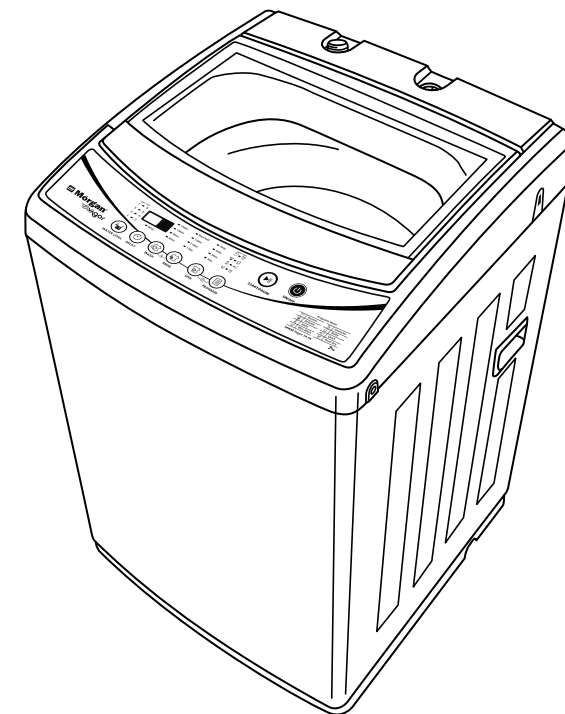


 **Mórgan®**

USER MANUAL



 **Mórgan®**

Market Expansion
Services by
www.dksh.com.my



DKSH

E-mail: electrical.appliance@dksh.com
www.morgan.my

 facebook.com/morganappliances

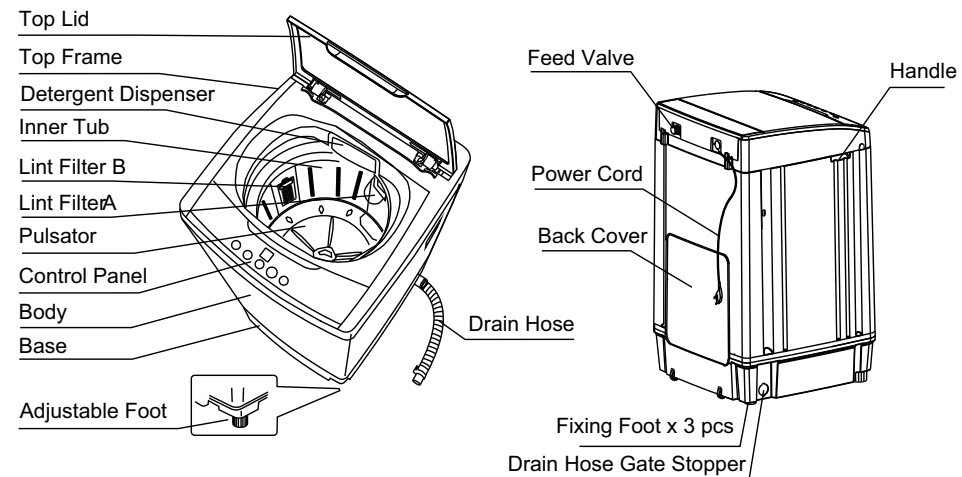
Automatic Washing Machine

MWM-Rena 7FA

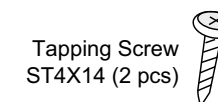
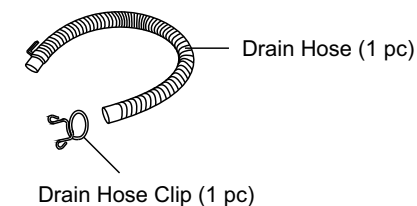
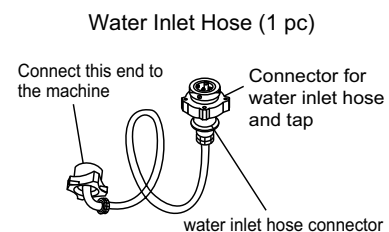
C O N T E N T S

3	SAFETY AND PRECAUTIONS
4	SAFETY INFORMATION
6	INSTALLATION & ADJUSTMENT
8	WATER INLET INSTALLATION
10	WASH GUIDE
11	LOAD GUIDE
12	DETERGENT GUIDE
13	CONTROL PANEL & FEATURES
14	OPERATING INSTRUCTIONS
15	CARE & CLEANING
16	TROUBLESHOOTING
17	WARNING ALARM & TROUBLESHOOTING
18	SPECIFICATIONS

SAFETY AND PRECAUTIONS



ACCESSORIES



ABOUT THE SAFETY SYMBOLS



WARNING SYMBOL

This symbol indicates information that, if ignored, could result possibly in personal injury or physical damage due to incorrect handling.

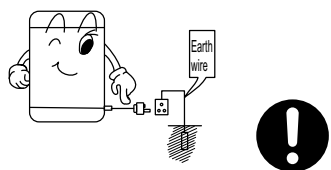


PROHIBITED ACTION SYMBOL

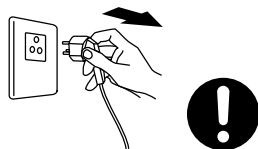
This symbol indicates a prohibited action which if ignored, could result possibly in personal injury or damage to the appliance due to incorrect handling.

SAFETY INFORMATION

Insert the power plug into the power supply with a rated voltage of 220-240V AC.



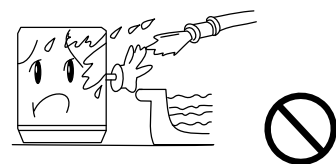
Always unplug the appliance and turn off the water when the power is cut, moving or cleaning the washing machine, or it is not in use. Do not insert or pull off the plug with wet hands.



Do not bend, modify, stretch or twist the power cord. If power cord or power plug is damaged or becomes loose, have them repaired or replaced by our authorized service technicians to avoid danger. The pins of the power plug must remain clean. Please clean it carefully with dry cloth if it is dirty.



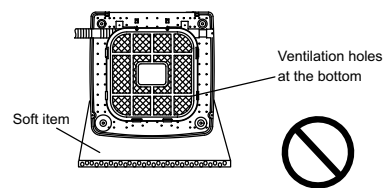
Do not install the washing machine in the bathroom or damp areas. Do not wash the machine with water & do not place wet clothes on the control panel.



Do not use water hotter than 50°C.



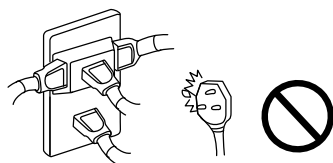
If the machine is situated on a carpeted floor, please adjust the feet to allow air to circulate freely.



Do not wash raincoat, bicycle cover, feather dress and waterproof materials as these will cause the washing machine to vibrate abnormally during the spinning process.

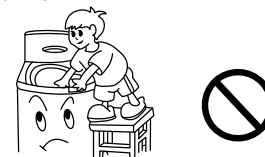


Do not share the same socket with other electric appliances. Do not use damaged power plug or loose power socket.

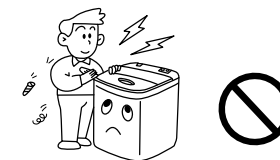


SAFETY INFORMATION

Do not insert hands into the machine when it is operating. It is dangerous even if the speed is slow. Do not allow children to play or climb on the machine.



It is dangerous to alter the specifications or attempt to modify this machine in any way.



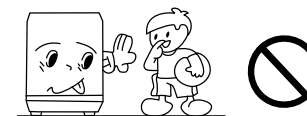
Do not overload the appliance or put any hot items (i.e., kettle with hot water) on the machine.



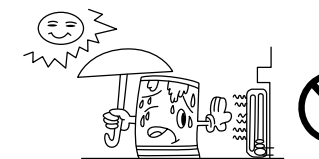
Garments which have been in contact with volatile petroleum products should not be machine washed.



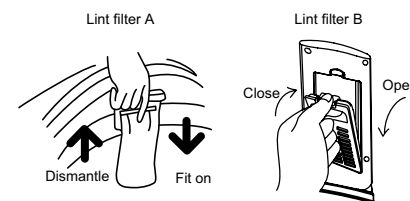
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children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



Keep the appliance away from direct sunlight and heat sources like the heater.

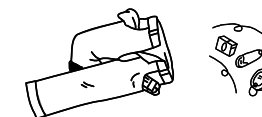


Keep the lint filter in good condition to prevent lint from the blocking cascade outlet during washing. Always install it to its proper position and clean it frequently.



Any objects such as coins, safety pins, nails, screws, stones or any other hard, sharp material can cause extensive damage and must not be placed into to the machine.

- Ensure tap is turned on before washing & the water inlet hose is installed correctly.
- It is recommended to use low foam detergent.



INSTALLATION & ADJUSTMENT

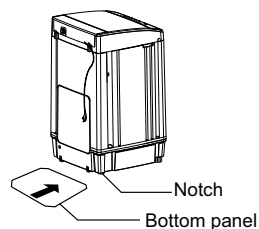
It is important to install and adjust the machine according to the instructions in this manual for your safety and proper operation.

UNPACKING

- Unpack the carton and take out the bottom panel.
- Open the top lid of the washing machine and remove all the accessories. Remove all wrappers, including the polystyrene base.
- You are advised to keep all the packaging for reuse in case the machine is to be transported again.

INSTALLING THE BOTTOM COVER

- Lean the machine forward gently and insert the bottom cover (the side with instructions) into the notch along arrowhead direction.
- Attach the bottom cover onto the washing machine base with two tapping screws in the accessories by using cross screwdriver.

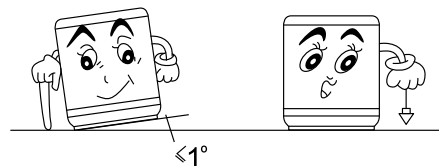


POSITIONING

The distance between the washing machine and the wall should be more than 50mm, and the maximum allowed angle of the shank base of the machine is 1° . Slanting or unstable ground may affect proper operation. To rectify this, adjust it with the following methods:

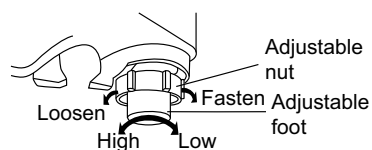
Make it horizontal

Use a tied thread with plumb to check if it is horizontal.



Adjust the adjustable feet

1. Lift up the adjustable foot gently, loosen the adjustable nut and twist it.
2. Fasten the nut after adjustment.



INSTALLING THE DRAIN HOSE

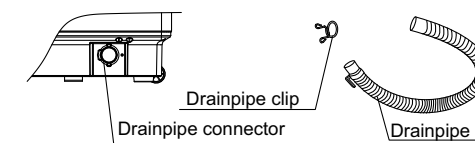
- Set the drain hose clip into the drain hose 2-3cm from the drainpipe end and install the drain hose into the drain hose connector.

Install the drain hose and drain hose connector with the clip onto the drain hose clip on the cabinet.

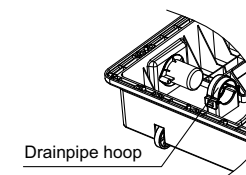
INSTALLATION & ADJUSTMENT

CHANGING THE DIRECTION OF THE DRAIN HOSE

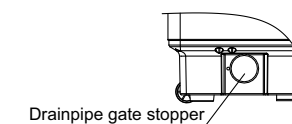
1. Detach the drain hose and drain hose clip from the drain hose connector. Lay a soft mat on the floor and place the washing machine front side down onto the mat.
2. Unmount the screws on the back cover using a screwdriver and detach the back cover.
3. Unmount one screw fixing the drain hose connector (on right of the washing machine) and loosen the drainpipe connector.
(Section sketch map for washing machine right side)



4. Extrude the drainpipe with proper force and remove the drain hose hoop (on right of the washing machine) & loosen the inner drain hose.
(Section sketch for inside washing machine)



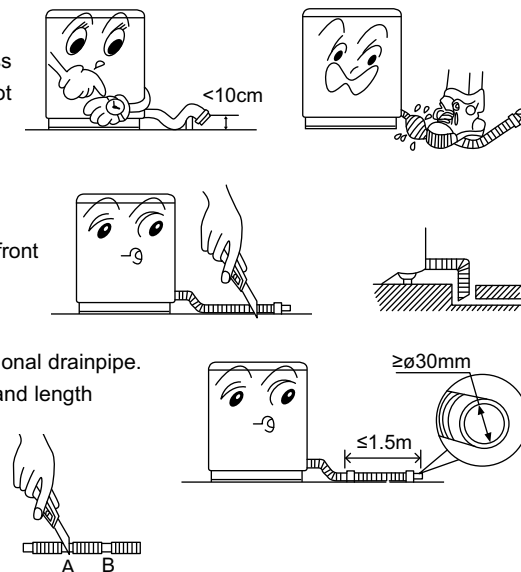
5. With proper force, detach the drain hose gate stopper on left side of the washing machine. The drain hose gate stopper is fixed on the washing machine base with two clips.
(Section sketch map for washing machine left side)



6. Pull the inner drainpipe to another side, taking care not to distort or damage the inner drain hose. Attach the inner drain hose with the drain hose hoop using one screw to secure the drain hose connector. Install the drain hose gate stopper to another side, place the washing machine standing upright and reattach the cover using the screws. Install the drain hose with drain hose clip into the drain hose connector.

WATER DRAINAGE

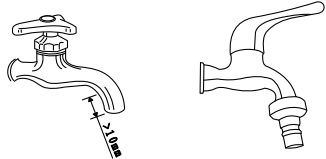
1. The height of the drain hose should be less than 10cm, otherwise the drainage will not be smooth and need a long time to drain, the machine may stop during working.
2. Do not step on or press the drainpipe.
3. Cut the drainpipe if it is too long. Cut the front end of the drainpipe slantingly to make drainage smoothly.
4. Purchase a proper hose if you need additional drainpipe. Its diameter should not less than 30 mm and length should not exceed 1.5m.
5. If the additional drainpipe is too long, cut some at A or B point.



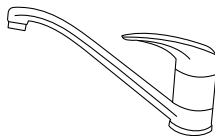
WATER INLET INSTALLATION

TAP SELECTION

Recommended Tap



Not recommended tap



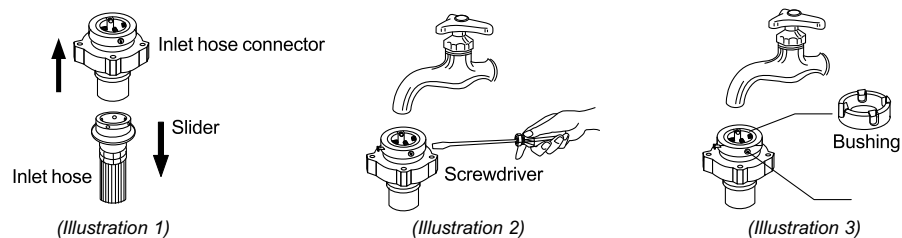
The front end should be longer than 10mm. The tap exit end should be flat and smooth. If not, file it to prevent leakage.

CONNECTING THE INLET HOSE CONNECTOR WITH THE WATER TAP

1. Press the lower end of the lock lever and push down the slider. Remove the inlet hose connector from the inlet hose (see illustration 1).
2. Loosen the four bolts on the inlet hose connector until the tap can be accessed. Then set the inlet hose connector into the tap (see illustration 2).

Note: if the tap calibre is larger and cannot fit into the inlet hose end, unscrew the four bolts and detach the bushing.

Important: Tap exit end must be flat otherwise it will leak (see illustration 3).

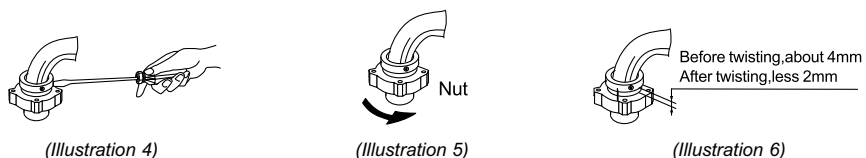


3. Fasten the four bolts in the inlet hose connector evenly (see illustration 4).

4. Secure the fastening nut (see illustration 5).

Note: Before tightening the nut, the threading is approx. 4mm above the nut's upper surface.

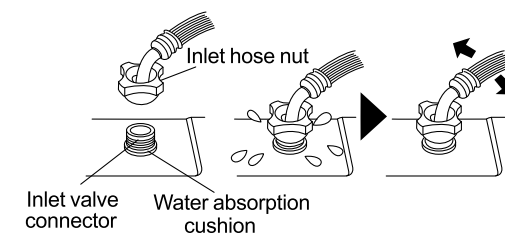
After tightening the nut, the threading is less than 2mm above the nut's upper surface (see illustration 6).



WATER INLET INSTALLATION

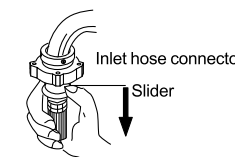
CONNECT THE WATER INLET HOSE TO THE MACHINE

1. Do not remove the water absorption cushion. Inspect the cushion for signs of damage after using. Replace if required.
2. Insert the inlet hose nut onto the inlet valve connector.
3. Tighten the inlet hose nut and gently swing it to ensure it is secure.



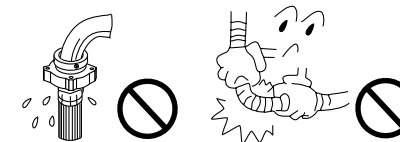
CONNECT THE INLET HOSE CONNECTOR WITH THE WATER INLET HOSE

1. Push down the slider. Insert the inlet hose into the connector.
2. Hang the lock lever to the inlet hose connector and release the slider until a click sound is heard.



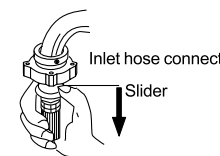
INSPECT THE CONNECTION BETWEEN INLET HOSE CONNECTOR AND THE TAP

1. Swing the inlet hose gently to ensure it is fastened.
2. After installation, turn on the tap and inspect for leaks.
3. Do not twist or bend the water inlet hose.
4. Before using, always inspect the connection between the inlet hose connector and the tap, and the installation of the inlet hose. Ensure they are firmly fitted and does not slip during operation.



DISMANTLING THE WATER INLET HOSE

1. Turn off the tap.
2. Press the locking lever, push the slider down and detach the water inlet hose.
3. If the machine is used frequently, the water inlet hose connector can be secured to the tap to prevent damaging the fastening screws.



WASH GUIDE

PREPARATION BEFORE WASHING

1. Connect the water inlet hose and turn on the tap.
2. This machine must be reliably earthed. Insert the power plug.
Note: The earth terminal should not link to gas pipeline, tap pipeline etc.
3. Lay down the drain hose.

Warning: the temperature of the water should less than 50 °C!

PAY ATTENTION TO THE FOLLOWING BEFORE WASHING:

Check for special washing requirements	Before washing, empty all pockets from small objects which may have been left inside (coins, keys, lighters etc.) as these could damage the drain pump.	Knot the long band, fasten the buttons and secure the zippers.	Do not overload the machine. Load the laundry loosely alternating large items with smaller ones.	Sort the laundry according to the type of fabric, colour-fastness and how dirty it is. Place thinner laundries, woollens and such prone to wear and tear laundry into washing bag.
--	---	--	--	--

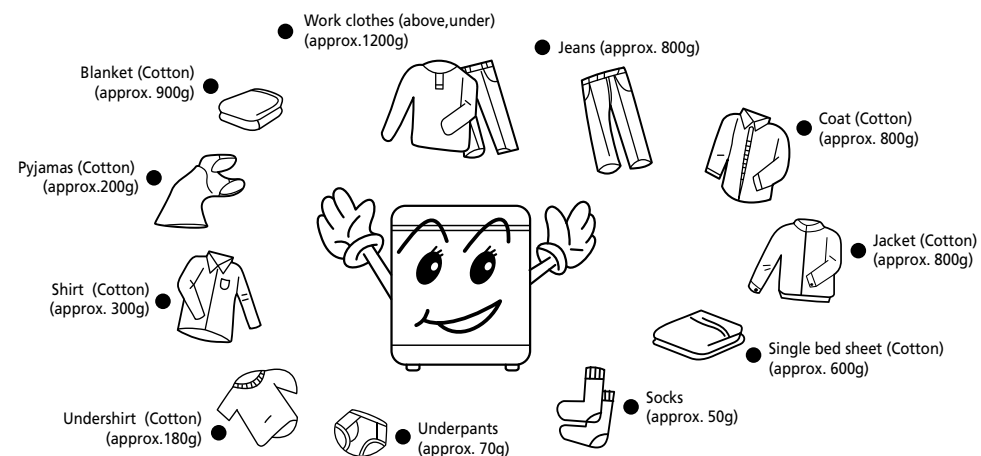
1. To get the best wash results, sort your laundry before washing and ensure that laundry is washable.
2. It is essential to wash new coloured items separately when washing for the first time. White items should not be washed together with coloured items.
3. Wash non-absorbable laundry by hand.
4. Read care labels as they will tell you how the fabric of each garments should be washed.
5. It is essential to wash new coloured items separately when washing for the first time. White items should not be washed with coloured items.
6. Sort clothes according to the type of and amount of soil. For example, oily soils will require a higher temperature to lift the stain, whereas mud and blood stains are better washed in cold as heat can set the stain further into the fabric. Pre-treating stains will also improve upon wash results.
7. Do not put the chemical-stained laundry into the machine directly.
8. Baby articles (baby clothes, nappies and towels) should be washed separately. If washed together with clothes, they may become infected.
9. Check pockets before each wash and remove loose items that may cause damage to both your washer and your clothes. Close all zippers, hooks and eyes to prevent them from hooking on with other garments.
10. It is advisable to place bras in a washing bag to prevent the steel wire from popping out into the drum and damaging the machine. Very small item (handkerchiefs, ribbons, socks etc) should be washed in a washing bag or a pillow case.

LOAD GUIDE

- The capacity of washing and spinning refer to the largest weight of the standard laundry under dry conditions.
- It is recommended to wash a load lower than the rated capacity.
- Different thickness, size and type of the laundry will influence the actual washing capacity.
- It is important that the laundries can be turned around easily during washing. Do not select high water level when loads are less than 1.0kg to avoid water splashing.

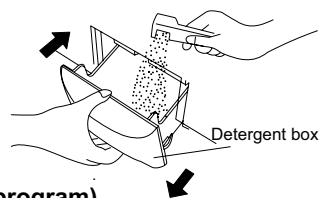


LAUNDRY REFERENCE GUIDE



DETERGENT GUIDE

- Detach the detergent dispenser box (see illustration).
- Pour concentrated synthetic washing powder into the box directly.
- It is recommended to low suds powder or liquid



USING DETERGENT

Dissolve in the machine directly (not suitable for delay program).

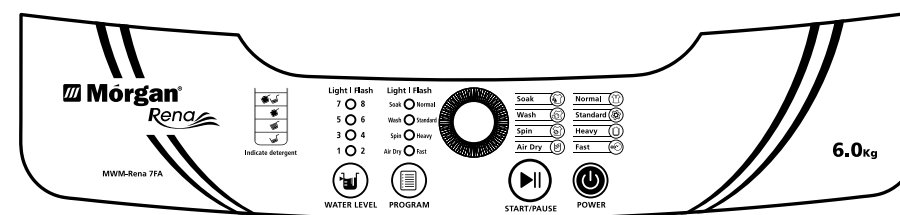
1. Select Low water level.
2. Add detergent and run for 30 seconds to dissolve it completely.
3. Place laundry into the tub, select suitable water level.
4. Prepare warm water of 30 °C in a container.
5. Pour the powder while stirring to fully dissolve it.
6. Follow the instructions on the back of the detergent box for the correct amount to use.
7. Too much detergent does not mean better wash results as the rinse will not be as clean and efficient. It may also cause excessive suds to flow into the dispenser compartment leading to unnecessary environmental pollution and build-up inside the washer.
8. Too little detergent may also cause dirt and lint to settle back onto your clothes.
9. It is also recommended to clean the detergent dispenser frequently to prevent detergent build-up.

USING BLEACH

1. Fill water to the selected level, dilute the bleach in a container and pour slowly into the wash tub.
2. Do not use bleach coloured or delicate laundry.
3. Do not add bleach directly onto laundry.
4. Refer to the manual for the usage and quantity of the bleach. Dissolve powder bleach before use.

Notes: Refer to the manual for using concentrated washing powder. Avoid over-dispensing detergent if laundry load is small.

CONTROL PANEL & FEATURES



MODE & INDICATOR LIGHTS

ON: indicate selected mode

FLASHING: indicate the program is running

- On startup, press 'Water Level' to select water level according to laundry load.
 - 1-2 is low water level
 - 3-5 is middle water level
 - 6-8 is high water level
- When water level is set with '1,3,5 or 7', the light will always illuminate.
- When water level is set with '2,4, 6 or 8', the light will flash.
- To add water during washing/rinse, press 'Water Level' button to add water, release button to stop.
- Alternatively, you may pause operation and press the 'Water Level' button to select a higher water level.

8 PROGRAM SELECTION:

'Normal', 'Standard', 'Heavy', 'Fast', 'Soak', 'Wash', 'Spin', 'Airdry'.

- When setting program 'soak, wash, spin or air dry', the light will always illuminate.
- When set program 'normal, standard, heavy or fast', the light will flash.

Note: Program setting on startup will always revert to 'Normal'.

POWERS: the machine ON or OFF.

- Press START button to begin washing operation after setting water level, program and process.
- Press again to PAUSE washing.

OPERATING INSTRUCTIONS

1. Press POWER button.
2. The machine will be in FUZZY mode if there is no water in the inner tub.
3. Now press "START/PAUSE" button (press "Program" and select "Heavy". The machine will be in FUZZY mode). The machine will activate FUZZY sensor and to sense laundry weight and set water level automatically.
4. If there is water in the inner tub, washing machine will not be in FUZZY mode.
5. Press "Program" button to select the desired wash program.
6. Select appropriate water level according to laundry load.
7. Upon startup, press PROGRAM button to select AIR-DRY function if required. When the AIR-DRY function completes the washing machine will be in waiting state.
8. Close the top lid, press "START/PAUSE" and the machine will start operating.
9. When washing completes, the buzzer will sound and cuts off power automatically.

CARE & CLEANING

AFTER EVERY WASH

- The machine stops automatically, and the buzzer will sound to remind you to remove the laundry or begin another wash.
- Always unplug machine from the power supply after every wash and turn off the water tap to prevent leaks.

EXTERIOR CARE & CLEANING

- Clean the machine exterior using a soft, damp cloth.
- Do not use abrasive cleansers or chemicals to avoid damaging plastic parts and surface.



CLEANING THE WATER INLET FILTER

Frequent washing may cause the water inlet filter net to be obstructed by dirt and grime. It is recommended to clean it periodically.

- Turn off the tap.
- Turn on power.
- Start the machine for 5 seconds to allow water from the inlet hose to flow to the tub.
- Turn off power.
- Detach the inlet hose, remove and clean the inlet valve and the inlet net, and install again.

CLEANING LINT FILTERS A & B

CLEANING LINT FILTER A

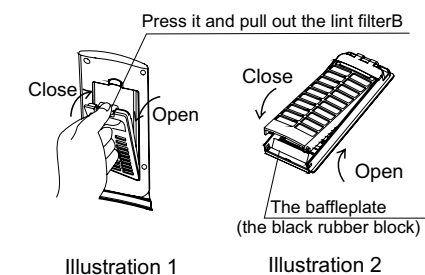
It is recommended to clean the lint filter periodically to prevent obstruction.

- Clean the lint filter A according to the following steps (see illustration):
- Detach lint filter A.
- Turn lint filter A net inside out and wash it.
- Reattach lint filter to its original position.



CLEANING LINT FILTER B:

- Detach lint filter B (see illustration 1)
- Open lint filter B cover and wash it (see illustration 2).
- Reattach lint filter to its original position.



TROUBLESHOOTING

- Use this troubleshooting guide for a list of possible solutions if the machine does not perform as expected or malfunctions.
- If a solution cannot be found or the problem persists, please contact your authorized service center.
- Do not, under any circumstance, dismantle or attempt to repair the machine yourself.

PROBLEM	POSSIBLE CAUSES	SOLUTION
No display on control panel	<ul style="list-style-type: none"> • Power Plug is not inserted correctly. • No power supply. • Power switch is not turned on. 	<ul style="list-style-type: none"> • Reinsert power plug correctly. • Inspect the power socket or change to another power socket. • Press power switch. • Check power supply
Water inlet hose leaking	<ul style="list-style-type: none"> • Inlet hose connector (connecting with the tap) is not secure. • Inlet hose and washing machine connector is loose. 	<ul style="list-style-type: none"> • Reinstall the inlet hose again. • Tighten the connector of the machine.
Machine does not drain	<ul style="list-style-type: none"> • Drain hose is not placed down on floor level. • Drain hose is bent/twisted or obstructed. 	<ul style="list-style-type: none"> • Lay down the drain hose to floor level. • Straighten or clean the drain hose.
No water supply	<ul style="list-style-type: none"> • Tap is not turned on. • Water inlet hose is obstructed. 	<ul style="list-style-type: none"> • Restart when water supply is resumed. • Turn on the tap. • Follow instructions "cleaning the water inlet filter".
Spin function stops and water supply resumes during spin program	<ul style="list-style-type: none"> • Excessive or insufficient laundry load. • Machine is not placed on stable surface. 	<ul style="list-style-type: none"> • The machine will adjust itself automatically.
Spin function not working even when spin button is selected	<ul style="list-style-type: none"> • Top lid is open when drain function begins or when is completed. 	<ul style="list-style-type: none"> • Close the top lid.
Intermittent spin during spin function	<ul style="list-style-type: none"> • Balance laundry load for best spin results. 	<ul style="list-style-type: none"> • This is normal.
Water flows from drain hose during first use	<ul style="list-style-type: none"> • Water remnant in the tub during factory quality check and test 	<ul style="list-style-type: none"> • This is normal.

WARNING ALARM & TROUBLESHOOTING

1. WARNING ALARM

PROBLEM	POSSIBLE CAUSES	SOLUTION
Indicator water level light, wash, spin & other lights not flashing.	After filling water for 5 minutes, water does not reach the ideal level.	Open the top lid, refer to troubleshooting guide for solution, then close the top lid to clear the alarm.
	Top lid is opened during the spin process.	Close the top lid and clear the alarm.
	Water does not fill to the required level even after 50 minutes.	Open the top lid, refer to troubleshooting guide for solution, then close the top lid to clear the alarm.
Indicator water level light, spin, air- dry & other lights not flashing.	Spin is not balanced.	Open the top lid and clear the alarm.
Indicator water level light, soak & other lights not flashing.	Water exceeds the overflow level.	Drain excess water until the water level reaches the ideal water level.
Water level indicator light & other lights not flashing.	Water level sensor malfunction.	Turn off the power supply and contact your authorized technicians.

2. IMBALANCE ADJUSTMENT

- Strong vibrations may occur during spinning if laundry load is not placed equally inside the tub. This machine has an imbalance adjustment function which will activate automatically once vibration exceeds the allowed level to rectify the imbalance.

3. POWER SUPPLY IS CUT OFF AUTOMATICALLY

- If the START/PAUSE button is not activated within 10 minutes after pressing POWER, power supply will be cut off automatically.
- When washing completes, power supply will be cut off automatically.

4. MEMORY BACKUP FUNCTION

- If power supply is cut off while machine is operating, the last selected program can be memorized and continued once power supply resumes.

SPECIFICATIONS

Model	MWM-Rena 7FA
Rated Voltage / Frequency	220-240V~ 50Hz
Rated Wattage	370W
Capacity	6.0kg
Max. water pressure permitted in the water inlet	0.85Mpa
Min. water pressure permitted in the water inlet	0.03Mpa
Weight	Approx. 29kg
Dimension (mm)	547W x 563D x 920H