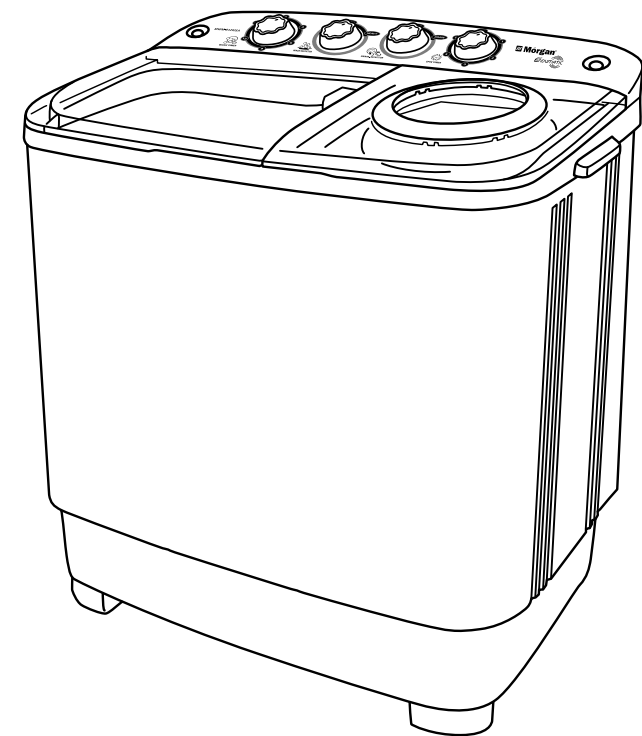


 **Mórgan[®]**

USER MANUAL



 **Mórgan[®]**



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

 facebook.com/morganappliances

Semi-Auto Washing Machine

MWM-B1290SA

SAFETY PRECAUTIONS

Be sure to comply with the following to prevent damage to body and property of you and others:



The symbol stands for "pay attention", and the picture of specific items needs attention shows in.



The symbol stands for "prohibited", and the picture of specific items prohibited shows in.

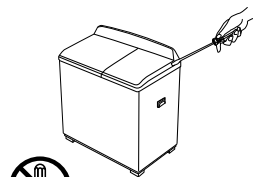


The symbol stands for "must do", and the picture of specific items must be done shows in.

WARNING

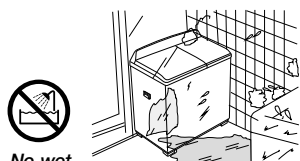
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- This appliance is for indoor use only.
- Children should be supervised to ensure that they do not play with the appliance.
- When choosing the water inflowing to wash tub or spin tub, please do not move the water inlet valve during the process of water inflowing.
- Use only the supplied new hose sets. Do not reuse old hose sets.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The openings must not be obstructed by a carpet.
- If strong vibration occurs in time of spinning, open the spin cover immediately. Make sure that the washing machine is placed on a flat and stable floor, and then adjust washing materials, distribute them evenly.
- To do spinning and draining together, please spin for 1 minute before draining.
- Do not wash or spin waterproof clothes or clothes that float easily to avoid abnormal vibration or damage to the clothes.

DO NOT dismantle/
assemble the machine.



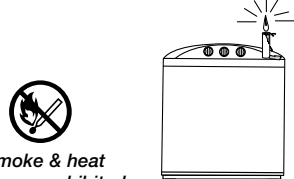
Do not
dismantle

DO NOT install machine in
damp and wet areas to prevent
electric shocks, short circuits
and damage.



No wet
areas

Do not place inflammable materials
like burning candle, mosquito
incense, cigaret etc. or heating
source like electric stove, calorifier
etc. on the machine.

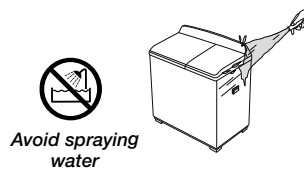


Smoke & heat
sources prohibited

SAFETY PRECAUTIONS

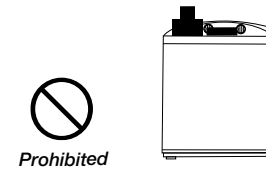
WARNING

Do not spray water directly to
the machine.



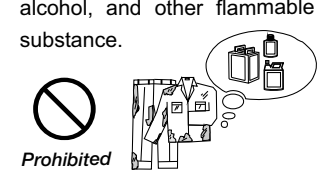
Avoid spraying
water

Never allow young children to
sit or place heavy objects on it.



Prohibited

Do not wash clothes that are
stained with kerosene, petrol,
alcohol, and other flammable
substance.



Prohibited

Ensure water inlet hose is
connected and the tap is turned
on before washing.



Do not exceed the max. water
level to avoid water overflowing
and damaging the machine.



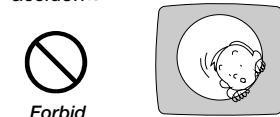
Prohibited

To avoid electric shock resulting
from electric leakage, please
connect grounding cable of the
plug properly.



Grounding

Never allow young children to
climb onto the machine or play
near it during use to avoid
accidents.



Forbid

If using warm water, ensure
water temperature does not
exceed 50°C.



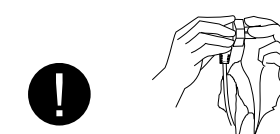
Prohibited

Do not wash down-filled coat,
raincoat or similar clothes.

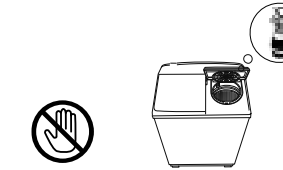


Prohibited

Always remove dirt and dust on
the power plug for maximum
contact with power supply.

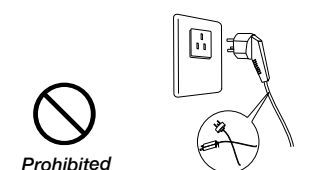


Never insert hands into the tub
during operation.



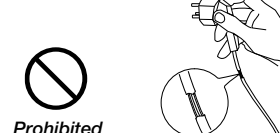
Prohibited

Do not replace power cord by
yourself.



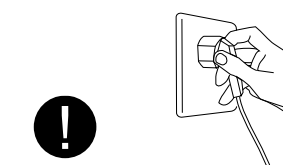
Prohibited

Do not damage the power cord
& plug to avoid electric shock,
short circuit or fire.

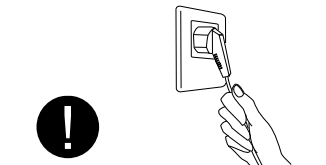


Prohibited

Insert power plug into power
supply correctly.



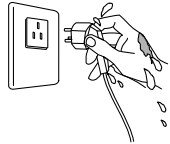
Do not pull the cord when
unplug the power plug.



SAFETY PRECAUTIONS

WARNING

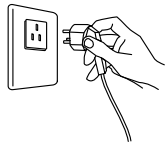
Never insert/remove the power plug with wet hands to prevent electric shocks.



Always remove power plug from power supply after every use.



Unplug The Plug



ATTENTION TO INSTALLATION

CHANGE THE POSITION OF THE DRAINAGE HOSE

The ex-factory installation position of the drainage hose is located the spin side. According to the installation site, the drain hose can also be installed at the wash side of the machine. The method is as follows:

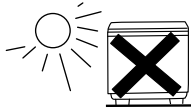
1. Unplug the power cord and empty water inside the drainage hose completely.
2. Spread a piece of soft cloth on the floor (e.g. a blanket) and place the washing machine on it gently.
3. Take the drainage hose out from the buckle at the spin side, and put it into the buckle at the wash side.
4. Hang up the drainage hose kit.

FOR LOWER DRAINAGE SYSTEM ONLY Front

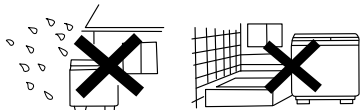
INSTALLATION SITE

In order to avoid electrical failure, discoloration and deformation, do not install the machine in the following places:

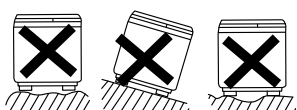
- Locations exposed to direct sunlight



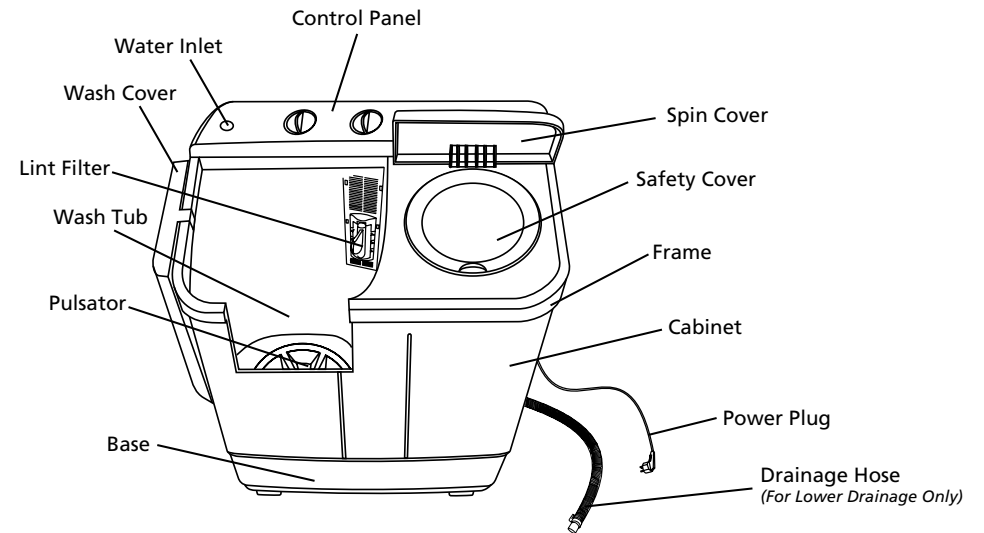
- Locations exposed to rain



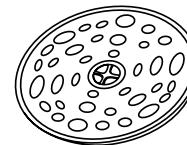
- Locations with uneven or unstable ground



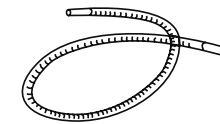
PARTS IDENTIFICATION



ACCESSORIES

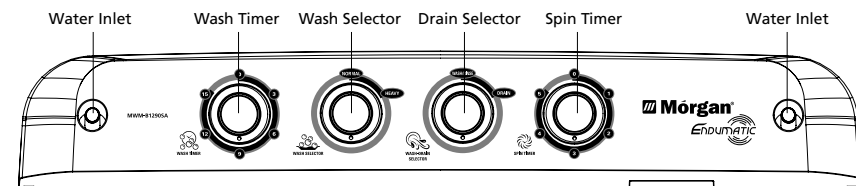


Inner Spin Cover



Water Inlet hose

CONTROL PANEL



The illustration above is for reference only. Specific illustration applies to actual models.





- **WATER INLET:** For filling water
- **WASH TIMER:** For selecting washing duration.
- **SPIN TIMER:** For selecting spinning duration.
- **WASH SELECTOR:** Select "Normal" or "Heavy" according to laundry fabric
- **DRAINAGE SELECTOR:** For upper drainage, choose "WASH" for washing, "RINSE" for rinsing; "DRAIN" for draining.
For lower drainage, choose "WASH/RINSE" for washing or rinsing; "DRAIN" for draining.

OPERATING INSTRUCTIONS

PREPARATION INSTRUCTIONS

- Plug in power plug and connect the water inlet hose.
- Lay down the lower drainage hose and connect it to the sewer.
- Ensure that there are no objects such as coins, hairpins, mud or sand in the pocket.
- Strings should be knotted in advance to prevent entanglement.
- Clothes can be classified for washing according to the texture, dirtiness and colour.
- For small pieces (e.g., stockings) or fluffy clothes, place them into a nylon net for washing.

Reference of laundry quantity corresponding to different capacities

LAUNDRY	SHIRT about 500g	UNIFORM about 650g	JEANS about 900g	JACKET about 1600g
CAPACITY				
2.0kg Capacity	about 4 pcs.	bout 3 pcs.	about 2 pcs.	about 1 pcs.
3.0kg Capacity	about 6 pcs.	about 4 pcs.	about 3 pcs.	about 1 pcs.
3.6kg Capacity	about 7 pcs.	about 5 pcs.	about 4 pcs.	about 2 pcs.
4.6kg Capacity	about 9 pcs.	about 6 pcs.	about 5 pcs.	about 2 pcs.
5.0kg Capacity	about 10 pcs.	about 7 pcs.	about 5 pcs.	about 3 pcs.
5.5kg Capacity	about 11 pcs.	about 8 pcs.	about 6 pcs.	about 3 pcs.
6.0kg Capacity	about 12 pcs.	about 9 pcs.	about 6 pcs.	about 3 pcs.
7.0kg Capacity	about 14 pcs.	about 10 pcs.	about 7 pcs.	about 4 pcs.
7.5kg Capacity	about 15 pcs.	about 11 pcs.	about 8 pcs.	about 4 pcs.
8.0kg Capacity	about 16 pcs.	about 11 pcs.	about 8 pcs.	about 4 pcs.
8.5kg Capacity	about 17 pcs.	about 12 pcs.	about 9 pcs.	about 5 pcs.
10.0kg Capacity	about 20 pcs.	about 15 pcs.	about 10 pcs.	about 6 pcs.
12.0kg Capacity	about 24 pcs.	about 18 pcs.	about 13 pcs.	about 7 pcs.

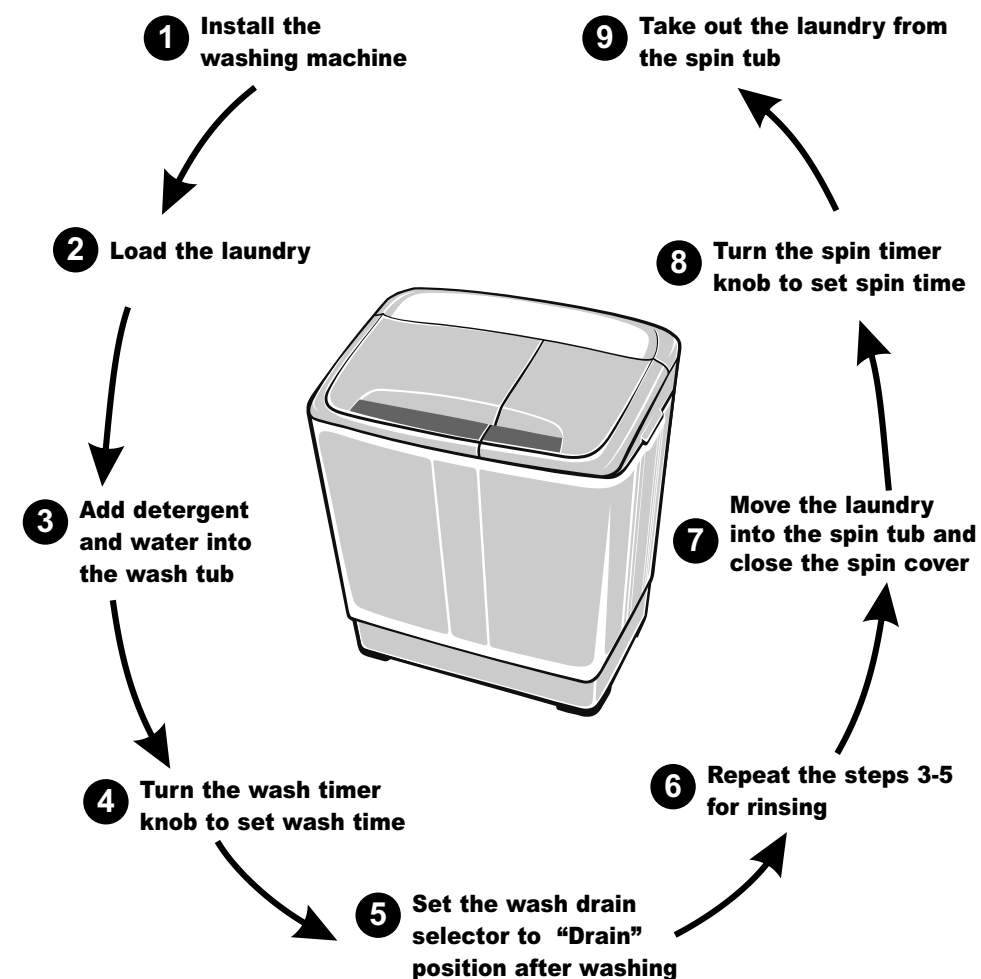
• The above figure are for reference only, specific weights are subject to actual laundry

Laundry volume and detergent dosage reference

FABRIC TYPE	LAUNDRY CAPACITY(kg)	WATER level	WATER FLOW	WASH TIME (minutes)	DETERGENT amount (g)
Synthetics, silk, Delicate fabrics	0 – 3.5	Low	Normal	3	About 39
	3.5 – 5.0	Mid		3 – 5	About 48
Cotton or linen	0 – 5.0	Mid	Normal	7	About 48
	5.0 – 9.0	High		7 – 10	About 63
Heavy soils	0 – 5.0	Mid	Heavy	10	About 48
	5.0 – 9.0	High		10 – 35 (soak 20)	About 63

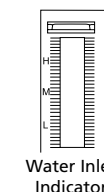
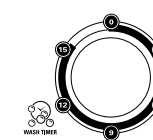
• The dosage of washing detergent varies according to dirtiness and texture of laundry.

OPERATING INSTRUCTIONS



WASHING METHOD

1. Insert the inlet hose into the water inlet, and choose injecting water to the wash tub.
2. Place the laundry into the wash tub, and add detergent into it. When filling water to half of the water level, turn off the water tap and let laundry soak in the detergent for a few minutes, then fill water to desired water level.
3. Set wash program to "Normal" or "Heavy" according to load and laundry type.
4. Turn the wash timer knob to select wash duration.
5. After washing, set the wash drainage selector to "Drain" to drain out the water.



Water Inlet Indicator

OPERATING INSTRUCTIONS

RINSING METHOD

A. Spraying rinse (rinse in the spin tub)

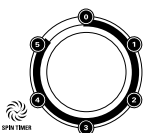
- ① Place the laundry into the spin tub after washing.
- ② Turn on the water tap, choose to fill water into the spin tub for 3-4 minutes, and then turn off the water tap.
- ③ The above steps can be repeated.
- ④ Set the spin timer for 2-5 minutes for rinsing.

NOTE:

- ① If there are rust sediments in the water, do not choose spraying rinse to avoid rust from staining laundry.
- ② Ensure that water does not fill the tub during spinning.

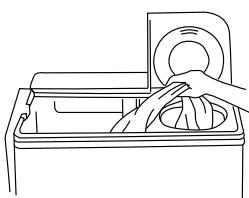
B. Common rinse (rinse in the wash tub)

- ① To save time, water and energy, do pre-spinning before rinsing.
- ② Place laundry which have already been spun into the wash tub.
- ③ After filling water to the desired level, turn off the water tap.
- ④ Turn the "Wash selector" knob to "Normal" or "Heavy".
- ⑤ Set the "wash timer" to the desired time (about 3-5 minutes) for rinsing.
- ⑥ After rinsing, put the washing materials into the spin tub to spin for 1 to 5 minutes.
- ⑦ Drain remaining water inside the wash tub.
- ⑧ The above steps can be repeated.

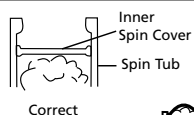


SPINNING METHOD

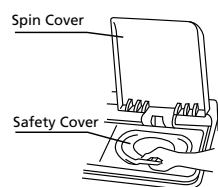
1. Shake out the laundry and put them into the spin tub.



2. Place the inner spin cover on the laundry. Ensure that the inner spin cover is placed horizontally.

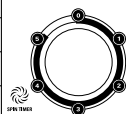


3. Close the safety cover and the spin cover.



4. Refer to the following table to select spinning time.

WASHING MATERIALS	SPIN TIME
Silk	About 50 seconds
Light clothes (fiber/blended)	About 1 minute
Knitwear (fiber)	About 1 – 2 minutes
Underwear (cotton)	About 2 – 3 minutes
Slipover (cotton/linen)	About 3 – 4 minutes
Toweling coverlet (cotton)	About 5 minutes

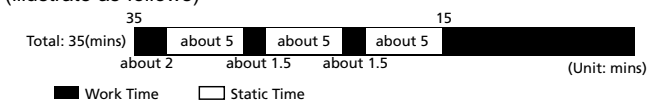


OPERATING INSTRUCTIONS

SPECIAL FEATURES

A. SOAK FUNCTION (For machines with soak function only)

For heavy stained clothes, Soak wash is useful to achieve better wash result. 15-35 minutes of the wash timer is for soak wash: (illustrate as follows)



This machine can wash blended blanket (less than 3 kg) marked with the "hand washing" symbol. Washing method is as follows:

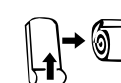
- ① Dilute detergent with adequate water (below 50°C), then pour the solution into the wash tub.
- ② Fold the blanket as shown in the figure, and put it into wash tub.



- Fold in half along the long edge



- 1/3 fold in the same direction



- Roll up the blanket



- Put into the tub with blanket edge facing down

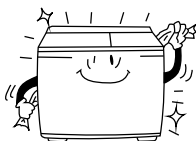
B. BUZZER FUNCTION (For machines with buzzer function only)

The buzzer will sound upon with completion of every wash and for controlling certain wash process.
 1. The buzzer will sound when washing completes.

MAINTENANCE

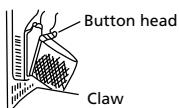
CABINET MAINTENANCE

After using the washing machine, wipe the moisture and stain on it with a piece of soft cloth. To avoid damage to the surface, do not use corrosive or volatile chemicals.



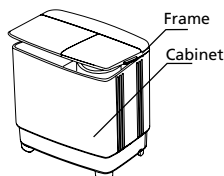
CLEANING THE LINT FILTER

- Press the button head, and pull the lint filter out.
- Turn the filter net inside out, and rinse it in water.
- After inserting the claw, press the button to insert it into place.
- A sound of “ba” means proper installation.



WHEN OBJECTS ARE DROPPED INTO THE OUTSIDE OF THE SPIN TUB

1. Remove all screws on the frame with a screw driver and loosen the connector of the brake belt.
2. Pull up the frame with both hands and turn it backwards.
3. Remove the clothes dropped into the outside of the spin tub.
4. Fasten the brake belt connector. Press the frame to reset and tighten screws.



After you use the washing machine, never forget to do the following two things:

1. Disconnect the power plug.
2. Remove the water inlet hose.

NOTE:

The washing machine employs alternative current with rated voltage and frequency . When voltage fluctuates between -10% and 10% of the rated voltage, the machine can work normally.

Connection mode of the power cord of this machine is Y-shaped connection. Users should not detach or reconnect the wire by themselves. If this part needs to be repaired, please contact your authorised service center.

- This machine is for cold water connection only. Do not connect to hot water supply.
- Always unplug power plug from the power supply after every use.
- Always use a properly grounded power plug.
- The maximum gradient of the supporting surface for the washing machine should not exceed 2°.
- Do not tear down electrical wires and components in the machine by yourself.
- There are holes on the base for ventilation. These holes should not be blocked by foreign objects (carpets, etc.).
- Never connect the grounding wire with the live wire, or it may lead to an electric shock.
- If the power cord is damaged, it must be replaced by a qualified person to avoid a hazard.

TROUBLESHOOTING

If the following symptoms occur, disconnect the power plug and perform the following checks:

LIST OF SYMPTOMS AND REASONS

SYMPTOMS	REASONS
THE WASHING MACHINE DOES NOT WORK.	<ul style="list-style-type: none"> • Ensure that the power supply is in good condition. • Ensure that the power plug is inserted properly. • Ensure that the wash timer knob or the spin timer knob is not in the "0" position.
THE DRAINAGE HOSE DOES NOT WORK	<ul style="list-style-type: none"> • Ensure that the drainage hose is not laid too high. • Ensure that the drainage hose is not blocked by foreign matter.
THERE IS ABNORMAL NOISE DURING WASHING	<ul style="list-style-type: none"> • Ensure that there are no coins or any other foreign objects in the wash tub.
THERE IS ABNORMAL NOISE AND VIOLENT VIBRATION DURING SPINNING	<ul style="list-style-type: none"> • Ensure that the washing machine is placed on flat, stable floor. • Ensure that clothes are evenly distributed in the spin tub. • Ensure laundry inside spin tub is not overloaded or laundry fallen to the outer side of the spin tub.

TECHNICAL SPECIFICATIONS

	WASH				SPIN	
Capacity (dry clothes)	9.0kg				4.6kg	
Power Supply	240V~ 50Hz					
Input Power (lower drain)	370W				135W	
Input Power (upper drain)	370W				135W	
Maximum Time	15min.	35min. (soak wash)			5min.	
Water Volume (Litre)	HI: 63	H: 58	M: 48	L: 39	/	
Maximum Water Pressure	0.6Mpa					
Overall Dimension (mm)	827L x 485D x 865H					
Net Weight	Lower Drain System				21kg	
	Upper Drain System				21.5kg	
Pump Input Power	30W					