DAEWOO

Service Manual

Auto Washer

Model : DWF-600M

DAEWOO ELECTRONICS CO., LTD.

1. SPECIFICATIONS

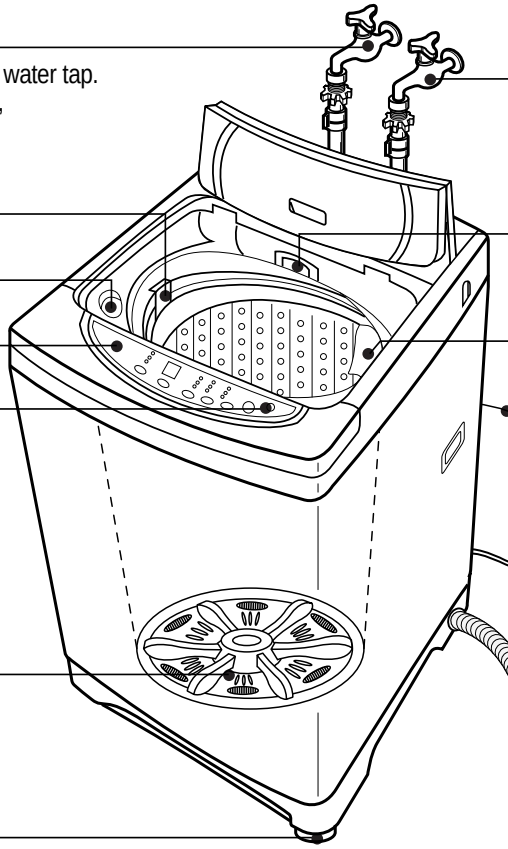
NO.	ITEM		DWF-600M			
1	POWER SOURCE		AVAILABLE IN ALL LOCAL AC VOLTAGE			
2	POWER CONSUMPTION	50Hz	320W			
		60Hz	300W(110~127V) / 340W(220V)			
3	MACHINE WEIGHT	NET	28.5kg/29kg(pump)			
		GROSS	32kg/32.5kg(pump)			
4	DIMENSION (WXHXD)		525X858X535			
5	MATERIAL OF INTERNAL TUB		STAINLESS STEEL			
6	WASHING PROGRAM		FULL AUTOMATIC 6 PROGRAMS (FUZZY, FUZZY+SOAK, HEAVY, HEAVY+SOAK, SPEEDY, WOOL/SUIT)			
7	WATER LEVEL SELECTOR		HIGH(55ℓ), MID(45ℓ), LOW(31ℓ)			
8	OPERATING WATER PRESSURE		0.3kgf/cm^2~8kgf/cm^2 (2.94 N/cm^2~78.4N/cm^2)			
9	MAXIMUM MASS OF TEXTILE		6.0kg			
10	REVOLUTION PER MINUTE	WASH	125~145(50Hz), 130~150(60Hz)			
		SPIN	710~725(50Hz), 760~785(60Hz)			
		SUIT	50(50Hz), 60(60Hz)			
11	WATER CONSUMPTION		APPROX. 130ℓ/CYCLE			
12	WATER LEVEL CONTROL		ELECTRONICAL SENSOR			
13	ANTI NOISE PLATE		OPTION			
14	GEAR MECHANISM ASS'Y		SPUR GEAR			
15	LINT FILTER		O			
16	SOFTENER INLET		O			
17	ALARM SIGNAL		O			
18	AUTO. WATER SUPPLY		O			
19	FUNCTION FOR BUBBLE		OPTION			
20	AUTO RE-FEED WATER		O			
21	AUTO POWER OFF		O			

2. STRUCTURE OF THE WASHING MACHINE

The parts and features of your washer are illustrated on this page.
Become familiar with all parts and features before using your washer.

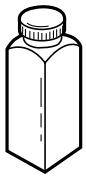
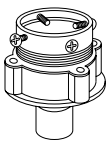
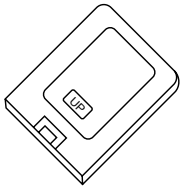
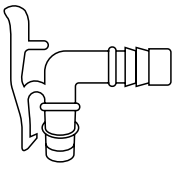
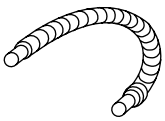
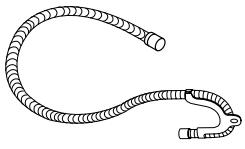
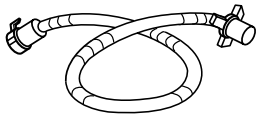
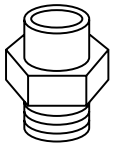
NOTE

- The drawing in this book may vary from your washer model. They are designed to show the different features of all models covered by this book, Your model may not include all features.
- Page references are included next to same features.
  Refer to those pages for more information about the features.



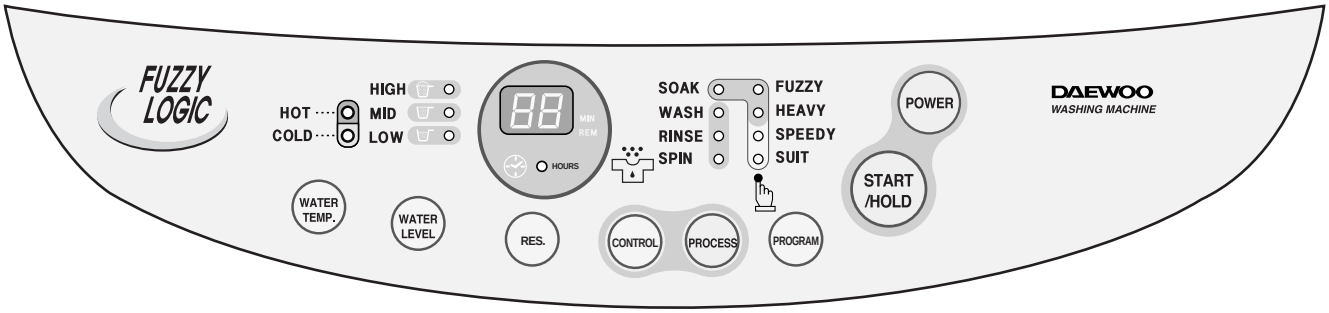
- HOT WATER TAP
  After using the washer, close the water tap.
  In case of the single valve model,
  there is no hot water valve.
- SOFTENER INLET
- BLEACH INLET
- CONTROL PANEL
- POWER SWITCH
- PULSATOR
- ADJUSTABLE LEG
- COLD WATER TAP
  After using the washer,
  close the water tap
- DETERGENT CASE
- LINT FILTER
- GROUND WIRE
  In case of 3-wire power cord, ground wire will not be provided
- POWER CORD
- DRAIN HOSE

Accessories

DRYTEN(OPTION)	HOSE ADAPTER	UNDER COVER(OPTION)	HOSE CONNECTOR(OPTION)
	 In case of screw shaped inlet hoses water tap adapters will not be provided.		
DRAIN HOSE		INLET HOSE(OPTION)	CONNECTOR INLET(OPTION)
 NON PUMP MODEL	 PUMP MODEL		

3. FUNCTIONS OF THE CONTROL PANEL

Control panel has micom sensor.
As the buttons are pressed, the lamps indicating the selection of your desired washing program will light up.



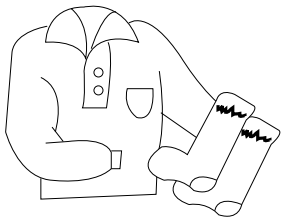
POWER	• Press this switch to turn the power on or off.
WATER TEMP.	• It can be used to choose water temperature to be supplied. • As the button is pressed, water temperature will be repeated. COLD → COLD+HOT → HOT • In case of the single valve model, there is no wash temperature selector function.
WATER LEVEL	• It can be used to adjust amount of water according to the size of the load to be washed. • As the button is pressed, water level is selected by MID → HIGH → LOW
RES.	• It can be used to pre-engage time for wash.
PROCESS	• It is the button for the partial process or the combination of each process (wash, rinse, spin) (See page 7)
CONTROL	• If you want to change wash time, rinse times, spin time, you must press this button after selecting each process by the process button. Also, this button can be used to spin only. (See page 7)
PROGRAM	• It can be used to select the full-automatic program. • As the button is pressed, program will be selected by following order : FUZZY → FUZZY+SOAK → HEAVY → HEAVY+SOAK → SPEEDY → SUIT(WOOL)
START /HOLD	• Operation and temporary stop is repeated as it is pressed. • When you want to change program in operating; press the “START/HOLD” button → Select the program that you want to change → press the “START/HOLD” button again.

4. WASHING PROCEDURE AND PROGRAM SELECTION

§ Full Automatic Program

1. FUZZY PROGRAM (SENSOR);

- This selection is for general washing except extraordinary clothes.
- Artificial brain sensor selects properly the various kind of washing condition such as washing time, rinse times, spin time and water level. Procedure to press the button;

① Put in the clothes	② Press the power switch.	③ Press the Start/Hold button, and close the lid.
		

2. HEAVY PROGRAM;

- This selection is effective for blue-jean, climbing clothes, rucksack, sports wear etc..
- Procedure to press the button;

① Press the power switch.	② Press the program selection button for “HEAVY”	③ Select the water level proper to the wash load.	④ Press the Start/Hold button and close the lid.
	§ *FUZZY* § *HEAVY* § *SPEEDY* § *WOOL/SUIT* 	§ *HIGH* § *MID* § *LOW* 	

3. SPEEDY PROGRAM;

- This selection is useful to reduce water consumption and washing time for less dirty clothes. Procedure to press the button;

① Press the power switch.	② Press the program selection button for “SPEEDY”	③ Select the water level proper to the wash load.	④ Press the Start/Hold button and close the lid.
	§ *FUZZY* § *HEAVY* § *SPEEDY* § *WOOL/SUIT* 	§ *HIGH* § *MID* § *LOW* 	

4. SUIT(WOOL) PROGRAM;

- This selection is effective for suit/wool clothes. (1.2kg's limitation for 1-time wash)
- Do not put leather clothes, or chamios clothes into the washing tub for washing. It may cause shrinkage or deformation to the clothes.
- Please use the neutral detergents only.
- The water temperature is fixed to "COLD".
- The water level "LOW" is not selected. Procedure to press the button;

① Press the power switch.	② Press the program selection button for "WOOL" or "SUIT".	③ Select the water level proper to the wash load.	④ Press the Start/Hold button and close the lid.
	§ *FUZZY* § *HEAVY* § *SPEEDY* § *WOOL/SUIT* 	§ *HIGH* § *MID* § *LOW* 	

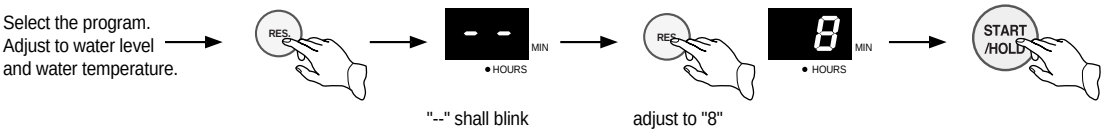
5. SOAK PROGRAM;

- This selection is effective for heavily soiled clothes.
- If you want to soak, press the program button to adjust to "FUZZY + SOAK" or "HEAVY + SOAK". Precedure to press the button;

① Press the power switch.	② Press the program selection button for "SOAK"	③ Select the water level proper to the wash load.	④ Press the Start/Hold button and close the lid.
	*SOAK* § § *FUZZY* *WASH* § § *HEAVY* *RINSE* § § *SPEEDY* *SPIN* § § *WOOL/SUIT* 	§ *HIGH* § *MID* § *LOW* 	

§ Reserved Washing

- Reservation can be made from 2 hours to 48 hours.
- To make reservation to complete washing in 8 hours.



"--" shall blink adjust to "8"

- Now the reservation is made.
- If you want to check the selected program, press the “START/HOLD” button again.

§ Partial Process & Combination

POWER	
PROCESS → CONTROL	***WASH TIME CONTROL*** • As the control button is pressed, wash time will be repeated as following; 12 → 15 → 18 → 0 → 6 → 9min. • If you don’t want wash process, you must adjust wash time to 0 min..
PROCESS → CONTROL	***RINSE TIMES CONTROL*** • As the control button is pressed, rinse times will be repeated as following; 2 → 3 → 4 → 0 → 1 time(s) • If you don’t want rinse process, you must adjust rinse times to 0 times.
PROCESS → CONTROL	***SPIN TIME CONTROL*** • As the control button is pressed, spin times will be repeated as following; 5 → 7 → 9 → 0 → 1 → 3 min. • If you don’t want spin process, you must adjust spin time to 0 min..
START /HOLD	

§ Convenient Operation For Spin Only

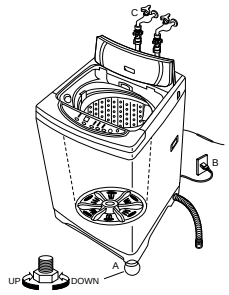
- If you want spin oly, it is convenient to operate the button as following;

5. DIRECTIONS FOR INSTALLATION AND USE

§ Location Of Washer

Check location where washer will be installed. Make sure you have everything necessary for correct installation. Proper installation is your responsibility.

- Do not place or store your washer below 0˚C(32˚F) to avoid any damage from freezing.
- Install the washer on the horizontal sold foor.



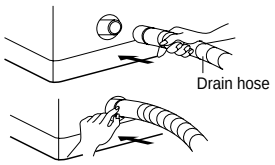
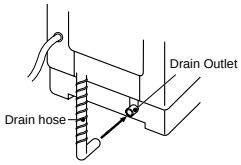
If the washer is installed on an unsuitable floor, it could make considerable noise, vibrate and cause a malfunction.
If washer is not level, adjust the front leg(A) up or down for horizontal setting.

- Earthed electrical outlet(B) is required with 20cm of bottom back of washer cabinet.
- Hot and cold water faucets (C) must be within 1M of the upper back of the washer cabinet and provide water pressure 0.3kgf/cm^2-8kgf/cm^2(2.94N/cm^2-78.4N/cm^2).

§ Drain System

Never forget to install drain hose before operating your washer.
The packing box is opened, there are a drain hose.

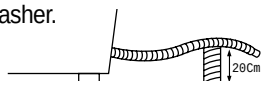
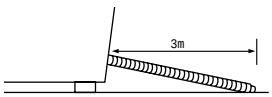
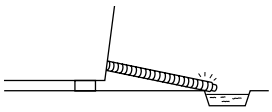
- Conect the drain hose to the drain outlet at the back side of the washer.

Non-Pump Model	Pump Model
	

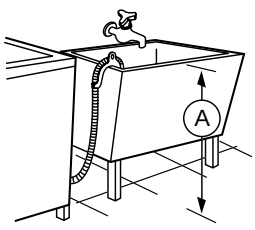
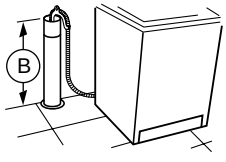
NOTES

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

Non-Pump Model

① In case that it goes over a door sill. Don't let the height of the drain hose exceed 20cm from the bottom of washer.	② In case of extending the drain hose. Don't let the total length exceed 3m.	③ Be careful that the end of the drain hose is not immersed in water.
		

Pump Model

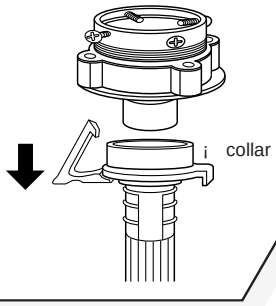
Laundry tub drain system	Standpipe drain system
• Top of tub must be at least 86cm (34inches) high and no higher than 130cm from bottom of washer (A) 	• Needs a 3cm minimum diameter standpipe with minimum carry away capacity of 30liters per minute. • Top of tub must be at least 86cm(34inches) high and no higher than 130cm from bottom of washer (B) 

§ How to Connect the Inlet Hose

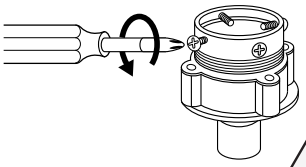
Be careful not to mistake in supplying between the hot(maximum : 50˚C) and cold water.
In using only one water tap or in case of attached one water inlet valve, connect the inlet hose to the cold water inlet valve.
Do not over tighten : this could cause damage to couplings.

• • • • FOR ORDINARY TAP

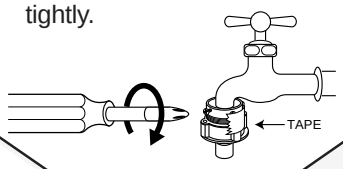
1 Pull down the collar of the inlet hose to separate it from the water tap adapter.



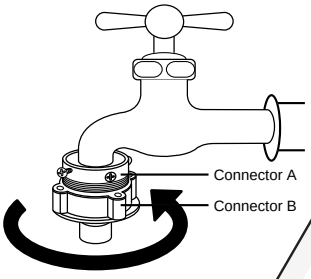
2 Loosen the four screws at the water tap adapter, but don't loosen the screws until they are separated from the water tap adapter.



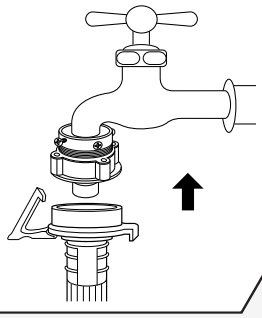
3 Connect the water tap adapter to the water tap and tighten the four screws evenly while pushing up the adapter so that the rubber packing can stick to the water tap tightly.



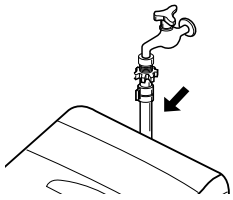
4 Remove the tape, and screw connector B into connect A tightly.



5 Connect the inlet hose to the water tap adapter by pulling down the collar of the hose end.



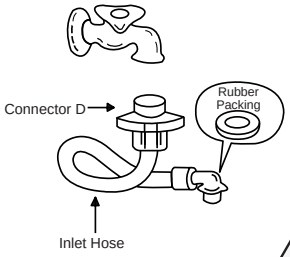
6 Connect the inlet hose adapter of the hose to the water inlet of the washer by turning it clock-wise to be fixed tightly.



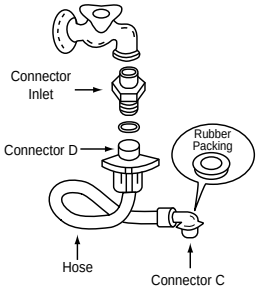
• Please check the rubber packing inside the inlet hose adapter of the hose.

• • • • FOR SCREW-SHAPED TAP

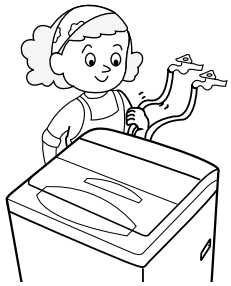
1 Connect the inlet hose to the water tap by screwing the con-nector D tightly.



2 Connect the connec-tor-inlet supplied if necessary.



3 Insert the inlet hose adapter into the water inlet of washer and turn it to be fixed.

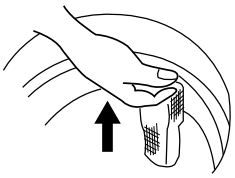


• Assert the packing in the inlet

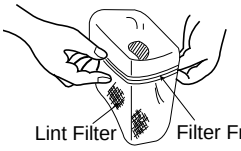
§ How To Clean The Filter

• • • • CLEANING THE LINT FILTER

1 Pull the Filter frame upward.



2 Turn the lint filter inside out, wash the lint off with water.



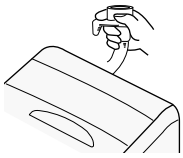
3 Return the filter as it was, and insert the filter frame into the slot.

• • • • CLEANING THE WATER INLET FILTER

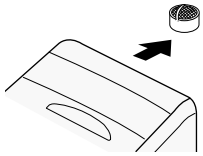
• Clean the filter when water leaks from the water inlet.

1 Pull the power plug out before cleaning it.

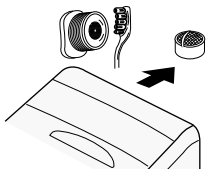
2 Turn off the water supply to the washer and separate the inlet hose.



3 Pull the inlet filter out.



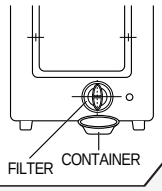
4 Remove the dirt from the inlet filter with a brush.



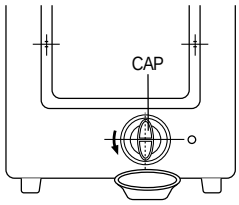
• • • • CLEANING THE DRAIN FILTER

• In case of “U” shaped drain hose, this filter’s equipped at the back side of washer.
• This drain filter is to screen the foreign stuffs such as threads, coins, pins, buttons etc ..
• If the drain filter is not cleaned at proper time (every 10 times of use), drain problem could be caused.

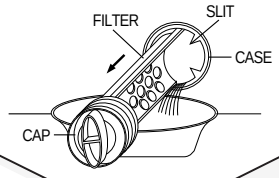
1 Put down the remained water in the hose. And put a container under the filter to collect water.



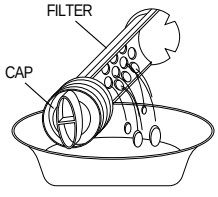
2 Turn the cap counter-clockwise.



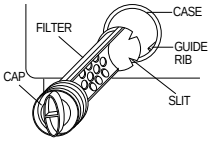
3 Pull out the filter assembly off the case of the main body.



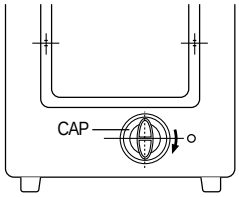
4 Clean the drain filter removing the foreign stuffs.



5 Put in the filter along the guiding prominence of the case. Please note the left position of the filter adjusting the groove to the guide rib.



6 Turn the cap clockwise tightly.



6. FEATURE AND TECHNICAL EXPLANATION

Feature of the Washing Machine

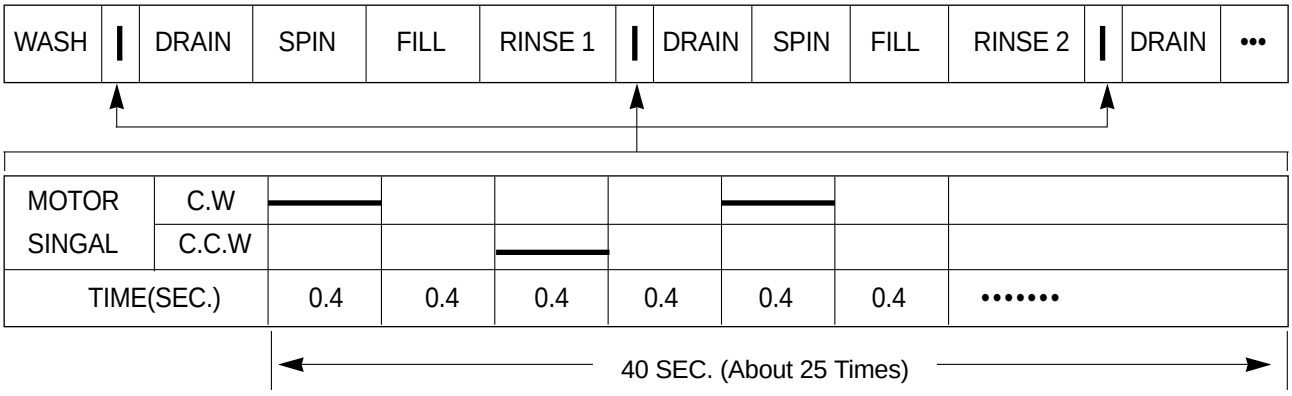
① The first air bubble washing system in the world.
② Quiet washing through the innovational low-noise design.
③ The wash effectiveness is much more enhanced because of the air bubble washing system.
④ The laundry detergent dissolves well in water because of the air bubble washing system.
⑤ The adoption of the water currents to adjust the unbalanced load.
⑥ One-touch operation system.

Water Current to Adjust the Unbalanced Load

It is a function to prevent eccentricity of the clothes after wash by rotating pulsator C.W and C.C.W for 35 seconds.(But, the SUIT course have no operation of the water currents to adjust the unbalnced load.)

EFFECT
It reduces vibration and noise effectively while spinning.

WATER FLOW



* When the water level is “HIGH”

Automatic Water Supply System

The water level would be lowered because the clothes absorbs water at the beginning of washing. Therefore, after 60 seconds, the operation is interrupted to check the water level, and then the water is supplied again until the selected water level is reached.

Automatic Drainning time Adjustment

This system adjusts the draining time automatically according to the draining condition.

Draining condition	Good draining	The washer begins spin process after drainage.
	Bad draining	Draininig time is prolonged.
	No draining	Program is stopped and gives the alarm.

FUNCTIONAL PRINCIPLE

① The micom can remember the time from the begining of drain to reset point when the pressure switch reaches to "OFF" point

Drain Time	Movement of the Program
Less than 10 minutes	Continue draining
More than 10 minutes	Program stops and gives the alarm with dE blinked on display lamp.

② In case of continuous draining, residual drain time is determined by micom.
Draining time as a whole = D + 40
D: Residual drain time.
40: The time remembered by micom.

Softener Dispenser

This is the device to dispense the softener automatically by centrifugal force.
This is installed inside the auto-balancer.

FUNCTIONAL PRINCIPLE

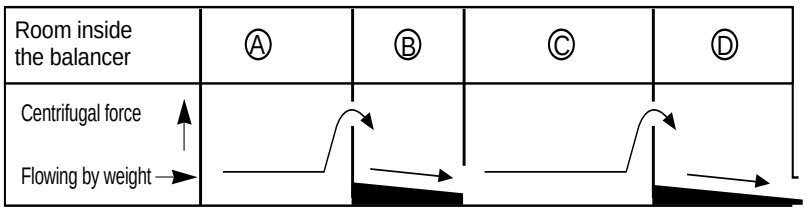
1. Softener stays in room (A) when poured into softener inlet.
2. Softener moves from (A) to (B) by centrifugal force during intermittent spin process.
3. Softener flows from (B) to (C) during rinse process next to intermittent spin.
4. Softener moves from (C) to (D) by centrigfugal force during second intermittent spin.

After spin process is finished, the softener is added into the tub through softener outlet.

FLOW OF THE SOFTENER

	Wash	Intermittent Spin	Hold	Intermittent Spin	Rinse	Spin
Normal Program	Centrifugal force (A) → (B)		Flow in (C)	Centrifugal force → (D)	Flow in →	———

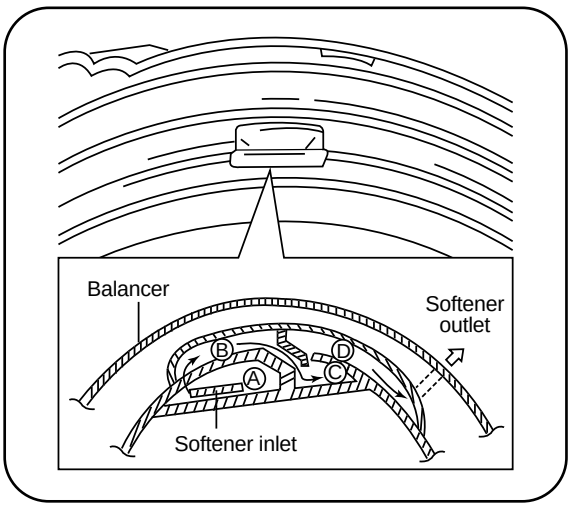
FLOW OF THE SOFTENER INSIDE OF THE BALANCER



NOTES Softener moves into the next room when r.p.m of the tub is more than 100 r.p.m.

HOW TO CHECK MOVEMENT

Pour a reasonable amount of “MILK” into softener dispenser and operate the washer with no load. In final rinse cycle, make sure that the milk is added into the tub through softener outlet.



Automatic Unbalance Adjustment

This system is to prevent abnormal vibration during intermittent spin and spin process.

FUNCTIONAL PRINCIPLE

① When the lid is closed, the safety switch contact is “ON” position.
② In case that wash loads get uneven during spin, the outer tub hits the safety switch due to the serious vibration, and the spin process is interrupted.
③ In case that P.C.B. ASS’Y gets “OFF” signal from the safety switch, spin process are stopped and rinse process is started automatically by P.C.B. ASS’Y.
④ If the safety switch is operated due to the unbalance of the tub, the program is stopped and the alarm is given.

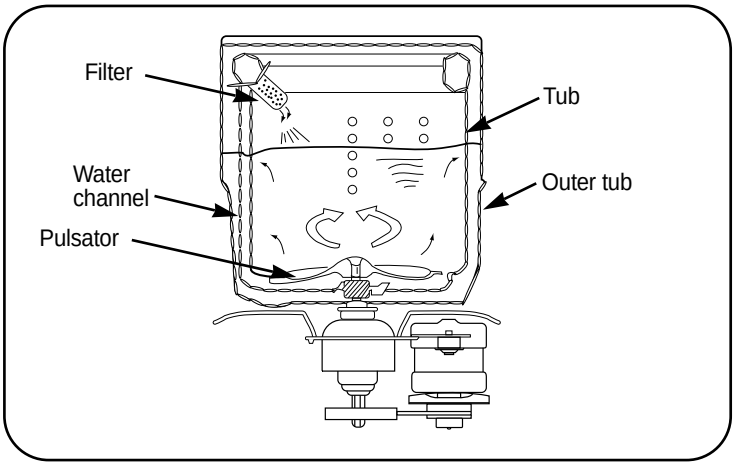
NOTES

The alarm finished when you close the lid after opening it. Check the unbalance of the wash load and the installation condition.

Circulating-Water

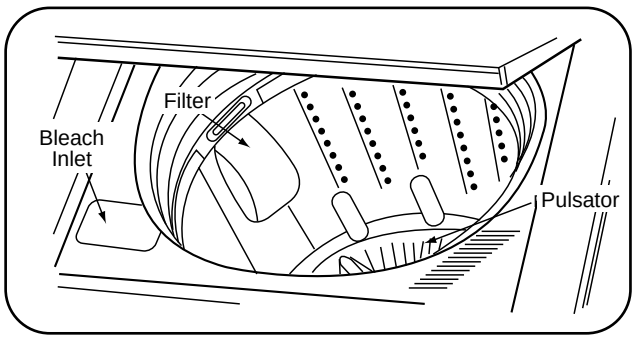
CIRCULATING-WATER

The washing and rinsing effects have been improved by adopting the water system in which water in the tub is circulated in a designed pattern.
When the pulsator rotates during the washing or rinsing process, the water below the pulsator vanes creates a water currents as shown in figure.
The water is then discharged from the upper part of the tub through the water channel. About 40 L/min. water is circulated at the ‘high’ water level, standard wash load and standard water currents.



Lint Filter

Much lint may be obtained according to the kind of clothes to be washed and some of the lint may also sticks to the clothes.
To minimize this possibility a lint filter is provided on the upper part of the tub to filter the wash water as it is discharged from the water channel. It is good to use the lint filter during washing.



HOW TO REPLACE LINT FILTER

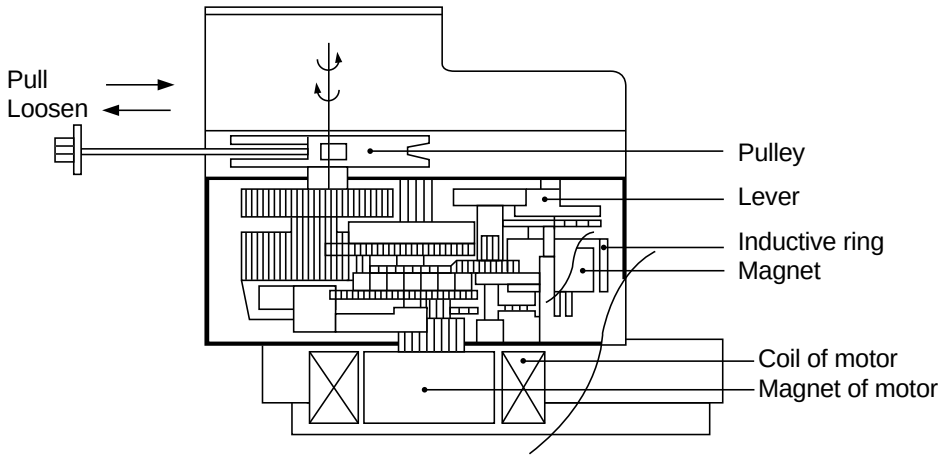
① Pull the filter frame upward.
② Turn the lint filter inside out, and wash the lint off with water.
③ Return the filter as it was, and fix the filter frame to the slot.

Residual Time Display

When the START/HOLD button is pressed, the residual time (min.) is displayed on the time indicator, and it will be counted down according to process.
When operation is finished, the TIME INDICATOR will light up  .

Drain Motor

STRUCTURE

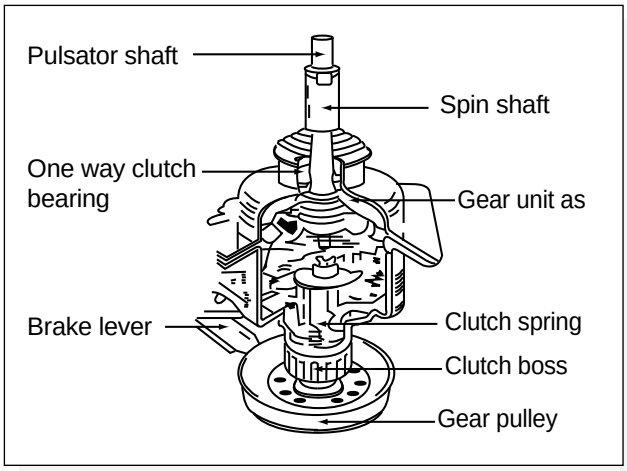


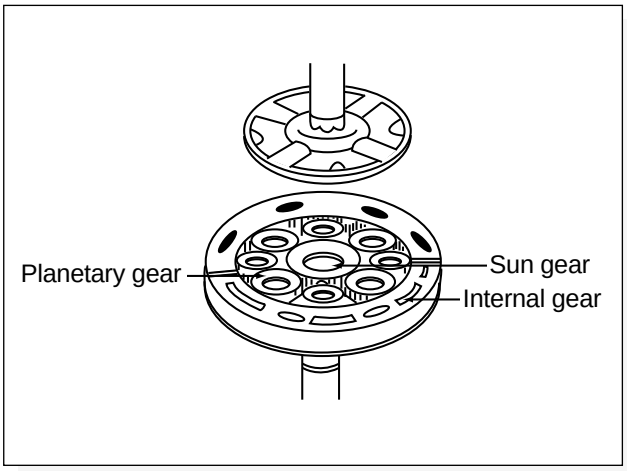
FUNCTIONAL PRINCIPLE

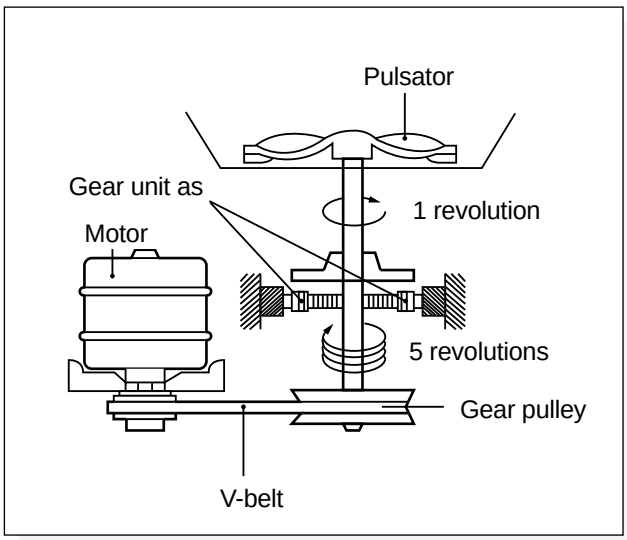
① When the DRAIN MOTOR connected to the power source, the DRAIN MOTOR rotates with 900 r.p.m and revolves the pulley by gear assembly for reducing.
② When the pulley is rotated, the pulley winds the wire to open the drain valve.
③ Therefore, rotation of pulley changed to the linear moving of wire.
④ The wire pulls the brake lever of Gear Mechanism Ass'y within 5 seconds.
⑤ After the wire pulled, gear assembly is separated from motor and condition of pulling is held by operation of the lever.
⑥ When the power is turned off, the drain valve is closed because the wire returns to original position.

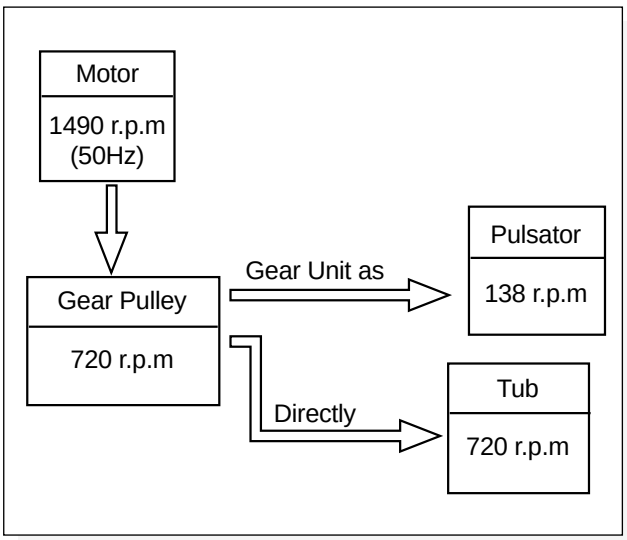
Gear Mechanism Ass'y

The proper water currents is made by the rotation of pulsator at a low speed to prevent the damage to the small sized clothes.



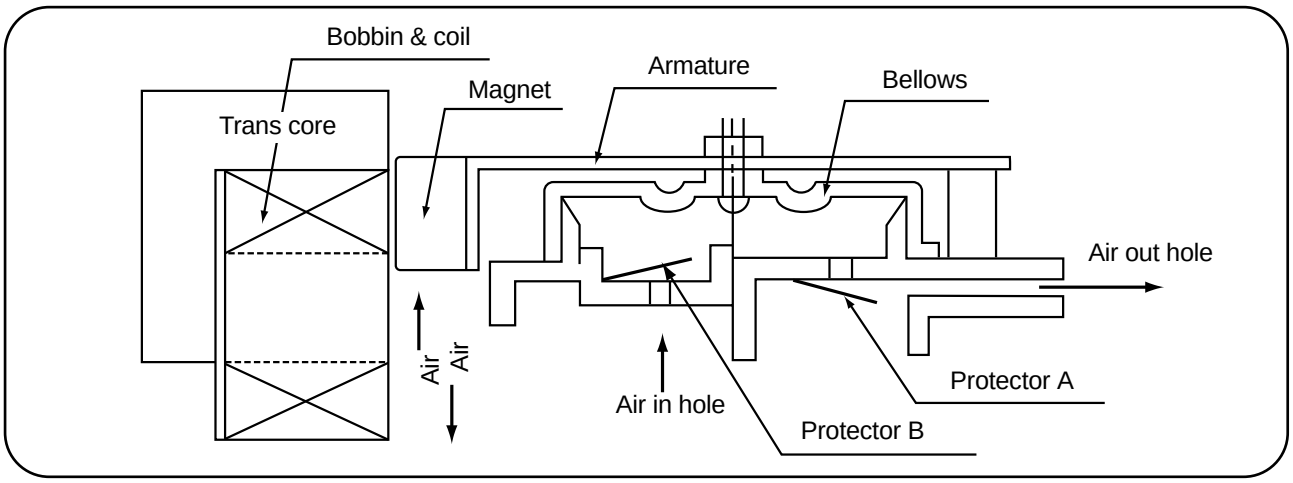






Principle of Bubble Generator

STRUCTURE



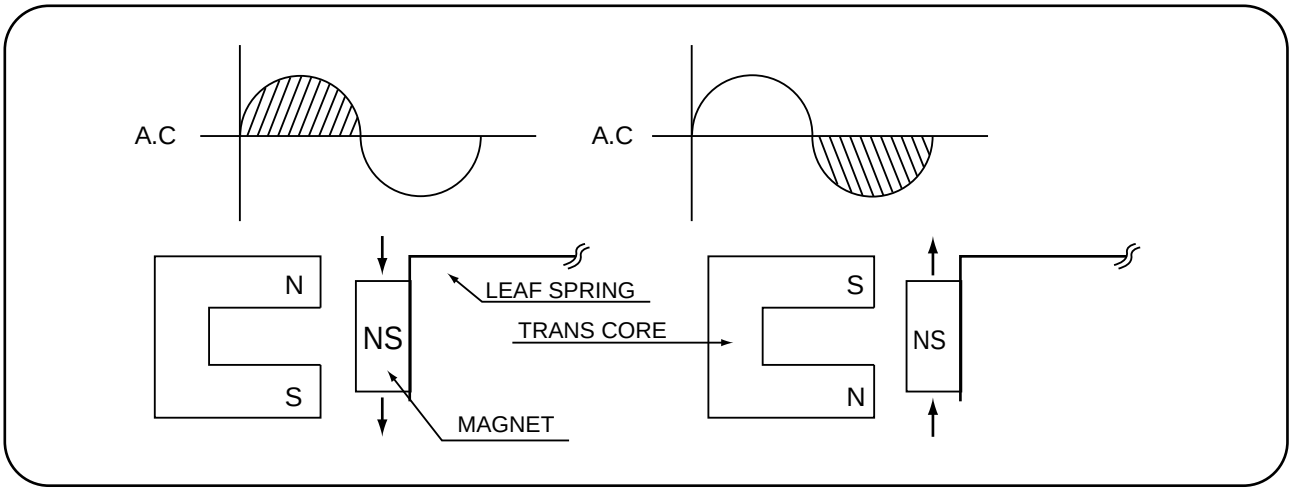
PRINCIPLE OF INTAKE & OUTLET OF THE AIR

INTAKE : ARMATURE moves up, and BELLOWS inhales the air. At the same time, protector B is open and A is close.

OUTLET : ARMATURE moves down, and BELLOWS exhausts the air. At the same time, protector B is close and A is opend.

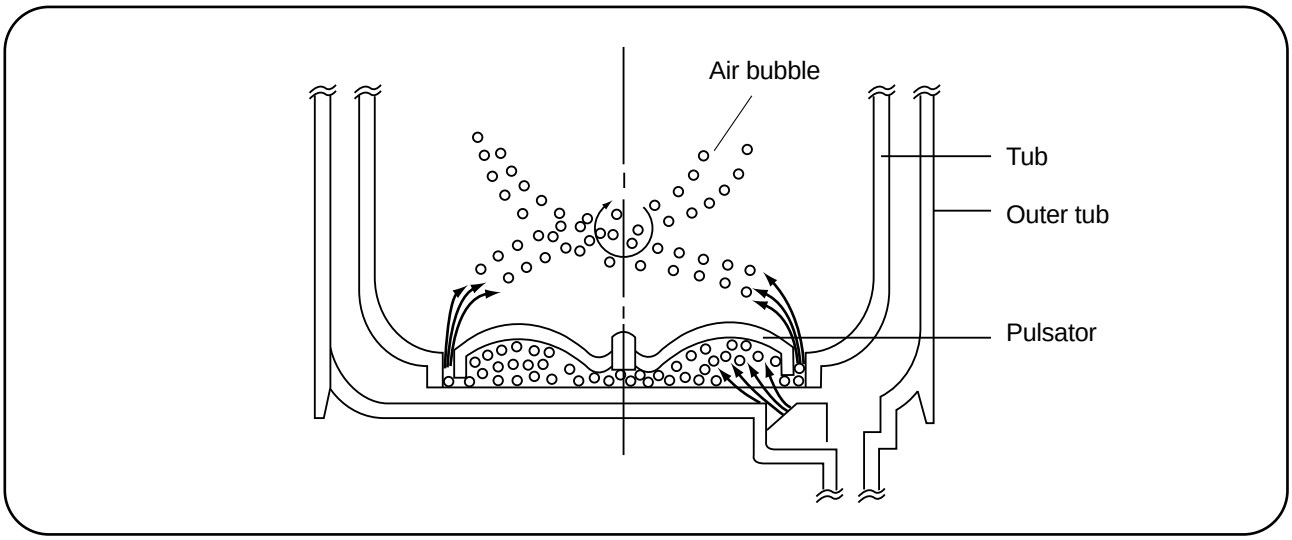
FUNCTIONAL PRINCIPLE OF TRANS & MAGNET

- ¡ The phase of A.C electric power changes to 60 cycle/second.
- ¡ The magnetic pole of trans core is changed by the change of the phase of A.C electric power.
- ¡ The core repeats push and pull (3600 times/min.) of the armature magnet.



Functional Principle of Bubble Washing Machine

ACROSS SECTION



FUNCTIONAL PRINCIPLE

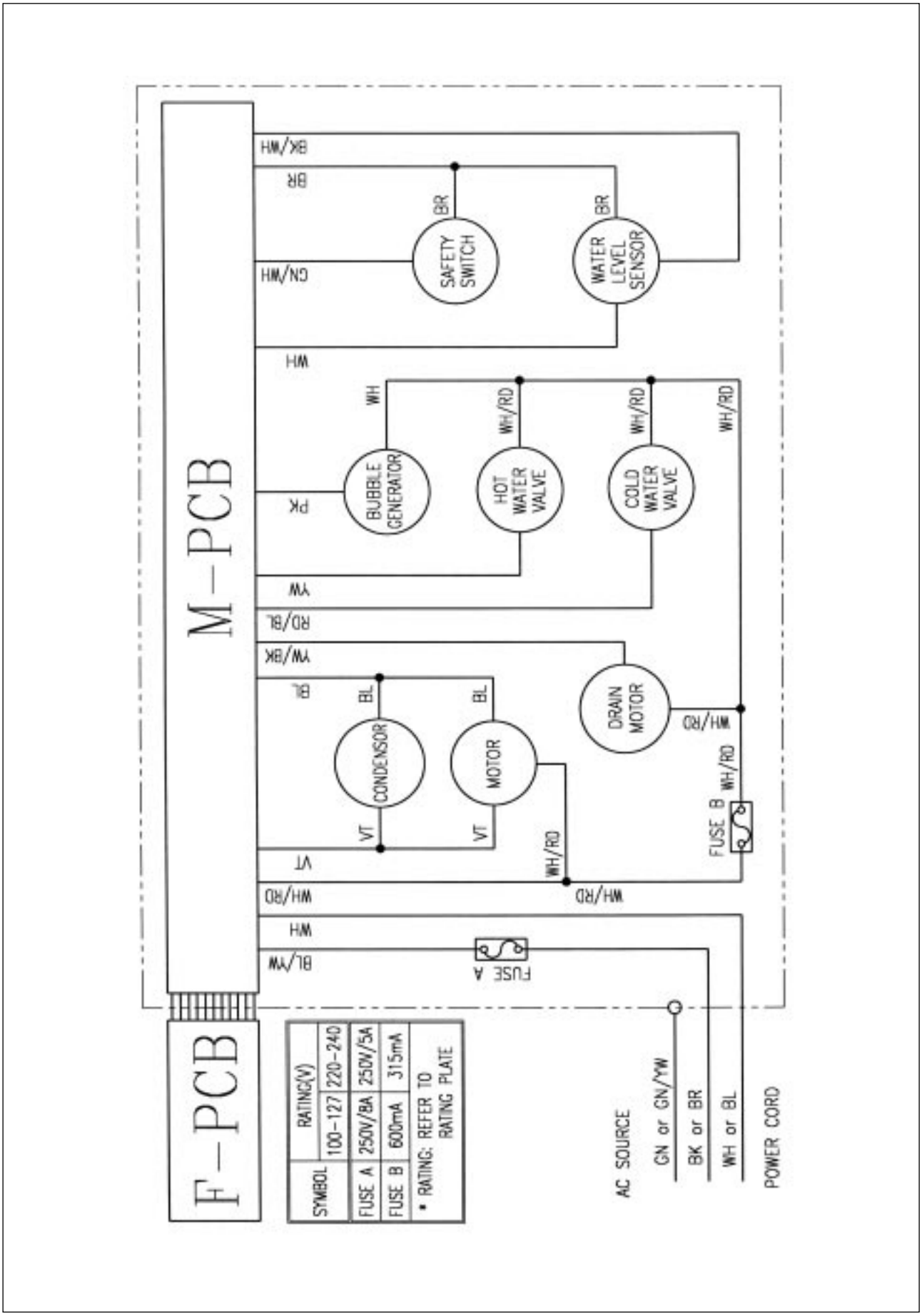
Bubble generator supplies the air from the bottom of outer tub to the inner space of pulsator, the air is dispersed by the rotation of pulsator. Air-bubble is created by the centrifugal force, and rises up.

10. PRESENTATION OF THE P.C.B ASS'Y

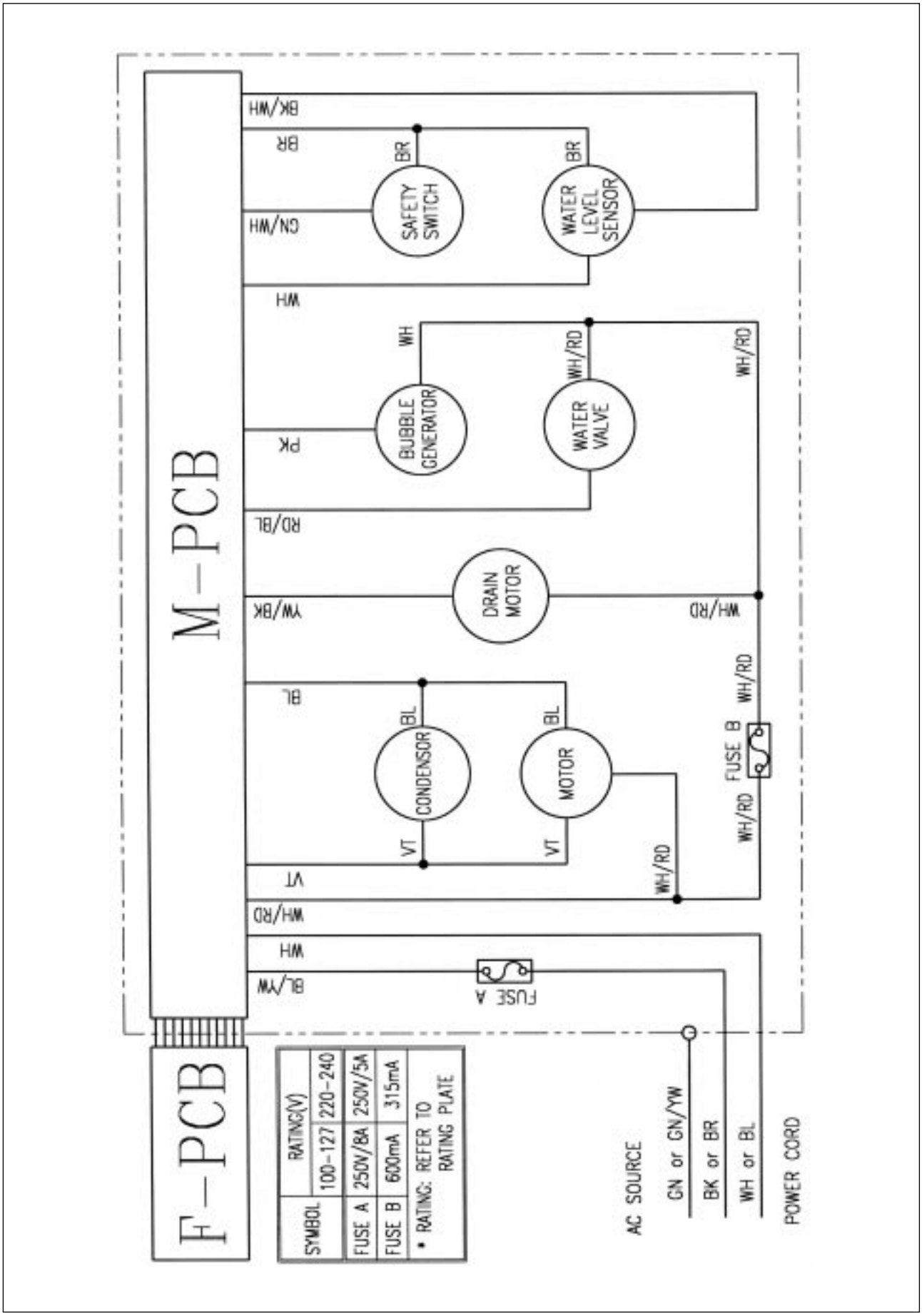
Concerning Error Message

MESSAGE	CAUSE	SOLUTION
	Improper installation of drain hose.	Install drain hose properly.
	The drain hose is blocked up by foreign matter.	Remove foreign matter from drain hose.
	Drain motor is inferior.	Change drain motor.
	The water tap is closed.	Open the water tap.
	The water inlet filter clogged.	Clean the water inlet filter.
	It passes over the 30 minutes, yet it doesn't come to assigned water level.	Check whether or not is comes to the assigned water level.
	Wash loads get uneven during spin.	Re-set wash loads evenly.
	Poor installation of the unit.	Proper installation.
	The lid is opened.	Close the lid.
	The safety switch is inferior.	Change the safety switch.
	The load sensing is inferior. After the load sensing operates about 7 seconds, the message is displayed during 1 second and water level is always fixed 'high'.	Change the P.C.B. ASS'Y.
	The water level sensing is inferior.	Check the water level sensor and the contact part of the connector.

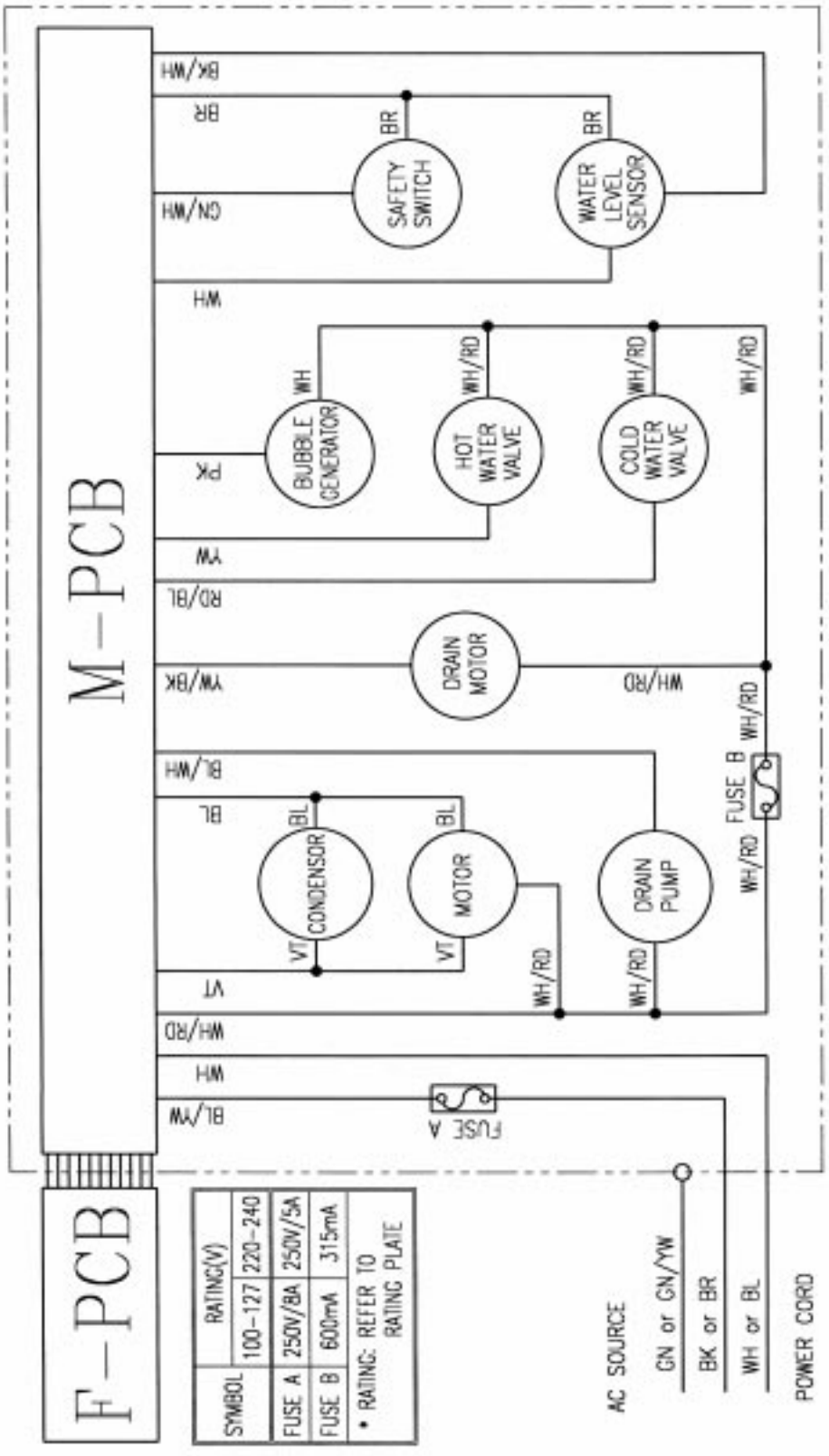
§ Wiring Diagram [non-pump]



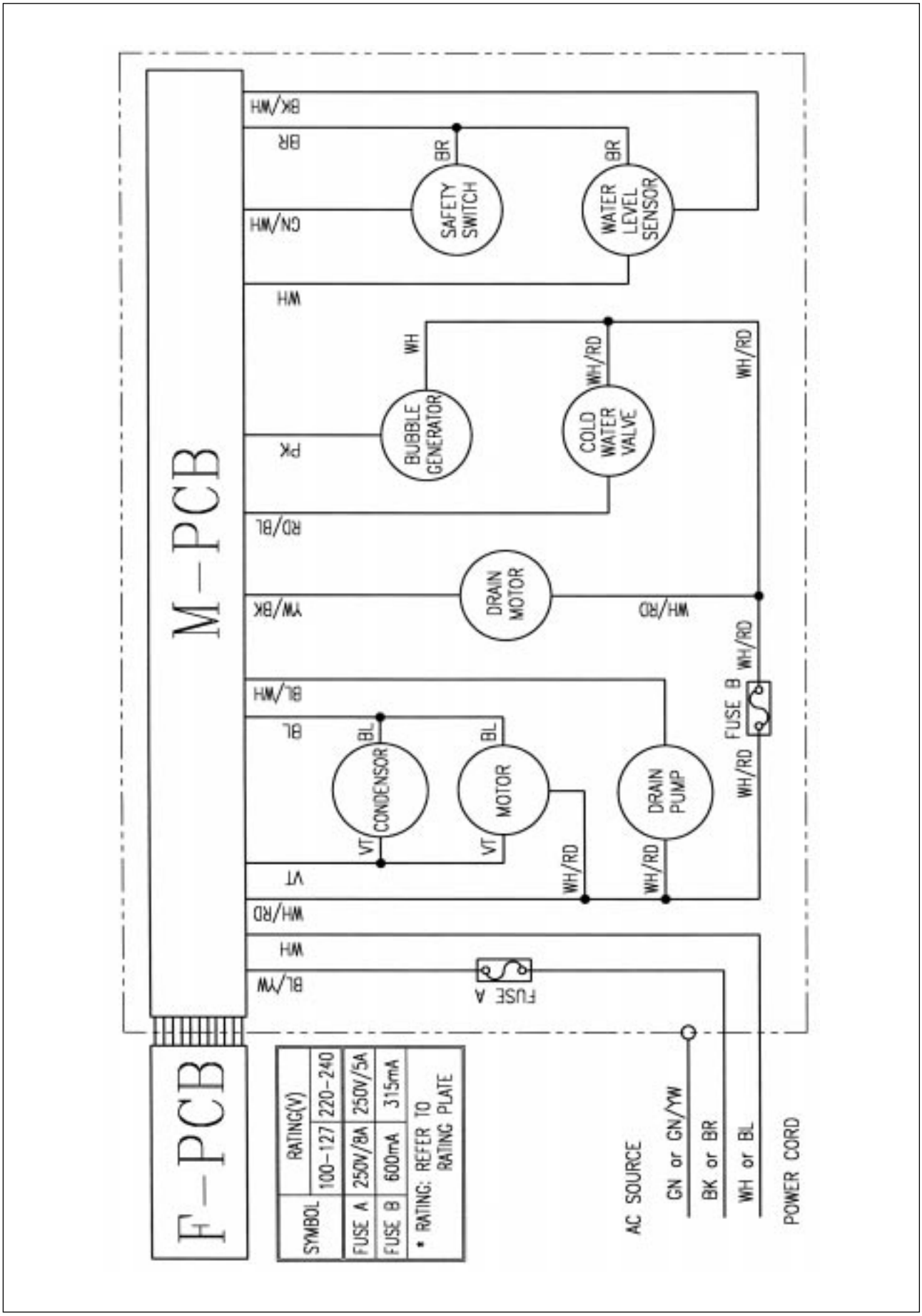
§ [Non-Pump, Single Valve]



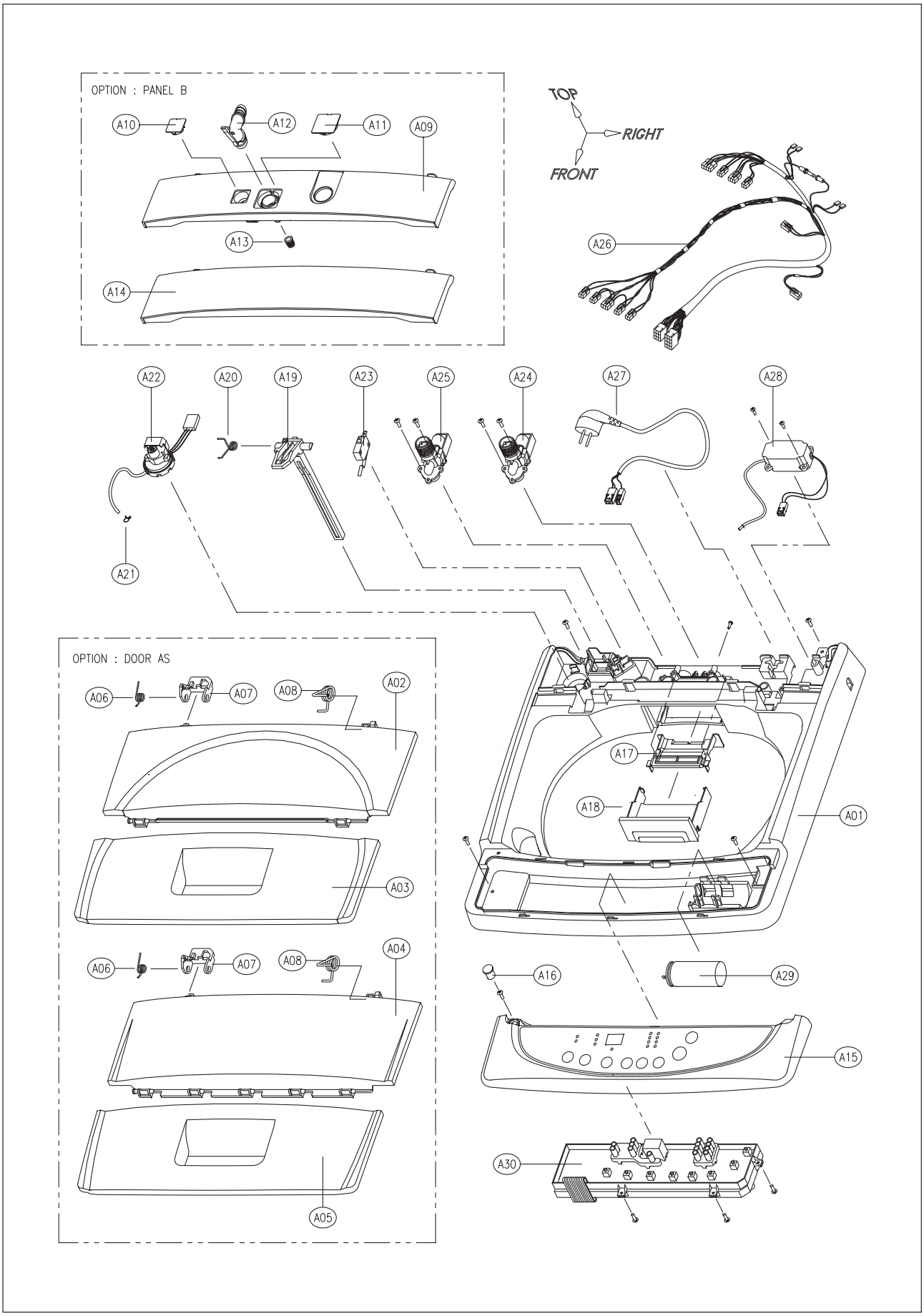
§ [Pump]


M-PCB
F-PCB
BK/WH
BR
GN/WH
WH
PK
YW
RD/BL
YW/BK
BL/WH
BL
VT
WH/RD
BL/YW
SAFETY SWITCH
WATER LEVEL SENSOR
BUBBLE GENERATOR
HOT WATER VALVE
COLD WATER VALVE
DRAIN MOTOR
CONDENSOR
MOTOR
DRAIN PUMP
FUSE A
FUSE B
SYMBOL
RATING(V)
100-127
220-240
FUSE A
250V/8A
250V/5A
FUSE B
600mA
315mA
• RATING: REFER TO RATING PLATE
AC SOURCE
GN or GN/YW
BK or BR
WH or BL
POWER CORD

§ [pump, single valve]



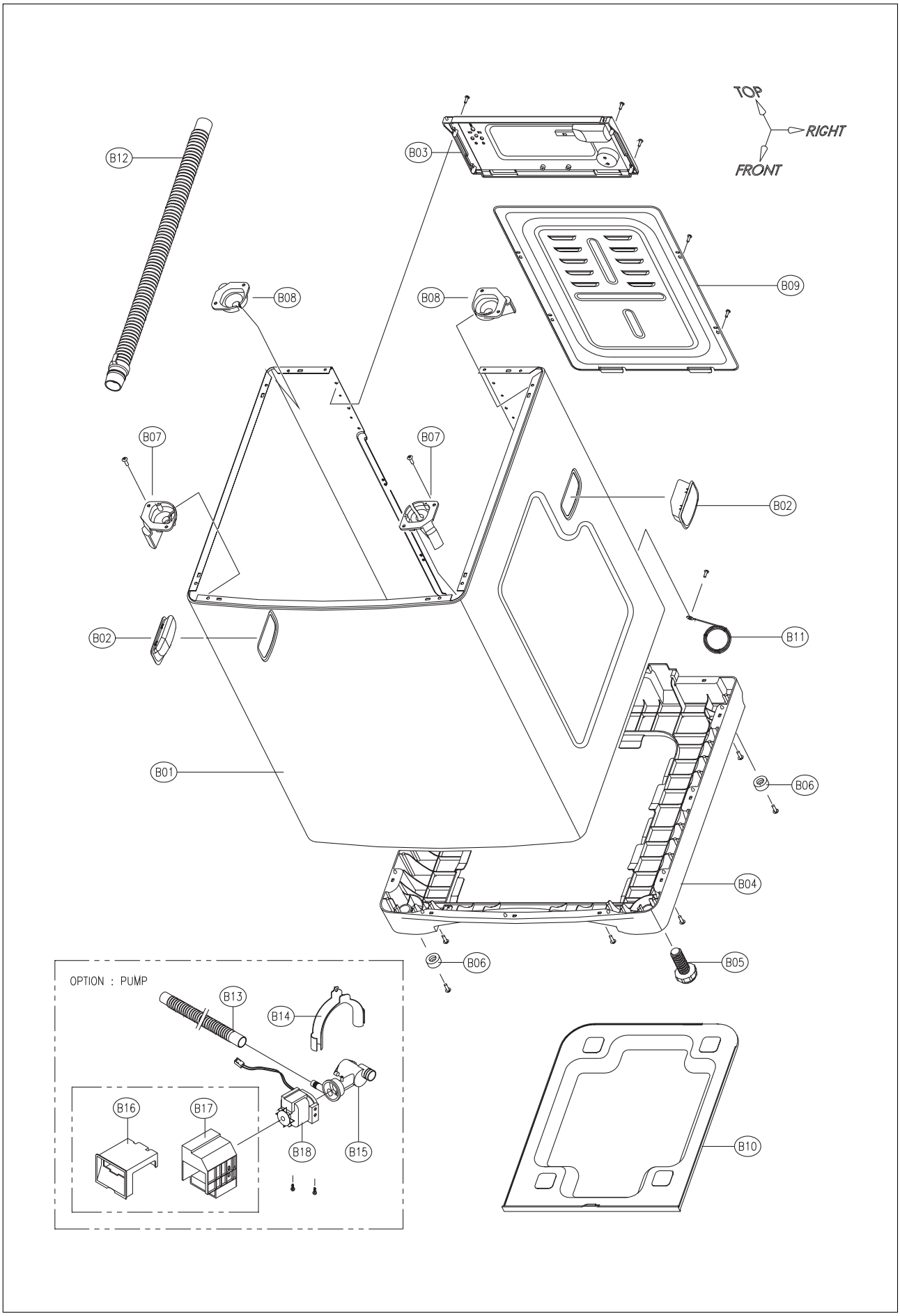
§ Parts Diagram



§ Parts List

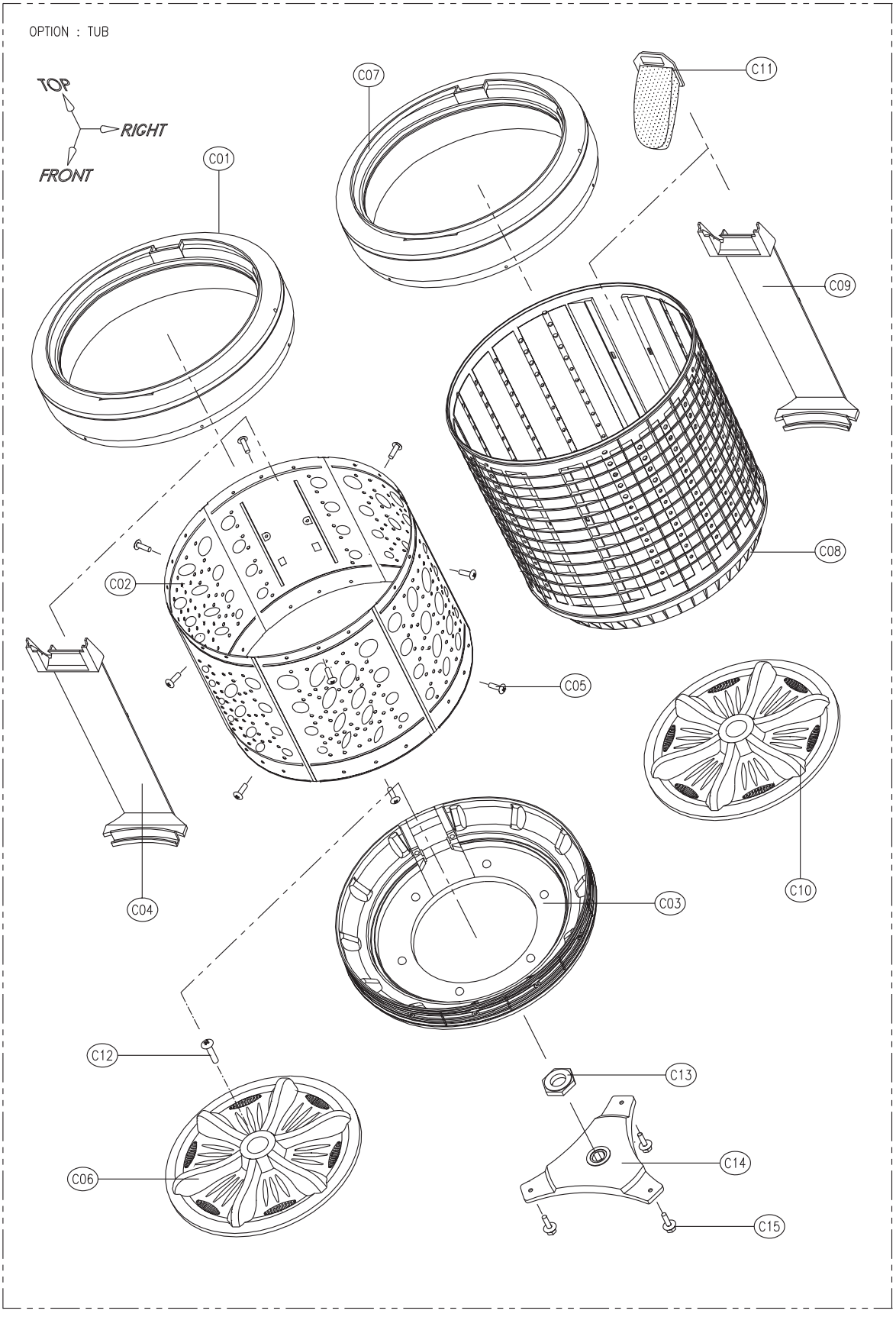
NO.	PART NAME	PART CODE	SPECIFICATION	REMARK
A01	PLATE T	3614521500	PP	
A02	DOOR B AS	3611797600	ABS	OPTION : TRANSPARENT
A03	DOOR F AS	3611797700	ABS	
A04	DOOR B	3611797300	PP	OPTION : NOT TRANSPARENT
A05	DOOR F	3611797400	PP	
A06	SPRING PLATE LEVER	3615111800	SUS	
A07	PLATE LEVER	3614521400	PP	
A08	SPRING DOOR	3615112100	SUS D1.4	
A09	PANEL B	3614233400	PP	OPTION : UPWARD WATER VALVE
A10	CAP WATER	-	PP	
A11	CAP DRY	-	PP	
A12	CONNECTOR HOSE	3619506600	PS	
A13	PACKING	3614004100	SILICON	
A14	PANEL B	3614233600	PP	OPTION : BACKWARD
A15	PANEL F	3614233500	ABS	
A16	CAP REAR	3610902600	CR	
A17	NOZZLE DETERGENT	3618102600	PP	
A18	CASE DETERGENT	3611130700	PP	
A19	LEVER SAFETY S/W	3613701800	POM	
A20	SPRING LEVER SAFETY	3615111700	SUS D1.0	
A21	CLAMP	4507D08150	MFZN HOSE ID=7PIE	
A22	SENSOR PRESSURE AS	3614801300	CDN-D6N	
A23	SWITCH COVER AS	4507K44031	15A 220VAC 1006FD	
A24	VALVE INLET	3615403510	AC 100-130V/50,60Hz COLD	BACKWARD
		3615402010	AC 220V/60Hz COLD	
		3615403711	AC 220-240V/50Hz COLD	
		3615403530	AC 100-130V/50,60Hz COLD	UPWARD
		3615402030	AC 220V/60Hz COLD	
A25	VALVE INLET	3615403630	AC 100-130V/50,60Hz HOT	BACKWARD
		3615402130	AC 220V/60Hz HOT	
		3615403831	AC 220-240V/50Hz HOT	
A26	HARNESS AS	3612787920	8A COLD BUBBLE	SINGLE VALVE
		3612787925	5A COLD BUBBLE	
		3612787930	8A COLD/HOT BUBBLE	DUAL VALVE, PUMP
		3612787935	5A COLD/HOT BUBBLE	
		3612787940	8A COLD/HOT NON-BUBBLE	
		3612787945	5A COLD/HOT NON-BUBBLE	
		3612787970	8A COLD/HOT BUBBLE	DUAL VALVE
		3612787975	5A COLD/HOT BUBBLE	
		3612787980	8A COLD/HOT NON-BUBBLE	
		3612787985	5A COLD/HOT NON-BUBBLE	

NO.	PART NAME	PART CODE	SPECIFICATION	REMARK
A27	CORD POWER AS	3611337000	F H05VV 3X0.75 1.9M WH	CHILE
		3611337100	RVCTFK 2X0.75 1.9M GY	JAPAN
		3611337200	N LFC-3R 3X0.75 1.9M GY	AUSTRALIA
		3611337300	F H05VV 3X0.75 1.9M WH	ITALY
		3611337400	RW-300/500 3X0.75 1.9M	PR. CHINA
		3611337500	VCTF 3X0.75 1.9M	INDIA
		3611337600	U VCTF 3X0.75 1.9M GY	SOUTH KOREA
		3611337700	P VCTF 3X0.75 1.9M WH	KUWAIT
		3611337800	VCTF 3X0.75 1.9M WH	KUWAIT, OMAN
		3611337900	H05VV-F 3X0.75 1.9M WH	MALAYSIA
		3611338000	H05VV-F 3X0.75 1.9M	SINGAPORE
		3611338100	A-VCTFK 2X0.75 1.9M GY	TAIWAN
		3611338200	F H05VV 3X0.75 1.9M BK	EUROPEAN NATIONS
		3611338300	C SJT 3X18AWG 1.9M GY	PANAMA, USA
		3611338400	H05VV-F 3X0.75 1.9M GY	ARGENTINA
		3611338500	H05VV-F 3X0.75 1.9M GY	SOUTH AFRICA
		3611338600	P VCTF 3X0.75 1.9M WH	OMAN
A28	UNIT BUBBLE AS	3618946301	AC220-240V L=750 PAD	OPTION
		3618906401	AC110-130V L=750 PAD	
A29	UNIT CAPACITOR	3618911600	8.4μF 400VAC CAN-TYPE	AC220-230V/50,60Hz
		3618911900	30μF 200VAC CAN-TYPE	AC120-127V/60Hz
		3618912000	33.6μF 200VAC CAN-TYPE	AC110V/60Hz
		3618959700	7.5μF 400VAC CAN-TYPE	AC240V/50Hz
A30	PCB AS	PRPSSWU602	AC 110-130V/60Hz	NON-PUMP
		PRPSSWU603	AC 220-240V/50,60Hz	
		PRPSSWU701	AC 110-130V/60Hz	PUMP
		PRPSSWU702	AC 220-240V/50,60Hz	
		PRPSSWU703	AC 240V/50Hz	PUMP, AUSTRALIA


TOP
RIGHT
FRONT
B12
B03
B08
B08
B09
B07
B07
B02
B02
B11
B01
B06
B04
B06
B05
OPTION : PUMP
B13
B14
B16
B17
B18
B15
B10

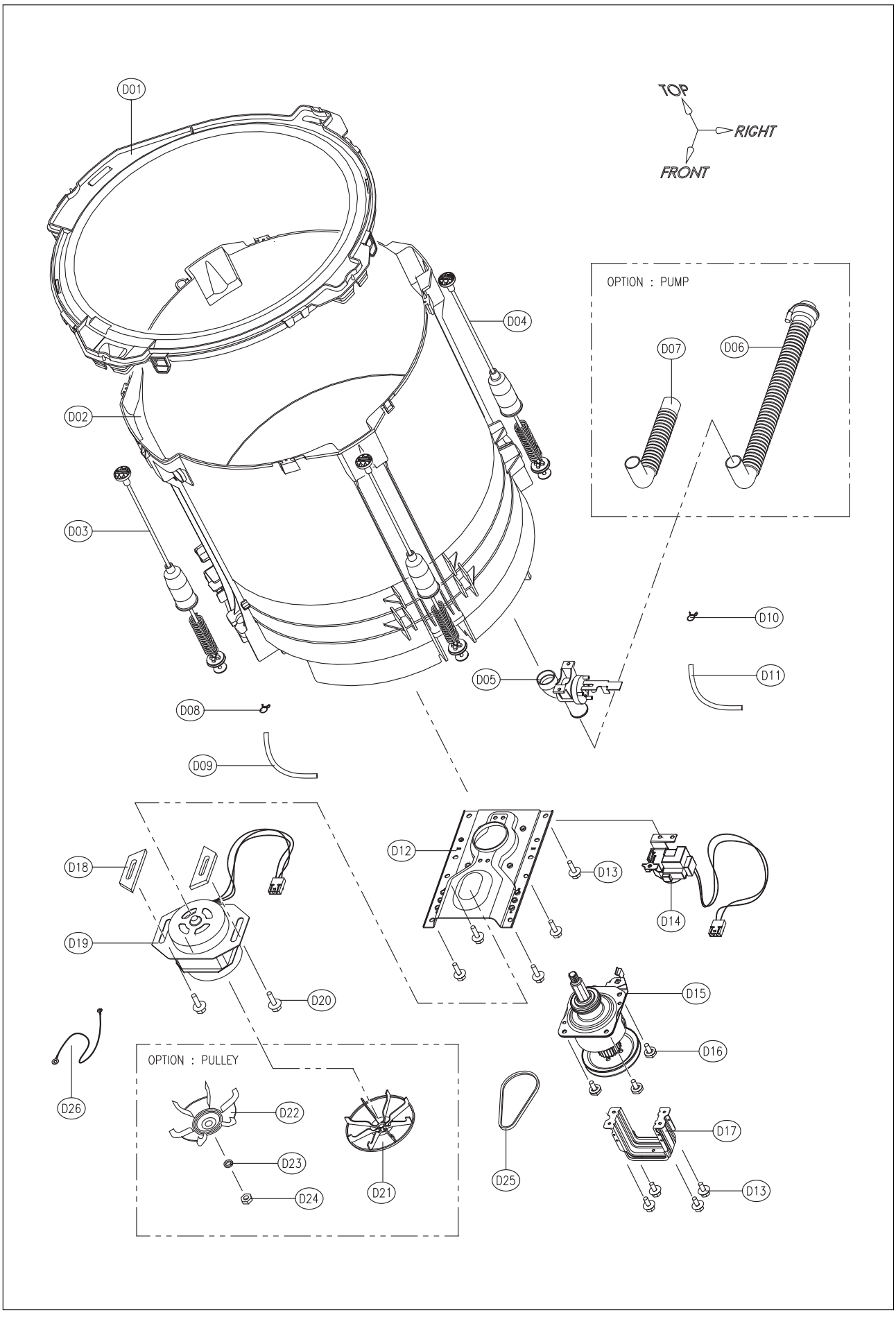
§ Parts List

NO.	PART NAME	PART CODE	SPECIFICATION	REMARK
B01	CABINET	3610809600	PAINTED STEEL SHEET 0.6T	
B02	HANDLE CABINET	3612603300	PP	
B03	PLATE UPPER	3614521600	PP	
B04	BASE U	3610389100	PP LOW H=45	DWF-600M
B05	LEG ADJUST AS	3617702100	DWF-1089W2	
B06	LEG FIX	3612100310	SBR	
B07	HOLDER SUPPORT F	3613044600	FRPP	FRONT
B08	HOLDER SUPPORT B	3613044500	FRPP	REAR
B09	COVER BACK	3611413600	SPG 0.4T	
B10	COVER UNDER	3611418500	PP	OPTION
B11	HARNESS OUTER	3610068700	50/0.18GREEN ST710489-2	2-WIRE POWER CORD
B12	HOSE DRAIN O AS	3613213500	LDPE L=833	NON-PUMP
B13	HOSE DRAIN O AS	3613218800	LDPE/EVA L=1600 PUMP	PUMP
B14	GUIDE DRAIN HOSE	3612502300	PP	
B15	FILTER AS	3611904900	DWF-800WNP E-TYPE	ASKOLL PUMP
		3611901530	DWF-5590DPNE E-TYPE	DMI PUMP
B16	COVER PUMP	3611405320	PP	DMI PUMP
B17	COVER PUMP	3611419100	V0 ASKOLL 220-240V/50Hz	ASKOLL PUMP
		3611419200	HB 110V,220V/60Hz	
B18	MOTOR SHADED POLE	3963514000	AC 220-240V/50Hz	DMI PUMP
		3963514001	AC 220V/60Hz	
		3963514002	AC 110V/60Hz	
		3963514003	AC 127V/60Hz	
	UNIT DRAIN PUMP	3618958900	AC 220-240V/50Hz	ASKOLL PUMP
		3618959000	AC 220V/60Hz	
		3618959100	AC 110-127V/60Hz	


OPTION : TUB
TOP
RIGHT
FRONT
C01
C02
C03
C04
C05
C06
C07
C08
C09
C10
C11
C12
C13
C14
C15

§ Parts List

NO.	PART NAME	PART CODE	SPECIFICATION	REMARK
C01	BALANCER AS	3616104700	DWF-6010	STAINLESS STEEL
C02	TUB I	3618808500	SUS 0.5T	
C03	TUB U	3618808601	PP	
C04	GUIDE FILTER	3612507000	DWF-6010NP	
C05	SPECIAL SCREW	3616003700	SUS 5.5X16	
C06	PULSATOR AS	3719706700	DWF-800WNP	
C07	BALANCER AS	3616104500	DWF-5510PN	PLASTIC
C08	TUB I	3618808100	PP	
C09	GUIDE FILTER	3612503900	PP	
C10	PULSATOR AS	3619706600	DWF-750WTP	
C11	FILTER AS	4505E82002	POLYESTER 90X120 INSERT	
C12	SPECIAL SCREW	3616002901	SUS 304 NON-SILOCK	
C13	SPECIAL NUT	4507D83080	SUS 304	
C14	FLANGE TUB	3617201100	5KG 3-FOOT	
C15	SPECIAL SCREW	4505E05040	5X24	


D01
TOP
RIGHT
FRONT
OPTION : PUMP
D07
D06
D04
D02
D03
D10
D11
D05
D08
D09
D18
D19
D20
D12
D13
D14
D15
D16
D17
D13
D26
OPTION : PULLEY
D22
D23
D24
D21
D25

§ Parts List

NO.	PART NAME	PART CODE	SPECIFICATION	REMARK
D01	COVER TUB O	3611414600	PP	
D02	TUB O	3618817600	PP	
D03	SUSPENSION AS F	3619804200	FRONT	
D04	SUSPENSION AS B	3619804300	REAR	
D05	VALVE DRAIN AS	3615408500	DWF-750M	NON-PUMP
D06	HOSE DRAIN I AS	3613227000	LDPE+EVA DWF-752MN	
D07	HOSE DRAIN I AS	3613226900	LDPE+EVA DWF-800WNP	PUMP
D08	CLAMP	4507D08150	MFZN HOSE ID=7PIE	OPTION : PUMP
D09	HOSE	4500D08210	ID=4.0	
D10	CLAMP	4507D08150	MFZN HOSE ID=7PIE	OPTION : BUBBLE
D11	HOSE	4500D08210	ID=4.0	
D12	BASE	3610302900	SECEN 1.2T	
D13	SPECIAL SCREW	3616007000	SCM24H 6.5X24	
D14	MOTOR SYNCHRONOUS	3966010410	220-240V/50,60Hz ST=23	
		3966320830	100-127V/60Hz ST=23	
D15	GEAR MECHANISM	3617307310	GM-0600-KJ4P0	
D16	BOLT HEX	7640802011	6B-1 8X20 SW MFZN	
D17	PROTECTOR GEAR	3618303600	SGCC 1.2T	
D18	SPECIAL WASHER	4505E34030	PP	
D19	UNIT MOTOR AS	3618959900	110-127V/60Hz W1D30CC004	
		3618960100	220V/60Hz W1D0UC004	
		3608960200	220-240V/50Hz 30VC004	
D20	BOLT HEX	7650802511	6B-1 8X25 HS MFZN	
D21	PULLEY MOTOR AS	3618401420	DP=53.0 50Hz ALDC	AC220-240V/50Hz
		3618402800	DP=48.5 60Hz ALDC	AC220V/60Hz
D22	PULLEY MOTOR AS	3618432000	DP=48.5 60Hz PRESS	AC110V~127V/60Hz
D23	WASHER SPRING	7401008011	SW-8 MFZN	
D24	NUT HEX	7392800011	M8XP1.25 MFZN	
D25	BELT V	4507D34020	M20	50Hz
		4507B34020	M19.5	60Hz
D26	HARNESS EARTH INNER	3612757010	L=560	

§ Circuit Diagram