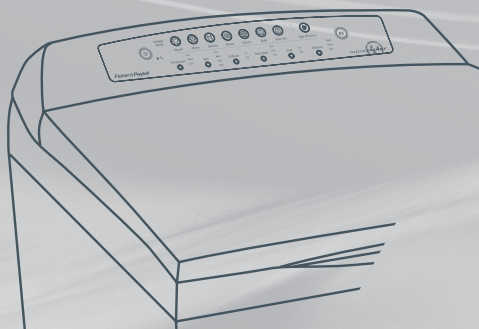


Installation instructions and user guide



AquaSmart™ clothes washer

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Welcome to AquaSmart™

Thank you for buying a Fisher & Paykel AquaSmart™ clothes washer. We are very 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. Thousands of tonnes of washing and 70 years of laundry experience have been programmed into your clothes washer to help give you the best possible performance.

Your AquaSmart™ clothes washer works differently from a conventional washer. It is a "High Efficiency" machine utilising innovative technology to wash in less water and take great care of your clothes. Similarly, taking extra care in the way you use your high efficiency washer will help ensure you make the most of its capabilities.

The revolutionary, super water efficient wash action of your AquaSmart™ washer means that it is no longer necessary to wash using a full bowl of water. This innovative wash action relies on maintaining a small volume of water for the wash load to ensure the best wash results. Please be aware that the water level for this washer is fully automatic, with the machine's "smarts" choosing the appropriate water volume for you. This means that there is no option to select your water level.

It is especially important that you take the time to read these instructions carefully before you begin using your machine. Like all High Efficiency washers, a little extra care in how you sort your clothes (particularly in terms of their fabric type, colour and how soiled they are) and in choosing your cycle and detergent, will ensure that you get the best possible wash result.

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

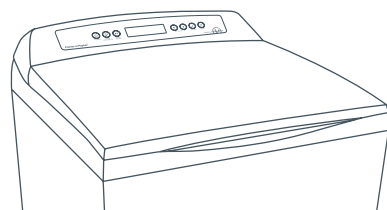


Fig.1a LCD model

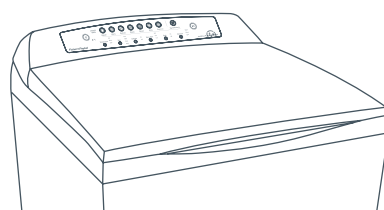


Fig.1b LED model

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 go to our website www.fisherpaykel.com or contact your local Fisher & Paykel dealer.

Unpacking

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

Removing the packaging

- 1 Remove the outer packaging.
- 2 Tilt the machine backwards and walk it off the bottom packer one foot at a time.
- 3 Remove the bottom packer from under the machine by pulling it out the front.
- 4 Lift the lid and remove the bowl packer from the bowl.
- 5 Remove the hoses and accessories.
- 6 Keep the bottom packer and bowl packer in case they are required for future transit.

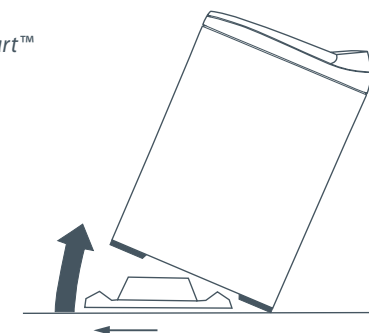


Fig.2 Tilt washer backwards to remove packer

Important!

Ensure that the bottom packer has been removed before operating your machine.

Installation

In your clothes washer you will find:

- 4 rubber inserts for the levelling feet (joined together).
- 1 hose guide.
- 2 white inlet hoses.

Drain hose

- 1 Carefully pull the drain hose out from the back of the machine by pulling the exposed part of the hose downwards and outwards.
- 2 To guide the drain hose over the tub or standpipe the hose guide MUST be fitted to the drain hose.

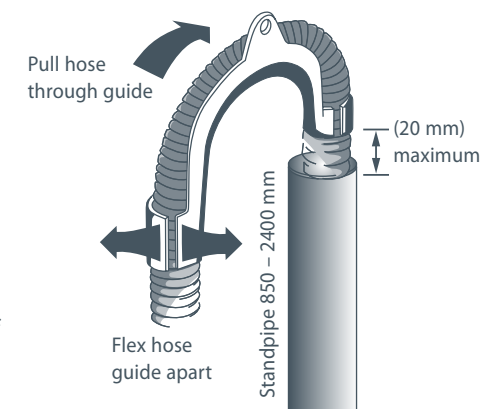


Fig.3 Fitting the drain hose guide

Important!

To prevent siphoning the drain hose should not extend more than 20 mm from the end of the guide. The height of the standpipe or tub should be between 850 – 2400 mm. The drain hose can be trimmed to length.

- 3 Place the drain hose in the tub or standpipe.



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- 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.
- In multi-storey apartments or any upper floor, the machine should be installed on a drained floor.
- Draining must comply with local by-laws.

Water supply

- This clothes washer should be plumbed into both a hot and cold water supply otherwise some cycles may not function correctly.
- For best operating conditions your hot water should be approximately 65°C. Your hot water should not exceed 75°C or your cold water exceed 35°C. Temperatures above these may cause a fault or cause damage to the machine.
- If you have an uncontrolled water-heating source (eg. a wet back or solar heating) you should have a tempering device fitted. This will ensure the hot water temperature remains within safe limits. For the most suitable type of tempering device we recommend you contact a local plumber or plumbing supply merchant.
- Inlet Water Static Pressure of between 3psi (20kPa) and 150psi (1MPa) is required. (If using a header tank then the top of the header tank must be at least 2 metres above the top of your clothes washer).
- Minimum flow rate from the tap supplying the clothes washer should be greater than 6 litres/min (assumes 12.7mm (1/2 inch) diameter pipes).
- Minimum height of taps to clear the top of the machine is 1150 mm.

Inlet hoses

Note: New hose-sets provided with the washer shall be used to connect the washer to the water mains. Old hose-sets should not be re-used.

- 1 Connect the straight ends of the white inlet hoses to the taps (there are washers fitted in both ends).
- 2 Connect the elbow ends of the white inlet hoses to the machine inlet valves. Inlet valves are marked on the back of the machine.

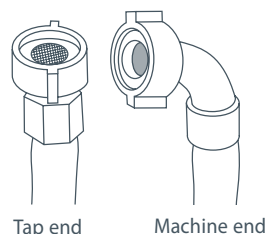


Fig.4 Inlet hose ends

H=Hot

C=Cold

Electrical

This appliance must be supplied with a 230V - 240V, 50Hz, sinusoidal, 450W electrical supply.

Levelling your machine

It is IMPORTANT to level the machine to ensure good spin performance and effective detergent and fabric softener dispensing.

- 1 Separate the 4 rubber foot inserts from the moulding and fit into the feet on the base of the machine.
- 2 Move the machine to its final position. (We suggest a minimum clearance of 20 mm each side).
- 3 Adjust the feet so the machine is level and cannot rock.
- 4 Turn on the water and check all hose connections for leaks. Make sure there are no kinks in the hoses.
- 5 Uncoil power cord and plug into wall socket.



Fig.5 Adjusting levelling feet



Correct



Incorrect

To check levelling look down on the wash bowl

Wind left foot down
(out) to correct

Wind right foot down
(out) to correct

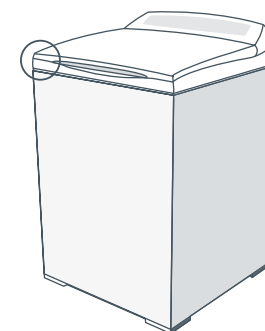
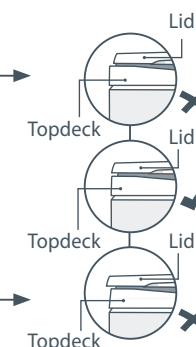


Fig.6 To assess levelling check lid alignment

Clothes washer safety

- This clothes washer is not intended for use by young children or infirm persons without supervision.
- Your AquaSmart™ can only be opened during the initial fill stage. Once the fill is complete, the lid will be locked for safety reasons. Please supervise young children to ensure they do not play with this clothes washer.

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.



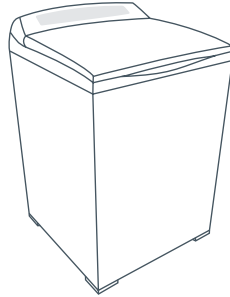
Accessories and spare parts
Available from your Fisher & Paykel Dealer or Authorised Service Centre.

- Hose Inlet Large Bore - Part No. 422680
- Drain Hose Extension - Part No. 425627p
- Power Cord - If the Power Cord of your clothes washer is damaged it must be replaced by a Fisher & Paykel Authorised Service Centre, as it is not a standard power cord.

You owe it to yourself and your *AquaSmart™* to have it installed correctly by an authorised service agent.

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

- 1 Has the basepacker been removed?
- 2 Is the hot hose connected to the hot valve marked 'H'?
Is the cold hose connected to the cold valve marked 'C'?
- 3 Is the drain hose threaded through the 'U bend' hose guide (with no more than 20 mm extended) and onto your standpipe?
- 4 Are the rubber inserts secured into the feet on the base of your machine and is the machine levelled? Refer to Installation instructions, pages 3-5.



AquaSmart™ water consumption

Load Size	Models 8kg capacity LCD & LED		Models 7kg capacity LCD & LED	
	Regular High Efficiency*	Regular Conventional	Regular High Efficiency*	Regular Conventional
8 kg capacity	82 L	165 L	–	–
7 kg capacity	–	–	72 L	159 L
5 kg	69 L	147 L	66 L	141 L
3 kg	60 L	123 L	60 L	117 L
1 kg	54 L	88 L	52 L	77 L

*Regular High Efficiency is the default wash cycle for *AquaSmart™*.

AquaSmart™ capacity

AquaSmart™ offers a generous 7 kg or 8 kg capacity. The list below outlines what is included in a 7 kg or 8 kg wash load (in accordance with AS/NZS 2040.1:2005).

8kg Load		7kg Load	
3 Sheets (double)	5 Pillowcases	2 Sheets (double)	4 Pillowcases
4 Bath towels	5 Shorts	6 Bath towels	7 Shorts
3 Tablecloths	8 Wash cloths	2 Tablecloths	6 Wash cloths
5 Shirts	6 Handkerchiefs	3 Shirts	4 Handkerchiefs
5 T-shirts		4 T-shirts	

Note: The above load compositions are indicative only, we recommend for everyday use that you separate out your sheets and wash them on the specially designed SHEETS cycle.

The *AquaSmart™* washer has two modes of washing, **High Efficiency** and **Conventional**. Both modes start the same way, with a Detergent Activating wash.

Detergent Activating wash

AquaSmart™ fills the bowl at the selected water temperature, with just enough water so the clothes are saturated. This small amount of sudsy water flows through the clothes, up a specially designed portal and back onto the clothes in a waterfall effect. This thoroughly dissolves and activates the detergent.

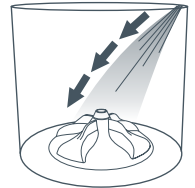


Fig.7 Detergent Activating wash



High Efficiency mode

In the High Efficiency mode the *AquaSmart™* then fills with just enough cool water to lift the clothes off the low profile agitator so when it rotates, the clothes gently roll over each other. This wash gives you the benefit of water savings, using similar quantities of water to most front loaders.

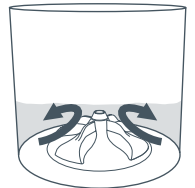


Fig.8 High Efficiency wash

Conventional mode

The Conventional mode is the immersion wash all Top Loader users are familiar with. However, this mode still uses less water than that of other top loaders which utilise the immersion wash. After the Detergent Activating wash the *AquaSmart™* fills with cold water until the clothes are submerged, and gently turns the clothes over. We recommend this mode when the dilution effect of water can solve or prevent common wash problems. For example, when dye or colour run can be a problem (ie. new, dark-coloured garments), or when washing sandy towels. The SHEETS cycle uses the Conventional mode.

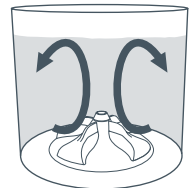


Fig.9 Conventional wash

Some cycles can be used in both modes, whilst others work in only one.

	High Efficiency	Conventional
Regular	✓	✓
Heavy Duty	✓	✓
Sheets	–	✓
Delicate	✓	✓
Easy Iron	–	✓
Colours	–	✓
Whites (LCD models only)	✓	✓
Whites (LED models only)	–	✓



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These two wash modes mean that your *AquaSmart™* washer gives you the best of both worlds, to suit any laundry situation.

Sorting

Care labels

Care labels will tell you about the fabric of the garment and how it should be washed. Please read them carefully.

Soil

Sort clothes according to the type and amount of soil. Some soils suit warmer washes, eg. oily soils, while others are best washed in cold water, eg. mud, blood.

Colour

Sort white/light-coloured fabrics from coloured fabrics.

Lint

ALWAYS wash lint givers and lint collectors separately (especially if intending to wash a number of colours). Where possible, turn lint collectors inside out.

Before you load

Check pockets

Loose items can damage both your *AquaSmart™* and your clothes.

Close zippers, hooks and eyes

This is to make sure that these items do not snag on other clothes.

Mend any torn garments or loose buttons

Tears or holes may become larger during washing. Remove any loose bra wires as they can damage your washing machine and/or dryer.

Pretreat any stains

Make sure you use an appropriate surface to apply treatments. Do not use the lid of the machine, as damage may occur.

For a balanced load

- Place items directly into the wash bowl.
- Do not wrap large items, such as sheets, around the low profile agitator. Place them around the edge of the bowl.
- A mixture of small and large items will wash the best (remember to separate out sheets and select the SHEETS cycle for these).

Important!

Please do not, under any circumstances, attempt to wash an electric blanket in your AquaSmart™ washer. It is not recommended that you wash curtains in your AquaSmart™. Sunlight makes them brittle and they may disintegrate during washing.

	Machine Washable Warm 40°C max Warm Rinse Well Normal Spin
	Do not bleach
	Do not tumble dry Dry in shade
	Warm iron
	Dry Cleanable

Examples of care label symbols.

Lint Givers	Lint Collectors
Towels	Synthetics
Chenille	Corduroy
Nappies	Polyester cottons

You may notice that your *AquaSmart™* clothes washer behaves differently from your previous washer. Your *AquaSmart™*, like all High Efficiency washers, has a fully automatic water level. This means that, like front loaders, the selection of the water level is left entirely up to the washer. This ensures optimum wash performance and water savings. Should you wish to use more water, simply select a Conventional cycle (refer to Conventional mode, page 7).

Sorting and loading explained

Like front loading machines your *AquaSmart™* uses much less water and energy than traditional top loading clothes washers. It is important that you sort your wash load to ensure optimum wash performance.

SHEETS – Separate out sheets and duvet covers and use the SHEETS cycle which has been especially designed for these items. Ensure that duvet/doona covers are buttoned or zipped up. To get the best possible wash for sheets, load these items around the edge of the bowl rather than directly across the low profile agitator.

COLOURED ITEMS – Dye or colour run can be a problem with High Efficiency washers, so separate highly coloured garments especially when they are new and have not been washed many times. Choose the COLOURS cycle. Most dye transfer occurs when clothes are left too long in the machine at the completion of the cycle so try not to leave your coloured clothes lingering in the machine.

BULKY ITEMS – Duvet/doona, sleeping bags, ski jackets/blankets and throws are all items which tend to behave unusually in a clothes washer. The lighter ones tend to float, while a large blanket can get very heavy and make spinning difficult. Your *AquaSmart™* has a specific BULKY cycle option designed to take care of these washing challenges.

CREASABLES – When you are concerned about creasing or wrinkling we recommend you use the EASY IRON cycle. Alternatively, select one of the Conventional cycles. The extra water used by these cycles will help to reduce creasing. Reducing the spin speed of the wash may also help (refer to page 25 (LCD) or 38 (LED)).

JEANS – These heavy items can be responsible for damaging other items in the wash and require special attention when it comes to washing them. We feel that they should be washed separately using the COLOURS cycle or the JEANS cycle (LCD models only, see page 28). Hint: turn your jeans inside-out before washing to help maintain their appearance.

SOIL – Very dirty, sandy, or linty loads are best washed separately to prevent transfer onto other garments. It may be that you have new towels that create lots of lint or very sandy beach gear. We suggest using a Conventional cycle in this circumstance or selecting the fabric softener rinse as this will give an extra deep rinse (ie. turn SOFTENER ON. Note: there is no need to add fabric softener to the dispenser in this instance. Refer to pages 25 (LCD) or 38 (LED)).

DELICATES – To take extra special care of delicate items, we suggest using the DELICATE cycle. A HANDWASH cycle is also available (LCD models only, see page 28).



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Choosing the right detergent

Your AquaSmart™ is a High Efficiency clothes washer and needs a **Low Sudsing Detergent** to prevent oversudsing problems. This is the same type of detergent Front Loaders use and are labelled, "Lows Suds", "Matic" or "High Efficiency".

We recommend the use of liquid detergents for best results. This is particularly important when washing dark garments.

When washing woollens use a wool detergent but use it sparingly as these are usually very high foaming. Do not use soap flakes or soap powders.

How much detergent?

Use the instructions stated on the detergent label as a guide to the correct amount to use. The correct amount of detergent will vary depending on the amount of soil in your clothes and the size of your load. Jeans and work clothes may need more and towels less.

If you have over-foaming problems reduce your dosage.
If your clothes are not clean enough, try using a bit more.

Where do I put my detergent?

Pour your detergent into the detergent dispenser, located on the left side of the washer. We recommend that you measure your detergent first.

You will notice that most of the detergent placed in the dispenser will fall into the machine. It will remain in an area separated from your clothes until the machine begins to fill. As the washer fills, the dispenser will be flushed of any residue. The detergent is then mixed with water, and specially designed ribs at the bottom of the bowl help to rapidly dissolve the detergent to ensure optimum wash performance.

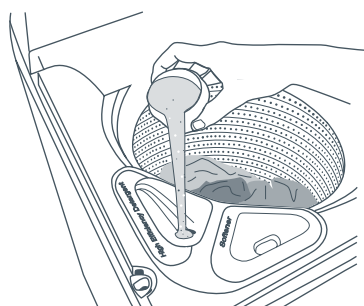


Fig.10 Adding detergent to the detergent dispenser

Choosing the right cycle

If you wish to use fabric softener you will need to select the SOFTENER option which will give you a deep rinse. If SOFTENER is not selected, the softener will not be dispensed.

For instructions on selecting the SOFTENER option please refer to pages 19 and 25 (LCD models) or pages 37 and 38 (LED models).

Adding the fabric softener

Measure the softener out into the cap and pour into the fabric softener dispenser. The softener will remain in the top of the dispenser until the deep rinse where water flushes it into the bowl.

Note: If you fill beyond the MAX mark, the overflow will pour fabric softener into the bowl prematurely and contribute to scrud (described below).



Fig.11 Adding softener into the fabric softener dispenser

Cleaning the dispenser

The funnel of the fabric softener dispenser (the top) clicks off easily. Simply place a finger down the centre and lift. The remaining siphon tube and fabric softener well is not removable and needs to be wiped clean with hot water and an old toothbrush periodically. If the siphon tube looks partially blocked use a cotton bud to clean.

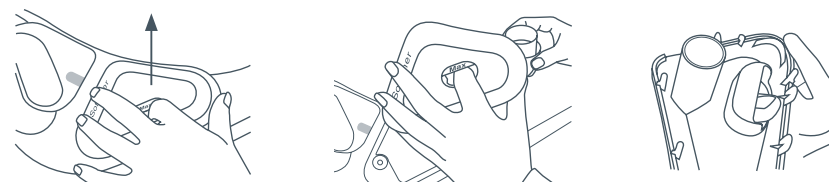


Fig.12 Removing the fabric softener funnel

Scrud

Scrud is the name of the waxy build-up that can occur within any washer when fabric softener comes into 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 the clothes or an unpleasant smell in your washer.

If you wish to use fabric softener we recommend:

- Use it sparingly. Measure it carefully to ensure you do not fill above the MAX level.
- Clean the dispenser as soon as the cycle has finished.
- Clean your machine regularly using the CLEAN ME cycle (see page 46).
- Cold water washing increases the chance of this build-up occurring. We recommend a warm or hot wash at regular intervals, eg. every 5th wash.



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Auto drain

- Unsupervised clothes washers filled with water can present a drowning hazard to small children. In order to minimise any risk of this type of accident, your AquaSmart™ has been pre-programmed to know when this hazard is created, and drain the wash water to a safe level.
- If you pause your AquaSmart™ at any time during the wash cycle when there is water in the bowl, the machine will activate the AUTO DRAIN function after 3 minutes. This will drain the water in the wash bowl to an acceptable level, removing any potential hazard.
- A warning message will be displayed (LCD models), or the machine will beep (LED models) to warn you prior to AUTO DRAIN being activated.

Lid lock

Your AquaSmart™ washer is able to lock its lid during hazardous parts of the wash cycle, to provide extra safety for you and your family while it is operating.

The Lid Lock symbol (padlock) appears in the top right hand corner of the screen (LCD models), and on the left hand side of the control panel (LED models), letting you know at a glance if you can open the lid or not.

To unlock the lid at any time press START/PAUSE.

The lid will be unlocked during the initial phase of the wash. This will enable you to pre-dissolve detergent and add or remove clothing before the wash begins.

If the lid is left open, your AquaSmart™ washer will be unable to lock the lid, and the cycle will be halted. The machine will beep to alert you, LCD models will display a message on the screen or the Lid Lock symbol will flash to alert you if you have an LED model. If this occurs, ensure that the lid is closed and press START/PAUSE.

Important!


Do not put anything down the Lid Lock slot in the top deck.


Do not try to disable the Lid Lock.


Ensure that children or infirmed persons are well supervised when around your AquaSmart™ washer, especially when you are using hot water, as the lid can be opened during the fill portion of the cycle.

Your AquaSmart™ 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 possible wash result.


Wash cycles explained


 Regular	Regular – High Efficiency Mode For normally soiled everyday cotton loads, eg. towels, t-shirts, shorts, shirts.	
	Regular – High Efficiency Mode Off For everyday loads where extra water is an advantage. For example when the load is linty, sandy, or dye run is possible.	
	High Efficiency Activated (Default Mode)	High Efficiency OFF (Default Mode)
Wash Time	12 – 15 mins	12 – 15 mins
Wash action	Regular High Efficiency	Regular Conventional
Wash temp	Warm/Cold	Warm/Cold
Rinse sequence	Aqua Rinse (shower)	Spray/Deep
Spin	Fast (1000 rpm)	Fast (1000 rpm)


 Heavy	Heavy – High Efficiency Mode Recommended cycle for heavily soiled durable garments, eg. tea towels, rugby shorts, children's clothes.	
	Heavy – High Efficiency Mode Off For heavily soiled durable garments when you want to use more water.	
	High Efficiency Activated (Default Mode)	High Efficiency OFF (Default Mode)
Wash Time	15 mins	15 mins
Wash action	Heavy High Efficiency	Heavy Conventional
Wash temp	Warm	Warm
Rinse sequence	Aqua Rinse (shower)	Spray/Deep
Spin	Fast (1000 rpm)	Fast (1000 rpm)

 Sheets	Sheets – High Efficiency Mode Unavailable.	
	Sheets – High Efficiency Mode Off Recommended cycle for sheets, tablecloths, doonas/duvet covers.	
	High Efficiency Activated	High Efficiency OFF (Default Mode)
Wash Time	n/a	15 – 17 mins
Wash action		Sheets Conventional
Wash temp		Warm
Rinse sequence		Spray/Deep
Spin		Fast (1000 rpm)

Wash cycles explained

 Delicate	Delicate – High Efficiency Mode For delicate or valuable lightly soiled clothes.	
	Delicate – High Efficiency Mode Off For when you want to wash your delicates in more water.	
	High Efficiency Activated	High Efficiency OFF (Default Mode)
Wash Time	6 mins	6 mins
Wash action	Delicate High Efficiency	Delicate Conventional
Wash temp	Warm/Cold	Warm/Cold
Rinse sequence	Aqua Rinse (shower)	Spray/Deep
Spin	Slow (300 rpm)	Slow (300 rpm)


 Easy Iron	Easy Iron – High Efficiency Mode Unavailable.	
	Easy Iron – High Efficiency Mode Off Recommended cycle for minimising creasing.	
	High Efficiency Activated	High Efficiency OFF (Default Mode)
Wash Time	n/a	12 mins
Wash action		Regular Conventional
Wash temp		Warm/Cold
Rinse sequence		Spray/Deep
Spin		Slow (300 rpm)


 Colours	Colours – High Efficiency Mode Unavailable.	
	Colours – High Efficiency Mode Off Recommended cycle for washing coloured items that may release dye during the wash.	
	High Efficiency Activated	High Efficiency OFF (Default Mode)
Wash Time	n/a	12 – 15 mins
Wash action		Regular Conventional
Wash temp		Cold
Rinse sequence		Spray/Deep
Spin		Fast (1000 rpm)



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Wash cycles explained

 Whites	Whites – High Efficiency Mode A higher temperature wash to keep white garments looking white.	
	Whites – High Efficiency Mode Off When you want to use more water when washing white garments.	
(LCD models only)	High Efficiency Activated (Default Mode)	High Efficiency OFF
Wash Time	12 – 15 mins	12 – 15 mins
Wash action	Regular High Efficiency	Regular Conventional
Wash temp	Warm/Hot	Warm/Hot
Rinse sequence	Aqua Rinse (shower)	Spray/Deep
Spin	Fast (1000 rpm)	Fast (1000 rpm)

 Bulky	Bulky – High Efficiency Mode Unavailable.	
	Bulky – High Efficiency Mode Off Recommended cycle for washing bulky items.	
	High Efficiency Activated	High Efficiency OFF (Default Mode)
Wash Time	n/a	6 mins + soak
Wash action		Bulky Conventional
Wash temp		Warm
Rinse sequence		Double Deep
Spin		Slow (300 rpm)

The BULKY cycle takes special care of bulky items. Bulky garments and bedding wash most effectively when they can move freely. Ensure that there is sufficient room in the bowl for the load to move during the wash.

Some bulky items may float during the wash (eg. duvets/duonas and pillows). If these items sit too high in the washer they may touch stationary parts during agitate or spin. To minimise the chance of this happening, ensure that bulky items are pushed as far down into the bowl as possible, prior to spin. The washer will alert you when it is time to do this. To continue the cycle simply press START/PAUSE.


When washing a single bulky item add a large beach towel to the wash, to ensure the load is balanced for an effective spin.

Note: LCD model users – once you have selected the bulky cycle, you will be given a request for more information about the bulky item you wish to wash (refer to page 17). This will allow your AquaSmart™ to select the optimum wash action for your particular item.


Specific bulky wash options (LCD models only)

	Duvet/Doona		Feather
	Blanket		Synthetic
	Throw		
	Jacket		
	Sleeping bag		

Please Note: we recommend that you do not wash woollen duvet/duona inners, or any other item marked "dry clean only" in your AquaSmart™ washer.

 Rinse and Spin	Rinse and Spin – High Efficiency Mode This cycle allows you to select a water efficient Rinse and Spin only.	
	Rinse and Spin – High Efficiency Mode Off This cycle allows you to select Rinse and Spin only, using more water in the rinse for those situations that require it.	
(LCD models only)	High Efficiency Activated	High Efficiency OFF (Default Mode)
Wash Time	None	None
Wash action	None	None
Wash temp	None	None
Rinse sequence	Aqua Rinse (Shower)	Spray/Deep
Spin	Fast (1000 rpm)	Fast (1000 rpm)

Note: LED model users – press the ADVANCE button to advance to the RINSE part of the cycle.

 Spin Only	Spin Only (LCD models only) This cycle gives you the ability to select a Spin only. This cycle also allows you to customise the spin speed to suit your needs.	
Wash Time	None	
Wash action	None	
Wash temp	None	
Spin	Fast (1000 rpm), or as selected.	

Note: LED model users - press the ADVANCE button to advance to the SPIN part of the cycle. If you wish to change any of the wash options while your AquaSmart™ is running press START/PAUSE then select the required option.



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Getting started quickly

- It is important to sort your clothes, particularly by colour (eg. separate white/light colours and dark colours), as well as separating out sheets and washing them on the SHEETS cycle (refer to page 8 for more details on sorting and loading).
- Wash new, highly coloured and dark coloured items separately to prevent dye transfer onto other items.
- Sort lint givers and lint collectors (refer to page 8).
- Close bra clasps, do up zippers and check pockets.
- Place your clothes directly into the wash bowl.

Detergent

- Although your AquaSmart™ is a Top Loader, this High Efficiency washer has been designed for use with liquid **Low Sudsing, 'HE' or 'Front Loader'** type detergent.
- AquaSmart™ offers a detergent dispenser for your convenience, located on the front, left hand side of the top deck.
- For detergent dose, please follow the manufacturer's directions, outlined on the detergent label.
- Pour the detergent down the detergent dispenser.
- For more information on detergent and fabric softener please refer to pages 10-11.

Easy touch buttons and LCD screen

These buttons require only a gentle touch to activate.

- 1 Touch POWER to activate your AquaSmart™ washer.
 - 2 HIGH EFFICIENCY – this light tells you when 'High Efficiency' mode is selected. The button allows you to switch between High Efficiency and Conventional modes (refer to page 20).
 - 3 The screen in the middle of the panel, will display the wash cycles available (refer to page 22).
 - 4 Use the SCROLL buttons to select the wash cycle that best suits your load (refer to page 22).
 - 5 Use the SELECT/TICK button to confirm your selection.
Choose your wash options. For example, If you wish to use fabric softener, scroll to SOFTENER and touch the SELECT button. Select SOFTENER ON. This wash option is a good idea when washing dark coloured items which are particularly soiled. Note: you do not need to add fabric softener to the dispenser in this instance. For more information on wash options refer to page 24.
 - 6 Touch START – your AquaSmart™ will start to fill with water, and will automatically select the correct water level and wash action for your load. To pause your AquaSmart™ at any time, simply touch START/PAUSE.
- For best fabric and colour care, remove your clothes as soon as the cycle has finished.

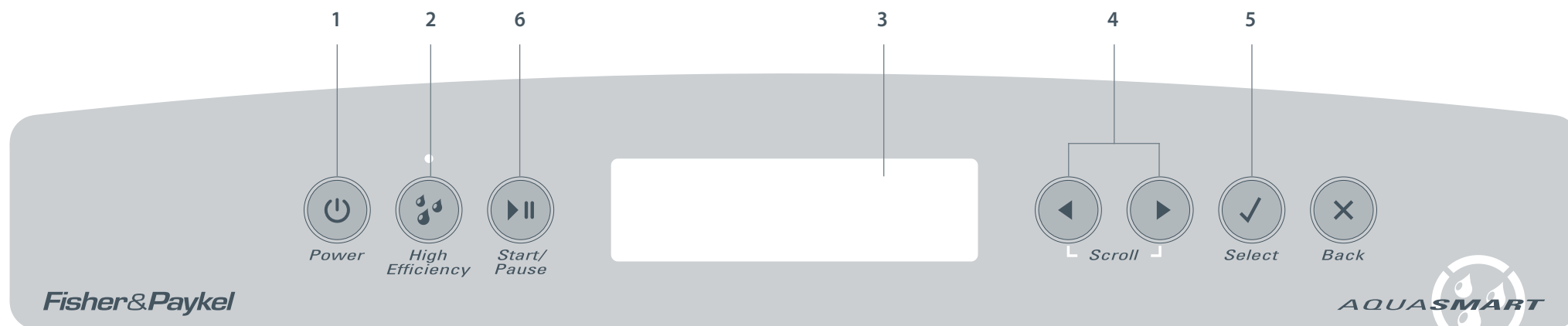


Fig.13 LCD AquaSmart™ control panel
(for LED models refer to page 36)




Easy touch controls

These smooth, easy clean buttons require only a gentle touch to activate. To scroll you need to remove your finger to break contact and touch it again.



High Efficiency mode

This button activates or deactivates the HIGH EFFICIENCY mode. The light will be on when High Efficiency is selected (please refer to High Efficiency mode page 7). To select CONVENTIONAL mode simply press the High Efficiency mode button and the light will turn off.

The High Efficiency symbol  will appear on the screen when the mode is active.



Scroll

The SCROLL buttons allow you to scroll between the wash cycles, and the wash cycle options.



Select

Use the SELECT key to confirm your selected option and the BACK key to cancel and go back to the previous level in the menu.

The display screen

The display screen allows you to view the available wash cycles and modify options. It provides feedback on what your AquaSmart™ washer is doing and how long the wash has to go, to keep you informed throughout the cycle. The screen will also display messages to help you with the overall running of your machine.



Time to go

Your AquaSmart™ washer will display how many minutes the wash cycle has to go, so that you can tell at a glance when your washing will be finished. Once AquaSmart™ has finished the filling and sensing process, the time remaining will be displayed. A progress bar is also displayed and will move along as the cycle progresses. Please be aware that the flow rate of the water supply may influence your cycle time.

LCD models: using the soft touch display

- When you turn your AquaSmart™ washer on, the main wash cycles will be displayed on the screen.



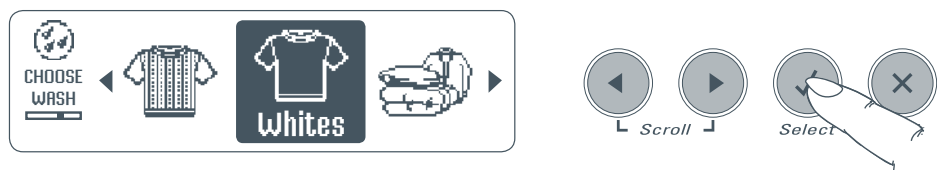
- To view all 10 wash cycles, the Lifestyle cycles and menu options, use the right arrow button to scroll along the menu (use the left arrow button to scroll back along the menu).



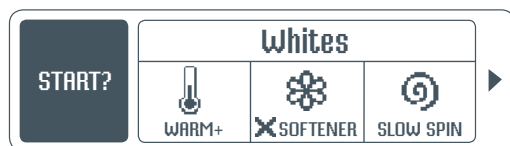
- To see the wash cycles explained in more detail please refer to page 14.

To select a wash cycle

- To select a wash cycle scroll along until your selection is highlighted then touch the SELECT button. This will confirm your selection.



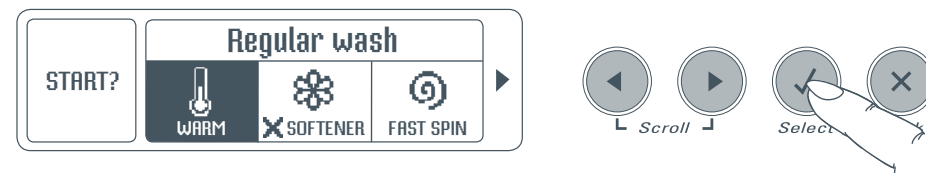
- The wash cycle options will then be displayed for your chosen cycle.



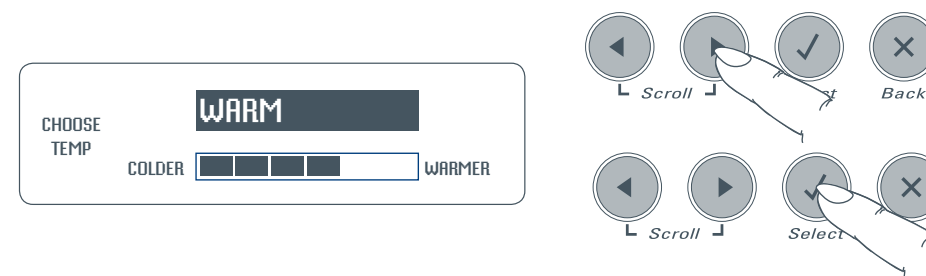
- Use the right arrow button to scroll through the available wash options.



- Select the wash option you wish to modify, highlight it by touching the SELECT button.



- Choose your preferred setting and press SELECT. Eg. wash temperature:



- You will then be given the option whether to save the modification for future washes or to just use it for this one. If you select Yes, Save for Future Washes, the machine will save the changed wash option for that cycle only. Please note: This option is not available for the Delay Start, Drip Dry or Soak selections.
- Press SELECT to confirm YES or NO.
- You will then return to the main wash options screen.
- Scroll using the left arrow button back to "START?" and touch START/PAUSE or SELECT to begin the wash.

Wash cycle options explained

To alter any of the wash options explained below, please refer to pages 22-23 for instructions on changing the wash cycle options.



Temperature

AquaSmart™ offers five wash temperatures.

Cold Tap	Controlled Cold	Warm/Cold	Warm	Warm/Hot	Hot
Incoming water from tap	20°C	35°C	40°C	50°C	60°C

Using the SCROLL buttons, simply scroll to the left to decrease the wash temperature or to the right to increase wash temperature, then press SELECT/TICK to confirm your selection.

Note: The Temperature option selects the temperature of the first phase of the two-part wash system, the Detergent Activating Wash.

Wash cycle options continued



Controlled Cold

The temperature of cold tap water varies widely, depending on your location and the season. The lower the cold water temperature, the less effective the cold wash becomes. To help with this issue we have developed CONTROLLED COLD which adds a small amount of warm water, when necessary, to raise your cold water wash to 20°C. This will ensure that you receive a more effective wash in cold water.



Fabric Softener

If you wish to use fabric softener in your *AquaSmart™* clothes washer, select the Fabric SOFTENER option from the Wash Options. Scroll to SOFTENER ON, and then press SELECT/TICK to confirm your selection. You will have the option to save this choice for future washes when using that cycle. This will adjust the rinse to dispense the fabric softener correctly.

Selecting SOFTENER ON (thus giving a fabric softener rinse) is a good idea when washing dark-coloured, moderately to highly soiled garments (Note: you do not need to add fabric softener to the dispenser in this instance).



Spin Speed

Your *AquaSmart™* washer offers three spin speeds: Fast (1000 rpm), Medium (700 rpm) and Slow (300 rpm), plus an additional No Spin option. The DRIP DRY option can also be selected (refer to page 26). Simply increase or decrease your spin speed by scrolling left or right, and touch the SELECT button to confirm your selection.



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Wash cycle options continued



Delay Start

The Delay Start option delays the start of the wash cycle between 15 minutes and 18 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. Simply scroll right to increase the delay time, and left to decrease the time, or turn Delay Start off. Press the SELECT button to confirm your selection.

Note: We suggest that you avoid using Delay Start for damp, non-colourfast items as this may cause dye to run.



Drip Dry

Selecting Drip Dry will pause the washer at the end of the rinse, allowing you to remove drip-dry garments before the washer goes into final spin. Your AquaSmart™ will beep and display a message to remind you to remove items. Once the items have been removed press START/PAUSE to begin the spin.



Soak

The Soak option provides a two hour soak during the middle of the wash phase. The machine will then complete the rest of the cycle. During Soak, the washer will agitate for a few seconds every minute. Once you enter the Soak option screen, use the SCROLL button to select Soak ON or OFF. Press SELECT to confirm your selection.

Note: Once the Soak is underway, you can exit out at any time by pressing the BACK button.

Wash cycle progress

As the wash progresses the following symbols will be shown on the display screen to indicate the progression of the cycle.



No experience necessary

Your AquaSmart™ washer offers you a range of special Lifestyle cycles, to make washing even easier. These cycles have been specifically designed by our washing experts, with you in mind. We have incorporated 70 years of washing knowledge into 19 easy to use, preprogrammed wash cycles. This allows you to let the washer deal with some of the more tricky washing situations you may encounter, ensuring that you get the same results as a washing expert, without having to be one.

Lifestyle Cycles

Special Care	Handwash	Wool	Jeans			
Stains	Chocolate	Tomato	Blood	Grass	Fruit	Wine
Family	Duvet/Doona	Allergy	Hygiene	Nappy Rinse	Soft Toys	
Sport	Sweaty	Muddy	Sports Shoes	Beach Gear		
Clean Up	Clean Me					

To access Lifestyle cycles:

- 1 Scroll through the wash cycles on the display until you reach the LIFESTYLE option.
- 2 Select LIFESTYLE, by touching the SELECT button, to the right of the screen.
- 3 Use the SCROLL buttons to scroll through the five LIFESTYLE categories.
- 4 Use the SELECT button to select a LIFESTYLE category.
- 5 Scroll through the LIFESTYLE cycles, touch SELECT confirm your cycle choice, and then press START.



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The Lifestyle cycles are presented in five distinct categories, to help you to access them quickly and easily. The following pages explain the unique cycles that are located within these categories, and how they might be of help.



Special Care

Some fabrics require extra special care. These wash treatments have been designed to take care of those special items.



Handwash

This is an extra gentle cycle for very delicate items. It has been designed for garments that you previously may have been reluctant to put into a clothes washer. HANDWASH uses a very gentle wash action, generous rinses and a slow spin. At the end of the rinse, the machine will pause and beep to remind you to remove any drip-dry items. Press START/PAUSE to resume the cycle and spin the remaining items.



Wool

Machine washable woollen garments have been specially treated so that they can be washed in a clothes washer. The WOOL cycle has been designed to cater for these types of items. It treats your woollens to a gentle wash and moderate spin, to keep them looking their best. Remember to check the care label first, and to use a wool detergent.



Jeans

JEANS can be responsible for damaging other items in the wash. They should be washed separately, and require their own specific wash action to get clean. That's why we have created a special cycle specifically for JEANS. The cold wash temperature helps reduce loss of colour and the fast spin ensures that your jeans will dry quickly.

Hint: turn your jeans inside-out prior to washing to help maintain their appearance.



Stains

We recommend that you treat a stain as soon as you can. There are a number of stains that need special treatment due to their unique composition. Some water temperatures can actually set stains rather than remove them. This is why we have carefully designed our STAINS cycles for you.



Chocolate

Chocolate is a complex stain with a mix of fats, proteins and sugars. Initially the stain is treated with a warm/hot wash that delivers the active ingredients of the detergent to the core of the stain. A soak is then used to activate the enzymes within the detergent to break down the proteins and fats and remove the last of the stain. A spray and deep rinse and fast spin remove any detergent residue.



Tomato

Research tells us that tomato based sauce stains are some of the most common stains slopped on Australian and New Zealand clothes. This greasy stain can be quite hard to remove. An intermittent soaking procedure has been included to get the benefit of the enzymes within the detergent, with a spray and deep rinse and fast spin to finish.



Blood

Blood stains can set, if subjected to warm water. This special cycle uses a cold Detergent Activating wash to deal to blood stains, followed by a warm agitate to remove any other soils. This cycle is finished with a spray and deep rinse and a fast spin.



Grass

Like other protein based stains, eg. blood, grass can set and become impossible to remove, if subjected to warm water. This special cycle uses a combination of a cold Detergent Activating wash and warm agitate to remove grass stains. This cycle is finished with a spray and deep rinse and a fast spin.



Fruit

We recommend that you treat fruit stains with cold water as soon as they occur. This stains cycle has been designed to target fruit stains and finish off the stain removal process for you. The higher temperatures in the *Eco Active™* wash will activate any colour-safe bleaches in your detergent, with a spray and deep rinse and fast spin to finish.



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Wine

We recommend you try and treat wine stains with soda water or cold water, as soon as they occur. This special cycle is designed to finish off the wash process for you. Some detergents contain colour-safe bleaches and would be ideal to be used with this wash. The increase in temperature will activate the bleach to target the stain. This cycle is finished with a spray and deep rinse and a fast spin.



Family

Some common household washing situations may require extra washing knowledge. We have created five unique FAMILY cycles to help you with those tricky situations.



Duvet/Doona

Duvets and doonas can be difficult items to wash as they are bulky and often float out of the water. This special cycle has a specially designed wash action with a double deep rinse to care for these bulky items. It is important to check care labels. Only wash duvets/doonas which are machine washable. We do not recommend washing products labelled "dry clean only" in this machine.



Allergy

The ALLERGY cycle has been specifically designed for asthma sufferers and people with sensitive skin. A hot concentrated *Eco Active*™ wash decimates dust mites and bugs, and the lengthy rinses and fast spin remove all dust mite waste and traces of detergent. This cycle is not recommended for garments prone to colour run.



Hygiene

When someone in your home is ill or has an infection, the way you wash can help to prevent re-infection or others becoming ill. Separate out infected washing, use slightly more detergent. The HYGIENE cycle incorporates a hot concentrated *Eco Active*™ wash and warm agitate to target bugs, and lengthy rinses to remove all detergent traces. We recommend drying these garments in direct sunlight, or using the hottest setting on your dryer that the fabric can handle. This cycle is not recommended for garments prone to colour run or shrinkage.



Nappy Rinse

The NAPPY RINSE cycle is great for rinsing nappy sanitisers from cloth nappies, prior to being washed. The nappies are slowly spun, then given two deep rinses, followed by an additional spray rinse, then a fast spin.



Soft Toys

This gentle cycle has been designed to take special care of the smallest family member's special friends. Soft toys are treated to a lukewarm gentle bath and then double deep rinse to ensure that detergent traces are removed from fur. For very special friends, we would suggest using a gentle, wool wash detergent.



Sports

Outdoor activities can create some unique washing challenges. We have created four helpful wash cycles to quickly deal with these situations, with no thinking required.



Sweaty

The clothes you exercise in require a little extra care to remove the odours and dirt that tend to penetrate into the fabric structure. This cycle incorporates a warm/hot wash with a fast spin to thoroughly clean sweaty sports clothes.



Muddy

Clothes soiled with mud need to be washed in a special way, so that all traces can be removed. Mud requires a cold wash with lots of dilution. Cold water is the key, as washing in warm can set mud stains. This cycle uses a cold wash with extra rinses to help remove mud from clothing.



Sports Shoes

The SPORT SHOES cycle has been designed to freshen up sports shoes. This cycle uses a warm/cold, conventional wash with light agitation. A 30 minute soak helps to penetrate into the fabric structure to remove dirt. This is followed by a double deep rinse, and slow spin to finish off.



Beach Gear

Sand, grass and other bits can get into your wash after a day in the outdoors. The BEACH GEAR cycle helps to remove these impurities from the creases of your clothes, by using a cold wash with generous rinses. This cycle can also be useful for minimising the effects of any impurities that may be in your household water supply.



Clean up

Maintaining your *AquaSmart*™ in top condition will ensure that you receive the optimum wash each and every time.



Clean Me

If you regularly use fabric softener, or only wash in cold water we recommend that you use the CLEAN ME cycle to clean your *AquaSmart*™ washer 5 – 6 times a year. This will reduce the risk of Scrud (see page 11) forming on your wash bowl. This cycle uses a hot wash to clean the bowl and rinse out the fabric softener dispenser. This is followed by a two hour soak then it is finished with two deep rinses and a very short spin. After 100 cycles your machine will remind you to complete a CLEAN ME cycle.




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- 1 Remove all items from the washer.
- 2 Add about 2 scoops of a powdered detergent that contains phosphate.
- 3 Select the CLEAN ME cycle, and press START.

After using your *AquaSmart™* washer you may wish to fine-tune some of the options to suit your individual needs. Any options changed in this menu will be a permanent change, unless 'Reset Defaults' is selected (refer to page 35).

To access the Settings Menu:

- 1 Turn your *AquaSmart™* washer on.
- 2 Scroll, to the right, through the wash cycles until you reach the Settings Menu. 
- 3 Press SELECT to enter the menu.



Temperature Adjust

The wash temperatures can be adjusted if you think they are too hot or too cold.

- Access the Settings Menu (refer above).
- Scroll to the TEMPERATURE option, and press SELECT.
- Use the SCROLL button to move through the boxes to decrease or increase the wash temperature (the numbers in the boxes are in degrees). Each movement is approximately 2°C.
- Press SELECT to confirm your selection and return to the Settings Menu.



Adjust Heaviness

When HEAVY cycle is selected you may like to increase the rigorousness of the wash. This option is beneficial for those situations where a slightly rougher wash is needed to clean heavy duty, hardwearing, particularly soiled items (eg. farm wear, workwear).

- Access the Settings Menu (refer above)
- Scroll to the ADJUST HEAVINESS option, and press SELECT.
- Touch the right SCROLL button to increase to the desired roughness. The lowest setting is the default for the cycle, each bar to the right equates to a 2% increase in 'roughness'.
- Press SELECT to confirm your selection and return to the Settings Menu.



Aqua Plus

Activating this option adds additional water to the Aqua rinse in a High Efficiency wash cycle. This will give you a little extra rinsing for those with sensitive skin. You can also use this option if you tend to wash lot of dark garments.

- Access the Settings Menu (refer above).
- Scroll to the AQUA PLUS option, and press SELECT.
- Scroll to highlight either AQUA PLUS rinse ON or AQUA PLUS rinse OFF.
- Press SELECT to confirm your selection and return to the Settings Menu.



Balance Recovery

When your washer is spinning it can sense if the wash load is out of balance. It will stop and try to spin up to three times. If the machine still senses an unbalanced load, there are two options the machine can take:

1. Machine Stops

Your machine is automatically set to the Machine Stops option. When this option is on, your washer will give a short burst of beeps every five seconds to alert you. It will then ask you to redistribute the load before continuing the cycle.

Your machine defaults to this setting.

2. Automatic Recovery

Your washer will try to automatically correct the out of balance load. It will fill with water and 'agitater' to redistribute the load before trying to spin again.

To set Automatic Recovery:

- Access the Settings Menu (refer page 32).
- Scroll to the OUT OF BALANCE RECOVERY option, and press SELECT.
- Scroll to select between the two options.
- Press SELECT to confirm your selection and return to the Settings Menu.



Alarm Beeps

The number of beeps that signal the end of the cycle can be altered. Choose between no beeps, five or fifteen beeps.

- Access the Settings Menu (refer page 32).
- Scroll to the ALARM BEEPS option, and press SELECT.
- Use the SCROLL buttons to adjust the number of beeps.
- Press SELECT to confirm your selection and return to the Settings Menu.



Screen Brightness

You can adjust the brightness of your screen to suit your individual needs.

- Access the Settings Menu (refer page 32).
- Scroll to the SCREEN BRIGHTNESS option, and press SELECT.
- Use the SCROLL buttons to increase or decrease the screen brightness.
- Press SELECT to confirm your selection and return to the Settings Menu.



Key Lock mode

Key lock automatically locks the buttons on your *AquaSmart™* when not in use. This will avoid accidental button pushes from items left on the lid of the washer and also from any little fingers.

To turn Key Lock Mode ON or OFF:

- Access the Settings Menu (refer page 32).
- Scroll to the KEY LOCK MODE option, and press SELECT.
- Use the SCROLL buttons to select ON or OFF.
- Press SELECT to confirm your selection and return to the Settings Menu.

If Key Lock mode is switched ON:

- To turn your washer on, **push and hold the POWER button for 3 seconds**. This will activate the display panel. You will then be able to select your wash options and press START. The buttons will then be locked.
- To PAUSE your washer at any time during the cycle, **press the PAUSE button twice**. This will allow you access to the Wash Options, then press START to restart your cycle. The buttons will then lock.
- To STOP your washer and power off, **press the POWER button twice**.

If you can't remember how to unlock the buttons, press any button and the display screen will remind you.



Hints

Hints screens are provided to help to explain each of the wash choices. Your *AquaSmart™* comes with these hints programmed ON. When you become more experienced with the way your machine functions, you may wish to turn these hints OFF.

- Access the Settings Menu (refer page 32).
- Scroll to the HINTS option, and press SELECT.
- Use the SCROLL buttons to scroll to OFF.
- Press SELECT to confirm your selection and return to the Settings Menu.

Service Contacts

In the first instance please refer to "Before You Call for Service" on pages 48 – 49 for help to try and solve any problem you may encounter. If your problem persists, this option will direct you to the appropriate contact details for help or service.

- Access the Settings Menu (refer page 32).
- Scroll to the SERVICE CONTACTS option, and press SELECT.
- Use the SCROLL buttons to scroll through the information provided.
- Press CANCEL/BACK to return to the Settings Menu.



Trouble Shooting

For help with some of the more common issues you may encounter.

- Access the Settings Menu (refer page 32).
- Scroll to the TROUBLE SHOOTING option, and press SELECT.
- Use the SCROLL buttons to scroll through the information provided.
- Press CANCEL/BACK to return to the Settings Menu.



Reset Defaults

If you would like to re-set all settings back to those that were set when your *AquaSmart™* left the factory, select RESET FACTORY DEFAULTS.

- Access the Settings Menu (refer page 32).
- Scroll to the RESET FACTORY DEFAULTS option, and press SELECT.
- Ensure that RESET is highlighted on the screen and then press SELECT. This will confirm your desire to return your washer back to the original factory settings, and the machine will be reset.



Replay Intro

This option allows you to replay the introduction explanation for your washer. This is great for a new user who may not be sure how to use their washer or what features the washer has to offer.

- Access the Settings Menu (refer page 32).
- Scroll to the REPLAY INTRO option, and press SELECT.
- Press SELECT to confirm your selection.



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Getting started quickly

- It is important to sort your clothes, particularly by colour, (eg. into light white/colours and dark colours) as well as separating out sheets and washing them on the SHEETS cycle (refer to page 8 for more details on sorting and loading).
- Wash new, medium-dark coloured items separately to prevent dye transfer onto other items.
- Sort lint givers and lint collectors (refer to page 8).
- Close bra clasps, do up zippers and check pockets.
- Place your clothes directly into the wash bowl.

Detergent

- Although your *AquaSmart™* is a Top Loader, this High Efficiency washer has been designed for use with liquid **Low Sudsing, 'HE' or 'Front Loader'** type detergent.
- AquaSmart™* offers a detergent dispenser for your convenience, located on the front, left hand side of the top deck.
- For detergent dose, please follow the manufacturer's directions, outlined on the detergent label.
- Pour the detergent down the detergent dispenser.
- For more information on detergent and fabric softener please refer to pages 10 – 11.

- PRESS POWER to activate your *AquaSmart™* washer.
 - Select the desired WASH CYCLE that best suits your wash load, eg. Regular.
 - HIGH EFFICIENCY – this light tells you when 'High Efficiency' mode is recommended, and the button allows you to switch between High Efficiency and Conventional modes (refer to page 7).
 - Select any additional WASH OPTIONS that you may require. For example, if you wish to use fabric softener, place into the softener dispenser and press SOFTENER to ON.
- Selecting this wash option is also a good idea when washing dark-coloured items which are particularly soiled. Note: You do not need to add fabric softener to the dispenser in this instance.
- PRESS START – your *AquaSmart™* will start to fill with water, and will automatically select the correct water level and wash action for your load. To pause your *AquaSmart™* at any time, simply press START/PAUSE.
- For best fabric and colour care remove your clothes as soon as the cycle has finished.

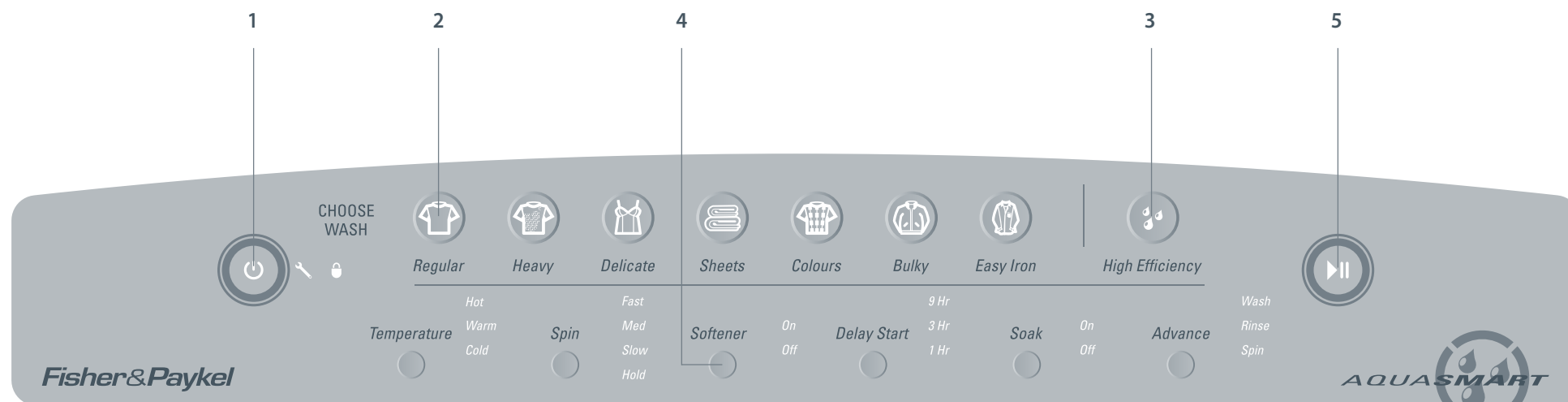
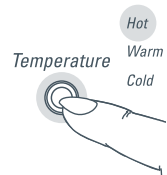


Fig.14 LED AquaSmart™ control panel
(for LCD models refer to page 18)

Wash cycle options explained

Temperature

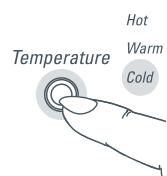
AquaSmart™ offers five wash temperatures.



Cold	Warm/Cold	Warm	Warm/Hot	Hot
Incoming water from tap	35°C	40°C	50°C	60°C

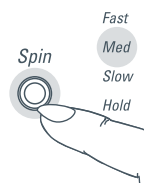
Simply increase or decrease your wash temperature by pressing the TEMPERATURE button to scroll through the options available.

Note: The temperature option selects the temperature of the first phase of the two-part wash system, the Detergent Activating Wash.



Controlled Cold

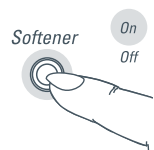
The temperature of cold water varies widely, depending on your location and the season. The lower the water temperature, the less effective the wash becomes. To help with this issue we have developed Controlled Cold which adds a small amount of warm water, when necessary, to raise your cold water wash to 20°C. To access this secondary option please refer to page 42.



Spin Speed

Your *AquaSmart™* washer offers three spin speeds: Fast (1000rpm), Medium (700rpm) and Slow (300rpm), plus an additional Spin Hold option.

Simply increase or decrease your spin speed by pressing the SPIN button to scroll through the options available. When Spin Hold is selected the washer will drain at the end of the rinse but stop the cycle before the spin. This option is ideal for items that require drip drying.

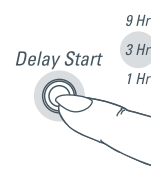


Fabric Softener

If you wish to use fabric softener in your *AquaSmart™* clothes washer, please select the SOFTENER option. Press the SOFTENER button to turn this option to ON. This will adjust the rinse to ensure that the fabric softener is dispensed correctly.

Selecting SOFTENER ON (thus giving a fabric softener rinse) is a good idea when washing dark-coloured, moderately to highly soiled garments (Note: you do not need to add fabric SOFTENER to the dispenser in this instance).

Wash cycle options continued



Delay Start

The Delay Start option allows you to delay the start of the wash cycle for 1, 3 or 9 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.

Simply press the DELAY START button to scroll through the time options. When no lights are shown, Delay Start is off. Once DELAY START has been selected the START/PAUSE button will cease flashing and the Delay Start count down timer will start automatically.

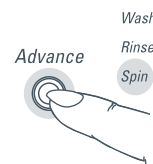
Note: We suggest that you avoid using Delay Start for damp, non-colourfast items as this may cause dye to run.



Soak

The Soak option adds a 2 hour soak into the middle of the wash phase of the cycle. During the soak, the washer will agitate for a few seconds every minute. At the completion of the soak period the *AquaSmart™* will then complete the rest of the wash cycle. To select Soak, press the SOAK button once to select Soak ON.

Note: Once the Soak is under way you can exit out at any time by pressing the SOAK button. This does not apply to BULKY cycle. For BULKY cycle to exit Soak press ADVANCE.



Wash Advance

There may be times when you wish to use the rinse and spin or spin only stages of the wash cycle. The Advance option allows you to fast forward your cycle to the desired location. Press the ADVANCE button repeatedly to advance the cycle to the desired position, then press START.



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To customise a cycle

You can program your *AquaSmart™* to remember the wash options you prefer for each wash cycle. For instance, you may want to set the REGULAR cycle to a cold wash.

- 1 Press POWER.
- 2 Press the wash cycle button.
- 3 Select your wash options, (eg. cold wash).
- 4 Press and hold down the wash cycle button for 2 seconds, until you hear a beep. This will store your customised cycle for future washes.

To change your customised wash cycle simply repeat these steps.

Note: You will be unable to customise a wash cycle to start at the rinse or spin stage.

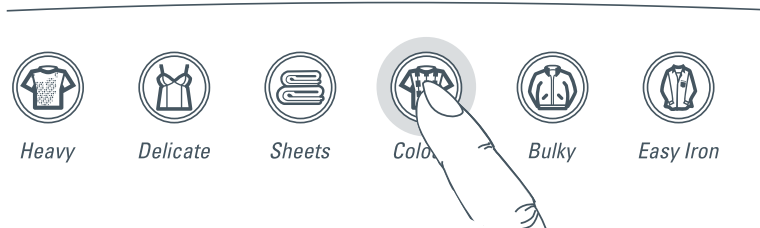


Fig.15 Customising the wash cycle

Option Adjustment mode

After using your *AquaSmart™* you may want to fine tune some of the options to suit your wash needs.

There are a number of preset options, which can be altered.

- The wash temperatures.
- The rinse option.
- Changing the cold wash to Controlled Cold.
- The number of beeps at the end of the cycle.
- The Out of Balance recovery routine.
- Resetting the washer back to the settings it left the factory with.

To enter Option Adjustment mode

- 1 Turn the washer on at the wall but do not press POWER. Press START/PAUSE and hold down, then press POWER. You will hear two quick beeps and the machine will show an unusual pattern of lights. Pages 42-45 explain the different options in more detail.
- 2 Use the buttons on the panel to make your changes to the pre-set options.
- 3 Press POWER to return to normal mode.
- 4 Your *AquaSmart™* will automatically remember your changes.

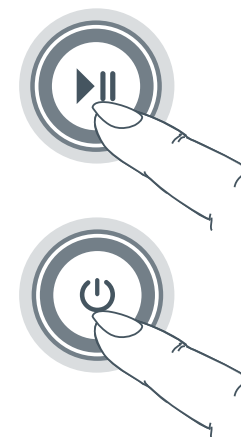


Fig.16 Press START/PAUSE and hold down, then press POWER

Wash temperatures

All wash temperatures can be individually adjusted.

- 1 Enter Option Adjustment mode (refer to page 41).
- 2 Select the WASH TEMPERATURE you want to adjust.
- 3 The wash cycle buttons show the temperature adjustment possible for that temperature.
 - For example the REGULAR cycle button will be the coldest available setting for that temperature and the Easy Iron button will be the warmest.
 - This means that by selecting a button to the left or the right of the button that is currently lit you can increase or decrease the temperature. To increase the temperature setting, move to the right and to decrease the temperature setting, move to the left. Each step in temperature equates to approximately 1°C.

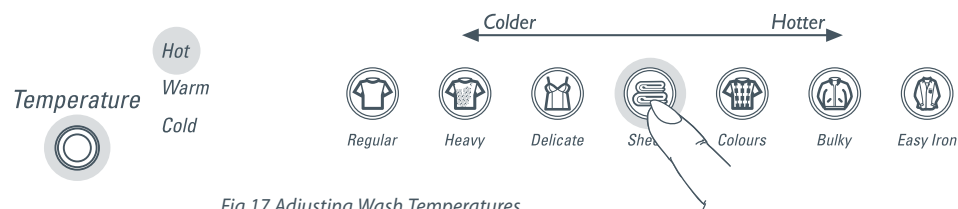


Fig.17 Adjusting Wash Temperatures

Controlled Cold

The temperature of cold water varies widely, depending on your location and the season. The lower the water temperature, the less effective the wash becomes. To help with this issue we have developed Controlled Cold. This adds a small amount of warm water, when necessary, to raise your cold water wash to 20°C. This will ensure that you receive the most effective wash in cold water.

- 1 Enter Option Adjustment mode (refer to page 41).
- 2 Select COLD wash temperature.
- 3 The Wash cycle buttons show the temperature adjustment possible.
- 4 When the REGULAR cycle light is on, the machine will fill with cold water only.
- 5 Press the SHEETS cycle button and your AquaSmart™ will control the temperature to approximately 20°C. Each following light to the right equals approximately a 1°C temperature rise.

Note: If you always use cold or controlled cold water, we recommend that a warm or hot wash be used regularly, eg. every 5th wash should be at least a warm one to keep your machine well maintained.

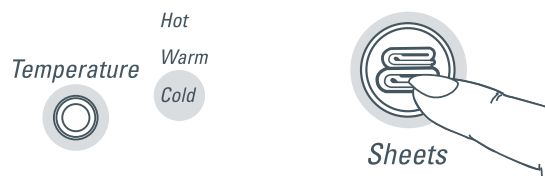


Fig.18 Select Cold Wash temperature

Aqua Plus

Using this option adds additional water to the Aqua Rinse in a High Efficiency cycle. This will give you a little extra rinsing for those with sensitive skin. You can also use this option if you tend to wash a lot of dark garments.

- 1 Enter the Option Adjustment mode (refer to page 41).
- 2 Press SOFTENER to change to a double Aqua Rinse.
- 3 Press POWER to save your selection.

Rinse Options

Softener light on	Double Aqua Rinse
Softener light off	Aqua Rinse

End of Cycle beeps

The number of beeps that signal the end of the cycle can be altered. Choose between no beeps, five or fifteen beeps. The DELAY START button adjusts the cycle signal setting.

End of Cycle Beeps

1hr light	No beeps
3hr light	5 beeps
9hr light	15 beeps

- 1 Enter the Option Adjustment mode (refer to page 41).
- 2 Press the DELAY START button to adjust the cycle signal setting.
- 3 Press POWER to save your selection.

Out-of-Balance recovery routine

When your *AquaSmart™* is spinning it can sense if the wash load is out-of-balance and will stop and re-try spinning up to 3 times. If it still senses an unbalanced load there are two options the machine can take.

Automatic Recovery option

Your *AquaSmart™* will try to automatically correct the out-of-balance load. It will fill with water and agitate to redistribute the load before trying to spin up again.

Machine Stops option

Your *AquaSmart™* will stop, give a short burst of beeps every 5 seconds, and the spin speed lights will flash. You must redistribute the load more evenly yourself. (Use this option if you wish to conserve water).

Your washer arrived with the 'Machine Stops' option set.

- 1 Enter Options Adjustment mode (refer to page 41).
- 2 Select SOAK to program your *AquaSmart™* to automatically recover.
- 3 Press POWER to save your selection.

Reset Back to Factory Settings

If you would like to reset all settings back to those that were set when your *AquaSmart™* left the factory you have the option of selecting RESET DEFAULTS.

- 1 Enter Option Adjust Mode (refer to page 41).
- 2 Press and hold the START/PAUSE button until you hear one quick beep. This indicates that all settings have been returned to the factory default settings.

Soak



SOAK
light on = automatic recovery

Soak



SOAK
light off = machine stops

Fig.19 Adjusting Out-of-Balance recovery routine



Fig.20 Resetting factory defaults

Control Panel Lighting

The panel lighting of your *AquaSmart™* washer can be adjusted to suit the environment that it is located in. For a low lighting situation you may need more lighting contrast and for installations where there is a lot of ambient light, you may need less.

To adjust the control panel lighting:

- 1 Turn the washer on.
- 2 Press and hold the High Efficiency button for 2 seconds until you hear a quick beep. You will then see a subtle change in the lighting contrast.
- 3 To change the setting again simply repeat the process.

Your *AquaSmart™* washer leaves the factory set for low ambient light conditions.



Fig.21 Adjusting control panel lighting.

When you have finished the cycle

- Turn off the taps to prevent the chance of flooding should a hose burst.
- Unplug the machine from the wall socket.

Cleaning your AquaSmart™

Before you start cleaning your AquaSmart™ washer, ensure that it is turned off at the wall (or that the Key Lock mode has been activated (LCD models only, refer to page 34)).

Cleaning the soft touch buttons, screen and topdeck

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

You can also remove the lid for cleaning. Open the lid fully, grasp the lid on both sides. Lift in an upward motion, as shown. To replace the lid, hold the lid vertically and align both hinges before pushing downwards and slotting back into place.

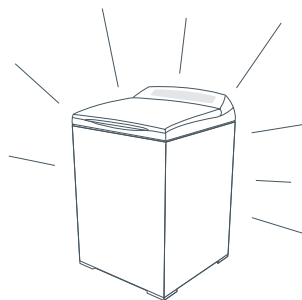


Fig.22 Removing the lid

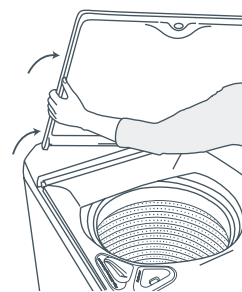
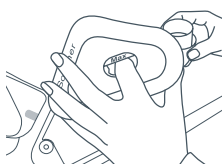


Fig.23 Removing the fabric softener funnel

Cleaning the detergent and fabric softener dispensers

Wipe out the detergent dispenser with a damp cloth. The funnel of the fabric softener dispenser (the top) clicks off easily. Simply place a finger down the centre and lift. The fabric softener well is not removable and needs to be wiped clean periodically. If the siphon tube looks partially blocked use a cotton bud to clean.



Cleaning the inside of your washer

It is important that you occasionally clean the inside of your machine. Your AquaSmart™ has a bowl clean cycle specifically for this purpose. We recommend that you use the CLEAN ME cycle 5 – 6 times a year and suggest that you do not wash clothes during this cycle. (Note: LCD models will show a reminder on screen to do this after every 100 cycles).



LCD model: Cleaning steps

- 1 Add approximately 2 scoops of a powdered detergent that contains phosphate directly into the detergent dispenser.
- 2 Turn your machine on and scroll to LIFESTYLE cycles.
- 3 Scroll to the CLEAN UP screen.
- 4 Select CLEAN ME.

LED model: Cleaning steps

- 1 Add approximately 2 scoops of a powdered detergent that contains phosphate directly into the detergent dispenser.
- 2 Turn your machine on and press and hold the HIGH EFFICIENCY and START buttons.
- 3 Your AquaSmart will automatically start the CLEAN ME cycle.

Cleaning your low profile agitator

If your low profile agitator becomes stained we recommend you use household bleach to clean it. Ensure you wear gloves, tip a small amount of household bleach onto a soft cloth and apply to the stain. Be careful to avoid metal surfaces of your machine. Leave it to soak in for 10 minutes and repeat. Then put your AquaSmart™ washer through the CLEAN ME cycle to remove any residual bleach (refer to page 46).

Automatic lint disposal system

With AquaSmart™ there is no need to remove messy lint filters. Your AquaSmart™ has a self cleaning lint disposal system. It automatically separates the lint from the wash water as it washes. The lint becomes trapped between the inner and outer bowls and is flushed out at the end of the wash.

Nappy sanitisers/bleach

Nappy sanitisers and bleach are very corrosive to metal surfaces. DO NOT use your AquaSmart™ to soak items in bleach or sanitiser, or tip the contents of the nappy bucket into your machine. Rinse and wring items out thoroughly before placing them in the machine. For LCD model users, wring out cloth nappies before using the NAPPY RINSE cycle in LIFESTYLE cycles, FAMILY (refer to page 30).

For LED model users, wring out cloth nappies, place into the washer and select BULKY cycle. Using the ADVANCE button, advance the cycle to RINSE and press START. After the cycle is complete, wash nappies as normal.



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Please read the following pages before you call for service.

You can correct many of your machine's problems yourself, using the checklists on the following pages.

Your AquaSmart™ is capable of diagnosing its own problems and if it has a problem it will beep and display a message telling you what is wrong.

If your AquaSmart™ beeps for help

A musical series of beeps every 5 seconds and...

The musical series of beeps is the same sound that your washer makes when you turn it on at the wall.

	"My load is OUT OF BALANCE" on screen (LCD models) SPIN SPEED and RINSE or SPIN light is flashing (LED models)
	Wash load is out of balance.
	Ensure the machine is stationary and manually redistribute the load.
	Check your machine is level (refer to Installation instructions pages 3-5).
	"I am not getting any WATER" (LCD models) The HOT and COLD water temperature lights are both flashing (LED models)
	Check that the taps have been turned on.
	Check that the inlet hose filters are not blocked.
	Check that the inlet hoses are not kinked or squashed.
	Check to see if the drain hose is too low or is pushed into the standpipe too far. This will cause the water to siphon out of the machine (refer to Installation instructions pages 3 – 5).
	"I am not getting any HOT WATER" (LCD models) HOT water temperature light flashing (LED models)
	Check that the hot water supply has been turned on.
	Your hot water supply may not be hot enough to maintain the selected water temperature.
	Select a lower wash temperature.
	Check that the inlet hose filter is not blocked.
	Check that the inlet hoses are not kinked or squashed.
	Check that the inlet hoses have been connected to the correct taps.
	The flow rate of the supply water may be too slow.



**"I am not getting any COLD WATER" (LCD models)
COLD water temperature light is flashing (LED models)**

Check that the cold water supply has been turned on.

Your cold water temperature may exceed the recommended limits (refer to Installation instructions pages 3 – 5).

Check that the inlet hose filter is not blocked.

Check that the inlet hoses are not kinked or squashed.

Check that the inlet hoses have been connected to the correct taps.

The flow rate of the supply water may be too slow.



**"I am OVERLOADED" (LCD models)
WASH cycle light is flashing (LED models)**

Your machine is overloaded and cannot continue the cycle.

Ensure the machine is stationary and remove items until the remaining ones can move freely.

Check that the machine is not siphoning (refer to Installation instructions pages 3 – 5).



"I have TOO MANY SUDS" (LCD models) / RINSE and CYCLE light is flashing (LED models)

Your machine has a suds build-up. Too much detergent may have been used for the amount of soil in the load.

Ensure that you are using a HE Low Sudsing, Matic or Front Loader type detergent.

Wait for suds to dissolve (about 20 minutes).

Rinse clothing using the RINSE and SPIN cycle, or run through another cycle (LCD models) or advance wash progress through to RINSE (LED models).



"I can't LOCK THE LID" (LCD models) / LIDLOCK light is flashing (LED models)

Check that the lid is closed.

Press START/PAUSE.

If the symptom persists, call your Fisher and Paykel Dealer or Authorised Service Centre.

Single beep every second and ...



**"I need SERVICE" message and fault number (LCD models)
The service light (spanner icon) is flashing (LCD models)**

1. Turn your machine off at the wall.
2. Wait 1 minute and turn it back on.
3. Check your machine is level (refer to installation instructions pages 3 – 5).
4. Remove load and retry.
5. Put through a RINSE and SPIN cycle (refer to page 17).
6. If the fault re-occurs repeat steps 1 and 2.



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If the machine still will not work, call your Fisher & Paykel Dealer or Authorised Service Agent to arrange service (refer to page 54).

Pressing POWER does not turn on machine.

Is the power switched on at the wall?

Unplug from wall. Wait 60 seconds, plug back in, turn on and try again.

Could household power supply be at fault? Try plugging in another appliance.

Key Lock Mode may be activated (LCD models only). Try holding down the POWER button for 3 seconds. Refer to page 34.

Pressing START/PAUSE does not start the fill.

Are both hot and cold taps turned on?

Are the inlet hose filters blocked? Check ends of hose.

FILLING continuously.

Ensure drain hose is located in standpipe or tub.

Ensure standpipe or tub is at least 850 mm high and no more than 2400 mm high.

Make sure the machine is not siphoning (refer to pages 3–5).

NOT SPINNING properly.

Ensure load is not out of balance.

Check machine is level and does not rock.

Ensure machine does not have suds buildup.

SPIN SPEED sounds slower than normal.

Clothes are unevenly distributed in wash bowl, your machine has slowed the spin to compensate.

WATER LEVEL low.

Your machine is designed to automatically sense load size and minimise water use, therefore the water level may look different to your previous washer, this is normal.

WASH WATER temperature is not warm.

This unique wash system uses two wash phases. The second phase can be cooler than the first to minimise energy use. This is normal and will not affect wash performance.

Too many SOAP SUDS.

Ensure that you are using a Low Suds, Matic or HE detergent.

Try using a little less detergent, especially if garments are only lightly soiled.

SMALL PUDDLE of water coming from under machine.

The detergent dispenser may be blocked (refer to page 10).

Fabric softener dispenser may not be fitted correctly (refer to page 11).

Machine may have been overloaded, causing splash from clothes as machine filled. Try reducing load size or select BULKY cycle for large, bulky items.

Wash CYCLE TIME longer than usual.

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

Your machine may have initiated Wash Recovery Mode where it has sensed your load is washing unevenly. Ensure your machine is loaded evenly. Wash very heavy or very large items separately.

ADDING WATER in the middle of the wash/increased wash volume.

Your machine may have initiated Wash Recovery Mode where it has sensed your load is washing unevenly. Ensure your machine is loaded evenly. Wash very heavy or very large items separately.

Small amount of WATER IN BOWL AT END OF CYCLE.

It is normal for a small amount of water to discharge from the fill nozzle after a wash.

Liquid remaining in FABRIC SOFTENER DISPENSER at end of cycle.

Check next time if you wish for Softener to be dispensed that you select Fabric Softener ON.

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

Try cleaning your fabric softener dispenser to remove any blockages.

If the dispenser is at MAX level at the completion of the cycle, check for and remove any blockages.

If problems persist, contact your Fisher & Paykel dealer or service agent (refer to page 54).

CREASING.

Was the washer or dryer overloaded?

Selecting the EASY IRON cycle will minimise creasing.

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

LINTING.

Was the washer overloaded?

Wash lint givers, eg. towels, separately from lint receivers, eg. synthetics. Also wash similar colours together (eg. lights with lights, darks with darks).

Have you used enough detergent?

Over drying clothes in the dryer can cause them to attract lint.

Try using a Conventional cycle (refer to page 7), or the softener rinse (refer to page 25 (LCD models) or page 38 (LED models)).

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?

Separate heavily and lightly soiled garments.

Use a wash temperature suitable for soil type, eg. warm for greasy soils, cold for muddy soil.

DETERGENT RESIDUE.

Are you using the most appropriate wash cycle?

Did you use the recommended amount of liquid detergent?

Try using the fabric softener rinse (ie. turn Fabric Softener option ON). Note: adding fabric softener to the dispenser is not needed in this instance.

Was the washer overloaded?

Is your cold water less than 20°C? – select Controlled Cold temperature option.

DYE TRANSFER.

Remember to separate whites and colours.

Wash non-colourfast items separately and select COLOURS cycle.

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

BLACK or GRAY MARKS on Clothes.

Are you using enough detergent for the amount of dirt?

Empty machine and put through a CLEAN ME cycle.

TANGLING.

Have you separated out larger items from smaller items?

Try using a Conventional cycle.

Try using the EASY IRON cycle to wash shirts.

Wash sheets on their own using the SHEETS cycle.

Try washing smaller load sizes.

If problems persist, please contact your Fisher & Paykel dealer or service agent (refer to page 54).

When you purchase any new Fisher & Paykel whiteware Product you automatically receive a two year Manufacturer's warranty covering parts and labour for servicing.

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.

This warranty DOES 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, levelling the machine, adjustment of the drain to correct syphoning, noises, crossed, kinked or leaking inlet hose connections, turning on water, noises caused by the waterhammer or power supplies.
 2. Noise or vibration that is considered normal, eg. spin sounds, user warning beeps.
 3. Water on the floor due to incorrect loading or excessive suds.
 4. Provide instruction on use of the product or change the set-up of the product, eg. instruction on correct use of detergents and fabric softeners.
 5. 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.
 6. Replace fuses in, or correct house wiring or correct house plumbing, eg. unblock drains.
 7. Correct corrosion or discolouration due to chemical attack.
 8. Correct damage caused by pests, eg. rats, cockroaches etc.
- 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.

Service under this manufacturer's warranty must be provided by an Authorised Service Agent (refer to the Customer care section for contact details). Such service shall be provided during normal business hours. This warranty certificate should be shown when making any claim.

Note: This warranty is an extra benefit and does not affect your legal rights and applies only to product purchased in New Zealand and Australia.



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Please keep this User Guide in a safe place.
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Do not return to Fisher & Paykel.

First, check for 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.



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

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 37 2273 **Fax:** (09) 273 0656

Email: customer.care@fp.co.nz **Postal address:** P.O. Box 58732, Greenmount, Auckland

If you need service...*

Fisher & Paykel has a network of independent Fisher & Paykel Authorised Service Centres whose fully trained technicians can carry out any service necessary on your appliance. Your dealer or our Customer Care Centre can recommend an Authorised Service Centre 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: customer.care@fp.com.au **Postal Address:** PO Box 798, Cleveland QLD 4163

If you need service...*

Fisher & Paykel Australia Pty Ltd has a network of independent Fisher & Paykel Authorised Service Centres whose fully trained technicians can carry out any service necessary on your appliance. Our Customer Care Centre can recommend an Authorised Service Centre in your area.

*If you call or write, please provide: name, address, model number, serial number, date of purchase and a 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 top left hand side of the console or back panel of the washer cabinet.

Product details

Fisher & Paykel Appliances Ltd

Model/Serial No.

Date of Purchase _____ Purchaser _____

Dealer _____ Suburb _____

Town _____ Country _____



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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 our Customer Care Centre to ensure this booklet correctly describes the product currently available.

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AquaSmart™ clothes washer

Installation instructions and user guide

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