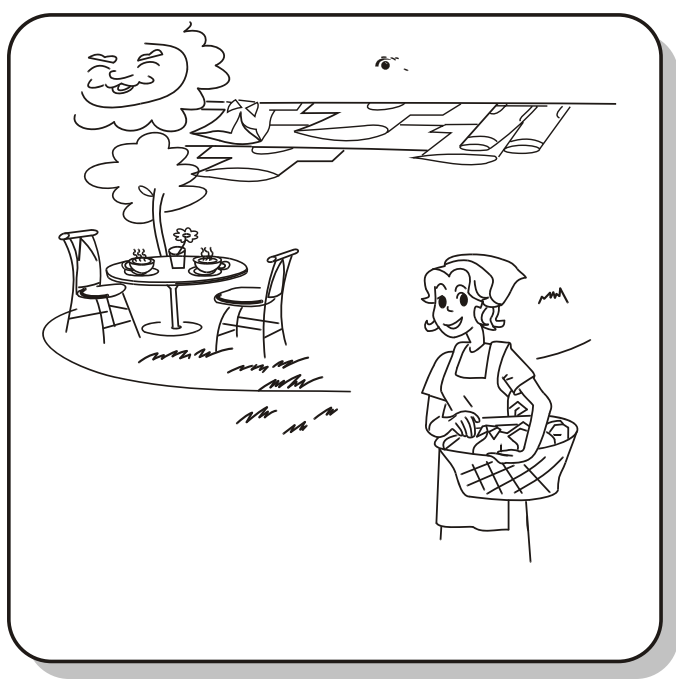


XPB90-99VGS

Twin-tub Washing Machine With Pump



Please read this manual carefully before using.

- Retain it for reference
- please check if the power receptacle is earthed reliably before usage to guarantee your safety
- The manufacturer is not responsible for any risks occurred owing to disobey these stipulations.

Contents	
Before using	
Names of the parts.....the 2 nd cover	
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Circuit diagramthe back cover	

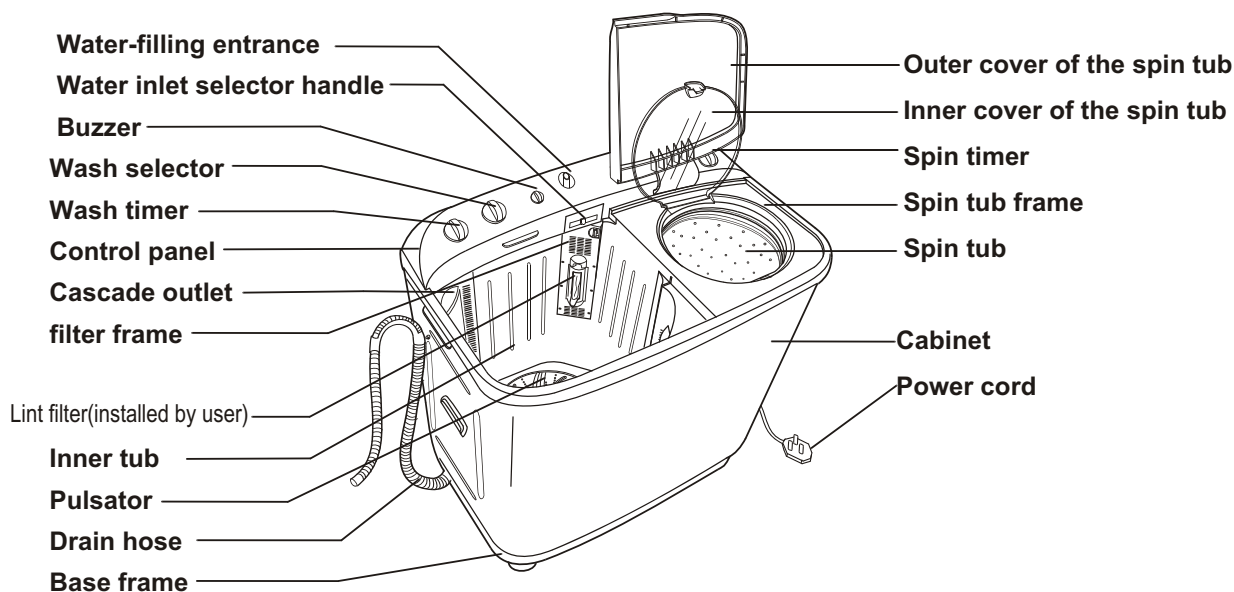
Names of the parts

Before Using

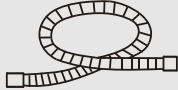


Honourable users,

Thank you for choosing our products.



Our products integrate high-tech, precision, frontier science. To facilitate using it, please read this manual carefully and operate this machine according to it.



Accessories

	<p>Water inlet hose (one piece)</p>
	<p>Gland (one piece)</p>
	<p>Lint filter (one piece)</p>

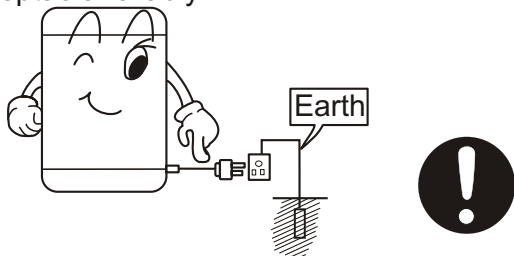
Meaning and description of the symbols

<p>Warning sign</p> 	<p>Contents marked with that symbol are related to the safety of the product and the personal safety of the users. Please operate in strict conformity to the contents, otherwise it may cause damage of the machine or injure the personal safety of the user.</p>
<p>Forbidding sign</p> 	<p>Contents marked with that symbol are actions forbidden to perform. Performing of those actions may result in damage of the machine or injure the personal safety of the user.</p>

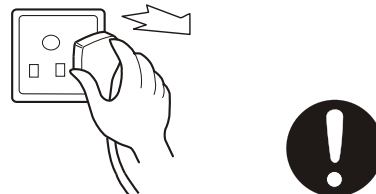
Safety precautions

Before Using

Be sure to use three-phase receptacle. Earth the earthing terminal of the receptacle reliably.



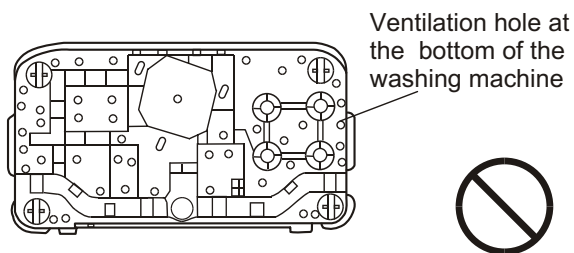
Be sure to pull the plug off when there's power failure, or the machine is being moved, cleaned or when it is idle.



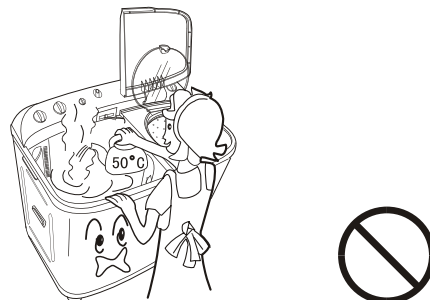
If the power cord is bad, to avoid risk it is required to replace it by the technicians of our special shop or the after-sale service department. Keep the pin of the power plug clean.



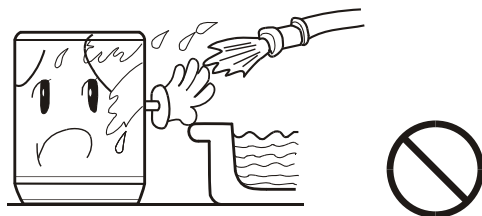
In case the washing machine is installed on ground with carpet, do not block the ventilation hole with carpet.



Do not use water hotter than 50°C .



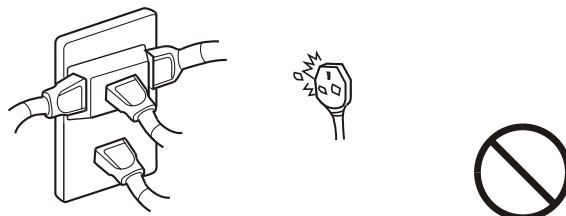
Do not put the machine at damp place like the bathroom . Never wash it with water.



Do not wash water-proof laundries such as the raincoat, bicycle shelter etc. To avoid abnormal vibration during spinning.



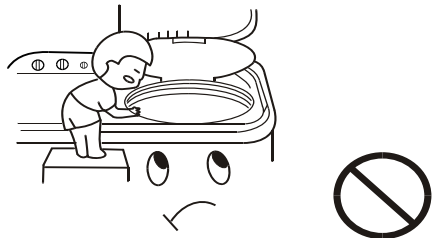
Do not share one receptacle with other electric appliances. Do not use it in case that the power plug is damaged or the inserting into the receptacle is loose.



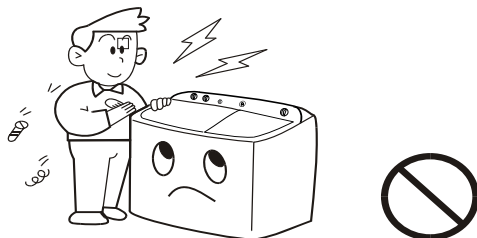
Safety precautions

Before Using

Do not stretch hands into the working machine. It is dangerous even if the rotation is slow. Take special care of the children.



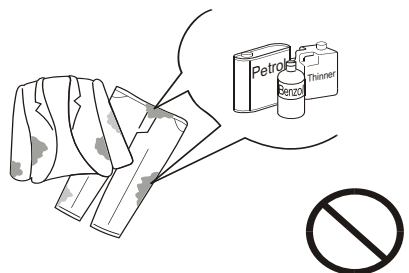
Do not decompose, repair or alter the machine by yourself.



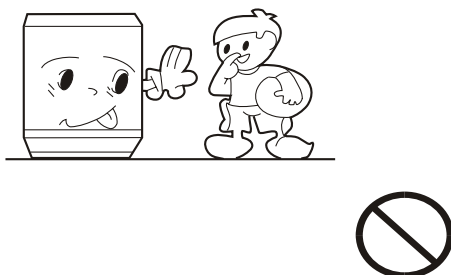
Do not put any hot or heavy items (such as the kettle with hot water) on the washing machine.



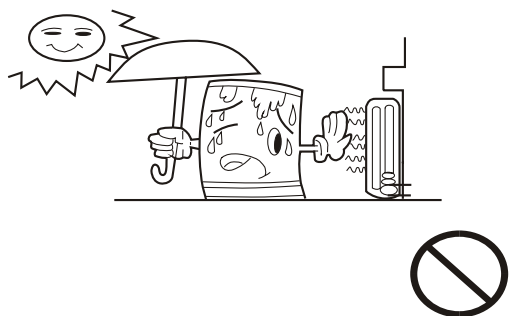
Do not wash laundries with volatile materials (such as thinner, petrol etc.).



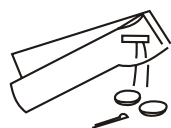
Handicapped or children without care shall not use the machine.



Keep the machine away from direct sunlight and heat source like the heater.



To prevent your laundries and washing machine from damage, be sure to take out of the foreign materials from your pocket, such as coins, buttons, sand or hair pins etc.



Before washing, please check if the water tap is open, and if the water inlet pipe is connected properly.

It is suggested to use low-foaming washing powder

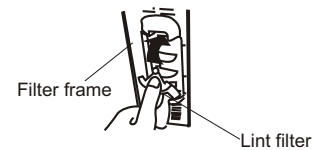
Installation and adjustment

Before Using

Please install and adjust the machine according to the requirement of the manual. It is very important to your security and correct operating the machine.

Install the lint filter

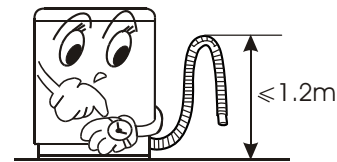
After opening the package, please take out the lint filter from the document bag and install it into the Filter frame of the inner tub. See to the right Figure.



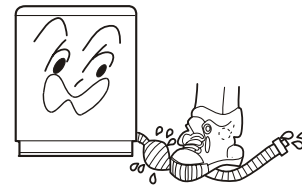
Usage of the drain hose

The drainage shall be smooth with the drain hose

1. Put the drain hose up to suitable position



2. Do not step on or press the drain hose



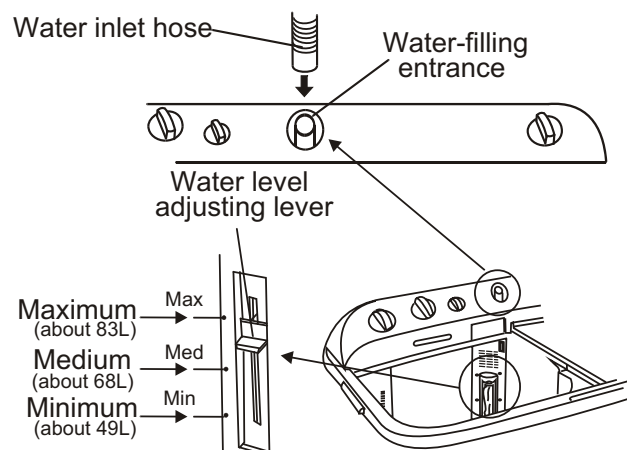
Install the water inlet hose; Select the water level

Insert the water inlet hose into the water-filling entrance on the control panel directly. (pull it out to dismantle it)

Select water level according to the quantity of the laundries.

Attention:

In water filling, do not exceed the "Max" water level. Otherwise the water may overflow out of the washing machine.



How to change the direction of the drain hose

- Figure 1 indicates the ex factory installation position of the drain hose.

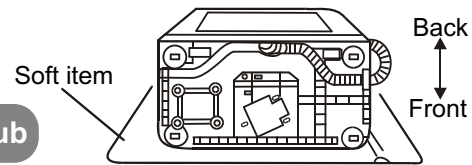


Figure 1

Extend the drain hose from the side of spin tub

- Put soft items on the ground. Lean the machine down gently with the front surface facing the ground. Take off the drain hose from the cabinet. Dismantle the drain hose fixing clamp and take the hose out of the fixing groove. (See to Figure 2).

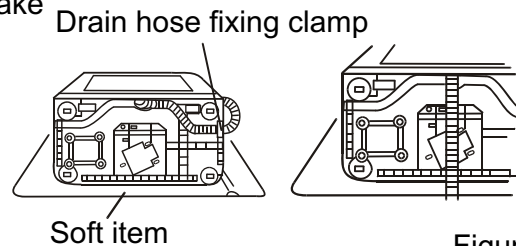


Figure 2

- Embed the drain hose into the groove along the side of the spin tub in the order of (1)~(3), heading for the side of the spin tub. (See to Figure 3).

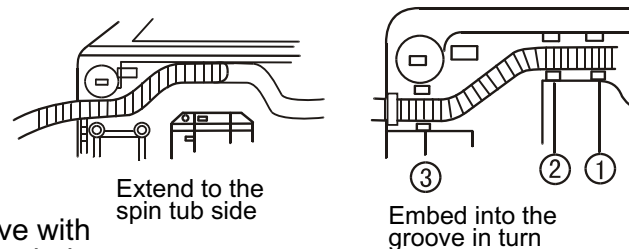


Figure 3

- Embed the drain hose into the groove with hands. Take care not to damage the drain hose in fastening the fixing clamp.

Extend the drain hose from the rear side

- Dismantle the drain hose fixing clamp. Take out the drain hose from the fixing groove. Extend it from the rear side as per the direction of the arrow. (When the drain hose is extended from the rear side, it can be hung on the point for drain hose at the two sides of the cabinet.) (See to Figure 4).

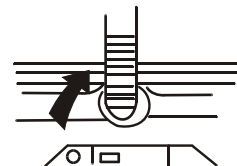


Figure 4

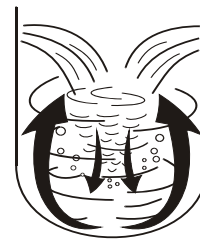
Introduction of the major function *Using process*

The machine has good comprehensive performance, and nice appearance.

For the design on mute ,It adopts complete enclosed base frame and low-noise motor, and thus reduces the working noise significantly. We can guarantee that the purchase of this machine will bring you a clean world without disturbing your quiet life.

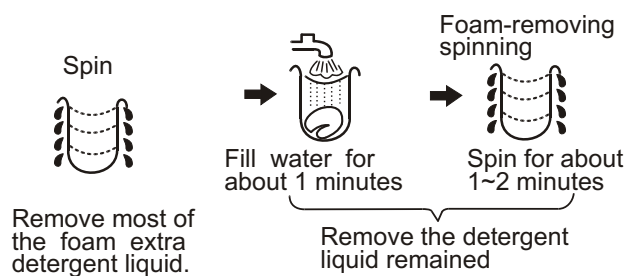
Cascade washing

The cascade washing it adopts can enhance the strength of the water current, and dissolve the detergent quickly and completely. At the same time it can produce flushing effect, and improve the washing effect.



Foam-removing spinning during high-efficiency rinsing

Use the foam-removing spinning to remove the extra detergent liquid. It can both shorten the washing time and save the water consumption.



The effect is best when the laundries quantity is below 80% of the rated value.

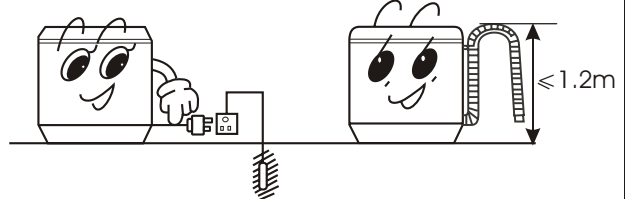
Preparation before washing

Using process







Preparation before washing

1. Connect the water inlet hose.
2. Confirm that the washing machine is earthed reliably. Then insert the power plug into the receptacle. Do not connect the earth terminal to the gas pipe and tap water pipe.
3. Put the drain hose up to the suitable position.



4. Slanting or uneven ground may result in unstable working or abnormal noise. Please make the machine stand horizontally.

Pay attention to followings before washing the laundries

<p>Confirm if there's special requirement for the laundries.</p>	<p>Clear the pocket. Take out the coins, sand, hairpins etc.</p> 	<p>Fasten the buttons and zippers.</p> 	<p>The quantity of the laundries shall not exceed the rated value. The big laundries like the jeans shall be put in loosely.</p> 	<p>When the pulsator is running, the buttons of the laundries may cause noise. For the sake of discretion, please put the laundries with buttons into other laundries.</p> 
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The musts in washing

Using process



- The capacity of washing and spinning of the machine refer to the largest weight of the standard laundries under dry condition that can be washed or spinned in one time. Laundries quantity in one washing cycle shall be lower than the rated capacity. The largest capacity of this machine is 9.0 kg.
- The thickness ,size , type of the cloth will influence the actual washing capacity. It is suitable to put in reasonable amount of laundries and the laundries can be turned round in washing for one time washing.
- Do not select " Max " water level for laundries less than 4.0kg, so as to avoid splashing of water.

Reference weight of the laundries

A central illustration of a washing machine with a smiling face, arms, and legs, standing on four legs. It is surrounded by various laundry items and their weights.

- Working suit (up,down) (cotton,about 1120g)
- Jeans (about 800g)
- Blending coat about 800g
- Jacket (cotton,about 800g)
- Single bed sheet (cotton,about 600g)
- Socking (blending,about 50g)
- Underpants (cotton,about 70g)
- Undershirt (cotton,about 180g)
- Shirt (cotton,about 300g)
- Pajamas (about 200g)
- Blanket (cotton,about 900g)

Usage of the detergent *Using process*

How to use the whitener

- Fill water to decided level. Dilute the whitener with container. Pour it slowly into the washing tub.
- Avoid using whitener on laundries with color or pattern as they are prone to lose color.
- The whitener shall not touch the laundries directly.
- Refer to the user's manual for the usage and quantity of the whitener.
- For powder whitener, please dissolve it before using.

How to use the washing powder

- | | |
|---|--|
| <ul style="list-style-type: none"> ● Direct dissolved in the machine: <ol style="list-style-type: none"> 1.Fill small quantity of water. 2.Add the powder . Run for 30 seconds to dissolve it completely. 3.Put it in the laundries. Select suitable water level. ● The instant dissolving of the washing powder: <ol style="list-style-type: none"> 1.Prepare warm water of 30°C and a container. 2.Add the powder while stirring to fully dissolve it. | <ul style="list-style-type: none"> ● The powder is more prone to pollute the laundries than the detergent. Therefore please use it with proper quantity. ● It is suggested not to use high sudsing detergent. ● Dosage of different washing powder is different. Please refer to the instruction of the washing powder for the detail dosage. |
|---|--|

Selection of the quantity of the washing powder

list 1

Laundries quantity	Water level (Water quantity)	Standard dosage	
		Concentrated washing powder	Common washing powder
6.4kg~9.0kg	Maximum (about83L)	About 75g	About 83g
4.0kg~6.4kg	Medium (about68L)	About 61g	About 68g
Below4.0kg	Minimum(about49L)	About 43g	About 49g

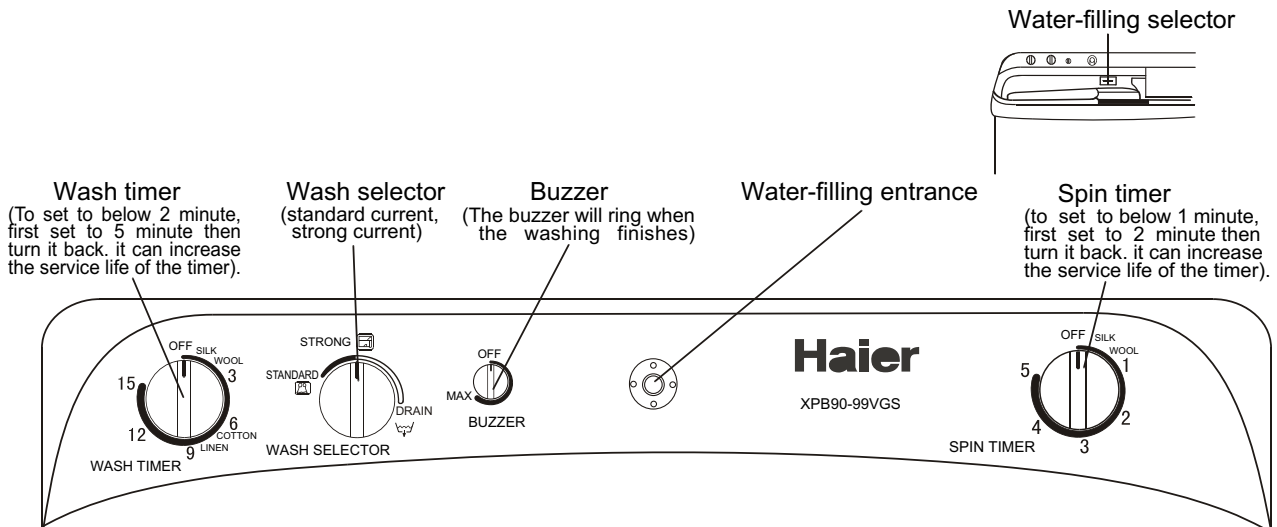
Selection of the current , water level and washing time

list 2

Laundries quantity	Current	Water level (Water quantity)	Laundries	Washing time (minutes)
4.8kg~9.0kg	Strong	Medium (about68L) ~ Maximum(about83L)	Knitwear	About3~6
			Cotton,blending,linen	About8~10
		Minimum(about49L) ~ Medium (about68L)	Very dirty and thick	About10~13
			Bed sheet	About7~13
Below4.8kg	Standard	Minimum(about49L) ~ Medium (about68L)	Silk(thin laundries)	About2~4
			Chemical fiber	About3~6
			Cotton,blending,linen	About8~10

Washing sequence

Using process



Wash

1. Water-filling selector

Set the water inlet selector at the "WASH" side. (Figure 1)

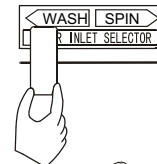


Figure 1

2. Fill the water and add the dissolved washing powder to make the water level reach the preset position. (Figure 2)
Run washing program for some time to stir and dissolve the powder completely.

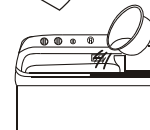


Figure 2



3. Put in the laundries. If the water quantity is insufficient, please add water.



4. Select the current.

Select the strength of the current according to the laundries. (Figure 3)

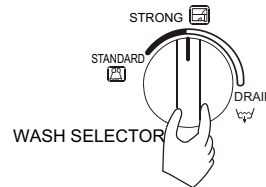


Figure 3

5. Select the washing time

Select the washing time according to the laundries. (Figure 4)

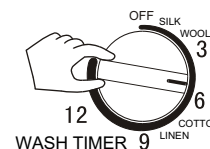


Figure 4

6. After washing, the buzzer will ring. Set the "WASH SELECTOR" at "DRAIN". (Figure 5)

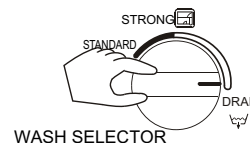


Figure 5

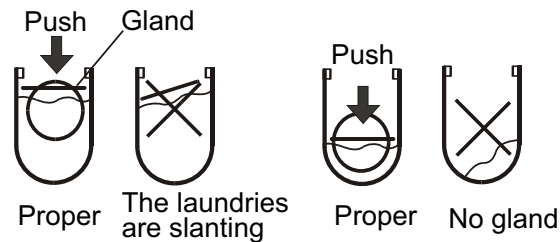
Midway spinning

1. Put the laundries into the spin tub evenly and smoothly.

2. Spin:

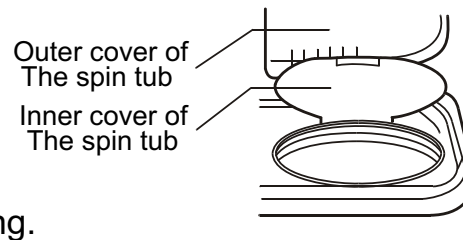
(1) Put the gland in properly.

- Please put in the gland properly even if the laundries quantity is small.



(2) Close the inner and outer cover of the spin tub.

(3) Spin for 1-2 minutes.



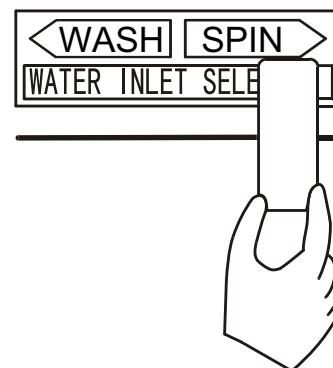
3. Run the foam-removing spinning.

(1) Open the outer cover of the spin tub.

(2) Set the water-filling selector control rod at the "SPIN" side. Fill water for about 1 minute.

- If the water quantity filled is too large, the water may flow out from the wash tub side. Please twist the water tap to limit the water filling.

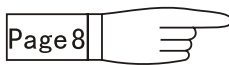
(3) Close the outer cover of the spin tub.
Spin for 1-2 minutes.



Rinsing

Rinse with stored water (Repeat the midway spinning and rinsing with stored water for 2-3 times)

1. Put the laundries into the wash tub. Select suitable current according to the laundries.

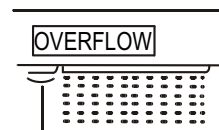


2. Fill water to preset water level.

3. Rinse

Adjust the wash timer to 2-3 minutes to do rinsing.

- When the laundries quantity is below 4.0 kg, please use "STANDARD" current. If you use "STRONG" current, it may splash.
- If the water flows out from the overflow holes, it means that water filling quantity is too much.



If the water flows out of the overflow holes, that is overflowing, please twist the water filling, to avoid influencing the life of the machine

Spinning

1. Put the laundries into the spin tub evenly and smoothly.
2. Press the gland in the tub properly. Close the inner and outer cover of the spin tub.
3. Spin
Select suitable spin time according to the laundries, and do spinning.

Selection of the spin time list 3

Laundries	Spin time (minutes)
Bed sheet or blanket	About 4~5
Underwear (knitwear)	About 2~4
Swear (chemical fiber)	About 1~2
Blending thin laundries	Within 1 minute

During spinning, if there's abnormal sound, it is generally owing to slanting placement of the laundries. Please stop the machine and re-order the laundries.

- In spinning, it will pause the work if you open the outer cover of the spin tub. Close it to resume the spinning.



To do spinning and draining together, please first do spinning for around 1 minute, then do draining. Otherwise the spinning will stop owing to too much water stored in the spin tub.

Disposal after washing

Using process

- After using, please clean the lint and foreign materials of the lint filter and lint frame in time. Otherwise it may influence your using the machine.
- Please first pull off the power plug from the receptacle before cleaning.

Cleaning the lint filter

- The lint filter must be used during washing.
- It must be cleaned in time after each using.

1. Take off the lint filter
Put hand at the indicated position.
Push down to take it off. (See to Figure 1)



Figure 1

2. Clean the lint
Put it in water and clean while it is still wet.(See to Figure 2)

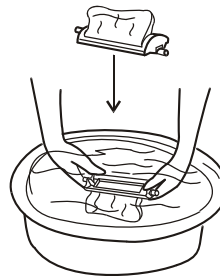


Figure 2

3. Install the lint filter
After cleaning, insert the bottom of the lint filter (marked with "down side") into the filter frame , then push the upper part of the filter in (marked with "up side ").
(See to Figure 3)

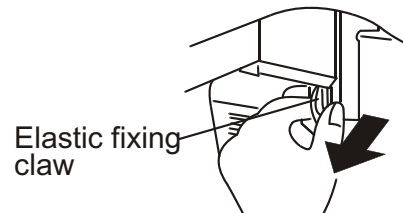


Figure 3

Cleaning the filter frame

- Too much lint on the filter frame will influence the normal usage of the machine. Please clean it every two months.

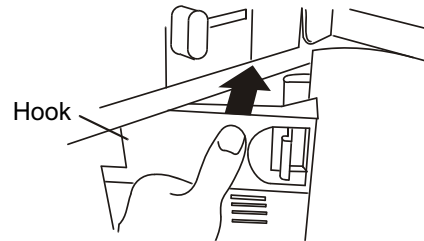
1. Take off the filter frame.
As indicated in the figure, nip the elastic fixing claw and pull it to the direction of the arrow to take it off.



Cleaning the filter frame

2. Cleaning the filter frame
Clean the lint around the frame and flush with tap water.

3. Install the filter frame.
 - (1).Insert the mounting plate at the bottom of the frame into the valve cover.
 - (2).Hang up the hook at the left upper side.
 - (3).Push the upper part in as indicated in Figure 2.



Disposal of the complete unit

- Wipe the complete unit with soft cloth twisted dry.
- Wipe with neutral detergent if too dirty
- Do not wash it directly by water



- After washing, dismantle the water inlet hose.
- Do not store water in the tub for long period. Discharge the water immediately after each using.
- Pull off the power plug and hang up the power cord.
- Hang up the drain hose.
- Wipe off the water drops on the surface and inside the tub with clean soft cloth. Open the cover of the wash tub and the inner/outer cover of the spin tub for some time (about one hour), then close them.

Trouble-shooting Answer to question

(If there's breakdown, please pull off the power plug before checking) The following phenomena are not breakdowns sometimes. Please confirm again before sending it to repair. If there are real breakdowns, please come to the special maintenance department or after-sale service department of our company. Do not repair it by yourself.

Phenomena	The reason
The machine does not act.	<ul style="list-style-type: none"> ● Is there power failure? ● Is the power plug loose? ● Is the pulsator twisted by foreign materials?
The draining does not work	<ul style="list-style-type: none"> ● Is the drain hose put down? ● Is the drain hose frozen? ● Is the drain hose blocked by foreign material?
There's abnormal sound during washing	<ul style="list-style-type: none"> ● Are there hair pin, coins or metal items brought inside the tub?
There's abnormal sound and violent vibration during spinning	<ul style="list-style-type: none"> ● Is the machine slanting? ● Is the gland pressed evenly? ● Are the laundries in spin tub too much?
There may be some water flowing out of the drain hose in the first use of the machine.	<ul style="list-style-type: none"> ● It is the water remained in the factory inspection of performance.
The pump is working, but no water to be drained out	<ul style="list-style-type: none"> ● Turn the wash selector to the other position except "DRAIN", the spinning timer does not work, and then return to the "DRAIN". The water will be drained out .

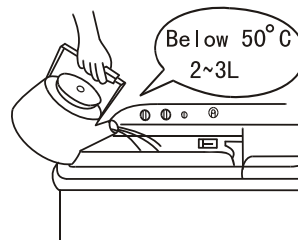
When the remained water is frozen

Prevent the freezing (be sure to discharge the water completely after using)

- After complete draining, set the "WASH SELECTOR" at "STRONG" or "STANDARD". If it is set at "DRAIN", it will be rather difficult for the frozen water to melt.

When the water is frozen

- Pour hot water below 50°C into the wash tub to soak it completely. Then turn the pulsator with hands gently. Please confirm the drainage can work normally before next using.



Packing list

● User's manual	● One
● Lint filter	● One
● Water inlet hose	● One
● Gland	● One
● Twin-tub washing machine	● One

Specification

Type	Twin-tub washing machine with pump
Model	XPB90-99VGS
Power source	Rated voltage 120V~,Rated frequency 60Hz
Water level / Water quantity (about)	Maximum/83L Medium/68L Minimum/49L
Rated washing capacity (kg)	9.0
Rated spinning capacity (kg)	7.8
Rated input power (W)	Wash 560 Spin 325
Dimension(mm)	L876 W500 H986
Wash pattern	New current + cascade
Weight (kg)	45
Injection pressure	0.02MPa~0.2MPa