in washer or laundry basket.	Laundry left sitting wet is more likely to crease. If not removing clothes from washer immediately at end of cycle, select the 'Wrinkle Free' option. Do not leave wet washing sitting in a washing basket.
	Wash temperature too hot for load type.	Select a lower wash temperature. Check items care label for correct care.
	Items not sorted correctly.	Sort load so that items of similar weight are washed together (refer to page 24).
Poor soil Removal	Incorrect wash cycle selected.	Select a wash cycle that is appropriate for the amount of dirt (refer to pages 30 - 31).
	Insufficient detergent.	Ensure the correct dose of detergent is used for the load size and soil level (refer to page 28).
	Washer overloaded.	Ensure the washer is not overloaded in terms of its capacity or the cycle selected (refer to pages 30 - 31).
	Load was particularly dirty.	Select 'Pre Wash' and/or 'Steam' for particularly dirty loads (refer to page 33).
	Items not sorted correctly.	Wash heavily and lightly soiled garments separately.
	Washer dirty from 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 remnants of dirt and to prevent it contaminating future washes.
	Incorrect wash temperature selected in relation to the type of soil.	Select 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.

TROUBLESHOOTING

Solving wash problems

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Dye transfer	Colored items not washed separately from white/light colored items.	Remember to separate whites and colors.
	New or non-colorfast items not washed separately.	Wash non-colorfast items separately and select 'Cold' wash temperature.
	Wet items have been left sitting for too long.	Remove items from washer as soon as the cycle is finished, or if items are not to be removed from the washer immediately select 'Wrinkle Free'.
	Wash temperature.	Consider the wash temperature you select for your colored items. Lower the temperature if you are concerned.
Black or grey marks on clothes	Correct amount of detergent.	Ensure the correct dose of detergent is used for the load size and soil level (refer to page 28).
	Washer needs to be cleaned.	Empty the machine and complete a 'Drum Clean' cycle (refer to page 37).
Tangling	Items not sorted correctly.	Separate larger items from smaller items.
	Washer loaded incorrectly.	Load items loosely and individually into the washer (ie not folded).
	Incorrect cycle for load type selected.	Use the 'Perm Press' cycle to wash shirts.
	Washer overloaded in terms of its capacity or the cycle selected.	Try washing average to smaller load sizes.
	Delicate items.	Wash pantyhose, bras and any other delicate items prone to tangling in a mesh laundry bag.

Contact a Fisher & Paykel trained and supported service technician if a problem persists.