

SUMAKE[®]

Professional & Industrial

INSTRUCTION MANUAL

ITEM NO.: **VC38L2-AW, VC38M2-AW**
38L VACUUM CLEANER
(DRY AND WET)



VC38L(M)2-AW-I-2002A-KD

1 Safety Rules

For using safely, please read and understand "Safety Rules" carefully before using.

Please follow this "Safety Rules of the Operation Instruction" to ensure a safe and accident-free operation.

※ After reading this instruction, please keep it in an obviously place for reference.



Caution It will cause death or serious injury.



Notice

- This appliance is not intended for users with insufficient sensory or mental capabilities, or lack of experience and knowledge, unless they are given supervision or instruction concerning safety use of the appliance under a person who are responsible for their safety.
- Children should be supervised to ensure that they don't play with the appliance.
- It will cause injury for improper operations.
- Wet & dry vacuum cleaner use the "Leakage Protection Switch" for the power socket to avoid electric shock and ensure safety.

The meaning of symbol sign



This symbol is used to mark prohibition and please do not do it.



This symbol is used to mark instruction and must follow it.



CAUTION



- Please disassemble, repair or reconstruct this machine by qualified technical personnel to prevent any unusual work and injury.



- Do not wipe or pour oil or water into the machine. Moisture entering the product will cause electric shock or wire short.



- Please disconnect the power source before safety checking or cleaning to prevent electric shock or injury.



- Never use damaged power plug. Damaged plug would result electric shock, wire short and fire.



- Please don't pick up the below materials by the machine to avoid fire, explosion or injury.

⊙ Explosive powder: Aluminum (Al), Magnesium (Mg), Titanium (Ti) and Zinc (Zn) etc.

⊙ Flammable material: Gasoline, organic solvent, benzene, lamp-oil and paint etc; Chemistry material; Oil and medicine etc.

⊙ Hot material: campfire ashes and cigarette butt etc; the power with spark: High-speed cutting machine, grinding wheel and welding machine etc.




















- Never operate the product near the explosive, flammable materials such as lamp-oil, gasoline, organic solvent, benzene and paint to avoid fire, explosion or injury.



- Keep children away from the product to avoid injury.



NOTICE

 <ul style="list-style-type: none">● Do not use the machine in high temperature environment.	 <ul style="list-style-type: none">● Place the micro-filter in operation to prevent from motor breaking down.
 <ul style="list-style-type: none">● Stop operating when the inlet and exhaust hole are blocked. Otherwise the machine will be deformed by overheat.	 <ul style="list-style-type: none">● Please install wet filter for use with wet pick-up. After wet pick-up, please pouring the residual water and clean the tank. Dry the tank completely.
 <ul style="list-style-type: none">● Please turn off the power and disconnect the plug while installation or maintenance to avoid electric shock and injury.	<p>※ Attention : only for the water sucking vacuum cleaner</p>
 <ul style="list-style-type: none">● Please take off the plug form the socket when the machine doesn't operate to prevent electric leakage, electric shock or fire.	 <ul style="list-style-type: none">● Do not pull the wire to loosen the plug from the outlet. Otherwise, it may cause fire due to short circuit.
 <ul style="list-style-type: none">● Place the filter and paper bag before operation to prevent form the motor breaking down.	 <ul style="list-style-type: none">● Please do not bend, trample on the wire. Also, do not pull it suddenly to cause damage.
 <ul style="list-style-type: none">● Please install the filtration system and filter before using. Otherwise, it will cause the motor breakdown.	 <ul style="list-style-type: none">● Please do not bend or pull the plastic tube. Also, do not trample on and put heavy objects on it to prevent damage and deformation.
 <ul style="list-style-type: none">● Please keep the machine away from fire and heat to reduce the risk of fire and wire short.	 <ul style="list-style-type: none">● Do not touch the plug, power or wire with wet hands to prevent electric shock.
 <ul style="list-style-type: none">● Please do not use the machine in high temperature environment. It will cause damage, electric shock and fire. Please use this machine under 80% humidity.	 <ul style="list-style-type: none">● The life time of the filter depends on its frequency and condition. Change the filter regularly for maintenance.
 <ul style="list-style-type: none">● Please do not keep the sewage and debris in the tank for long time to prevent the odour.	<ul style="list-style-type: none">● Hot air will exhaust from the cooling system which at the top of the machine for normal operation.
 <ul style="list-style-type: none">● Please do not pick up too much dust to cause block of the dust box or motor breakdown.	<ul style="list-style-type: none">● When operate the machine under dry environment (especially in winter), static electricity may be occurred at the frame and part of the machine. Please notice.

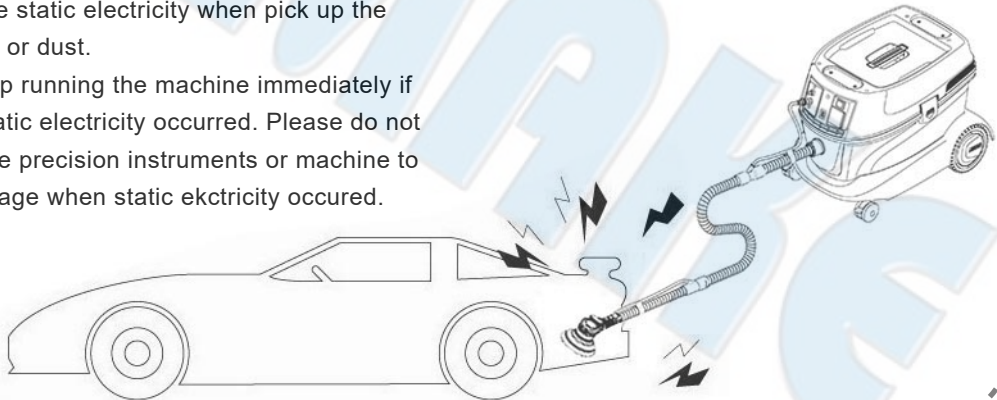
2

Additional Safety Rules

To use the **Wet & Dry** Vacuum Cleaner safely, besides of the Safety rules of the Operation Instruction, please pay attention to the following:

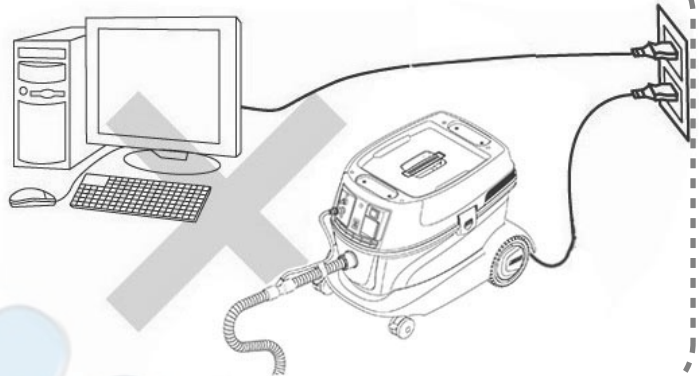
A

Beware the static electricity when pick up the iron power or dust. Please stop running the machine immediately if there is static electricity occurred. Please do not close to the precision instruments or machine to avoid damage when static electricity occurred.



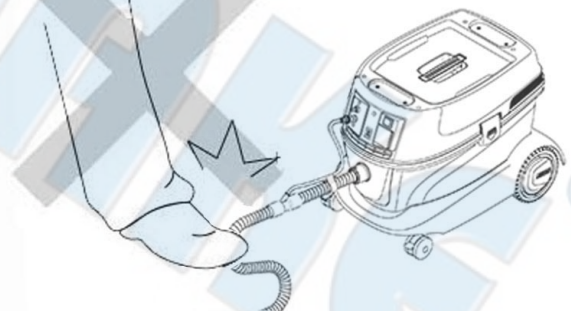
B

Please do not use the same socket with OA machine. The generated attack voltage during switching on/ off will cause OA machines damage.



C

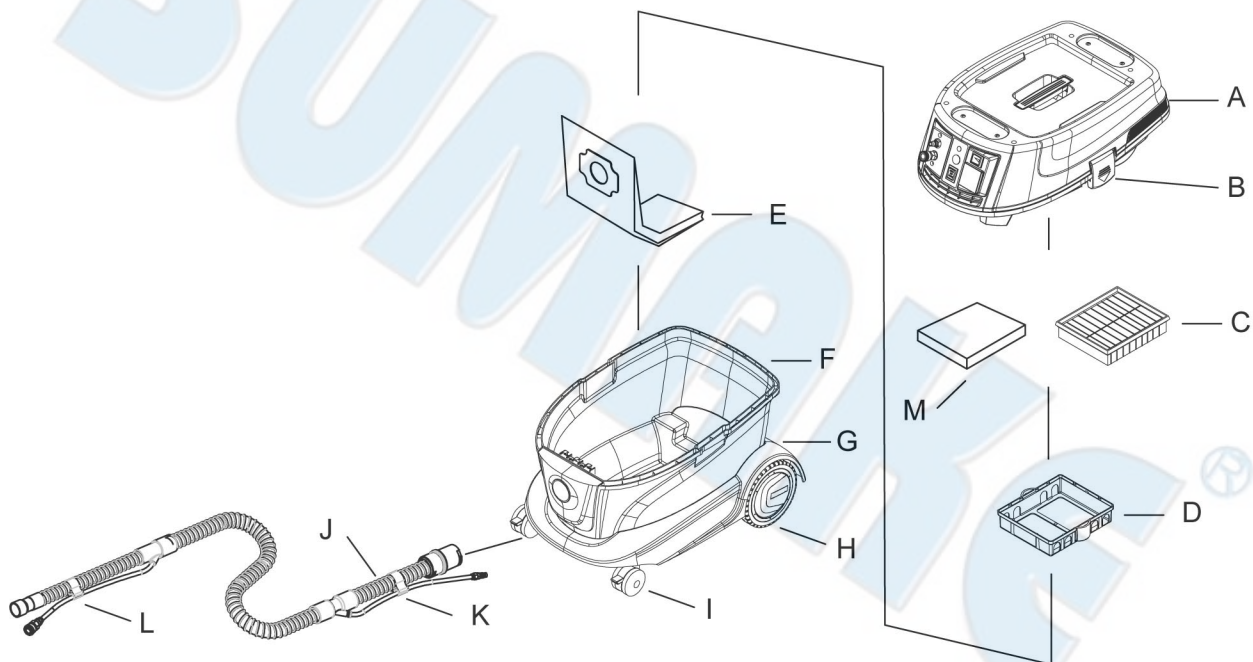
Avoid to twist, bend, trample on, pull, forced the hose and unusual storage to make it out of shape and cause damage.



3

Parts Name

VC38L(M)2-AW



Specifications

Model: VC38L(M)2-AW	Drum Capacity: 38L
Voltage: 220~240V 50/60Hz	Consumption Power: 1150~1350W
Max Vacuum: 2450mmHg	Measurement: 790*545*570(mm)
Air Flow: 2.9m³/min	Weight: 16.92kgs

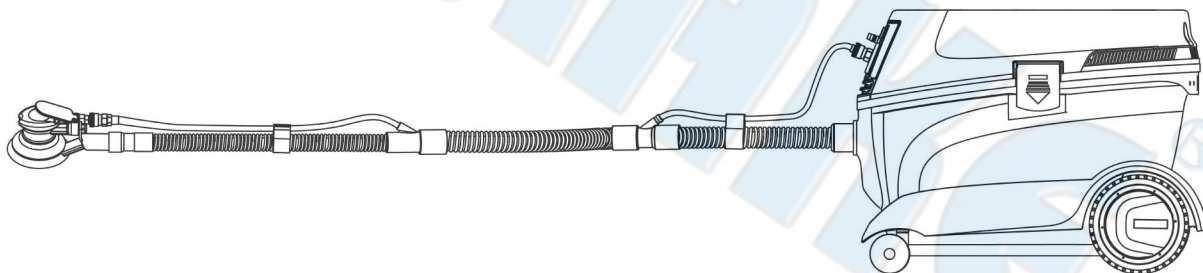
A HOST HEAD
 B BUCKLE
 C PAPER FILTER
 (M Dust class)(For dry)
 D FILTER HOLDER
 E PAPER BAG(For dry)
 F TANK
 G HOSE CLASP(Big)
 H HOSE CLASP(Small)
 I WHEEL 7.5"
 J WHEEL 3"
 K HOSE
 L HOSE CLASP(Small)
 M WET FILTER(For wet)

H WHEEL 7.5"
 I WHEEL 3"
 J HOSE
 K HOSE CLASP(Big)
 L HOSE CLASP(Small)
 M WET FILTER(For wet)

※ The above specifications have tolerance value of ±15%.

4

Use Dispose



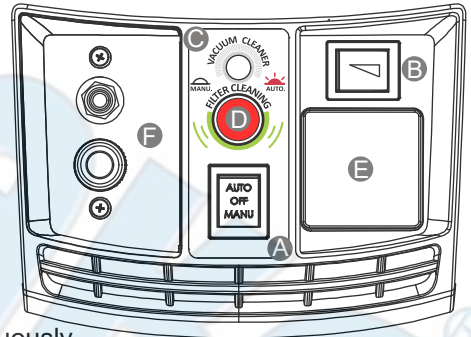
1 PREPARATION

- ① Open the host head before using. Install paper bag into the dust tank, then put back the host head and clip side buckles tightly.
- ② Insert 2 in 1 Suction hose into the pneumatic tool, ensure not coming off, and turn on the machine.

2 OPERATION INTERFACE INSTRUCTION

A POWER SWITCH:

- Switch at **"AUTO"** position, the vacuum to start control of the pneumatic tool or power tool.
When turn the switch to **"AUTO"** position, the vacuum cleaner will delay start about 3 seconds, then will run for 1.5 seconds and then stop. It means the vacuum cleaner is on. If the tool stops, the Vacuum cleaner will stop after running 5-10 sec.
- Switch at **"MANU"** position can turn on the vacuum.
When turn the switch to **"MANU"** position, the Vacuum cleaner will delay start about 3 seconds and then run continuously.
Turn the switch to **"OFF"** position, the vacuum cleaner will stop.
- When finish working with vacuum cleaner, please turn the **AUTO- MANU** switch at the **OFF** position.



B SUCTION POWER CONTROL:

- When the power switch is set at **AUTO**, suction force can't be adjusted to run at full speed.
- Suction force is adjustable when the power switch is set at **MANU**.
Press the switch right will speed up, press it for 3 seconds to get the highest speed.
Press the switch left will slow down, press it for 3 seconds to get the lowest speed.

Memory for seed regulation is limited to power-on state.

Once power cut, original factory settings is restored.



C OPERATION INDICATION LAMP:

- The red light indicator is on when the motor is running.
The red light indicator is off when the motor stops running.
- When the liquid reaches max water level, the red light indicator is off and the motor stops running. Please empty and cleaning the bucket.

D FILTER CLEANING SWITCH:

To switch AUTO or MANU filter cleaning system:

1. Turn power switch to **OFF**.
2. Press and hold the filter cleaning switch button then turn power switch to **MANU**.

When the filter cleaning switch button didn't show any lights, it's on **MANU** filter cleaning mode.

Repeat above steps again, when the filter cleaning switch button shows solid red light, it's on **AUTO** filter cleaning mode. *Note: It is normal for actuated sound when the filter cleaning function starts.*

● Filter cleaning mode(AUTO):

The red light indicator is on when the motor is running.

When the clogged air filter sensor detected decrease in air flow rate, to improve efficacy of dust extracting, this machine will start filter cleaning function automatically. The **AUTO** filter cleaning mode will actuate continuously for 5 seconds then stop. Press filter cleaning switch to actuate **MANU** filter cleaning mode when machine is working.

● Filter cleaning mode(MANU):

The red light indicator is off when the motor stops running.

To improve efficacy of dust extracting, press filter cleaning switch to actuate filter cleaning function. It will actuate continuously for 5 seconds then stop.



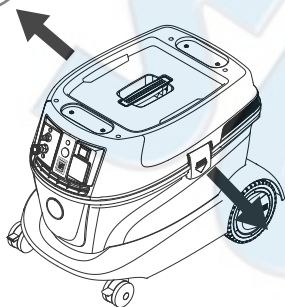
E THE SOCKET OF POWER TOOL:

When turn the switch to **"AUTO"** position, the power tool using the plug can control the **ON/OFF** of vacuum. *Note: the power of power tool can't be over 1000W, it will be overload and cause fire.*

F PNEUMATIC TOOL- TRIGGER MODULE CONNECTOR:

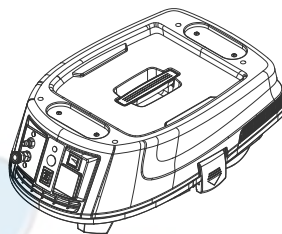
The quick coupling attached to the compressor and the other attached to the pneumatic hose.

6 Clean and Maintenance



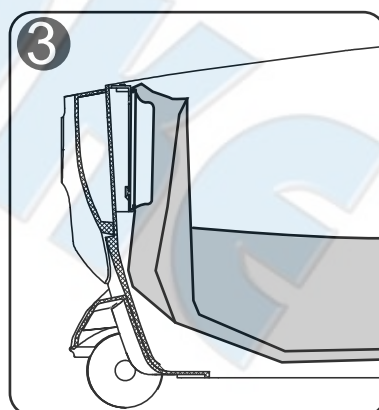
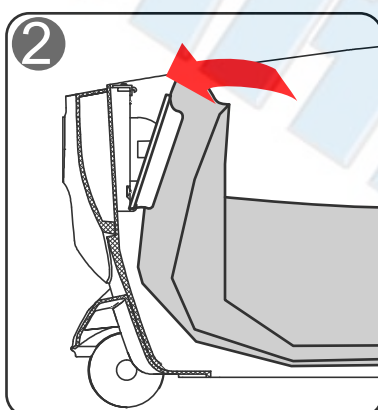
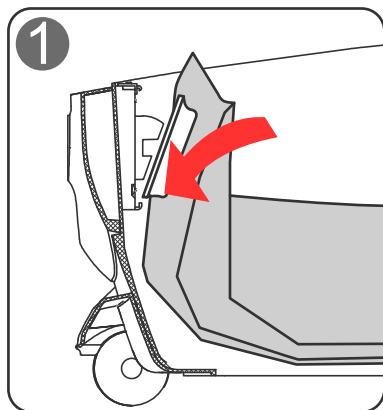
Notice

Please turn off and disconnect the plug and release the side clips.



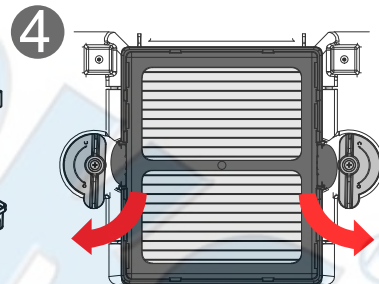
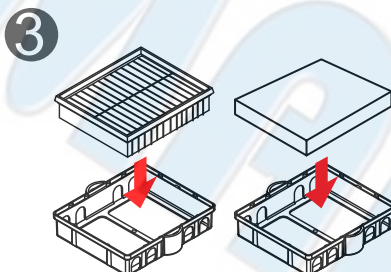
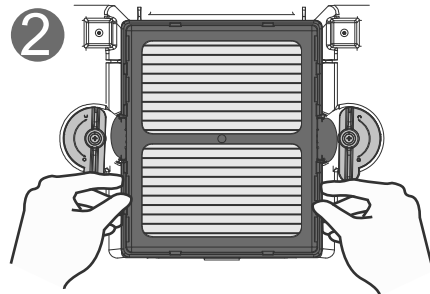
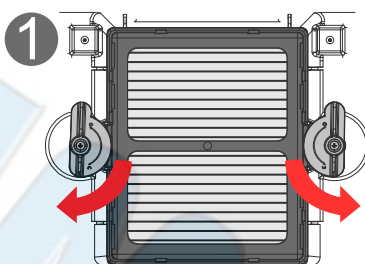
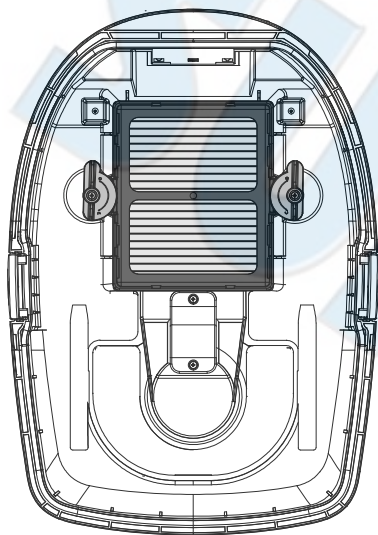
Remove the head unit and store in a proper place to prevent contamination and damage.

PAPER BAG EMBEDDED:



※ Clean up and replace the paper bags regularly for maintenance.

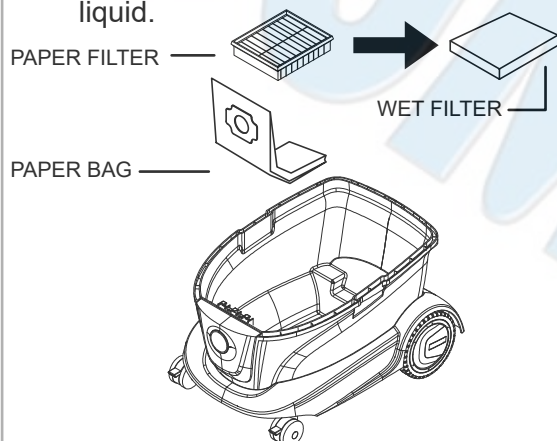
FILTER REPLACEMENT :



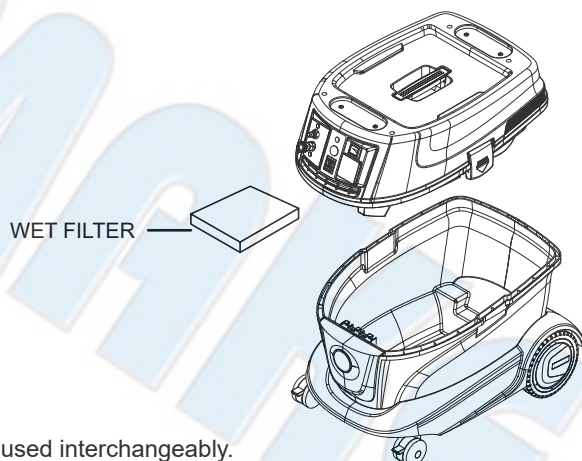
- After extracting dry dust, please use soft brush or air blow gun to clean paper filter.
 - After extracting liquid, please use clean water to wash wet filter and keep it dry in dark area.
 - After replace paper filter and wet filter, please disposal waste appropriately and maintain the environment.
- ※ Recommend replacing the parts every three months in normal maintenance procedure.

7 Sucking up liquid materials

1. When sucking up liquid materials like sewage, ditty oil...etc., nonflammable, non-volatile materials of liquid, please take out the paper filter & paper bag. Please install wet filter before extracting liquid.



2. After extracting liquid, please clean dust bucket and wet filter right after working. After clean procedures, please turn on the motor for 3~5 minutes in order to keep vapor from affecting motor life-cycle.



※ Vacuum cleaner sucks dust and absorbs liquid when used interchangeably.

keeps the parts dry and clean. To avoid water and dust combined with dust and dirt attached to the vacuum cleaner and parts, easy to shorten the life of vacuum cleaners and accessories.

(This function is suitable for dry and wet vacuum cleaner, dry vacuum cleaner can not suck liquid.)

8 General Error Solution and Maintenance

PROBLEM	CHECK	SUGGESION
Motor does not operate	Wire	It might be a possibility that didn't put the plug into a socket correctly, please reinsert it. It might be a damage of wire, please contact maintenance service of our company.
	Carbon brush exhausted	The carbon brush exhausted for 400 hours. Please contact our service center.
	Temperature Control	The Electronic Thermal Protection Device worked automatically when the motor was overheated up to 110 degree. After a complete 20~30 minute cool down period has passed, the Electronic Thermal Protection Device will RE- SET automatically.
Cleaner fails to pick up	Hose	Maybe the hose or extension wands didn't fit completely. please refit.
	Inside of tank	Please check if the tank is full and empty it.
	Filter	Please check the filter and filtration system and clean it.
Malfunction of filter cleaning system	Temperature Control	The Electronic Thermal Protection Device worked automatically when the motor was overheated up to 90 degree. After a complete 20~30 minute cool down period has passed, the Electronic Thermal Protection Device will RE- SET automatically.
Failure of detecting full water level	Malfunction of PCB	Please use the "Leakage Protection Switch" for the power socket. When the leakage protection switch shows a power outage, it means that the circuit board is faulty and there is a concern about leakage. Please contact maintenance service of our company.



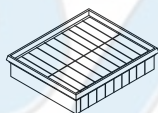
- Check: Please check the parts or accessories (Hose, wire, paper bag, filter rack and filter) if need to be replaced.
- If the power cord is damage, please requests profession and technical personnel to replace it.

- Maintenance and Lubrication:
 1. Do not lubricate the motor.
 2. Clean the machine outside regularly.

9 Expendables



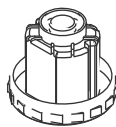
● PAPER BAG



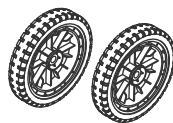
● PAPER FILTER



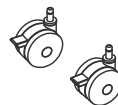
● HOSE



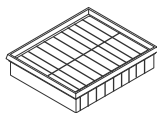
● MOTOR



● WHEEL 7.5"



● WHEEL 3"

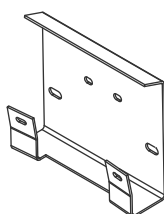


● PAPER FILTER (M Dust class)



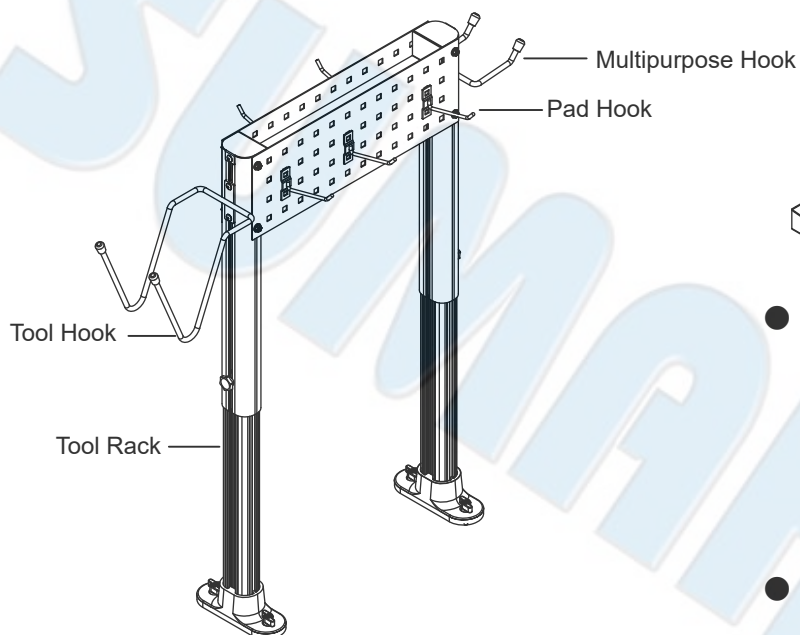
● WET FILTER

10 Option

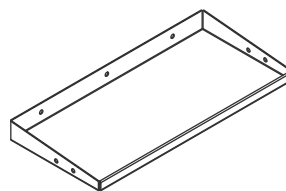


● Hose Hook

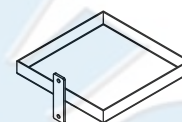
Hose Hook



● Tool Rack Set
(Attached Tool Rack*1set、Pad Hook*5pcs、Tool Hook*1pc、
Multipurpose Hook*1pc)



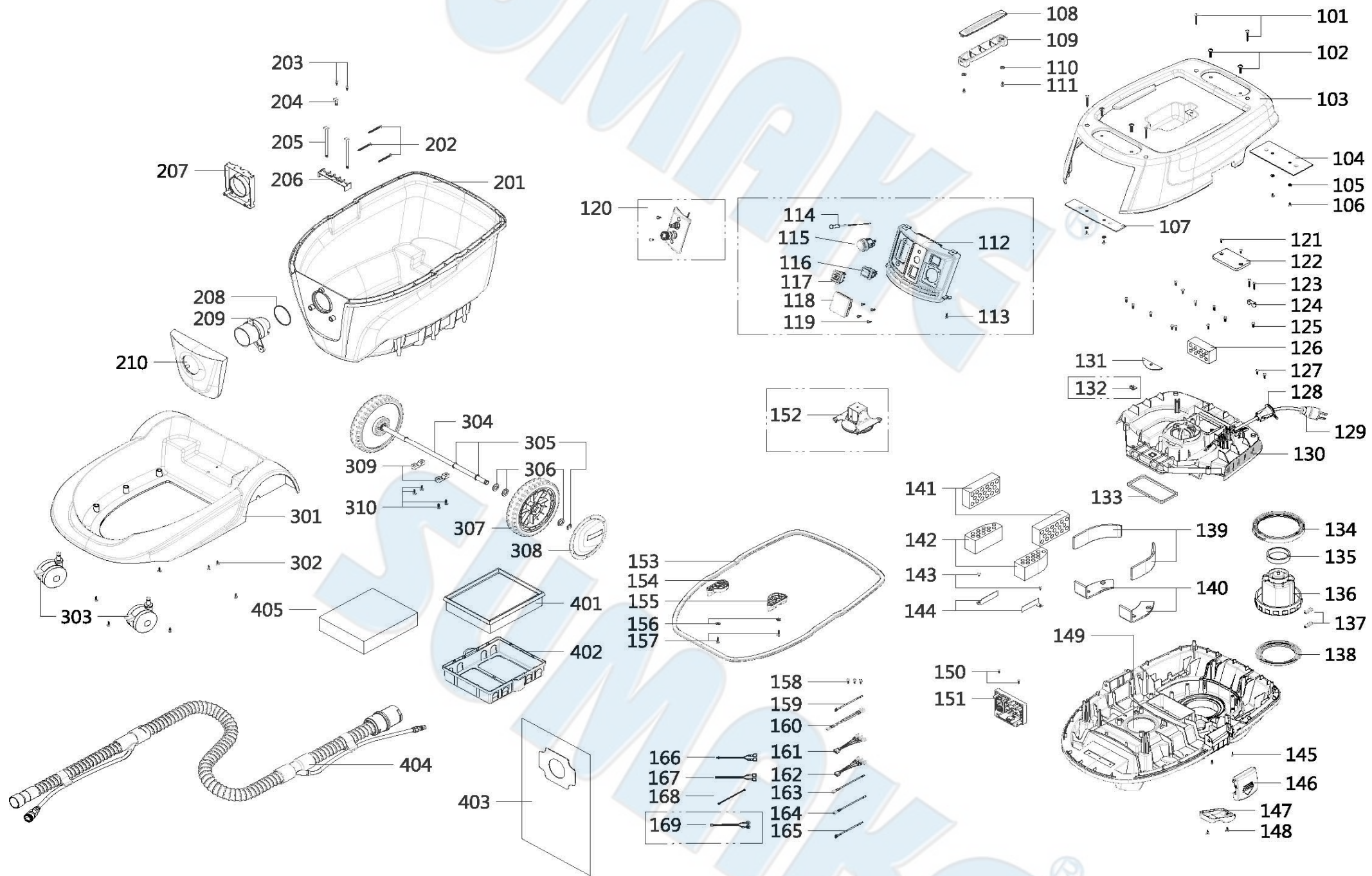
● Compartment Tray (Big)



● Compartment Tray (Small)

VC38L2-AW 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS L (DRY AND WET)

VC38M2-AW 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS M (DRY AND WET)



VC38L2-AW 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS L (DRY AND WET)

VC38M2-AW 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS M (DRY AND WET)

PARTS LIST

No.	Parts No.	Description	Q'ty
101	VC-LSAB6012	Screw Sus 3/16x1/2	4
102	VC-LSAA6A01	Screw M6x25	4
103	VC-V111C110F5	Motor Top Cover	1
104	VC-V11D211099	Support Plate-Back	1
105	VC-LSBA0A02	Washer 5x10x1 (RoHS)	4
106	VC-LSAB6004	Screw 5/32x3/8 (RoHS)	4
107	VC-V11D212099	Support Plate-Front	1
108	VC-V116B20097	Handle Cover	1
109	VC-V116B10097	Handle	1
110	VC-LSBA0A03	Washer 5x12 (RoHS)	2
111	VC-LSAB6003	Screw Sus 5/32x1/2 (RoHS)	2
112	VC-V11D112195	Panel Cover	1
113	VC-LSAA6D03	Screw 4x14 (RoHS)	4
114	VC-V131750008	Power Light	1
115	VC-V13137007Z	Switch	1
116	VC-V131253098	Switch	1
117	VC-V131221098	Switch	1
118	VC-V133GE3098	Socket With Cover	1
119	VC-LSAA5A05	Screw 4x12 (RoHS)	4
120	VC-PV4D1120	Monitor Bottom Seat	1
121	VC-LSAA6C01	Screw 3.5x12 (RoHS)	4
122	VC-V11D220092	Cover	1
123	VC-LSAA8E01	Screw 3.5x25	2
124	VC-V134220095	Cord Holder	1
125	VC-LSAA6D03	Screw 4x14 (RoHS)	12
126	VC-V11911800L	Outlet Sealing	1
127	VC-LSAA6D03	Screw 4x14 (RoHS)	2
128	VC-V134120095	Wire Hood	1
129	VC-V132GE2B98	Cord	1
130	VC-V111B700Z0	Motor Exhaust Hood	1
131	VC-V12943209E	Gasket	1
132	VC-V141630000	Air Filter Sensor	1
133	VC-V11943109R	Gasket	1
134	VC-V11928109P	Motor Top Cover Gasket	1
135	VC-PV1AZA21	Gasket	1
136	VC-V121C50000	Motor	1
137	VC-V139870008	Insulating Sleeves	2
138	VC-V11928209P	Motor Top Down Gasket	1
139	VC-V11911830L	Silencer Cotton	2
140	VC-V11911840L	Silencer Cotton	2
141	VC-V11911810L	Silencer Cotton	2
142	VC-V11911820L	Silencer Cotton	2
143	VC-LSAB6004	Screw 5/32x3/8 (RoHS)	4
144	VC-V11D300003	Barrier Plate	2
145	VC-LSAB3006	Screw 1/8x1/2	4
146	VC-V11D310097	Hook	2
147	VC-V11D320092	Cover	1
148	VC-LSAB6004	Screw Sus 5/32x3/8	2

No.	Parts No.	Description	Q'ty
149	VC-V111A10092	Main Cover	1
150	VC-LSAA6D06	Screw 1/8x1/2 (RoHS)	2
151	VC-V141350020	Control IC	1
152	VC-PV1MA020	Filter Shaker Motor Set	1
153	VC-V11933009R	Plastic Sealing	1
154	VC-V11D331097	Fixed Clip	1
155	VC-V11D332097	Fixed Clip	1
156	VC-LSBA0A03	Washer 5x12 (RoHS)	2
157	VC-LSAB6003	Screw Sus 5/32x1/2 (RoHS)	2
158	VC-LSAA6D03	Screw 4x14	3
159	VC-V139710048	Motor Earth Wire	1
160	VC-V139200028	Wire	1
161	VC-V139100008	Control IC Switch Cord	1
162	VC-V139151028	Control IC Switch Cord	1
163	VC-V139142028	Twin-End Terminal	1
164	VC-V139141028	Twin-End Terminal	1
165	VC-V139710048	Motor Earth Wire	1
166	VC-V139206008	Wire	1
167	VC-V139207008	Wire	1
168	VC-V139203090	Wire	1
169	VC-V265000058	Wire	1
201	VC-V2111700K5	Tank	1
202	VC-LSAB6012	Screw Sus 3/16x1-1/2	3
203	VC-LSAA4A03	Screw M3x12	2
204	VC-V262000003	Iron Sheets	1
205	VC-V261000003	Iron Sheets	1
206	VC-V26400009P	Rubber Gasket	1
207	VC-V2142FA092	Inlet Seat	1
208	VC-V2142F309P	Inlet Plastic Senling	1
209	VC-V2142F2092	Inlet	1
210	VC-V2142F0095	Inlet Cover	1
301	VC-V3321F00K5	Trolley Seat	1
302	VC-LSAB6003	Screw Sus 5/32x1/2 (RoHS)	7
302	VC-V311160097	Wheel 3"	2
304	VC-V313800009	Stick φ12.7x463mm	1
305	VC-LSEA0B01	E9 Ring	6
306	VC-LSBA0A09	Washer 1/2x23x2.0 (RoHS)	6
307	VC-V312610090	Wheel 7.5"	2
308	VC-V3141000K2	Wheel Cover	2
309	VC-V333710092	Connector	2
310	VC-LSAA6D10	Screw 3/16x5/8 (RoHS)	4
401	VC38-401	Paper Filter (Class L)	1
	VC38-401A	Paper Filter (Class M/HEPA)	1
402	VC-V11A330095	Filter Frame	1
403	VC-V4A400104D	Paper Bag	1
404	VC-PV4B0171	Hose	1
405	VC-V11980019E	Wet Filter	1

EU Declaration of Conformity (DOC)

We: **SUMAKE INDUSTRIAL CO., LTD.**

4F, No. 351, Yangguang St., Neihu District, Taipei City, Taiwan

declare in sole responsibility that the equipment

Equipment : **VACUUM CLEANER**

Model/ Serial No. : **VC38L2, VC38L2-A, VC38L2-AE, VC38L2-E
VC38M2, VC38M2-A, VC38M2-AE, VC38M2-E
VC38L2-AW, VC38L2-AEW, VC38M2-AW, VC38M2-AEW**

The object of the declaration described above is in conformity with the relevant union harmonization legislation:

- Machinery Directive: 2006/42/EC
- Low Voltage Directive: 2014/35/EU
- Electromagnetic Compatibility 2014/30/EU
- RoHS 2011/65/EU

The following harmonised standards and technical specifications have been applied:

- EN ISO 12100:2010
- EN ISO 4414:2010
- EN 60204-1:2018
- EN 60335-1:2012+A15:2021
- EN 60335-2-21:2021+A1:2021
- EN IEC 61000-6-2:2019
- EN IEC 61000-6-4:2019

Name and Signature/Position



Mike Su – Managing Director

Date and Place

2022/12/20

Taipei, Taiwan

VC38-D-2307C-KDF