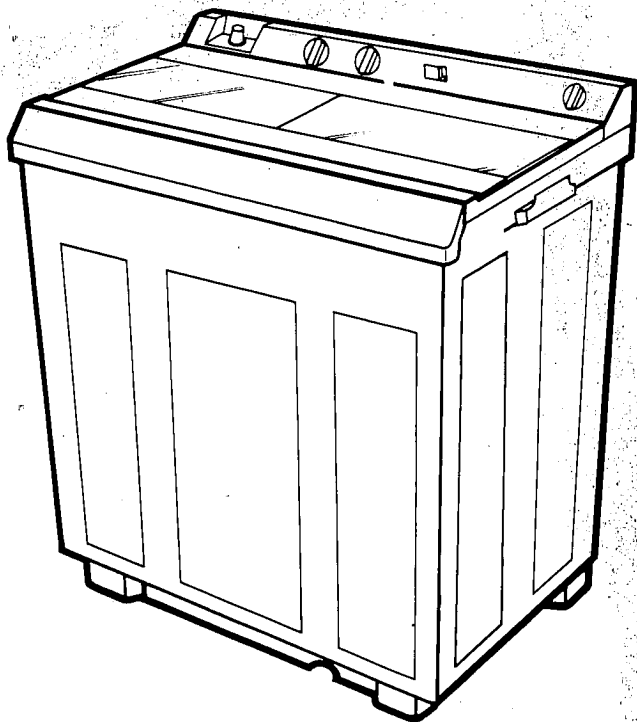


SANYO

TWIN TUB WASHER

INSTRUCTION MANUAL

Model No.: **SW-445AP**



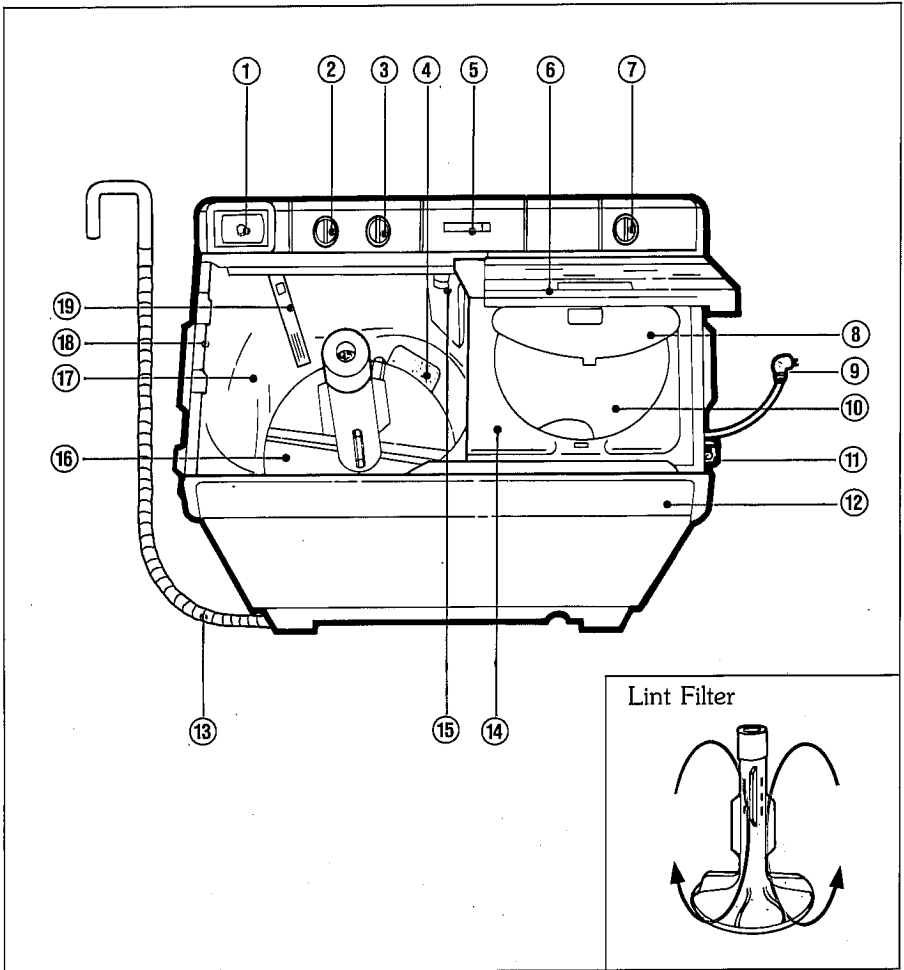
- Thankyou for selecting this twin tub washer.
- Before operating this unit, please read these instructions completely.

Contents

page

1. Parts Identification	2
2. Important Points for Safety	3
3. Cautions Regarding Use	5
4. Grounding Instructions	7
5. Washing Procedure	10
6. Laundry Method with Intermediate Spin	16
7. Cleaning After Use	18
8. Before Requesting Service	20
9. Specifications	21
10. Warranty	22

1. Parts Identification

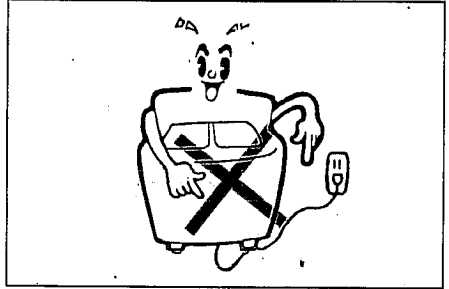


- | | | |
|------------------------|----------------------|-------------------------------|
| ① Water Inlet | ⑧ Spin-tub Inner Lid | ⑮ Overflow Strainer |
| ② Wash Timer | ⑨ Power Cord | ⑯ Pulsator (with Lint-Filter) |
| ③ Wash Action Selector | ⑩ Spin-tub | ⑰ Wash-tub |
| ④ Drain Strainer | ⑪ Hose-Hook | ⑱ Wash-tub Lid |
| ⑤ Drain Selector | ⑫ Panel Front | ⑲ Lower Water Inlet |
| ⑥ Spin-tub Lid | ⑬ Drain Hose | |
| ⑦ Spin Timer | ⑭ Rub-wash Section | |

2. Important Points for Safety

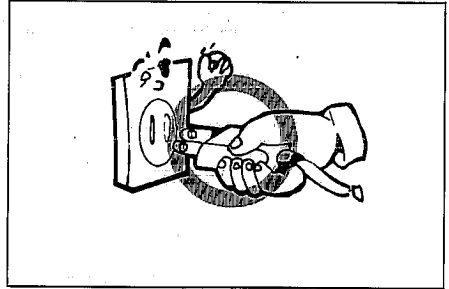
■ Electric power cord

- If the electric power cord is damaged, it could cause a malfunction or an electrical shock.
- Don't set heavy objects on the cord or allow it to become pinched by the washing machine.
- If the supply cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, because special purpose tools are required.



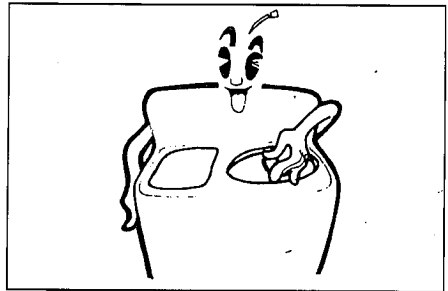
■ Cord plug

- When disconnecting the cord plug, be sure to take hold of the plug itself; never pull on the cord.



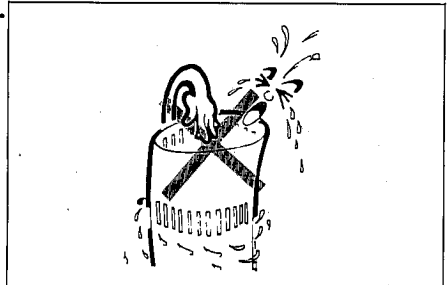
■ Safety cover

- Put the safety cover on the wet laundry before spinning to secure safety.



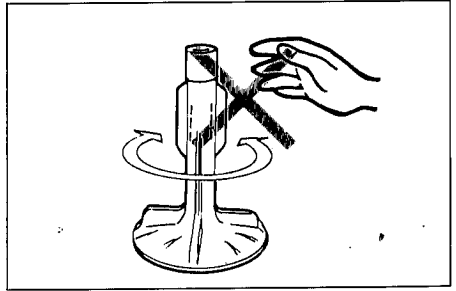
■ Be aware of rotating spin dryer.

- Make sure that the spin dryer has stopped rotating before opening the inner lid. Never reach into the spintub while it is still in motion.
- Be especially careful of children.



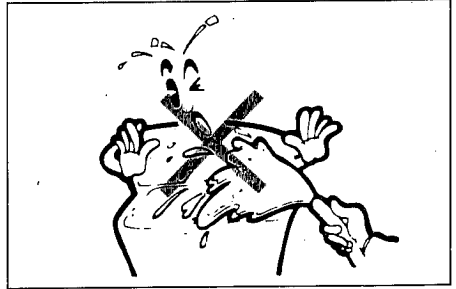
■ Be aware of rotating pulsator

- Don't put your hand into the tub during operation; the clothing to be washed could become entangled around your hand and cause an accident.



■ Water sprinkle

- Never sprinkle water on the switch panel. Allowing water to contact the switches could cause a malfunction or an accident.



Note: If AC Power Cord requires replacement, it must be replaced by Qualified Repairer as authorised by Sanyo because special purpose tools are required.

3. Cautions Regarding Use

■ Heat

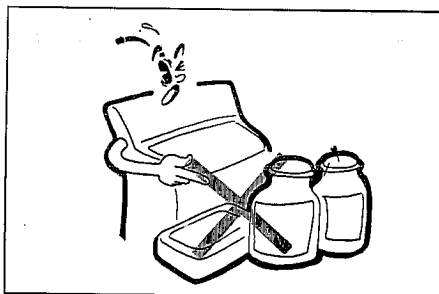
- Many parts of this washing machine are made of plastic; never place hot or burning objects on or near the washing machine.

CAUTION: The tub of this unit is made of polypropylene, use water below 50°C



■ Clothing that shouldn't be washed

- Do not put clothing which has been soaked in an inflammable substance (benzene, thinner, etc.) into the spin-tub. (Doing so could cause a fire)



■ Using hot water

- Use only water under 50°C. If the hot water to be used is 50°C or above, first partly fill the washing machine with cold water, and then add the hot water.



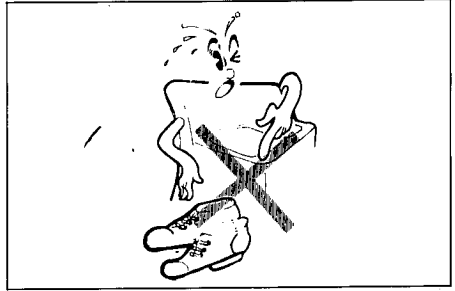
■ Shock

- Don't let excessive shock or force be applied to the windows of the tub lids. Doing so could cause the windows to be broken.



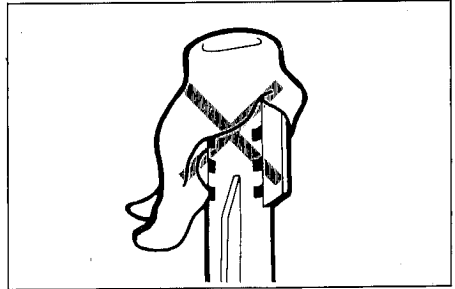
■ Articles that shouldn't be washed or spinned

- Don't put shoes, utensils, etc. into the tub to wash or spin. Doing so could cause trouble.



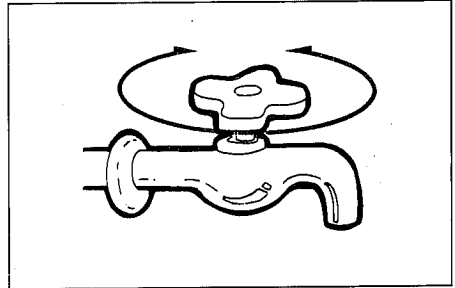
■ Putting in the clothes

- Do not overload the washing machine.
- Fold up bulky clothing before putting it into the tub.
- Do not let the clothes cover the top of the pulsator. Doing so could cause a decline in washing efficiency.



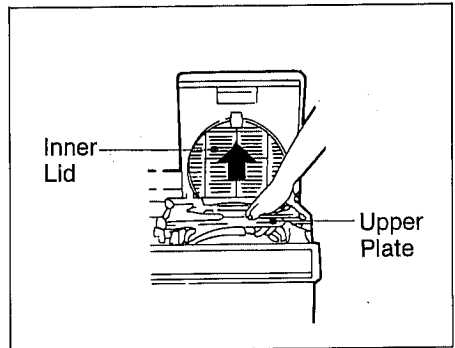
■ Water tap

- Control the water supply by adjusting the tap valve.
- If the water pressure is too high, the water can be sprinkled on the floor.



■ Removing the clothes dropped between the Spin-tub and the Wash-tub

- (1) Shut off the power switch, and then disconnect the power cord from the electrical socket.
- (2) Hold the front part of the upper plate and pull it up.
- (3) Remove the clothes dropped out of the spin-tub.
- (4) Insert the upper plate securely by pushing the front part of it.

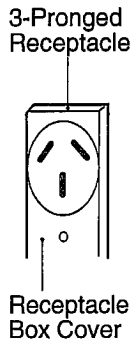
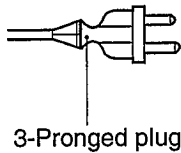


4. Grounding Instruction

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING: Improper use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or serviceperson if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a three wire extension cord that has a three blade grounding plug, and a three slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

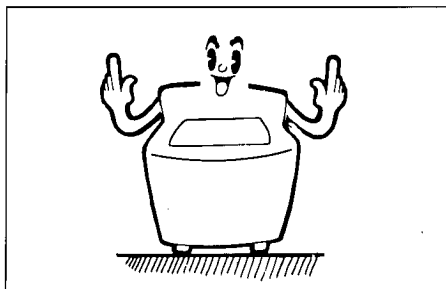
Use a 3-pronged plug



■ Place of installation

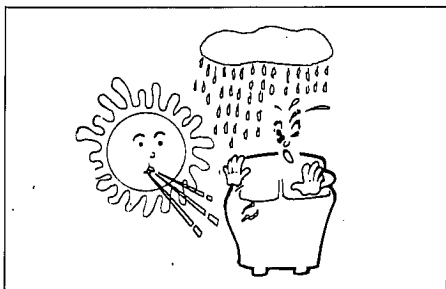
(1) Choose a place on a horizontal solid floor. If the machine is installed on an unstable floor, heavy vibration will result during spin.

- The opening of ventilation must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

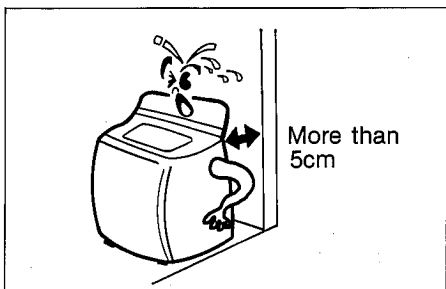


(2) Avoid installing the machine where it can be exposed to rain or direct rays of the sun, that may cause trouble or discoloration.

In case the machine has to be installed in such a place, provide a shield to protect the machine from rain or direct rays of the sun.

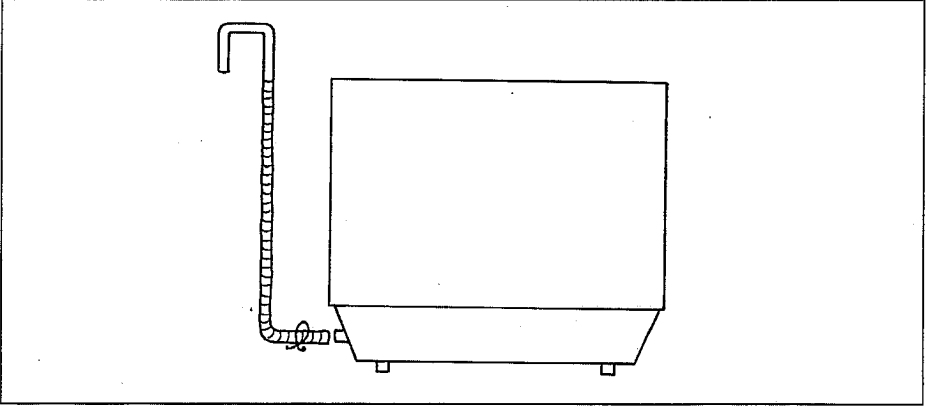


(3) Keep the machine body more than 5cm apart from the wall surface. If it comes into contact vibration may occur.

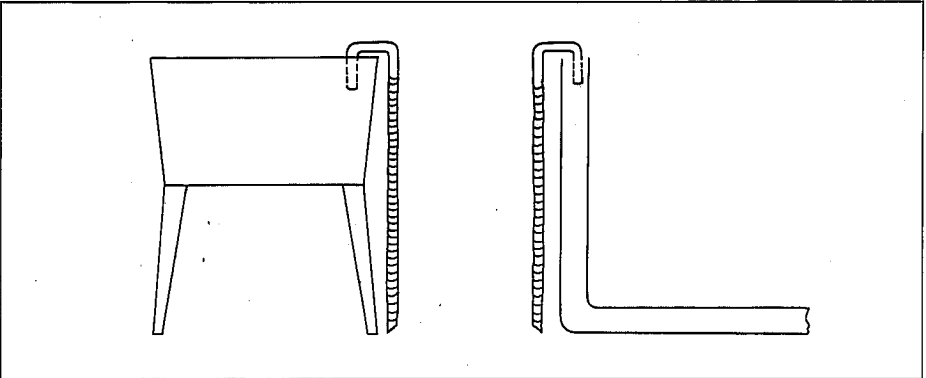


■ Installing drain hose.

- Install the drain hose properly as show below. .
Secure the drain hose to the drain outlet pipe, using the spring clamp provided.



- Hook drain hose over the edge of sink or directly into your drain pipe.



5. Washing Procedure

■ Laundry guide

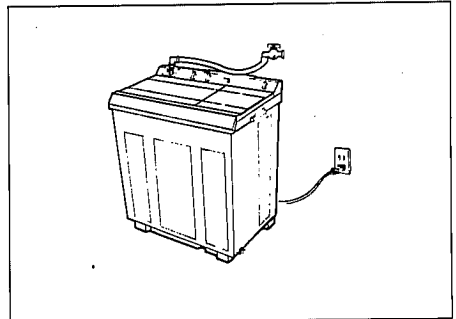
Wash Load	Type of Fabric	Wash Time	Wash Action	Water Level	Amount of Detergent
Up to 1.4 kg	Wool, Silk, Polyester Rayon, Thin clothes	2 min.	Soft	Low 36 L	Approx. 40 g
	Cotton, Linen T-shirts, Underwear	7 min.	Normal		
	Heavily soiled cotton Workclothes, Sheets	10 min.	Normal		
1.4 – 2.8 kg	Wool, Silk, Polyester Rayon, Thin clothes	4 min.	Soft	Medium 43 L	Approx. 47 g
	Cotton, Linen T-shirts, Underwear	7 min.	Normal		
	Heavily soiled cotton Workclothes, Sheets	10 min.	Normal		
Above 2.8 kg	Wool, Silk, Polyester Rayon, Thin clothes	4 min.	Soft Normal	High 50 L	Approx. 55 g
	Cotton, Linen T-shirts, Underwear	7-10 min.	Normal		
	Heavily soiled cotton Workclothes, Sheets	10-15 min.	Heavy		

- The amount of laundry detergent will vary according to the type of detergent used; carefully read the instructions accompanying the detergent.

■ Washing procedure

A. Preparation

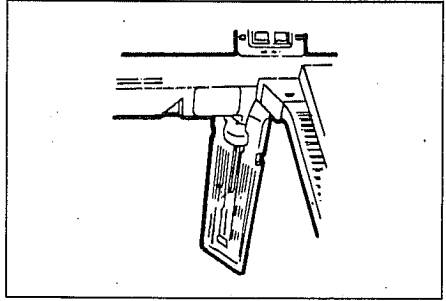
- Connect the inlet hose to a water tap.
- Unhook the drain hose and set it properly.
- Plug the power cord into an electric outlet.



B. Wash

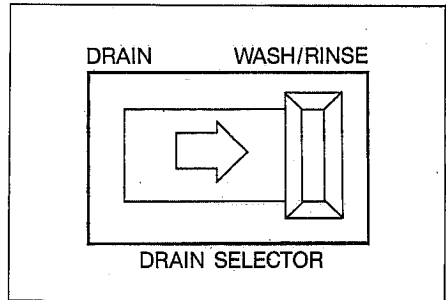
1. WATER LEVEL

- Set the water level properly according to the size of the load to be washed.



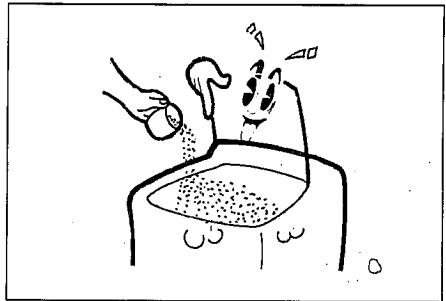
2. DRAIN VALVE SELECTION SWITCH

- Set the drain valve selection switch on "WASH/RINSE" position.



3. DETERGENT

- Put in the laundry detergent.
(If the detergent does not dissolve easily, fill the washing machine with small amount of water and mix the detergent with the water for a few minutes.)



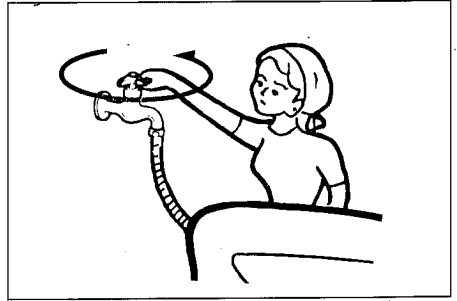
4. CLOTHES

- Put in the clothes.
(Remove any matches, coins, pins, etc., that might be in the pockets of the clothes)



5. WATER SUPPLY

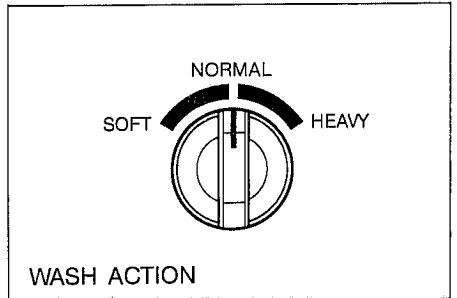
- Open the water tap and fill the tub to a suitable water level for the wash load.



6. WASH ACTION

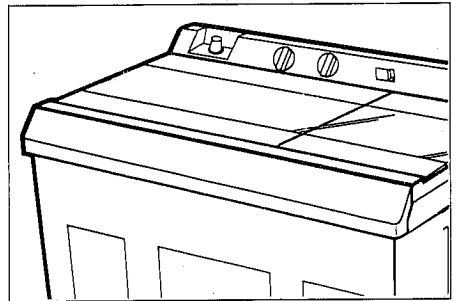
- Select a suitable wash action according to the type of fabric to be washed: "SOFT", "NORMAL" or "HEAVY".
- Wash Action

HEAVY	1.2" (0.9") ON-1.1" (0.5") OFF
NORMAL	1.0" (0.7") ON-1.3" (0.7") OFF
SOFT	0.8" (0.5") ON-1.5" (0.9") OFF



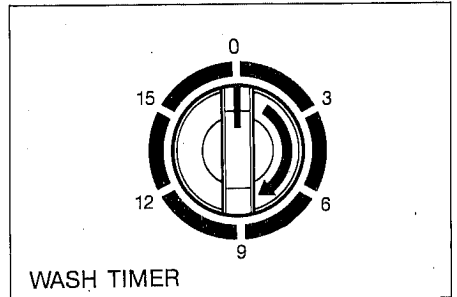
7. WASH-TUB LID

- Close the wash-tub lid.



8. WASH TIMER

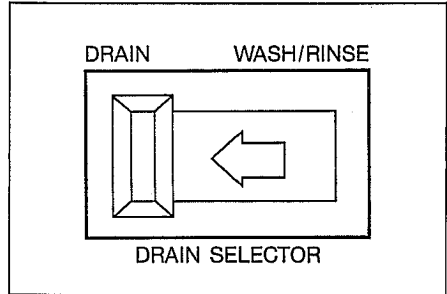
- Turn the wash timer clockwise, until you reach the desired wash time position. The wash cycle starts immediately.



C. RINSE

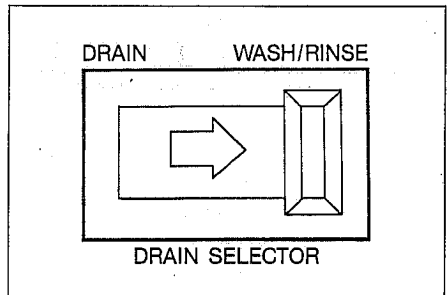
1. DRAIN

- Set the drain valve selection switch on "DRAIN" position.
- It takes about two minutes for the water to drain thoroughly away.



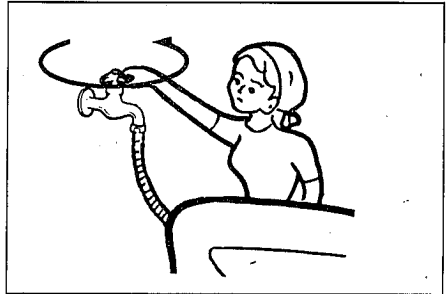
2. DRAIN SWITCH

- Set the drain valve selection switch on "WASH/RINSE" position again, to stop the drain cycle.



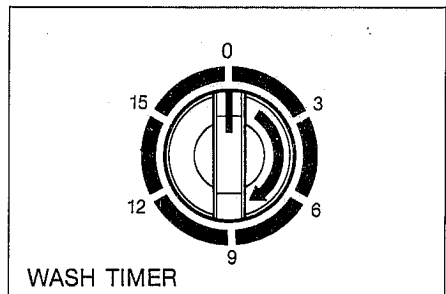
3. WATER SUPPLY

- Open the water tap and fill the tub to a suitable water level for the laundry.



4. RINSE-WASH TIMER

- Turn the wash timer to clockwise.
- Set the time to 2-4 minute position.

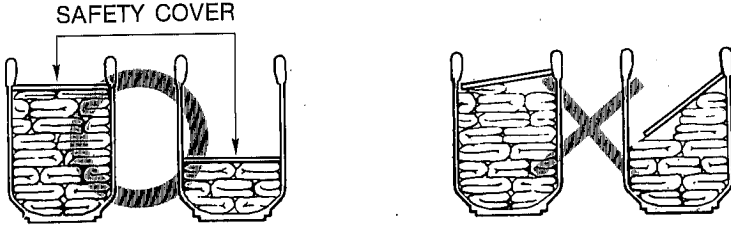


5. Repeat processes 1 to 4 twice or three times according to the condition of the washed laundry.

D. SPIN

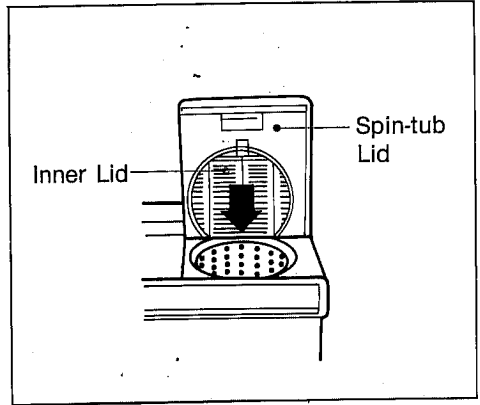
1. PUTTING IN THE CLOTHES

- Put the wet clothes into the spin-tub.
- Distribute the clothes in the tub being sure that they are well balanced as shown below.
- Put the safety cover properly on top of the clothes.



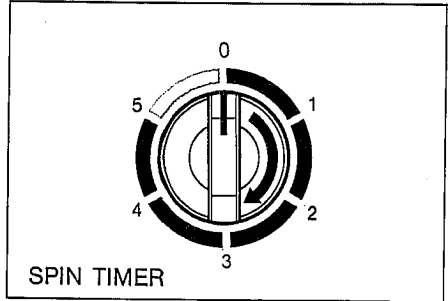
2. CLOSING THE LIDS

- Close the spin-tub lid and inner lid.
- The machine will not spin if the spin-tub lid is open.



3. SPIN TIMER

- Turn the spin timer to clockwise until you reach the desired spin time position.



*SPIN TIME

Type of Fabric	Spin Time
Clothes that wrinkles easily (Synthetics, Fibers, Delicate Materials)	1/3 – 1 min.
Clothes that do not wrinkle easily (Workclothes, Sheets, Underwear)	3 – 5 min.

*UNBALANCE

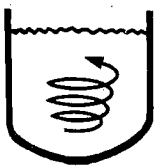
If there is any abnormal vibration during spinning, open the lids to stop the spin-tub and rearrange the clothes to be in good balance.

*SIMULTANEOUS DRAIN

If the drainage from the wash-tub and spin-tub occurs simultaneously, the drainage from spin-tub will be obstructed and there may be a malfunction. Therefore, if you need to drain the wash-tub while spinning, be sure to drain the wash-tub after at least one minute's spinning.

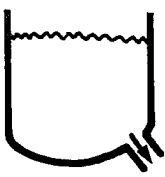
6. Laundry Method with Intermediate Spin

You can improve the rinsing effect and save rinsing water by using an intermediate spin between wash and rinse process;



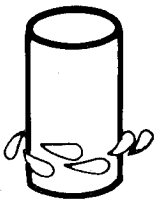
1. WASH

- Operate the wash process as described in wash procedure.



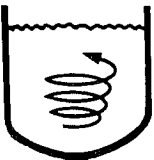
2. DRAIN

- Drain the wash-tub by pushing the drain valve selection switch to "DRAIN" position.



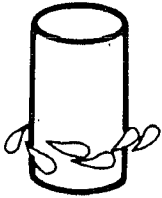
3. INTERMEDIATE SPIN

- Move the laundry to the spin-tub.
- Operate the spin process for about three minutes as described in spin procedure.



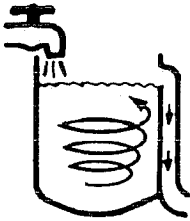
4. RINSE

- Move the laundry to the wash-tub.
- Operate the rinse process for about two to seven minutes.



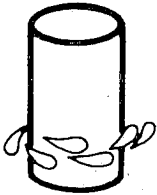
5. INTERMEDIATE SPIN

- Move the laundry to the spin-tub.
- Operate the spin process for about three minutes as described in spin procedure.



6. OVERFLOW RINSE

- Move the laundry to the wash-tub
- Open the water tap.
- Operate the rinse process for about two to seven minutes continuing water supply.



7. FINAL SPIN

- Move the laundry to the spin-tub.
- Operate the spin process.

7. Cleaning after Use

Cleaning after use will extend the life of your washing machine. Before cleaning, shut off the power switch and disconnect the power cord from the electrical outlet, being sure to take hold of the plug.

■ Cleaning the Body



- Wipe with a soft cloth.
- If extremely dirty, wipe with a cloth soaked in a solution of water and dish detergent or soap.
- Do not spray the washing machine with water or use thinner, abrasive, cleanser, benzene, alcohol, etc., to clean it.

■ Cleaning the Lint Filter

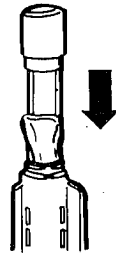


(1) Remove the filter frame by pulling it upward.



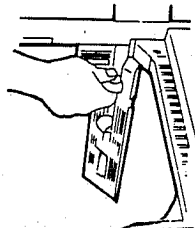
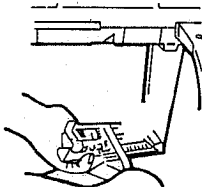
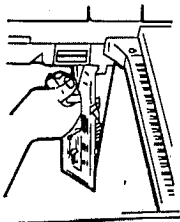
Lint

(2) Turn the filter inside out and wash the lint off with water.



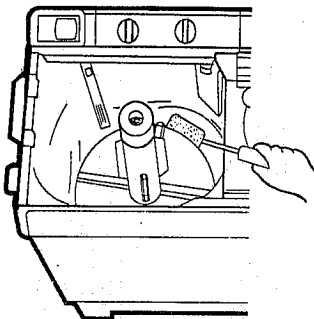
(3) Insert the filter frame into the pulsator hole as it was.

■ Cleaning the Overflow Strainer



- (1) Remove the strainer by pulling it forward.
- (2) Wash off the lint stuck in the strainer during overflowing.
- (3) Re-install the strainer.

■ Cleaning the Drain Strainer



- (1) Remove the drain strainer from the bottom of the tub using a sharp tool such as \ominus driver.
- (2) Wash off the lint stuck in the strainer.
- (3) Re-install the strainer.

8. Before Requesting Service

When you suspect your washing machine requires maintenance before calling for a service engineer, please check the following points to save unnecessary cost. You may be pleasantly surprised that an apparent malfunction can be easily rectified by following the chart below.

Problem	Location to be checked
The washing machine will not operate at all	<ul style="list-style-type: none"> • Is there a power blackout? • Is the power cord correctly connected to an electrical outlet? • Is the electric fuse or breaker blown? • Did you turn the "WASH TIMER" knob or "SPIN TIMER" knob to begin operation?
The washing machine will not drain properly	<ul style="list-style-type: none"> • Is the drain hose clogged with lint? • Is the drain hose kinked? • Is any part of the hose higher than 90 cm? • Is an extension hose longer than 3 m? • Is a narrow hose being used?
There is an abnormal noise during washing	<ul style="list-style-type: none"> • Is something touching the pulsator as it rotates?
Water is not supplied	<ul style="list-style-type: none"> • Is the inlet hose connected and the water tap open? • Has the water supply been shut off due to a water shortage in your area? • Is foreign matter clogging the water inlet?
The washing machine will not spin	<ul style="list-style-type: none"> • Is the spin-tub lid open? • Have any clothes dropped between the spin-tub and the wash-tub?
There is a bumping noise of the spin-tub against the wash-tub.	<ul style="list-style-type: none"> • Is the washing machine itself uneven? • Have the clothes in the tub collected on one side? (Redistribute them evenly.)

9. Specifications

Dimension	770mm × 467mm × 870mm (W × D × H)	
Machine Weight	33 kg	
Power Source	240V 50Hz	
Water Level	High	50 L
	Medium	43 L
	Low	36 L
Power Consumption	Washer	320 W
	Spin Dryer	140 W
	Pump	80 W

Desing and specification subject to change without notice.



SANYO Australia Pty Ltd

ACN 004 981 873

Personal Records

Model No. Serial No. Original Buying Date.....

Retailer's Name Suburb/Town/City.....

Sanyo Warranty Period

Clothes washing machine

Domestic use.....12 months

Commercial Use.....3 months

Sanyo Warranty

You will keep your Sanyo warranty if you provide proof of original buying date when requesting service for your product bought both in Australia and overseas.

Other Rights

Your Sanyo warranty benefits are additional to your rights under the Trade Practices Act and other laws.

Sanyo Warranty

Except for the clauses below, Sanyo will repair (or at its option replace) any part of your Sanyo product which in its or its service centre's or office automation dealer's opinion needs repair or replacement because of manufacture or parts during the period, in the table overleaf, commencing from your product's original buying date.

How to Claim Your Sanyo Warranty

- Please provide proof of original buying date when requesting Sanyo warranty service — for your product bought both in Australia and overseas.
- Please install and use your product in accordance with instructions on your product or in your operating manual.

Place & Time of Service

- If you live in Sanyo's or it's service centre's normal area

Free calls to your home

- If you live outside this area

At Sanyo's or its service centre's option, either

- A mileage fee may be asked or
- You may take or send your product (at your own cost and risk) to and from Sanyo Sydney or its service centre

If you send your product and/or leave it with or is taken by Sanyo or its service centre or office automation dealer you are wise to insure it for both the sending and return journey Sanyo Sydney service hours are only Monday to Friday (excluding public holidays) 8.30 am to 4.30 pm

Service parts for which you may be asked to pay at the then current rates

- Repairs to or replacement of power plugs and leads, washing machine hoses, glass or plastic accessories, appearance items, cabinets

Service parts for which you may be asked to pay at the then current rates (con'd)

- Clothes washing machine
 - lint filter cleaning and blocks and
 - pump blocks from coins or other sources which you should have removed before washing
- Repairs needed because of these blocks
- Repairs needed because of
 - cockroach or other insect or mice damage
 - accidents, misuse, negligence or tampering with
 - use other than in accordance with instructions on your product or in your operating manual
 - lightning strikes
 - salt build up or rust if you live near the ocean or in a high humidity area
 - repairs or attempted repairs by anyone other than Sanyo or its service centre or office automation dealer
 - using your product on voltage other than that specified for your product
- If you are away from the address as advised to Sanyo or its service centre where you have made an appointment and the technician has arrived while you are away
- Control, power supply, water supply, or other adjustments or installation corrections which you could have corrected
- Repairs to, or resulting from your needing improved or corrected
 - water supply
 - power supply
 - installation
- Routine maintenance, ordinary wear and tear and repairs needed other than resulting from ordinary domestic use
- Repairs to your product if
 - bought at auction
 - serial number has or attempted to have been removed, defaced or marked

No Sanyo product retailer, employee, service centre or office automation dealer may add to or change this Sanyo warranty

Sydney

7 Figtree Drive, Australia Centre, Homebush 2140. Phone: (02) 763 3900

Melbourne, Brisbane, Adelaide & Perth

Please check your local white pages for your closest Sanyo repairer or office automation dealer

Other areas

Please check with your retailer or your major local repairers or office automation dealers

