

**WHC 1453 SC  
(AWC814SS)**

---

**USER MANUAL**

**EN**

---

**WASHING MACHINE**

*Please read these instructions carefully before you start using the washing machine!*

# CONTENTS

---

Basic information .....	3
Safety instructions .....	4
Install the washing machine .....	8
Explanation of the laundry symbols on clothes labels .....	10
Description of control panel and display .....	11
Special programmes .....	17
Operating the washing machine.....	18
Table of the wash programmes.....	19
Troubleshooting.....	20
Maintenance and cleaning.....	22
Practical advice .....	20
Technical data .....	23
Product data sheet.....	27



In accordance with the European directive **2012/19/EU** and the Polish law on waste electrical and electronic equipment, this appliance is marked with the symbol of a crossed-out waste container.

This symbol indicates that this appliance cannot be disposed of together with other household waste at end-of-life.

The user is obliged to deliver the appliance to a collection point for waste electrical and electronic equipment. The collection facilities, including local collection points, shops and municipal facilities, form a system providing for the return of this appliance. The correct disposal of electrical and electronic waste will help prevent negative consequences for human health and the environment caused by the presence of pollutants or the incorrect storage or treatment of such materials.

# BASIC INFORMATION

---

## Dear Customer,

from now on washing will be easier than ever. The Hansa washing machine combines very easy operation and perfect washing performance. After reading these instructions, operating the appliance will be easy. Before being packaged and leaving the factory, the washing machine was thoroughly checked with regard to safety and functionality at test stations. Some moisture or water may remain in the appliance from these tests.

Before using the appliance, please read this user manual carefully. Follow the instructions to avoid operating errors. Keep the user manual always at hand for reference. Precisely follow the safety instructions to avoid potential accidents.



### Note!

The washing machine is designed for household use only and for washing textiles and clothes suitable for mechanical washing in washing detergent.

Before you connect the washing machine to power supply, all transport safety devices must be removed and the washing machine correctly levelled. The manufacturer reserves the right to make changes which do not affect the operation of the appliance.

### Using the appliance

- Carefully read these instructions before using the washing machine.
- Never use the washing machine outside or in rooms where negative temperatures may occur.
- The appliance should not be operated by children or persons not familiar with these operating instructions.


**Note!** Temperatures below 0°C can damage the appliance!

If the appliance was stored or transported freezing temperatures, let it warm up for 8 hours in a room with a positive temperature prior to using it.

### Declaration of the manufacturer

The manufacturer hereby declares that this product meets the fundamental requirements of the following European directives:

- Low Voltage Directive - **2014/35/EC**,
- Electromagnetic Compatibility (EMC) Directive - **2014/30/EC**,
- Ecodesign Directive **2009/125/EC**,
- RoHS Directive **2011/65/UE**,

and has been marked with the  symbol and issued with a declaration of compliance which was submitted to the market surveillance authorities.

## SAFETY INSTRUCTIONS

---

**In case of damage to the fixed power cable, the cable should be replaced by a qualified person at the manufacturer's or in a specialist workshop in order to avoid hazards.**

### Laundry detergents

Use only laundry and care products intended for washing machines. In particular in the **COTTON** wash programme.

Do not use any solvent-based agents, because they can cause damage to certain parts of the washing machine or release toxic gases. They also involve a risk of ignition and explosion.

### Loading the washing machine

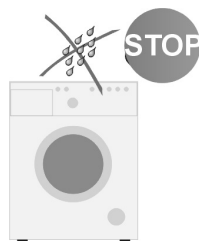
Make sure that no unwanted items get into the washing machine. Empty all the pockets, close buttons and zips. Place small and loose objects in a laundry washing bag or pillowcase, because they might otherwise be destroyed or damage the drum and the inner container. Do not exceed the loading limit recommended for the washing machine drum.

## SAFETY INSTRUCTIONS

---

Control panel Protect the control panel from water.

Do not deposit wet laundry on the appliance!



Transport Disconnect the washing machine from the power supply before transporting it. The washing machine must be adequately secured for transport (use transport safety devices). See chapter **INSTALL THE WASHING MACHINE**. Transport the washing machine in vertical position.

Nameplate The nameplate with the basic data of the washing machine is attached at the top on the back of the housing.

Burns Window and door of the washing machine get hot during operation. Keep children away from the washing machine when in operation.

## SAFETY INSTRUCTIONS

---

### Checking the stability

After positioning and levelling the washing machine you must check, if the machine stands firmly on all four feet. To do so, press down on each corner of the washing machine to see, if it moves. The correct horizontal position of the washing machine is an essential condition for a safe, reliable and smooth operation.



**Note!** Wait 3 hours before you use the washing for the first time. Level the washing machine and remove the shipping bolts.



**Note!** An incorrectly levelled and, in particular, unstable washing machine may move during operation.

## SAFETY INSTRUCTIONS

---

This appliance can be used by children from the age of eight (8) years or persons with physical, sensory or mental handicaps, or those who are inexperienced or unfamiliar with the appliance, provided they are supervised or have been instructed how to safely use the appliance and understand the possible hazards. Children must not be allowed to play with the appliance. Children must not be allowed to play with the appliance. Children must not be allowed to clean or maintain the washing machine without supervision.

Children under the age of three should not be allowed near the washing machine, unless under permanent supervision.

### **Decommissioning**

For safety reasons, a worn washing machine must be made unusable.

First, unplug the power cable and then cut it off.

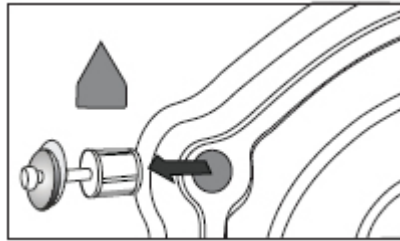
The disposal must be done in accordance with the local waste and refuse disposal regulations.



**“The wool wash programme in this washing machine was approved by the company Woolmark for washing machine-washable wool products, provided that these products are washed in accordance with the instructions on the product labels and the instructions of the washing machine manufacturer. M14111”.**

# INSTALL THE WASHING MACHINE

**I. Remove the transport safety devices (keep the transport safety devices, for example in case of a removal).**



- Unscrew the 4 blocking screws with a screwdriver.
- Remove the transport supports including the shims from the rubber and plastic bushing.

- Close the holes with the stoppers supplied in the bag with the accessories.

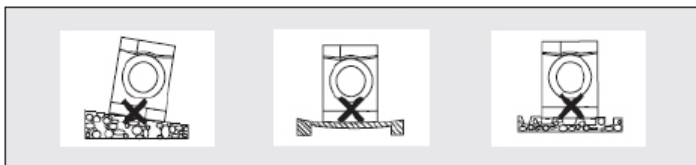


Make sure to remove the safety devices before using the washing machine!

## II. Positioning and levelling of the washing machine



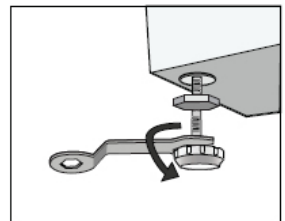
- Do not install the washing machine on a carpet!
- The floor must not be concave or inclined!
- Check the shape of the floor to make sure that the weight of the washing machine rests on the feet (and not on the housing)!



- Install the washing machine on a hard, even surface.
- Loosen the locknut (2)
- Level the washing machine by turning the feet with the nuts (1).
- Tighten the locknut (2)



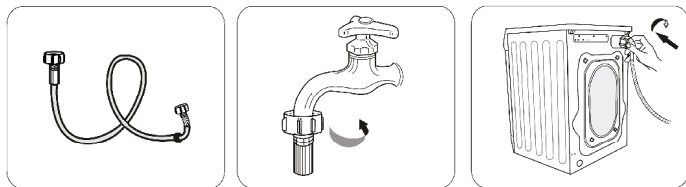
After positioning and levelling the washing machine, check that it is stable by pressing down on each corner to see, if it moves!





# INSTALL THE WASHING MACHINE

## III. Water connection



Use new and complete hoses including the necessary equipment. Do not re-use old hoses.

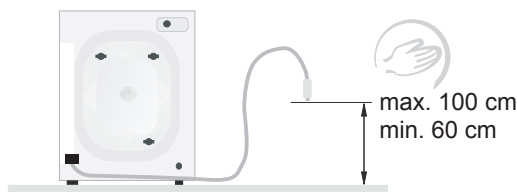
The water supply hose with the seals is in the washing drum.



Min. water pressure 0.05 MPa (0.5 bar), max. water pressure 1 MPa (10 bar).  
Supply the washing machine with cold water only.

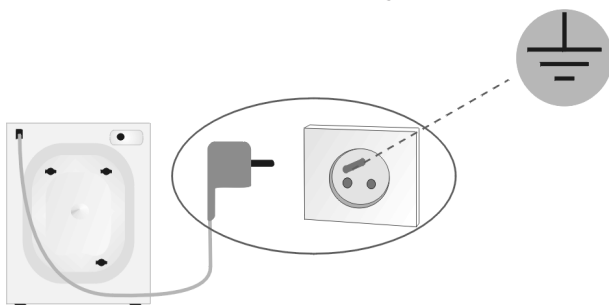
- After connecting the appliance, check that the hose is not twisted.
- After connecting the hose and the valve check them for leaks.
- Check the condition of the water hose regularly.

## IV. Water discharge



The drain hose is at the back of the washing machine. Secure the drain hose so that it does not move back and forth during the operation of the washing machine (use the bend – see below). Do not insert the drain hose too deep into the drainpipe!








## V. Connection to the power supply







- The power connection of the washing machine (socket of the electrical installation) must be located in a visible and accessible place!
- The washing machine must be connected to a correctly installed socket with earthing pin!
- Never use an extension cord!
- A damaged power cord must be exchanged by an authorized service centre.
- The power grid to which the washing machine is connected must be protected by a 10 A fuse.

# MEANING OF THE WASHING SYMBOLS ON THE INNER CLOTHING LABELS





## I. Washing

			
Normal wash at 90°	Normal wash at 60° C	Normal wash at 40° C	DO NOT wash!
			
Delicates		Handwash	

## II. Dry-cleaning

			
all Solvents	all except TCE	only petroleum	DO NOT dry-clean!

## III. Tumble-drying

			
normal	low heat	high heat	DO NOT tumble-dry!

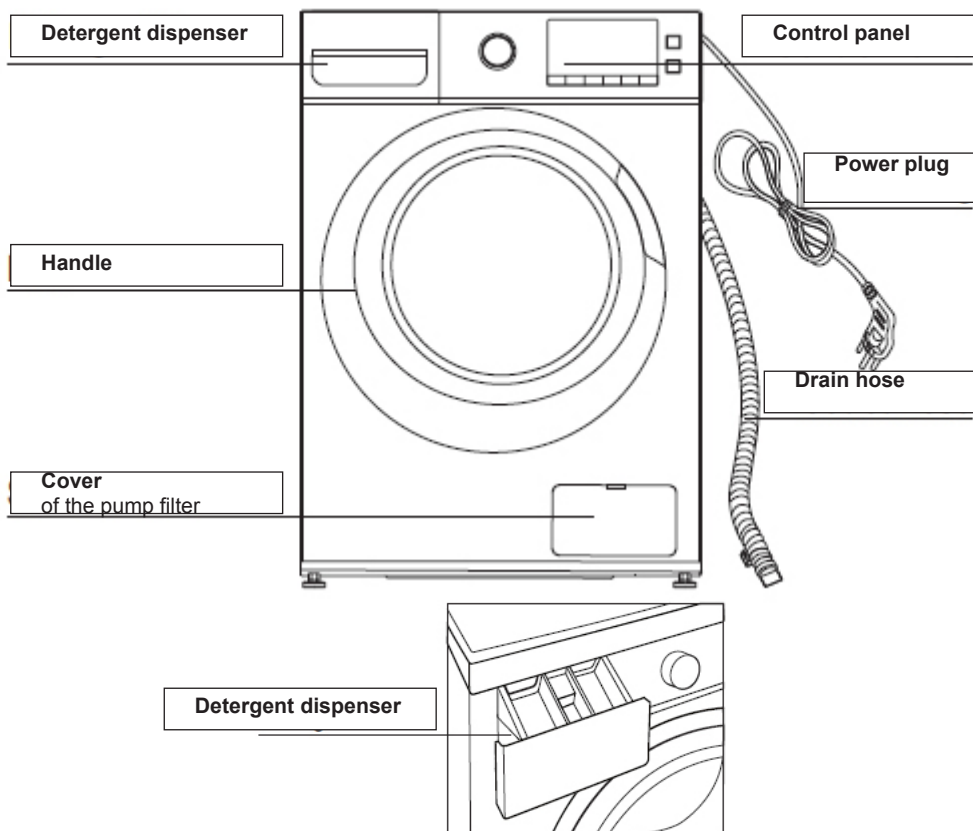
## IV. Ironing

			
110°C	150°C	200°C	DO NOT iron!

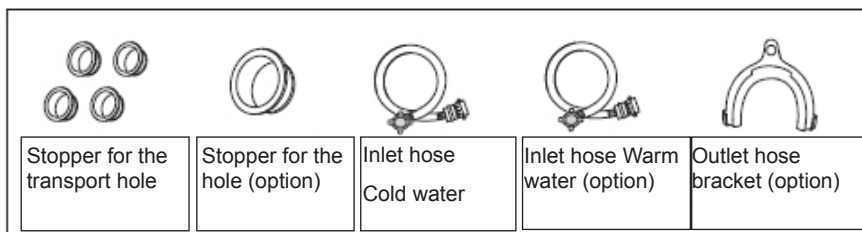


Check the symbols on the clothes labels before you select the programme.

# MEANING OF THE WASHING SYMBOLS ON THE INNER CLOTHING LABELS



## ■ Accessories:



# MEANING OF THE WASHING SYMBOLS ON THE INNER CLOTHING LABELS

---

## Quickstart:

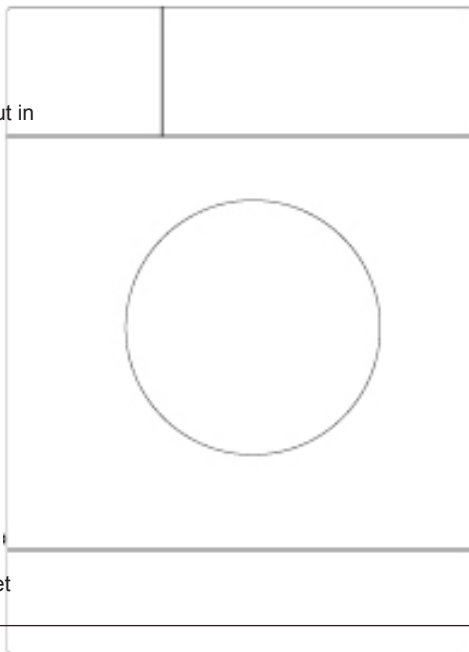
1. Installation of the washing machine

2. Open the door and put in the laundry.

3. Add the detergent

4. Close the door

5. Remove (attach outlet hoses)



10. Push the Start/Pause button

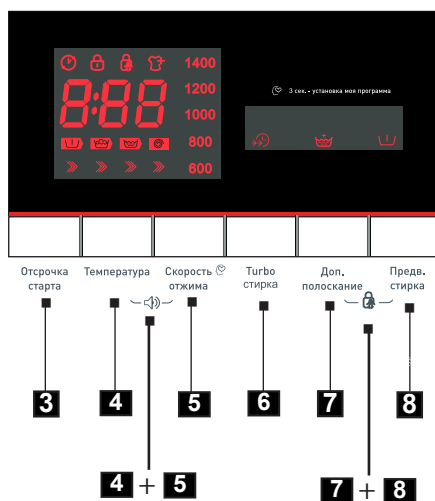
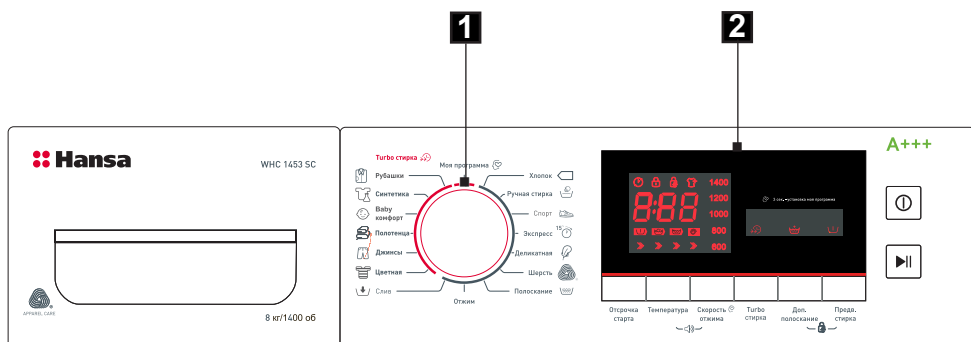
9. Select the programme.

8. Push the On/Off button

7. Connect to the power supply.

6. Open the water tap.

# DESCRIPTION OF CONTROL PANEL AND DISPLAY



1. Programme button
2. Display
3. Time Delay button
4. Temperature selection button
5. Spin speed button
6. Button for the additional **Rapid Wash**
7. Button for the additional **Extra Rinse**
8. Button for the additional **Prewash**
- 4+5. Sound On / Off
- 7+8. **Child lock**








# DESCRIPTION OF CONTROL PANEL AND DISPLAY

---


## 1. Programme button

The user can select an appropriate wash programme according to the degree of soiling, the type and amount of the laundry in order to ensure a better and more efficient result. Once a wash programme has been activated, the turning of the programme button to another position will be indicated by a sound signal, but the parameters of the initially selected wash programme will not be changed.

## 2. Display

While the washing machine is in operation, the time remaining till the end of the wash programme and the set spin speed will be displayed. The display will also show the symbols for the door lock , spinning , the progress of the wash programme , the child lock , the sound signal activation , the remaining time  as well as the symbols for the selected additional functions .

The indicated time is an estimated value and can differ from the actual washing duration depending on the temperature, the water pressure, the load, the amount of detergent etc. The time is automatically updated during the washing cycle, intermittent freezing and time leaps are possible.

When the Time Delay function is selected, the display shows the time remaining until the start of the programme. 

When setting the spin speed, the display shows the following values:

- 600 - 800 - 1000 - 1200 - 1400.

## 3. Button for the additional Time Delay function

This button serves to delay the start of the wash programme. The delay can be set from 1 to 24 hours. Push the button in order to set the time period after which the wash programme is to start.

**ATTENTION:** In case of a power outage during the countdown of the delay time, the function will resume the countdown as soon as the power supply is restored.

## 4. Temperature selection button

This button serves to set the temperature for the respective wash programmes. When you push the button, the display shows the available water temperature settings or cold water options (without preheating) for the relevant wash programme. Depending on the selected wash programme, the display shows the following setting options: - °C (cold) - 20°C - 30°C - 40°C - 60°C - 90°C.

## 5. Spin speed selection button

This button serves to set the spin speed during the pumping cycle. Push the button in order to change the setting. Depending on the wash programme, the following values will be displayed: 0 (no spinning) - 600 - 800 - 1000 - 1200 - 1400.

## DESCRIPTION OF CONTROL PANEL AND DISPLAY

---

### 6. Button for the additional Rapid Wash function

The rapid wash function shortens the total washing time and reduces the energy and water consumption.

This function is recommended for heavily soiled laundry.

NOTE 1: The Rapid Wash function is not available for all wash programmes (see: Table of the wash programmes).


### 7. Button for the additional Extra Rinse function

The Extra Rinse function is especially recommended for underwear and for clothes of people with sensitive skin. This function consists in an additional rinse of the laundry.

### 8. Button for the additional Prewash function

The **Prewash** function prolongs the washing time by about 20 minutes. It consists in an additional washing cycle before the main wash. With the pre-wash function very good washing results can be achieved without previously soaking the laundry. This function is recommended for heavily soiled laundry. The laundry is prewashed at the temperature of 30°C.

Note! The Prewash function is not available for all wash programmes (see: Table of the wash programmes).

**Note!** Before starting the Prewash function, you must add detergent to the dispenser with the symbol "".

### **START/PAUSE button**

Use the Start/Pause button to start or interrupt the wash programme.

When the washing machine is in operation, the corresponding washing cycle symbol blinks in order to indicate the current wash programme phase. In the Pause mode, the symbols do not blink but are lit continuously. The Pause function can be used to soak the laundry.

After starting the selected programme, wait about 10 minutes and then push the Start/Pause button. After the laundry has soaked for the required time, again push the Start/Pause button and the washing machine will continue the wash programme. Soaking improves the washing results when the laundry is very soiled.

## DESCRIPTION OF CONTROL PANEL AND DISPLAY


---

### 4+5. Sound signal On / Off

The sound function is switched on /off by simultaneously pressing and holding the **temperature and spin speed selection buttons** for 3 seconds.


### 7+8. Child Lock

This function blocks the function buttons in order to prevent a modification of the settings or the interruption of the running wash programme. This function can be activated during the wash cycle by simultaneously pressing and holding the **Extra Rinse** and the **Prewash** buttons for about 3 seconds. In order to deactivate this function during the wash cycle, again push the same buttons and hold them for about 3 seconds.

**Note!** When the child lock is activated, the display shows the symbol .

**Note!** The child lock is not deactivated by switching off the washing machine, disconnecting the power supply or the end of the wash programme.

### Selection of the Favourite programme

In order to set the Favourite programme, turn the selector dial to any of the wash programmes and select the temperature, spin speed and additional functions.  Keep the spin speed button pressed for about 3 seconds to confirm the settings of the Favourite programme. The default wash programme is cotton.



## SPECIAL PROGRAMMES

---

### 1. **Baby comfort wash programme**

This wash programme is intended for children and persons with sensitive skin. The main wash is always at 30°C (the available temperature settings are 40/30/20/-- Cold) and is followed by two rinsing cycles.

### 2. **Wash programme Coloureds:**

Standard wash programme, preset temperature “Cold”, preset spin speed 1000 rotations/minute. This wash programme can be used for washing coloured textiles, cotton, synthetics and underwear at the same time.

### 3. **Wash programme Express 15':**

These wash programmes serve to refresh clothes. They include all the wash cycles:

- main wash
- rinse
- spin

# OPERATING THE WASHING MACHINE

---

## ***I. Selection of the drying programme***

1. Set the programme button to the required position (see: Table of the wash programmes below).
2. In order to adjust the wash programme to individual requirements, the temperature and spin speed settings can be modified or available additional functions be selected.
3. Push the Start/Pause button

## ***II. Setting of the Time Delay of the wash programme***

The Time Delay function can be used, for example, to benefit from preferential electricity tariffs.

### Procedure:

1. Close the door of the washing machine.
2. Set the programme button to the required position (see the table of the wash programmes further on in the manual).
3. Select additional functions or change the washing parameters, as required.
4. Push the Time Delay button.
5. Select the time of delay from 1 to 24 hours. The display shows the setting range from 1h to 24h.
6. Push the Start/Pause button. The washing machine switches to the waiting mode. The wash programme will start automatically at the end of the delay time.

Attention: If a Time Delay was set for a wash programme, the display will indicate the time remaining until the start of the wash programme.


## ***III. End of the wash programme***

1. The end of the wash programme is indicated by a sound signal (if activated). The display shows 0:00, the door lock light goes out.
2. Close the water tap.
3. Switch off the washing machine.
4. Disconnect the washing machine from the power supply.
5. Open the door and take out the laundry.

## ***IV. Aborting and changing the wash programme.***

In order to abort a programme, push the On/Off button. Then reset the wash programme as required and push the Start/Pause button.

# TABLE OF THE RINSE PROGRAMMES

No.	Name of the wash programme	Max. ten- spin speed (rpm)	Max. load (kg)	Available additional functions					Detergent dispenser			Time (h:min)	Energy consump- (kWh)	Water consump- (l)	Number of rinses	Recommendations concerning the type of laundry	
				Time Delay	Rapid Wash	Extra Rinse	Prewash	Prewash	Prewash	Main wash	Softener						
1	Cotton*	60°	1400	8.0	Option	-	-	-	○	●	○	2:59	0.97	54	2	Moderately or heavily soiled cotton laundry, bed linen, table linen, underwear, towels, men.	
2	Handwash	Cold	600	2.0	Option	-	Option	Option	○	●	○	1:00	0.16	26	2	Very delicate fabrics.	
3	Sport	40°	1200	4.0	Option	-	Option	Option	○	●	○	0:45	0.58	35	2	Sportswear	
4	Express 15 <sup>1</sup>	Cold	800	2.0	Option	-	-	-	X	●	○	0:15	0.16	26	2	Lightly soiled, sweetly cotton and men clothing. <b>Attention:</b> With a shorter washing time, you must use more detergent. The washing machine can be opened about 2 minutes after the end of the washing cycle.	
5	Delicates	30°	600	2.5	Option	-	Option	-	X	●	○	0:50	0.35	29	2	Very delicate fabrics, e.g. silk.	
6	Wool	40°	600	2.0	Option	-	Option	-	X	●	○	1:07	0.44	26	2	<b>Attention:</b> Wool garments which cannot be washed in water. Garments which are marked with the corresponding symbol must not be washed in the washing machine.	
7	Rinse	-	1000	8.0	Option	-	Option	-	X	X	○	0:20	0.06	20	1	Program for rinsing with finishing. For very delicate fabrics the spin speed must be reduced.	
8	Spin	-	1000	8.0	Option	-	-	-	X	X	X	0:12	0.06	-	-	Spinning, e.g. after hand wash.	
9	Draining	-	-	-	Option	-	-	-	X	X	X	0:01	0.001	-	-	Draining only, no spinning.	
10	Colours	Cold	1000	4.0	Option	Option	Option	-	○	●	○	1:10	0.17	62	2	Lightly or moderately soiled delicate mix of synthetic or cotton/synthetic materials.	
11	Linens	40°	800	8.0	Option	Option	Option	Option	○	●	○	1:13	0.83	62	2	Soiled cotton laundry, synthetics, colourfast linens.	
12	Towels	60°	800	8.0	Option	Option	Option	Option	○	●	○	1:45	1.36	62	2	Heavily or moderately soiled cotton laundry and childrens wear which requires hot wash.	
13	Baby comfort	30°	800	8.0	Option	Option	Option	Option	○	○	○	1:20	0.56	62	2	This wash programme serves for washing childrens wear.	
14	Synthetics	40°	800	4.0	Option	Option	Option	Option	○	●	○	1:40	0.59	38	2	Soiled cotton laundry, synthetics, colourfast linens.	
15	Stains	40°	800	8.0	Option	Option	Option	Option	○	○	○	2:40	0.90	62	2	Soiled cotton, synthetics or cotton-synthetic mixtures (stains, diseases).	
16	Favourite																The user can select the most convenient or frequent wash programme and save it as the Favourite programme.

Use a detergent or a softener, if required.

● A detergent must be used for efficient washing.  
 ○ No detergent or softener can be used.

**ATTENTION:** The indicated duration is an estimated value and can differ from the actual washing duration depending on the temperature, the water pressure, the size of the load etc. The time is automatically updated during the wash programme, intermittent freezing and time leaps are possible.

\* - Standard cotton wash programmes at 60°C and 40°C. These wash programmes are suitable for normally soiled laundry. They are also the most efficient wash programmes in terms of power and water consumption for this type of laundry. Attention: The actual water temperature can differ from the indicated cycle temperature.

## TROUBLESHOOTING


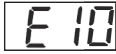


<b>Problem</b>	<b>Probable cause / Solution</b>
<b>The washing machine does not work.</b>	<ul style="list-style-type: none"> <li>- Open the water tap.</li> <li>- Clean the filter on the water supply hose.</li> <li>- Close the door of the washing machine.</li> <li>- Push the Start/Pause button.</li> </ul>
<b>Water runs out</b>	<ul style="list-style-type: none"> <li>- Connect the water hose correctly.</li> </ul>
<b>Wet laundry in the drum</b>	<ul style="list-style-type: none"> <li>- Return the laundry into the drum, clean the pump filter.</li> </ul>
<b>Unpleasant smell from the drum</b>	<ul style="list-style-type: none"> <li>- Switch on the self-cleaning programme without laundry (see: Table of the wash programmes).</li> </ul>
<b>No water in the drum</b>	<ul style="list-style-type: none"> <li>- Open the water tap.</li> </ul>
<b>Water remains in the softener compartment</b>	<ul style="list-style-type: none"> <li>- Press the "button" in the middle compartment.</li> </ul>
<b>The laundry is not well washed</b>	<ul style="list-style-type: none"> <li>- Dose the detergent according to the degree of soiling and the hardness of the water (see instructions on the detergent packaging).</li> <li>- Clean the pump filter.</li> </ul>
<b>The washing machine does not fill with water</b>	<ul style="list-style-type: none"> <li>- Open the water tap.</li> <li>- Check the setting of the wash programme.</li> <li>- Check the water pressure.</li> <li>- Reconnect the water hose.</li> <li>- Close the door of the washing machine.</li> <li>- Make sure that the water hose is not bent or blocked</li> </ul>
<b>Simultaneous inflow and outflow of water</b>	<ul style="list-style-type: none"> <li>- Check, if the endpiece of the drain hose is above the water level in the washing machine (the hose should be at a height of 0.6 m – 1 m)</li> </ul>
<b>The water does not drain off correctly</b>	<ul style="list-style-type: none"> <li>- Check the pump filter.</li> <li>- Check the drain hose.</li> <li>- Check the height of the drain hose; it should be at a height of 0.6 m – 1 m above the ground.</li> </ul>
<b>The washing machine vibrates</b>	<ul style="list-style-type: none"> <li>- Check, if the transport safety devices were removed.</li> <li>- Level the washing machine.</li> <li>- Block the feet (tighten the nuts).</li> </ul>
<b>Foam forms in the detergent dispenser</b>	<ul style="list-style-type: none"> <li>- Reduce the amount of detergent.</li> <li>- Verify the water hardness and the amount of detergent used, as well as the type of detergent used in the drum.</li> </ul>
<b>The washing machine stops before the end of the washing programme</b>	<ul style="list-style-type: none"> <li>- Check the power supply as well as the inflow and outflow of water.</li> </ul>
<b>Noise caused by the drain pump after pumping out the water.</b>	<ul style="list-style-type: none"> <li>- The water was pumped from the drum, but a little water remains in the pump and the drain hose. The continuous operation of the drain pump causes an intake of air and a characteristic noise, but everything is all right.</li> </ul>
<b>Brief interruptions during the wash programme</b>	<ul style="list-style-type: none"> <li>- The water in the washing machine automatically refills.</li> <li>- The pause is caused by the elimination of excessive foam.</li> </ul>

## TROUBLESHOOTING

### Display of the error codes of the washing machine

The washing machine has an alarm system, which helps solving minor problems connected with incorrect operation by means of “ERROR CODES” indicated in the display. With the ERROR CODES you can locate the defect and establish the cause.

If an error is found, the display shows information in accordance with the following table:

Display	Cause	Solution
	Low water pressure, no water in the washing machine.	Open the water tap, check the water hose, the filter and the water pressure.
	The water does not drain correctly.	Check the pump, the drain hose and the filter.
	The door is not closed.	Check, if the door of the washing machine is closed. Check, if no clothing is stuck in the door of the washing machine.
	Other	Try to restart the washing machine or contact the SERVICE CENTRE.

# CLEANING AND MAINTENANCE



Do not use any solvents or abrasive cleaners (e.g. cleaning agents or creams) for cleaning the housing and the plastic components of the washing machine! Use only gentle liquid agents and soft cloths. Do not use sponges.

## I. Cleaning the pump filter

**Clean the pump filter after about every 20 washes. An unclean filter causes difficulties during the drainage of the water from the washing machine!**



- Disconnect the washing machine from the power supply.
- Close the water tap.
- Cover of the pump filter

- Unscrew the filter
- Remove the filter
- Clean the filter open

Reinstall the filter in reverse order.

## II. Cleaning the water supply valve.



- Unscrew the water hose
- Hold the bolt of the filter mesh with pliers
- Remove the filter and clean it (with a brush)

Reinstall the filter in reverse order.

## III. Cleaning the detergent dispenser – to be cleaned at least once a month.



- Pull out the dispenser drawer (by simultaneously pressing the slide stop).

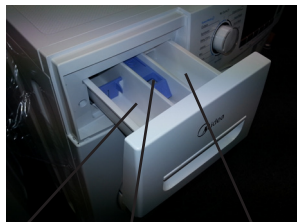
- Clean under running water (if necessary, with a brush or cloth).


- Re-insert the dispenser drawer.

## PRACTICAL ADVICE

We recommend the use of common powder or liquid detergents for all temperature ranges in accordance with the instructions of the manufacturer of the respective detergent indicated on the packaging.

### I. Detergents and finishing agents Detergents



- Follow the instructions of the detergent manufacturer.
- Fill the detergent into the dispenser compartment marked with the symbol **II**.
- Fill the detergent for the prewash into the dispenser compartment marked with the symbol **I**.
- Softeners used during the rinse.
- Follow the instructions of the softener manufacturer.
- Fill the softener into the middle dispenser compartment marked with the symbol .
- Do not exceed the maximum level indicated in the dispenser compartment. The rinsing agent is added for the last rinse.

### II. First wash

- Before the first wash, run a wash programme at a high temperature without laundry according to the following procedure:
  - Connect the washing machine to the power supply.
  - Open the water tap.
  - Set the programme button to washing at high temperature.
  - Fill in a suitable detergent and push the Start/Pause button.

### III. Soiling

- Tenacious stains  
Treat the laundry before the washing with a stain remover according to the instructions.  
Heavy soiling:
  - Wash only a smaller load.
  - Add more detergent.
  - After washing heavily soiled laundry (e.g. work clothes) or textiles losing fibres, we recommend to rinse the washing machine by running a wash programme at the temperature of 60°C without laundry, for example coloureds or easy-care.Light soiling
  - See point: Economy

### IV. Economy

- Reduction of power and water consumption  
For small amounts of lightly soiled laundry, use a suitable wash programme, for example **QUICK WASH**. If you use the optimal quantities of detergents, it is not necessary to use the Extra rinse function.

## PRACTICAL ADVICE




---

- V. Water hardness ➤➤ Hard water causes limescale formation in the washing machine. Your waterworks will inform you about the hardness of your water. We recommend to use a water softening agent for each washing.
- VI. Power outage ➤➤ (Memory of the wash programme) The programme is not deleted by disconnecting the washing machine from the power supply or a power outage. The programme remains saved and resumes when the power supply returns. Do not open the door of the washing machine in case of a power outage.
- VII. Loading ➤➤ The drum has a maximum capacity of 8 kg. The drum of the washing machine must be loaded with clothing in accordance with the following instructions:
- Cotton, jeans, children's wear – drum can be fully loaded (The clothes must not be pressed by force into the drum, because they will not be properly washed!).
  - Easy-care – fill the drum maximum to a half.
  - Wool, delicates, delicate fabrics – fill the drum maximum to a third.
- Attention! Do not overload the washing machine! If the washing machine is overloaded, the laundry might be damaged!
- The maximum load for each wash programme is indicated in the table of the wash programmes.**
- VIII. Control of the laundry distribution ➤➤ The electronic control system of the washing machine includes a balance control. The laundry is distributed in the drum at the beginning of the washing cycle. The drum turns for about 4 minutes before the washing cycle begins. The distribution of the laundry in the drum is controlled again before the spinning. In case of excessive imbalance, the system then tries several times to change the distribution of the laundry in the washing machine. Sometimes these measures do not suffice to redistribute laundry (for example, when frottee bathrobes or bedsheets have been washed with other laundry and all is twisted into a ball). There are two possible system reactions:
- the system accepts the uneven distribution of the laundry, but reduces the spin speed,
  - the system confirms the uneven distribution of the laundry and prevents spinning.
- In both cases, you have to open the door at the end of the washing cycle, redistribute the washing manually, close the door and reselect spinning.



## PRACTICAL ADVICE

---

- IX. Door lock  The washing machine is equipped with a locking system which prevents the opening of the door during the wash cycle. At the end of the wash programme, the machine automatically unlocks the door. In order to open the door of the washing machine during the wash programme, push the PAUSE button and wait about 2 minutes.  
**ATTENTION! If the temperature in the drum is high, the washing machine will remain locked until the water temperature is below 60° C.**  
**ATTENTION! Check, if there is water in the drum, before you open the door of the washing machine.**
- X. Delicates  Programme:  
● Select a suitable wash programme (EASY-CARE, WOOL, DELICATES).  
Loading:  
Do not overload the washing machine. Fill the drum maximum to a third. See point VII Loading.
- XI. Dosage  Follow the instructions of the detergent manufacturer.  
Too little detergent:  
● The laundry turns grey.  
● Lumps of fat form. Limescale forms.  
Too much detergent:  
● Severe foam build-up  
● Bad washing performance, the detergent is not well rinsed from the laundry.

## TECHNICAL DATA

---

- Model	<b>WHC 1453 SC (AWC814SS)</b>
- Rated voltage	220-240V / ~50Hz.
- Rated power	2000 W
- Overload protection	10 A
- Drum capacity	max. 8 kg
- Water pressure	min. 0.05 MPa (0.5 bar) max. 10 MPa (1 bar)
- Dimensions H x W x D	850 / 595 / 470 [mm]
- Weight	63 kg
- Fulfils the requirements of the EU regulations: Standard: EN 60456.	

Test programme for the label acc. to: EN 60456 for standard cotton wash programmes:

- Cotton at 60°C with full load
- Cotton at 60°C with partial load
- Cotton at 40°C with partial load

- The average annual water consumption is **10780** l/year.
- The average weighted power consumption is **196** kWh/year.

# PRODUCT DATA SHEET

(In accordance with the Commission Delegated Regulation (EU) no. 1061/2010 of 28 September 2010 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of household washing machines and the Commission Regulation (EU) no. 1015/2010 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for household washing machines).

Name or trademark of the supplier	Hansa
Name of the model	WHC 1453 SC (AWC814SS)
Rated capacity	8.0 kg
Energy efficiency class <sup>1)2)</sup>	A+++
Weighted annual energy consumption $AE_C$ <sup>3)</sup>	196 kWh/year
Energy consumption per cycle in standard cotton wash programme:	
- at 60°C with full load $E_{t,60}$	0.97 kWh
- at 60°C with partial load $E_{t,60/2}$	0.98 kWh
- at 40°C with partial load $E_{t,40/2}$	0.61 kWh
Power consumption in off-mode $P_o$	0.5 W
Power consumption in left-on-mode $P_l$	1 W
Weighted annual water consumption $AW_C$ <sup>4)</sup>	10780 l/year
Water consumption per cycle for standard cotton programme:	
- at 60°C with full load $W_{t,60}$	54 l
- at 60°C with partial load $W_{t,60/2}$	45 l
- at 40°C with partial load $W_{t,40/2}$	45 l
Spin drying efficiency class <sup>2)</sup>	B
Water remaining after spin D	53 %
Maximum spin speed <sup>2)</sup>	1400 rotations / minute
Duration of the "standard wash programme for cotton at 60°C" with full load	179 min.
Duration of the "standard wash programme for cotton at 60°C" with partial load	179 min.
Duration of the "standard wash programme for cotton at 40°C" with partial load	174 min.
Airborne acoustical noise:	
- Washing	59 dB(A) re 1 pW
- Spinning	78 dB(A) re 1 pW
Is the household washing machine a built-in device?	No

<sup>1)</sup> Energy efficiency class from A+++ (more efficient) to D (less efficient)

<sup>2)</sup> For standard cotton wash programmes at 60°C and 40°C with full and partial load.

<sup>3)</sup> Estimated weighted annual energy consumption based on 220 standard cycles for cotton wash programmes at 60°C and 40°C with full and partial load and consumption with low energy consumption. The actual energy consumption depends on how the appliance is operated.

<sup>4)</sup> Estimated weighted annual water consumption based on 220 standard cycles for cotton wash programmes at 60°C and 40°C with full and partial load. The actual water consumption depends on how the appliance is operated.

---