# Operation manual of full-automatic washing machine

# **SHARP**

SHARP CORPORATION OSAKA, JAPAN

# **SHARP**

# ES-W95TWXT ES-W85TWXT

# Operation manual

Thank you for purchasing our product.

Please read this manual carefully before use. Please read "Safety precautions" carefully before use.

Please keep this manual in a safe place. Our product is intended to be used in household and similar applications such as:

- staff kitchen areas in shops, offices and other working environment;
- farm houses;
- by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- areas for communal use in blocks of flats or in launderettes.

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# **Safety precautions**

# **WARNING**

 Do not allow children to play with or look around the wash-spin dry tub. It is very dangerous.



 Clothing stained with flammable or explosive substances such as gasoline, kerosene and so on, must not be put into the wash-spin dry tub.

Do not use power supply

damage and fire.

so as to avoid malfunction.





other than AC220-240V, 50Hz,



 Except service staff, do not modify the machine. Please do not disassemble and repair the machine without permission, so as to avoid fire, DISASSEMBLE electric shock, getting hurt or malfunctions of the machine.



Do not place the machine at high-humidity places such as bathroom, locations where wind and rain may get in, and so on. Otherwise, electric shock,

fire, malfunctions and

distortion may occur.



 Use plug socket above 13A separately. A loose plug socket or the action of sharing a plug socket with other equipments may start a fire due to heat.



When cleaning the machine body, the plug should be pulled out first. Do not plug or pull the plug with wet hand or wet cloth, so as to avoid electric shock.



 Never put your hand inside the tub while it is still moving. Even if the tub is moving at low speed, your hand may get wrapped up and get injured. Wait until the machine completely stops. Special attention should be given to children.



**FORBIDDEN** 

TO TOUCH

 Do not change the original state of power cable. Any visible damage to the power cable could cause electric shock, electric leakage or other malfunctions.



 Do not use damaged power cable, plug or loose plug socket, so as to avoid short circuit, electric shock, fire and other accidents.



Do not use water to wash components of the machine, so as to avoid short circuit and electric shock.



WASH THE WATER

Do not approach any fire source to plastic components, which has the risk of starting a fire.



Clean the dust on the plug and plug socket to avoid fire.

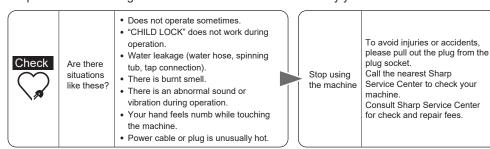


This machine is not intended for use by persons (Including children) with reduced physical, FORBIDDEN sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the machine by a person responsible for their safety. Children should be supervised to ensure that they do not play with the machine.

# Common non-fault phenomenon

	Phenomenon		Not a fault
	There is a noise on the radio or television, and the image is unclear.	Ç	Keep the washing machine away from radio and television as far as possible.
	After washing is finished, there are white lines around the washing / spin drying tub.		The white powdery material is the result of the combination of ingredients in detergent and ingredients in water. (Wipe away with cloth.)  Please note that it will stick on where it is left.  Using liquid detergent or injecting water and rinsing twice can prevent this phenomenon.
Others	Not working. Light cannot be on.	ļ	Is the power cord properly plugged in?  Is the power supply interrupted or is the main switch in your house turned off?
	There is abnormal sound.		Is the washing machine inclined or is it unstable? Does the clothing deviate to one side during spin drying? Are there hair clips or other foreign metal objects mixed in the clothing?
	No water supply.	ζ	There is no water supply if the top lid is open. Please close the top lid properly.
	Tap leaks.	Ç	Are the screws or the installation position of the water nozzle connection loose?  Is the water nozzle connection inclined or wobbly?
	There is little water regarding the amount of washing clothing.	[	To adjust water level, press the WATER LEVEL key.

Inspection of a washing machine that have been used for many years.



# Common non-fault phenomenon

F	Phenomenon	Not a fault							
Water inlet	Sound in water hose and water inlet valve.	The pressure of tap water is relatively high. Adjust amount of water.							
	When washing or rinsing is finished, the pulsator will rotate slightly.	To reduce vibration caused by offset of clothing during spin.							
	During the washing process, the pulsator rotates intermittently.	In the soaking and washing in soak course, the pulsator rotates once every 8 seconds, so that the detergent can permeate into the clothing sufficiently							
Washing Rinsing	The detergent remains undissolved in the detergent case.	If tap water pressure is low, detergent tends to remain, so please dissolve it in water beforehand and put it directly into the tub.							
	Can not rinse thoroughly.	In the "NORMAL" course the rinse is "ECO SHOWER RINSE", so if the tap water pressure is low, the ability may decline. If you are concerned, you can change to Normal Rinse by "MANUAL OPERATION" (p.10) and you can rinse thoroughly.							
	When spinning starts, low- speed rotation will happen for a while. (Not rotating at high speed immediately)	This action is done to adjust the balance and to dry clothing sufficiently.							
	When spinning starts, the machine gives off sounds like "Patsa Patsa".	During spin drying, water hits the tub side, which is not abnormal.							
Spinning	During spinning process, the program starts supplying water and rinsing. (Spin light indicator blinks quickly.)	During the rotation in spin drying, unbalanced load is detected and corrected automatically.  (If the offset phenomenon cannot be changed by auto-correction, the operation will stop immediately.)							
	The clothing is spin dried but not wringed dry.	The spin drying ratio of an automatic washing machine is a little lower than that of a twin tub washing machine. In case the spin drying of large clothing such as towels, blankets etc. is uneven, spin drying it again.							
	Operating parts are heated.	It is caused by the heat radiation of electrical components.							
Others	Indoor lighting darkens temporary.	The voltage of plug socket in your house drops temporary when the motor starts up. (Please use an exclusive plug socket.)							
	There is a sound of water when tub body is rotated.	To keep balance during spinning, there is liquid in the balance ring.							

# **M** WARNING

 Do not wash water-resistant items. Do not wash sleeping bags, shower curtains, raincoats, rain ponchos, FORBIDDEN CAUTION rain covers, ski jackets, ski pants, automobile covers and other water -resistant items, so as to avoid abnormal vibration and other unexpected accidents /malfunction.



During spin drying, the washing tub is rotating at high speed. Because water in water-resistant clothing could not be discharged instantaneously, the machine will be out of balance, causing abnormal vibration and other unexpected accidents /malfunction.

 Do not wash objects other than clothing to avoid abnormal vibration which causes damage to machine.



 When the machine is operating, do not touch the bottom with hand or foot, where there is a rotating mechanism, so as to avoid getting hurt.



The temperature of water must not exceed  $50\,^\circ\!\!\mathrm{C}$  , so as to avoid accidents of electric leakage and electric shock due to distortion or damage of plastic.



Before using, check the bottom of the product, make sure there is no packaging material left. Do not put heavy objects

> on the machine. It may cause



 When pulling out or plugging the plug, do not touch the metal part of the plug to avoid electric shock or short circuit.

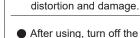
After using the washing machine,

leakage, electric shock or fire

pull out the plug to avoid electric

due to loose connection of plug.







After using, turn off the faucet to avoid water leakage.



The base opening must not be obstructed by a carpet when installing the washing machine on the carpeted floor.



The Power code of your Washing Machine is equipped with an Earthed plug. This plug should always be inserted to an earthed socket.



 Before using, check carefully if the connection of water inlet hose and drain hose is reliable. to avoid water leakage.



PULL OUT

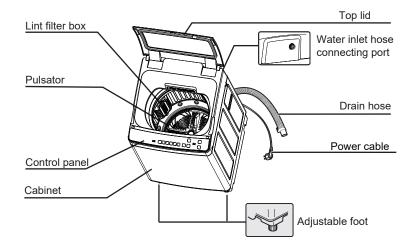
THE PLUG

#### CAUTION

- To avoid accident /injury, if the power cord is damaged, it must only be replaced by an authorized service staff or contact the nearest Sharp Service Center for assistance.
- If powder detergent or liquid detergent spill over the top lid, or other plastic components, wipe it away immediately, otherwise it may damage them.
- Each time washing is finished, clean lint filter box. Otherwise it may not be effective in filtering lint.
- The new hose-sets supplied with the appliances are to be used and that old hose-sets should not be reused.

# Parts of the washing machine

# Machine body



# List of accessories

Name	Quantity
Water inlet hose assembly	1 set
Drain hose	1
Screw *	1
Bottom cover *	1
Operation manual	1
Installation manual	1
Warranty card	1

#### NOTE

- \* Bottom cover and Screw are applied by service staff.
- Keep the Operation manual and installation manual for future reference.

# Common non-fault phenomenon (Please refer to this section if there is an abnormality happens.)

# Abnormal display

Caution: It generates a beep when washing machine indicates abnormal display.

As the phenomenon may not be a fault,
please check it again before sending the machine for repair. In the case
of failure, please consult Sharp Service Center. Be sure not to disassemble and
repair the machine without permission.

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Display	Possible non-fault cause	Solution
E1	<ul> <li>The faucet is closed.</li> <li>Low flow at the faucet.</li> <li>Water inlet filter net is blocked.</li> <li>* When water is not supplied enough to operate the machine, this error code will be displayed only after six hours.</li> </ul>	<ul> <li>Turn the faucet on, press START/ PAUSE key.</li> <li>Increase water supply, press START/ PAUSE key.</li> <li>Clean the filter net, press START/ PAUSE key.</li> </ul>
E2	<ul> <li>Top lid is opened when the reservation course starts.</li> <li>Top lid is not closed during spin drying.</li> </ul>	Close top lid.
E3	<ul> <li>The drain position is relatively high.</li> <li>The end of drain hose is blocked.</li> <li>Drain hose is folded/crumpled/tied.</li> </ul>	<ul> <li>Adjust drain hose properly, press START/PAUSE key.</li> <li>Clean drain hose, press START/ PAUSE key.</li> </ul>
E4	<ul><li>Washing machine inclines or is shaky.</li><li>The clothing is lopsided.</li></ul>	<ul><li>Level the washing machine by adjusting the foot.(p.18)</li><li>Distribute the clothing evenly.</li></ul>
C*  *:number	There is a possibility of malfunction.	•Turn off the power and pull out Power cable. After wait 1 minute, turn on and operate.
U9	•Top lid is opened during CHILD LOCK.	•Turn the power off, and check inside the tub  Caution  CHILD LOCK is not released, unless you reset it manually.
<b>E</b> 19	Cannot spin drying.	<ul> <li>Adjust drain hose properly.(p.6)</li> <li>Wait for 10 minutes, and press START/PAUSE key.</li> </ul>

1/

# **Maintenance**

### **TUB CLEAN**

In the case of cleaning the washing / spin drying tub

Caution

• Do not put clothing in the tub in this course.

Put the washing machine cleaner for cleaning the tub.





Press Power ON/OFF key with the top lid closed.

COURSE

Press COURSE key, and select TUB CLEAN course.





Press WASH key, and select the washing time. Press WATER LEVEL key, and select the water level as necessary.



Press START/PAUSE key.

The washing machine starts to supply water, and displays remaining operation time.

# **Specifications**

Model	ES-W95TWXT	ES-W85TWXT
Voltage/Frequency (V/Hz)	220-240 V~ / 50 Hz	
Standard washing/ spin drying capacity	9.5 kg	8.5 kg
Standard water consumption	127 L	125 L
Standard water level	65 L	62 L
Washing / Spin Drying Rated Power Input	200 W / 130 W	190 W / 130 W
Washing type	Swirl type	
Water pressure	0.03 ~ 0.8 MPa	
Weight	31 kg	
Dimensions (W×D×H(mm))	530 × 585 × 986	530 × 585 × 956

# Installation

See Installation manual for detail.

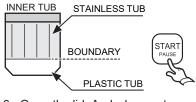
#### The way to check whether the product is installed correctly



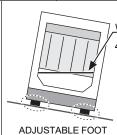
- 1. Turn on the power, select SPIN, and press the START key.
- → Please wait until spin finishes. \*Don't put clothing.



2. Turn on the power, and press the START key.



3. Open the lid. And when water accumulates to the "BOUNDARY" level, press the START key and stop supplying water.



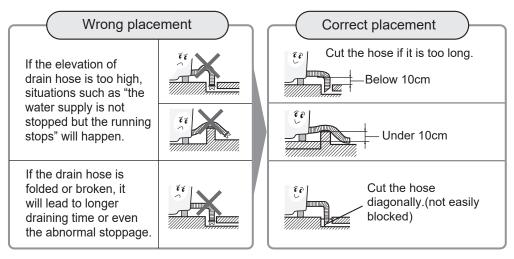
WATER SURFACE

4. If the appliance is inclined, the water surface does not coincide with the perimeter of the boundary part. Use the ADJUSTABLE FOOT to level the machine.

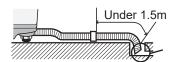
# Installation

See Installation manual for detail.

#### Drain hose



- If a floor drain is used, the height from the ground should not be under 10 cm.
- If the drain hose is too high, the water supply will not stop. This time, you should adjust the drain hose so that the clearance to the floor is below 10cm, The water will drain out, and then start again.
- Plug the drain hose into the drain port tightly. If the drain hose drops, water will flow to the ground and damage the floor.
- Please do not plug the drain hose to the inside or bottom of washing machine. Change the direction of drain hose
- When the draining hose is not long enough, please use extension hose. The length of used extension hose should not exceed 1.5m. (The inner diameter of draining hose is about 3.8cm).

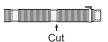


Cut the hose diagonally.

(not easily blocked)

Cut the hose diagonally. (not easily blocked)

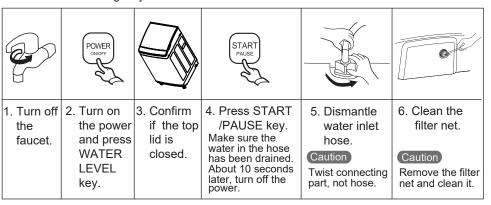
• If the hose is too long, it can be cut off at the narrow part shown in the figure.



# **Maintenance**

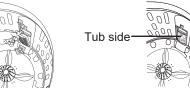
## Water inlet hose connecting port

The filter net is very easily blocked when it is used for a long period. Clean it in the following way.

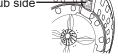


### Lint filter box

#### Clean it every time after using



1. Detach lint filter box from washing tub.



2. Clean lint filter box and the tub side.



3. Attach lint filter box on washing tub to a down--ward direction.

# Washing / Spin Drying tub

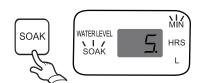
- 1. Every time after washing, turn off the faucet and power. (If necessary, dismantle water inlet hose.)
- 2. Wipe the water in the tub after washing as soon as possible. Use clean soft cloth.
- 3. Be sure to pull out the plug from the plug socket during maintenance.
- 4. Hanging power cord and drain hose is desirable.
- 5. Open top lid for about 1 hour after cleaning the tub.
- 6. Do not use solvents such as alcohol, cleanser and so on, because they may cause damage to the surface of the tub.

# Additional operating procedure

# SOAK



1. Press POWER ON/OFF key.



2. Press SOAK key, and set the soaking time as desired.

Display represents soaking time (11 steps):  $5 min \rightarrow 10 min \rightarrow 20 min \rightarrow 40 min \rightarrow 60 min \rightarrow 2 hrs \rightarrow 3 hrs \rightarrow 4 hrs \rightarrow 8 hrs \rightarrow 12 hrs \rightarrow 24 hrs$ 



Press START/PAUSE key.

4. The machine generates a beep and turns off when it finishes the course.

#### **CHILD LOCK**

In this function, the error tone can be heard if top lid is opened after water supply starts. If top lid is opened for 30 seconds, the error tone can be heard again and the water is automatically drained.

It is only possible to operate POWER key in this mode.

To release the lock, hold down COURSE key for 3 seconds again.



 Press POWER ON/OFF key.



CHILD III

2. Select the course and hold down course key for 3 seconds. (The LED indicator is lit up on right of main display.)



3. Press START/PAUSE key.

4. After generating a beep, the machine is locked.

#### **AUTO CLEAN**



When the power supply is "ON" status, hold down "WATER LEVEL" key for 3 seconds.

After generating a beep, LED indicator is lit up on left of main display, and cleaning the washing / spin drying tub and the back side of pulsator.

(This course adds a cleaning process at the final spinning, and prevents secondary contamination in the tub.)

# **Key points in washing clothes**

Pay extra attention to the following situations

- Before washing, please remove mud and sand on clothing first
- For very dirty parts of the clothing, smearing some liquid detergent and rubbing them in advance may help.
- For clothing that are easy to be torn, turn it inside out first and then wash them.
- Clothing which is heavy (Jeans, Big size clothing)
  and easy to float (Socks, Handkerchieves, Fleece, Jackets)
  should be put into the washing machine first
  for an effective rotation of the clothes inside the appliance.

# To avoid damage to tub and pulsator...

- Take coin, hair clip, curtain hook out of pockets.
- Turn clothes with zipper and metalic buttons inside out
- Put bra etc. in washing mesh bag.

# To avoid damage to clothing, winding of clothing...

- Belts on apron and so on must be knotted; zippers must be zipped.
- Thin or easily damaged clothing must be washed in washing mesh bag.
- Clothing with metal decorations must be washed in washing mesh bag.

#### For better washing...

- · Please check the washing mark.
- Wash clothing separately that are easy to fade.
- For towels and other clothing which easily produce lint, wash them separately or use washing mesh bag.

#### To protect the environment

- ...To avoid wasting water, detergent and electricity.
- When washing, wash clothes together.
- Put in proper amount of detergent as needed.
- Reuse wash water.

While using washing mesh bag, put in as little clothing as possible. Too much clothing will decrease the performance during rinsing and spin drying or cause the offset of clothing during spin drying.

# Instruction on control panel functions

#### Control panel / Display < ES-W95TWXT > NORMAL AROMA **JEANS** ECO DELICATE BLANKET BABYCARE TUB CLEAN COURSE POWER TIME LEFT ADD RESERVE 88 WATER LEVEL WATER QUICK START SPIN WASH RINSE AIR DRY LEVEL SOAK WASH 8 6 9 4 2 < ES-W85TWXT > **JEANS** ECO BLANKET BABYCARE TUB CLEAN NORMAL AROMA DELICATE COURSE TIME LEFT POWER RESERVE AUTO BB. CHILD WATER QUICK START SOAK WASH IRINSE SPIN AIR DRY RESERVE LEVEL WASH PAUSE 6 8 9 4 2 : Plug the machine in and then press this key, the machine will **POWER** turn on. Press this key again, it will turn off. 1 **POWER** If the machine is energized but not started, the power supply will turn Caution off automatically 5 min later. START/PAUSE: Press this key after turning on, selected course is started. START 2 Press this key again, the operation is paused. Press it once again, the operation will resume. COURSE : Press this key to select course. The icon under the course 3 COURSE name turns on when the course is selected. CHILD LOCK QUICK WASH: Course for quickly washing daily clothing. QUICK Loading amount should be 3kg or under. 4 WASH The LED indicator turns on when this key is pressed. : Select WASH as necessary. WASH WASH Select the washing time: 3 min - 15 min. : Select RINSE as necessary. RINSE RINSE 5 Select the rinsing time: 1 time - 3 times. SPIN SPIN : Select SPIN as necessary. Select the spinning time: 1 min – 9 min. : Course for reducing the time to dry. Loading amount should be AIR DRY AIR DRY 6

AIR DRY course greatly reduces the time to dry in the shade. Select the time: [ - ](= 0 min), 30 min, 60 min, 90 min.

# Additional operating procedure

# ADD LAUNDRY (ES-W95TWXT model only)



1. Open the top lid, and add laundry. To avoid washing performance from decreasing, add small items only.



2. Close the top lid, and press ADD LAUNDRY key.

3. Every time ADD LAUNDRY key is pressed, washing time is extended by 1minute, and additional water is supplied accordingly.

#### Caution

You can press ADD LAUNDRY key until the washing time reaches its maximum of 15min, or the total times of pressing reaches 4times.

# **RESERVE**



1. Press **POWER** ON/OFF key.



2. Press COURSE key, and select the course.



3. Press RESERVE key, and set the time as desired.



Display represents reservation

time:  $1hr \rightarrow 24hrs$ .

START/ PAUSE key.

START

- 5. Use the amount of detergent recommended by the detergent manufacturer.
- 7. The machine generates a beep and turns off when it finishes the course. To change the settings: Turn off the power and start again from the beginning.
- \*To check the settings: Press any key.

# Manual washing course

# Only spinning etc.

Ex. Only rinsing and spinning

POWER

Put the clothing in the tub, and press POWER ON/OFF key.

• Select the course as necessary.

WATER





Select the necessary processes.

• Before starting of rinsing, please select WATER LEVEL.

#### In the cases below

- Operate only spinning

• Put in detergent as required, and close the top lid properly.



Press START/PAUSE key.

# Control panel / Display

7	WATER	WATER LEVEL: Select the appropriate water level depending on course or kinds of clothing as necessary. (Select from 8 levels)	
8	SOAK	SOAK : This function can be added to every course except for TUB CLEAN course.  When SOAK course is selected, the LED indicator is turned on. During soaking, the water in the tub is stirred intermittently. Select the soaking time: 5 min – 24 hrs.	
9	RESERVE	RESERVE : Reserves the time as desired. Select the time: 1 hr – 24 hrs. (p.13)	
10	ADD	ADD LAUNDRY : Press this key to add laundry after course is started.  Adding laundry is acceptable when a beep is generated by pressing ADD LAUNDRY key.(p.13)	
	Additional function	CHILD LOCK: This function is to prevent children and infants from drowning. (p.14)  AUTO CLEAN: Removes the dirt in the washing / spin drying tub and the back side of pulsator with clean water at the final spining. (p.14)	
● AUTO □□□□ CHE ● HRS MIN		MAIN DISPLAY: This display shows remaining operation time, reserved time (p.13), and error codes (p.17), when each function is selected or problems occur.	
		SUB DISPLAY: This display shows water level, and soaking time(p.14)	

when each function is selected.

#### < Instruction of course >

· modudoti	ction of course -			
	NORMAL : Wash normally soiled everyday clothing.			
*	AROMA : Wash clothing effectively to last softener scent.  The clothing will be soaked in water with softener.			
$\bowtie$	JEANS : Wash sturdy and heavily soiled clothing.			
*	*ECO : Water is saved by 1 time static shower rinse.			
Q	DELICATE: Wash gently delicate, or hand-wash fabric. Loading amount should be 3kg or less.			
Ø	BLANKET : Wash strongly for blankets or heavy clothing.			
<b>\pi</b>	BABYCARE: Wash gently and rinse thoroughly for baby clothing.			
*	TUB CLEAN : Clean washing / spin drying tub. Select the washing time: 2 hrs, 6 hrs, 9 hrs.			

 The nominated program \*ECO is recommended for normally soiled load equal to the rated capacity in the product. < To keep the tub hygiene - AUTO CLEAN and TUB CLEAN >

	Purpose	Washing Machine Cleaner	Contents
AUTO CLEAN	Daily Care		Rinsing the tub pulsator at the final spinning process of selected course
TUB CLEAN	Maintenance	Necessary	Washing the tub for 2/6/9 hours (Including Soaking process)

# Things to know before washing

- Select the course depending on the type of clothing or soiled level on clothing.
- Once you press START/PAUSE key, you cannot change the course. When you
  want to change the course, turn off the power and select the desired course again.
- LED indicator blinks when in operation, and lights when the course is selected.
- The machine generates a beep and turns off when it finishes the course.
   The beep sound setting can be turned off by pressing COURSE key and AIR DRY key simultaneously after the operation starts.
- When the motor gets hot beyond a safe limit, it fail-safes on itself, and can't work enough.
   Do not operate the machines many times in a row.
- In BLANKET course, fold the blanket as below.



• In BLANKET course, keep the blanket below the line .



#### **ECO SHOWER RINSE**

The program in the "NORMAL" course is the "ECO SHOWER RINSE". It can rinse by supplying water while rotating the tub, so it is possible to reduce the amount of water used.



\*When water pressure is less than 4L /min , ECO SHOWER RINSE is replaced with Normal RINSE. To check whether Normal RINSE is set, press QUICK WASH key for 3 seconds. In case Normal RINSE is set, RINSE LED indicator blinks rapidly.

# **Instruction on washing courses**

#### Auto courses



1. Press POWER ON/OFF key.



2. Select a washing course.



3. Press START/PAUSE key.

This washing machine selects the appropriate water level and the operation time automatically with the sensing function. In the case of operating the automatic sensing function, there should be no water left in the tub. The automatic sensing function does not work when you select the water level manually, or when you select the following courses: HIJAB, BLANKET, TUB CLEAN

#### **QUICK WASH**



1. Press POWER ON/OFF key.



2. Press QUICK WASH key.



3. Press START/PAUSE key.

\*This course's recommended laundry amount is 3kg or under.

#### **AIR DRY**



 Press POWER ON/OFF key.



Press AIR DRY key, and the light turns on.

Pissley represents drying time:

Display represents drying time: 30min  $\rightarrow$  60min  $\rightarrow$  90min  $\rightarrow$  0



3. Press START/PAUSE key.

\*This course's recommended laundry amount is 4kg or under.