

# Washing Machine ASKO W6221

*Dear ASKO customer,*

*Thank you for choosing this Scandinavian quality product made in Vara, Sweden.*

*We want you to feel confident that the inside of your new machine is as good as the outside, and that the ethical and moral principles on which we built this machine are just as high as the quality and performance that you obtain from it. We hope that our machine will keep you happy for many years to come.*

*To derive the best possible benefit from your product, we recommend that you read this Use & Care Guide and the Installation Instructions before using the machine.*

# CONTENTS

---

<b>READ FIRST</b>	<b>PAGE</b>
<b>1 Before washing the first time</b>	<b>3</b>
<b>2 Safety instructions</b>	<b>4</b>
General, Installation, Washer door, Interrupting a program, Overfill protection, Packing material, Transport/Winter storage, Disposal	
<b>3 Children's safety</b>	<b>5</b>
Child-safe washing, Protect children, Child safety catch on detergent compartment, Child safety catch on temperature knob	
<b>4 Parts of the washing machine</b>	<b>6</b>
<b>5 Detergent compartment</b>	<b>6</b>
<b>6 Panel</b>	<b>7</b>

## **INSTALLATION**

---

See instructions for installation.

## **WASHING**

---

<b>7 Before washing</b>	<b>8-10</b>
Sorting the washing, Garments, Recommended garment labelling, Coloured cotton, Delicate washing, Minimizing allergy hazards, Save time, Economy and efficiency, Detergents, Textile dyeing	
<b>8 Washing</b>	<b>11-14</b>
Instructions - step-by-step, Available programs	
<b>9 Consumption values</b>	<b>15</b>

<b>CARE</b>	<b>PAGE</b>
<b>10 Care and Cleaning</b>	<b>16-17</b>
Cleaning the needle trap and drain pump, detergent compartment, outside of the machine, Clean-out recess under the ridges, Cleaning the inside of the machine to prevent odour problems, If you have hard water	

## **PROBLEMS?**

---

<b>11 Trouble shooting</b>	<b>18-20</b>
Machine will not start, Door will not close, Door will not open, Fault indications	

## **MISCELLANEOUS**

---

<b>12 Technical information</b>	<b>21</b>
Technical data, Standard tests	
<b>13 Service and guarantee</b>	<b>23</b>
<b>14 Quick guide</b>	<b>24</b>
<b>15 Index</b>	<b>25</b>

# 1 BEFORE WASHING THE FIRST TIME

---

## **CAUTION WITH CERTAIN MATERIALS**

Always check and adhere to recommended garment labelling on the items concerned. If no recommendations are given, refer to those in Chapter 7, Before washing.

## **TRANSPORT SUPPORTS**

Are the transport supports removed? If not, see the Installation instructions.

## **WASHER DOOR**

The door of the washer opens electrically. Consequently, the door cannot be opened normally until the machine is connected to an electric power supply. However, emergency opening is available, see Chapter 11, Trouble shooting.

## **CHECK HARDNESS OF THE WATER**

Call your local water company to find out what degree of water hardness applies. This has significance in relation to the amount of detergent that should be used.

For brief operating instructions; see Chapter 14, Quick guide.

# 2 SAFETY INSTRUCTIONS



## GENERAL

- Study and save this Use and Care Guide for future reference.
- Electrical and water installation, if required, must be carried out by authorised persons.
- The machine may only be used for washing in accordance with this Use and Care Guide - not for dry cleaning.
- Use only detergents intended for machine washing.
- Remove the transport supports before using the machine, see installation instructions.

## INSTALLATION

See the accompanying installation instructions.

## WASHER DOOR


The door of the washer opens electrically. Consequently, the door cannot be opened normally until the machine is connected to an electric power supply.

To open the door manually, see the heading, Door will not open, in Chapter 11, Trouble shooting.

The machine cannot be started with the door open.

To open the door during operation, see below, Interrupting a program.

## INTERRUPTING A PROGRAM

To interrupt a washing program, turn the program knob forward to position 11, Drain. Any water in the machine will be pumped out. Press the  button to open the door. To restart:

Fill with additional detergent if required, set a new program and close the door and the machine will start.

## OVERFILL PROTECTION

If the level of water in the machine rises above normal, the overflow protection will start to pump out water and shut off the water supply. The program will be interrupted if the level does not fall within 60 seconds.

## PACKING MATERIAL

Sort the packing material for recycling according to recommendations by the local authorities.

## TRANSPORT/WINTER STORAGE

If the machine is to be transported or stored during the winter, on unheated premises, empty the needle trap and the drain pump, see Chapter 10, Care and cleaning.

If you have any questions, please phone your retailer.

## DISPOSAL

Contact your refuse collection service or your local authorities for advice on how to scrap the machine in a proper manner for recycling.

The machine is made and marked to facilitate recycling.

# 3 CHILDREN'S SAFETY



## **CHILD-SAFE WASHING**

Always close the washer door and start the program immediately after filling with detergent.

Do not allow children to play with the washing machine.

## **PROTECT CHILDREN**

Keep detergents and conditioner out of the reach of children.

## **CHILD SAFETY CATCH ON DETERGENT COMPARTMENT**

On the right in the handle of the detergent compartment there is a disengageable safety catch to prevent children from opening the compartment.

### **Engaging the child safety catch**

To engage the child safety catch, pull the detergent compartment out a little so that you can reach the catch. Pull the catch towards you and then release it.

### **Child safety catch engaged**

To open the compartment when the child safety catch is engaged you must push the catch to the left while pulling out the compartment.

### **Disengaging the child safety catch**

To disengage the child safety catch, push the catch to the left and then towards the back of the machine.

## **CHILD SAFETY CATCH ON TEMPERATURE KNOB**

Underneath the temperature knob there is a disengageable safety catch to prevent operation by children. A flat-bladed screwdriver is needed to engage or disengage the catch.

### **Engaging the child safety catch**

Insert the screwdriver in the hole of the catch. Press the screwdriver upwards and turn clockwise at the same time, release the catch down and turn back.

### **Child safety catch engaged**

The child safety catch protrudes when it is engaged. To alter the temperature setting when the catch is engaged:

- push the catch up.
- turn the temperature knob to the desired setting.
- release the catch.

### **Disengaging the child safety catch**

To disengage the child safety catch, push the catch up and turn clockwise at the same time. When the catch is at its highest position turn back so that the catch remains pressed in.

# 4 PARTS OF THE WASHING MACHINE

---

1. DETERGENT COMPARTMENT

---

2. MAIN POWER SWITCH

---

3. PROGRAM PANEL

---

4. DATA PLATE

---

5. COVER - DRAIN PUMP

---

6. DRAIN PUMP (BEHIND THE COVER)

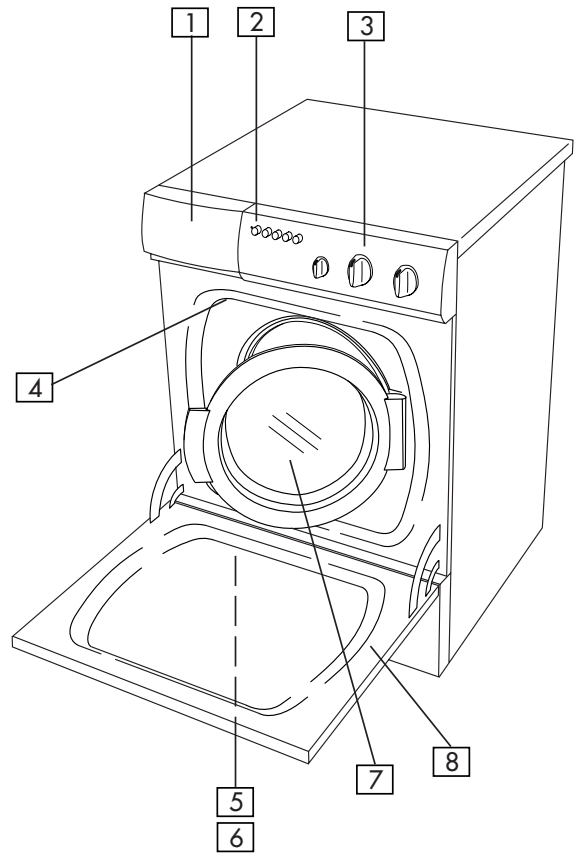
---

7. WASHER DOOR

---

8. OUTER DOOR

---



# 5 DETERGENT COMPARTMENT

---

1. DETERGENT COMPARTMENT - PRE-WASH

---

2. DETERGENT COMPARTMENT - MAIN WASH

---

3. CONDITIONER COMPARTMENT

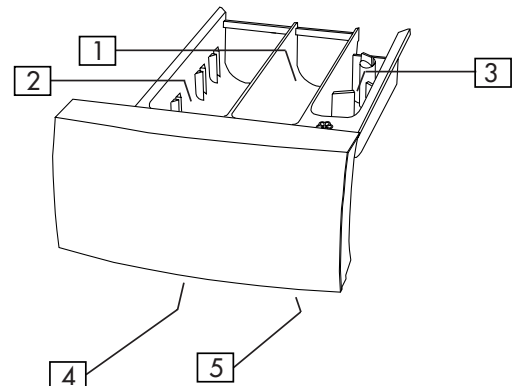
---

4. DETERGENT DIVIDER (LOCATED UNDERNEATH)

---

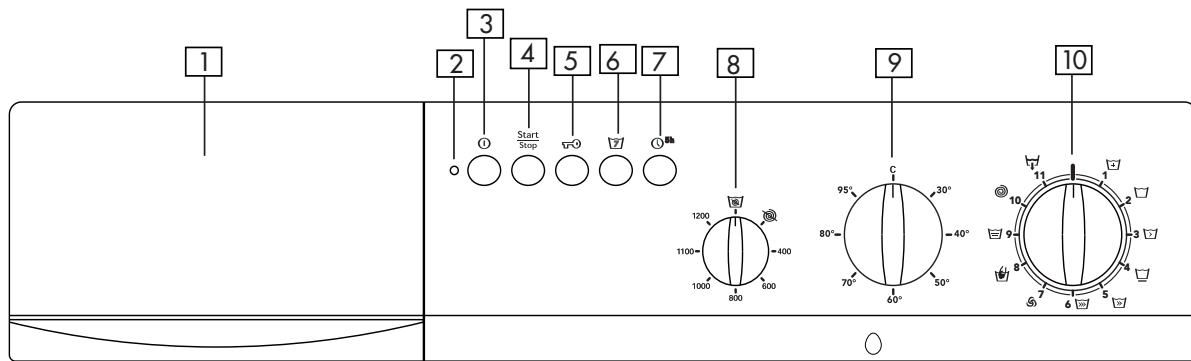
5. CHILD SAFETY CATCH

---



# 6 PANEL

---



---

1. DETERGENT COMPARTMENT

---

2. INDICATING LAMP ON/OFF

---

3. MAIN POWER SWITCH

---

4. START/STOP BUTTON

---

5. DOOR OPENING

---

6. SUPER RINSE

---

7. DELAYED START - 5 HOURS

---

8. SPIN-DRY SELECTION KNOB

---

9. TEMPERATURE KNOB

---

10. PROGRAM SELECTOR KNOB. THE PROGRAMS ARE DESCRIBED IN THE TABLE IN CHAPTER 8, WASHING

---

# 7 BEFORE WASHING

Before you start washing, here is some advice that can be useful.

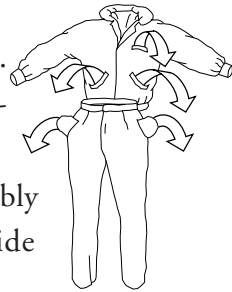
## SORTING THE WASHING

Sort garments in relation to:

- How soiled they are
- Colour
- Material

## GARMENTS

- Close zip-fasteners so that they do not chafe against other items.
- New coloured garments can have surplus dye and should therefore be washed separately the first time.
- Turn garments inside out. This reduces the risk of burling and dye creases.
- Empty pockets and suitably let them wash turned inside out.



## RECOMMENDED GARMENT LABELLING

Check the recommended labelling. The table below gives useful information on suitable washing programs for different materials and amounts of washing.

### COLOURED COTTON








Coloured cotton garments marked with a recommendation for 60°C should the first time be washed at 60°C to get rid of any surplus dye. If this advice is ignored there is a risk that colours will run. Use a detergent without bleach to safeguard the colours.

### DELICATE WASHING.

#### Unbleached linen

Unbleached linen should be washed at 60°C using a detergent without bleach or optical whitening agent. Severely soiled linen can occasionally be washed at a higher temperature, but not too often because heat can destroy the lustre and strength of linen.


## Symbols in washing instructions

WASHING LABEL	MATERIAL	PROGRAM	LOAD
	Cotton, linen, white and light colours	Normal wash 60°C to 95°C	1/1 drum
	Cotton, linen. Darker colours	Normal wash 60°C	1/1 drum
	Polyester, cotton/polyester, nylon. Whites	Synthetic wash 60°C	1/2 drum
	Rayon, acetates, acrylics. Sensitive colours	Synthetic wash 40°C	1/2 drum
	Polyesters, cotton/polyester, nylon. Colours	Synthetics wash 40°C	1/2 drum
	Silk and very delicate items	Synthetic wash 30°C	1/3 drum
	Items marked IWS and Superwash	Wool/hand wash 40°C	1/3 drum



### **Wool and silk**

Wool and silk are sometimes marked machine wash, and sometimes hand wash. The Wool and Hand wash programs of the machine are at least as gentle as washing by hand.

Wool is particularly sensitive to mechanical processing. If you wish to avoid spin drying, you can press out the water instead using terry towelling. Select  (No Spin). Once the program is complete, you should then run the Drain program.

Most garments will tolerate a short spin, however. The Wool and Hand wash programs automatically include a short spin.

### **Man-made fibres and synthetic fibres**


These materials require a lot of space if they are not to crease. Fill the drum only to half load when washing man-made/synthetic fibres. Select a short spin by selecting a spin speed of 800 revolutions/minute or lower.

### **NOTE**

---

Viscose and acetate are brittle when wet.

### **MINIMIZE THE RISK OF ALLERGY**

This washing machine offers a Super rinse option . You should use this if you have sensitive skin, for example people with allergies and infants.

### **SAVE TIME**

Use the Light wash program to save time. This program has a shorter main wash than Normal wash, but it is often sufficient for normally soiled washing.

### **ECONOMY AND EFFICIENCY**

You can save energy by using a shorter program.

- Select Super quick wash if you simply need to freshen up shirts or training kit, etc. You will save both water and energy.
- Select a fast spin speed to reduce the energy consumption for subsequent drying in a tumble dryer or a drying cabinet.

### **DETERGENTS**


Overdosing detergent will not give better results, it only increases the burden on the environment.

Try using less detergent, and increase the dose only if you are displeased with the washing results.





## FABRIC DYEING


If you want to dye fabrics in the machine, select Normal wash with the Super rinse option, . Choose the temperature recommended by the dye manufacturer.

If the fabrics to be dyed are cotton/polyester mixtures, you should select spin speed of 400-800 revolutions/minute to spin the fabrics.

### NOTE

---

Bleaches or stain removers that contain the chemical  $\text{Na}_2\text{S}_2\text{O}_4$ , known as sodium dithionite or sodium hyposulphite, must not be used in this washing machine. If these substances are used they could cause corrosion and discoloration.

If the items being dyed are mixed material cotton/polyester then No spin, , should be selected. At the end of the program you can run program 8, Short spin, at spin speed 800 revs per minute to lightly spin dry the finished items.

### NOTE

---

Put the dye directly in the drum - not in the detergent compartment. After dyeing, the empty machine should be run using the same program. Use a normal amount of detergent.

# 8 WASHING

The following step-by-step instructions are provided to help you to achieve the best possible washing result.

## 1 SORT THE WASHING


For tips and advice, see Chapter 7 – Before washing.

### NOTE

Empty the pockets. Coins, nails and similar items can cause damage to the machine and textiles.

## 2 TURN ON THE MAIN POWER SWITCH ① .

## 3 OPEN THE DOOR AND PUT IN THE WASHING.

Press the -button once, and the door will open after three seconds. Put in the washing.

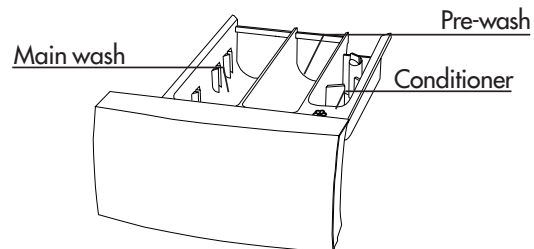
The table below the washing program indicates how much washing you can put in for each program.

## 4 PUTTING IN THE DETERGENT AND CONDITIONER

Follow the recommendations on the detergent packet for how much detergent should be used. The capacity of the machine is for 6,0 kg washing. If you put a smaller amount in the machine, you can reduce the amount of detergent accordingly.

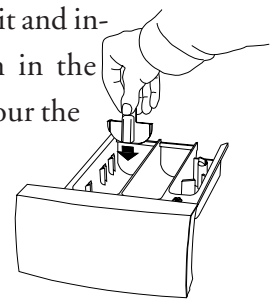
### Powder detergent

Pour in the powder for main wash ( **2** ) and any pre-wash ( **1** ).



### Liquid detergent


A partition divider for liquid detergent is provided, you will find it attached underneath the detergent compartment. Take it and insert it in the slot furthest in in the compartment as illustrated. Pour the detergent directly into the main wash compartment ( **2** ).



### Detergent ball or dosing bag

If you are using a detergent ball or dosing bag, put it in with the washing and select a program without pre-wash.

### Conditioner

Pour conditioner into the compartment marked . Follow the maker's instructions regarding the amount.

### NOTE

Do not exceed the maximum dose level of the container, the conditioner will otherwise flow in too soon and deteriorate the washing effect.





## 5 SELECT A PROGRAM

Select the program that you wish to use with the program selector knob. You can select between the following programs:

- 1 Heavy wash (with pre-wash)
- 2 Normal wash
- 3 Light wash
- 4 Synthetic wash
- 5 Quick wash
- 6 Super quick wash
- 7 Wool wash
- 8 Hand wash
- 9 Rinse program
- 10 Spin
- 11 Drain

The table on the following page contains more information about the programs.

## 6 SELECTING SETTINGS AND OPTIONS

You can obtain a washing program to suit your particular wash by setting the temperature knob and pressing the appropriate option buttons.

### Temperature

Set the desired temperature with the temperature knob. If you select C, the wash temperature will be the same as that of the incoming water.


For certain programs, the maximum temperature is always 40°C; see the table below.



### Spin

Set the spin knob to the desired setting.


A spin speed of 800 revolutions/minute or lower will always involve a short final spin. Spin speed settings above 800 revolutions/minute will always involve a long final spin.

For certain programs, the maximum spin speed is always 800 revolutions/minute; see the table below.

By pressing the  button, the program will be executed without a spin.


By pressing the  button, the program will be executed without a spin and will be completed without draining. The fabrics will thus remain floating in the water and will not crease. On completion of the program, disconnect  and select either the Spin or Drain program to drain the rinsing water from the machine.

### Super rinse


Press the  button to select the Super rinse option.

Super rinse adds extra rinses to the washing programs; see the table.

### Delayed start

By pressing the  button, the machine will start 5 hours after you start the washing program.

### NOTE

Do not forget also to press the  button if you wish to start with a delayed start.

**TABLE OF AVAILABLE PROGRAMS**

Program information			Program content							Other				
Program No.	Program	Max. quantity	Temperature °C (A)	Max. spin speed rev/min	Pre-wash	Main wash	Spin	Rinse (B)	Spin	Rinse (B)	Spin	Rinse (B)	Spin	
1	Heavy wash	●	C,30-95	1200	■	■	⊙	■	⊙	■	⊙	■	⊙	
2	Normal wash	●	C,30-95	1200		■	⊙	■	⊙	■	⊙	■	⊙	Shorter main wash than for Normal wash.
3	Light wash	●	C,30-95	1200		■	⊙	■	⊙	■	⊙	■	⊙	
4	Synthetic wash	◐	C,30-95	800		■	■	■	■	■	■	■	■	
5	Quick wash	●	C,30-95	1200		■	■	■	■	■	■	■	■	
6	Super quick wash	◐	C,30-95	1200		■	■	■	■	■	■	■	■	
7	Wool wash (C)	◐	C,30-40	800		■	■	■	■	■	■	■	■	Slightly more gentle than Wool wash.
8	Hand wash (C)	◐	C,30-40	800		■	■	■	■	■	■	■	■	
9	Rinse program	●		1200			■						⊙	
10	Spin	●		1200									⊙	
11	Drain	●	Pumping only											

- 1/1 (6,0 kg)      ■ Wash
- ◐ 1/2 (3,0 kg)      ⊙ Short spin (max. 800 rev/min)
- ◑ 1/3 (2,0 kg)      ■ Rinse
- ⊙ Long spin

(A) C in the display denotes the temperature of the incoming water.

(B) With the Super Rinse On option: For programs 1-3, four extra rinses will be included, and one spin will be omitted. For programs 4-8: two extra rinses will be included before the final ordinary rinse.


(C) Delicate wash – high water level.

WM334-3







## 7 STARTING THE PROGRAM

Close the washer door, and start the program with the  button. It will take a few seconds before you hear the machine starting.

### Interrupt the program


To interrupt the program, press the  button for three seconds. If any water remains in the machine, run either the Drain or the Spin program. Any water will then be pumped out. Then press the  button to open the door. To restart: fill with new detergent, if required, and select a new program.

### Alter settings during the program


Press in/out the option buttons that you wish to alter, or turn the temperature knob to the desired setting.

- Program – the program is not affected when the program knob is operated. Interrupt the program instead.
- Temperature – can be altered before the temperature has been reached in the main wash.
- Spin speed – can be altered at any point before the final spin.
- Super rinse – can be altered before the water is pumped out after the main wash.
- Delayed start – cannot be altered. You should instead interrupt the program, change the settings and restart the machine.

## 8 PROGRAM COMPLETED

The program is complete when the door can be opened with the  button. If you have selected a program without spinning, and if water remains in the machine, run the Spin or Drain program to enable the door to be opened.

## 9 WHEN WASHING IS FINISHED

Turn off the main power switch  and close the washer door to prevent small children from crawling into the machine.

## 9 CONSUMPTION VALUES

The following conditions apply for the consumption values indicated below:

Temperature of incoming water: 15°C. Element power: 2000 W. Options: None

PROGRAM	MATERIAL/WASHING TEMPERATURE(1)	LOAD (2)	WATER CONSUMPTION (approx. litre)	POWER CONSUMPTION (approx. kWh)	PROGRAM TIME (approx. minutes)
Heavy wash	Cotton, linen, 60°C	5,0 kg	52	1,20	135
Normal wash	Cotton, linen, 60°C	5,0 kg	49	0,95	120
Light wash	Cotton, linen, 60°C	5,0 kg	49	0,90	80
Synthetic wash	Polyester, cotton / polyester, nylon, 40 C	3,0 kg	28	0,35	65
Quick wash	Cotton, linen, 60°C	5,0 kg	35	0,90	58
Super quick wash	Polyester, cotton / polyester, nylon, 40 C	3,0 kg	22	0,30	35
Wool wash	Wool/Hand wash, IWS, Superwash, 30°C	2,0 kg	54	0,30	40
Hand wash	Wool/Hand wash, IWS Superwash, 30°C	2,0 kg	54	0,30	40
Rinse program	Cotton, linen	5,0 kg	7-12	0,05	15
Spin	Cotton, linen	5,0 kg	----	0,05	10
Drain	Cotton, linen	5,0 kg	----	----	1

(1) All programs are set to the highest available spin speed.

(2) The machine can handle a maximum load of 6.0 kg.

# 10 CARE AND CLEANING

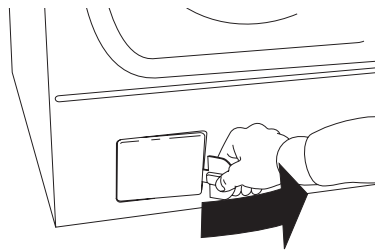
---

## CLEANING THE NEEDLE TRAP AND THE DRAIN PUMP

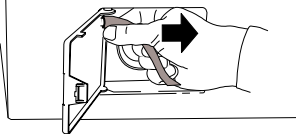
The washing machine has a trap in which coins, hairpins and similar items fasten. Clean the needle trap and the drain pump as follows:

1. Ensure that the machine is drained and the main power switch is turned OFF.

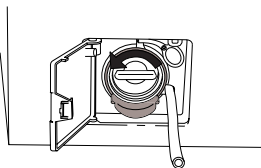
2. Open the drain pump cover. Use the partition piece from the detergent compartment, as illustrated.



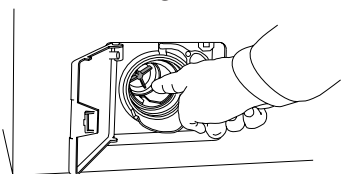
3. Drain off the water, eg, in a bowl, by pulling loose the drain hose from its connection on the inside of the cover.



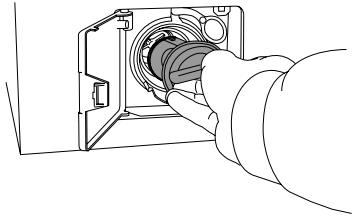
4. Open the pump by screwing its cover anticlockwise. Pull out the cover together with the needle trap.



5. Clean out any objects and foreign matter from the pump housing. Ensure that the pump blade, at the rear, can be rotated.

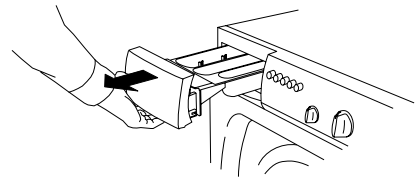


6. Screw on the cover together with the needle trap, put the drain hose back on its connection and close the cover.

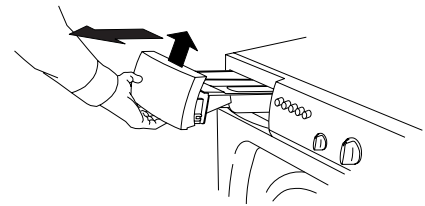


## CLEANING THE DETERGENT COMPARTMENT

Pull out the detergent compartment as far as it goes.



Then pull upwards and outwards as illustrated.



Flush and brush the detergent compartment.

Put the detergent compartment back in.

### NOTE

Do not wash the detergent compartment in a dishwasher.

## CLEANING THE OUTSIDE OF THE MACHINE

Use a mild detergent to clean the outside of the machine. Do not use any solvents, they can damage the machine.

### NOTE

Do not spray the machine with water.



### **CLEANING THE INSIDE OF THE MACHINE TO PREVENT PROBLEMS WITH ODOUR**

Today's modern detergents mean that washing at low temperatures is often sufficient. However, this can result in small deposits forming inside the machine. These can eventually lead to odour problems.

To avoid these problems, we recommend running a 95° program on a few occasions each year. You should use a small quantity of detergent at the same time. It is not necessary to fill the machine with washing.

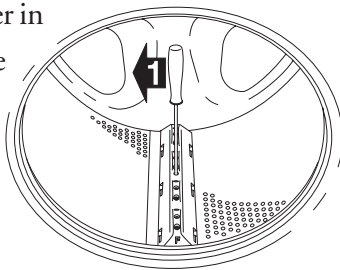
### **CLEANING HOLES UNDER THE RIDGES**

If you suspect that objects, eg, nails, paperclips, pins and so on, have fallen through the washing drum you should check the space underneath the ridges. Such items can corrode and cause rust stains on your washing. Nails and other sharp objects can tear fabrics.

#### **Proceed as follows:**

1. Use a screwdriver or similar tool.

2. Insert the screwdriver in the middle hole in the ridge and carefully push the screwdriver handle to the left.

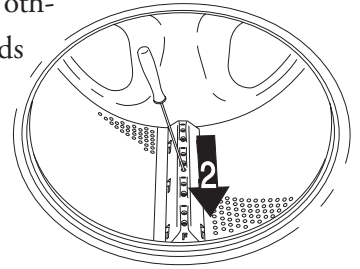


3. Grip the ridge with your other hand and pull it towards you as illustrated.

4. Lift up the ridge.

5. Remove any objects.

6. Position the ridge in the fixing holes with the F-mark facing you. Ensure that the ridge lugs fit firmly in their holes in the drum. Slide away from you until it stops.



### **HARD WATER**

If you live in an area with hard water, the washer drum may become coated with a grey-white deposit. To get rid of the deposit, pour a packet of citric acid, about 20 gram, in the drum and run the Normal wash program at 95°C. You will find citric acid on the spice shelf in your grocer's store.

# 11 TROUBLE SHOOTING

---

## MACHINE WILL NOT START

- Is the washer door properly closed?

Press it shut firmly.

- Check that the main power switch **I** is ON.

- Is the power supply interrupted?

Check the fuses in the house.

Is the delayed start button pressed in?

Interrupt the program by holding in the **Start/Stop** button for three seconds. Then press out the **5h** button and finish by restarting with the **Start/Stop** button.

## WASHER DOOR WILL NOT CLOSE

If the door opens again immediately after you have closed it, check that you have made the correct program settings. If this does not help, there is probably a fault. Call the service department.

## WASHER DOOR WILL NOT OPEN

- Is the program complete?

Wait for the door mechanism to release at the end of the program.

- Check that the main power switch **I** is ON.

- Is the power supply interrupted?

Check the fuses in the house. The machine door cannot be opened with the **Emergency opening** button if the power supply is interrupted.

- Is water still present in the machine?

Run either of the Drain or Spin programs at a suitable speed to remove the water.

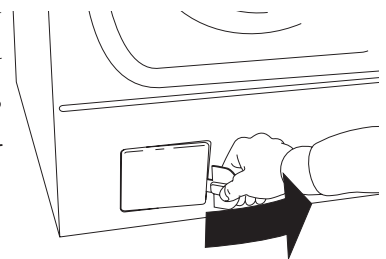
- Emergency opening

If all else fails, emergency opening of the machine door is possible. Proceed as follows:

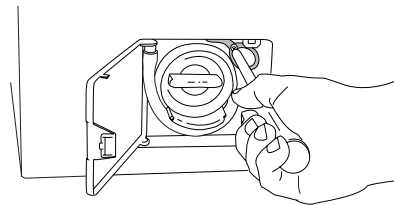
1. First check that there is no water in the machine. If any water remains in the machine, drain the machine by the method described under the heading Checking needle trap and drain pump in Chapter 10, Care and cleaning.

2. Make certain that the main power switch is OFF.

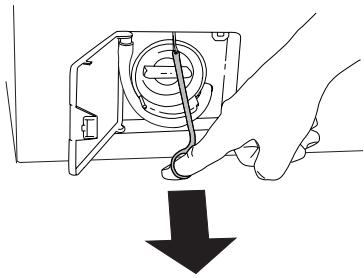
3. Open the drain pump cover at the bottom left. Use the partition piece from the liquid detergent dispenser, as shown in the illustration.



4. Unscrew the screw holding the red plastic handle in place.



5. Pull the handle and the door will open.



6. Insert the handle into its slot and screw it into place. Close the drain pump cover.

If the door still cannot be opened in the normal way on future occasions, you should call the service department.

#### **MACHINE WILL NOT TAKE IN WATER AFTER STARTING**

- Check that the water tap is open.

Proceed as follows:

1. Open the water tap.
2. If the program started more than five minutes ago, restart the program with the  $\frac{\text{Start}}{\text{Stop}}$  button.

- Check that the strainer in the machine's water inlet is not clogged.

Proceed as follows:


1. Close the water tap.
2. Unscrew the hose to the machine's water inlet.
3. Clean the strainer in the machine's inlet valve.
4. Screw the hose back in place.
5. Open the water tap.
6. If the program started more than five minutes ago, restart the program with the  $\frac{\text{Start}}{\text{Stop}}$  button.

If this does not help, call the service department.

#### **MACHINE WILL NOT SPIN**

- Is  (No spin) selected?

The machine has completed the program without spinning.

Switch off  and run the Spin program at a suitable spin speed.

- Check for any unbalance in the load.

The machine has an integral unbalance sensor, which causes the speed to be reduced or spinning to be bypassed if high unbalance is present in the load. The machine performs all the rinse sequences, however.


Proceed as follows:

1. Open the door and redistribute the load.
2. Run the Spin program at a suitable speed.

#### **WATER REMAINS IN THE MACHINE AT THE END OF THE PROGRAM**

- Is the  button (No Spin/No Drain) pressed in?

The machine has completed the program without spinning and does not pump out the water at the end of the program.

Switch off  and run either of the Drain or Spin programs (at a suitable speed) to remove the water.

- Is the power supply switched off?

If so, the machine will have stopped in the program. Check the fuses in the house. The program will continue when the power supply returns.





**- Check the drain hose and the drain pump.**

Proceed as follows:

1. If necessary, straighten out any folds in the drain hose.
2. Has any object become trapped in the outlet from the drain hose? Clean the hose.
3. Is the drain pump blocked by a foreign body? Clean the pump; see Chapter 10, Care and cleaning.
4. Run either of the Drain or Spin programs at a suitable speed to remove the water.

**PROGRAMS TAKE TOO LONG**

If a normal program takes over three hours, for example, the heating has probably failed to function. Start a new program. If the fault is repeated frequently, call the service department.

# 12 TECHNICAL INFORMATION

---

## TECHNICAL DATA

Height:	850 mm.
Width:	595 mm.
Depth:	585 mm.
Weight:	73 kg/78 kg (with outer door).
Drum volume:	50 litre.
Maximum washing capacity:	6,0 kg.
Spin speed, r/min:	600 - 1200 rpm.
Rated power, connection:	See data plate.
Rated power, element:	See data plate.
Water pressure:	0.1 - 1 MPa. 1 - 10 kp/cm <sup>2</sup> . 10 - 100 N/cm <sup>2</sup> .
Material: Washing drum and fluid container	Stainless steel.
Material: Outer cover	Powder-lacquered and hot-galvanized steel sheet or stainless steel.
Positioning:	Four adjustable, rubber-coated feet.
Water connection:	1.5 m PEX tube.
Drain:	1.7 polypropylene hose.

## STANDARD TESTS

Europe:	EN 60 456 (95/12/EEC).
Washing program:	Program 2 - Normal wash, 60°C, 5.0 kg cotton.
Connection:	Cold water 15°C.
Test procedure, acoustic measurement:	IEC 60 704-2-4.

---

This page has been left blank for technical printing reasons.

---

# 13 SERVICE AND GUARANTEE

## SERVICE

Before calling for service, check to see whether the fault is due to something that you can put right yourself. See chapter 11, Trouble shooting.

If you do require service, telephone your local ASKO retailer or the ASKO representative for your country. See guarantee card for address and telephone number.

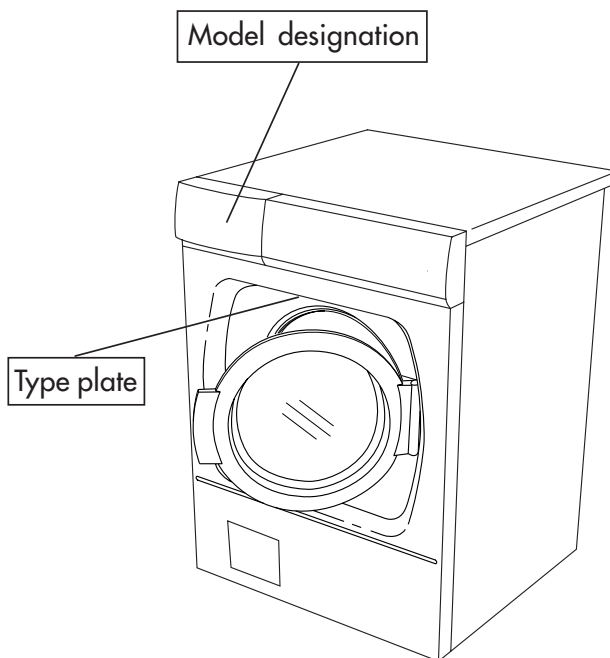
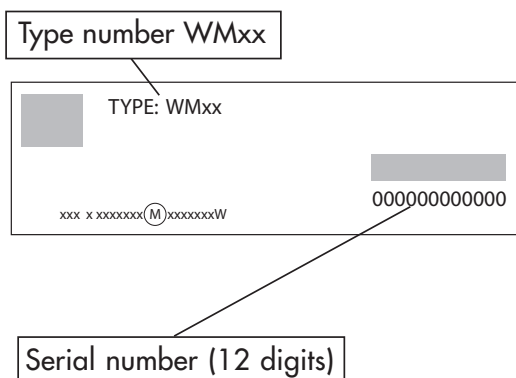
## GUARANTEE

For guarantee details, see the guarantee card.

### BEFORE CONTACTING THE SERVICE DEPARTMENT

Before contacting the Service Department, make a note of the model number, type designation and serial number.

The model number is on the detergent compartment. The type designation and the serial number are on the type plate located above the washer door.




# 14 QUICK GUIDE

## 1. SORT THE WASHING

## 2. PRESS THE MAIN POWER SWITCH, , AND OPEN THE DOOR, .

Load the washing.

## 3. FILL WITH DETERGENT AND CONDITIONER AS REQUIRED.


Detergent (main wash) to the left ( **2** ), detergent if required (pre-wash) in the middle section ( **1** ) and conditioner to the right (  ). If liquid detergent is used the partition piece, attached underneath the detergent compartment, is to be inserted in the inner slot of the compartment.

## 4. SELECT PROGRAM, SETTINGS AND OPTIONS


## 5. CLOSE THE DOOR


## 6. START THE PROGRAM

Press the  button.

You can interrupt the program by holding down the  button for three seconds.

## 7. WHEN WASHING IS COMPLETED

Turn off the main power switch  and close the washer door.

 <b>WASHING</b>	Items marked IWS, Superwash or Hand wash.	7-8	Wool/hand wash	30-40	400-800	1/3
	Washing that only needs a quick freshener, eg, shirts, tracksuits.	6	Super quick wash	30-40	400-1200	1/2
	Polyester, cotton/polyester, nylon. White garments.	4	Synthetic wash	60	400-800	1/2
	Slightly soiled cotton or linen.	5	Quick wash	40	400-1200	1/2
	Cotton, linen. Darker coloured garments. Economy program.	2	Normal wash	40	400-1200	1/1
	Cotton, linen. Darker coloured garments.	2	Normal wash	40-60	400-1200	1/1
	Cotton, linen. Darker coloured garments. Super efficiency program.	2	Normal wash	40	400-1200	1/1
	Cotton, linen. White and light coloured garments.	2	Normal wash	60	400-1200	1/1
	Cotton, linen, white and light coloured garments. Super efficiency program.	2	Normal wash	60-95	400-1200	1/1
	Cotton, linen, white and light coloured garments. Super efficiency program.	1	Heavy wash	60-95	400-1200	1/1
	Severely soiled washing, eg, working clothes.					
<b>SET THE:</b>	<b>Program</b>					
	<b>Temperature (°C)</b>					
	<b>Spin speed</b>					
	<b>Amount of washing</b>					



# 15 INDEX

	Chapter		Chapter		Chapter
Acetate	7	Hand wash	7,8,14	Rinsing program	8
Acrylate	7	Hardness of water	1	Safety rules	2
Allergy	7,8	Hard water	10	Selecting program	8,14
Altering settings after starting	8	Heavy washing	8,14	Service	13
Amount of washing	7,14	Height	12	Short spin	7,8
<b>Bleach</b>	7	Installation, see Installation		Silk	7
Burling	7	instructions		Sorting the washing	7
		Interrupting a program	2	Spin drying	7,8,11,12,14
<b>Care</b>	10			Spin speed	8,12
Children's safety	3	Light wash	8,14	Start	8
Cleaning hole	10	Linen	7,14	Stop	8
Cleaning	10	Liquid detergent	8	Strainer	10
Colours	7	Main power switch	8,14	Super quick wash	8,14
Conditioner	5,8,14	Material	7,14	Super rinse	8
Consumption values	9	Needle trap	10	Synthetic fibre	7
Cotton	7,14	No drain	8	Synthetic fibre	7
Cover, drain pump	4,10,11	No spin	8	Synthetic wash	7,8,14
Crease free, see No drain		Normal wash	7,8,14	<b>Technical information</b>	12
		Nylon	7	Temperature	7,14
<b>Data plate</b>	4	Odour	10	Textile dyeing	7
Delayed starting	8	Options	8	Time	9
Delicate garments	7	Overfill protection	2	Towelling	7
Delicate washing	7	Packing material	2	Transport support	1
Depth	12	Panel	6	Transport	2
Detergent bag	8	Partition piece	5,8	Trouble shooting	11
Detergent ball	8	Parts of the washing machine	4	<b>Unbalance</b>	11
Detergent compartment	5,8	Pockets	7	<b>Viscose</b>	7
Detergent	7,8	Polyester	7	<b>Washer door</b>	2,4,11
Disposal	2	Powder detergent	8	Washing capacity	8,12
Door opening, see Washer door		Power consumption	9	Washing ridge	10
Door, see Washer door		Pre-wash detergents	5,8,14	Washing	8,14
Dosage	8	Pre-wash	8	Weight	12
Drain hose	10	Programs, see Wash programs		White washing	7,14
Drain pump	10	Quick guide	14	Width	12
Drain	8			Winter storage	2
Dyeing, see Textile dyeing		<b>Rayon</b>	7	Wool washing	7,8,14
Emergency stop, see Interrupt program		Recommended washing marking	7	<b>Zip fasteners</b>	7
Error indications	11				
<b>Guarantee</b>	13				

---

This page has been left blank for technical printing reasons.

---

---

This page has been left blank for technical printing reasons.

---

