

SUMAKE[®]

Professional & Industrial

INSTRUCTION MANUAL

ITEM NO.: **VC38L2-A, VC38M2-A**
38L VACUUM CLEANER
(220-240V)



VC38L(M)2-A-I-2011C-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 It will cause injury for improper operations.

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

| | |
|---|---|
|  <ul style="list-style-type: none"> ● Please disassemble, repair or reconstruct this machine by qualified technical personnel to prevent any unusual work and injury. |  <ul style="list-style-type: none"> ● Please don't pick up the below materials by the machine to avoid fire, explosion or injury. <ul style="list-style-type: none"> ⊙ 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. |
|  <ul style="list-style-type: none"> ● Do not wipe or pour oil or water into the machine. Moisture entering the product will cause electric shock or wire short. | |
|  <ul style="list-style-type: none"> ● Please disconnect the power source before safety checking or cleaning to prevent electric shock or injury. |  <ul style="list-style-type: none"> ● 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. |
|  <ul style="list-style-type: none"> ● Never use damaged power plug. Damaged plug would result electric shock, wire short and fire. |  <ul style="list-style-type: none"> ● 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

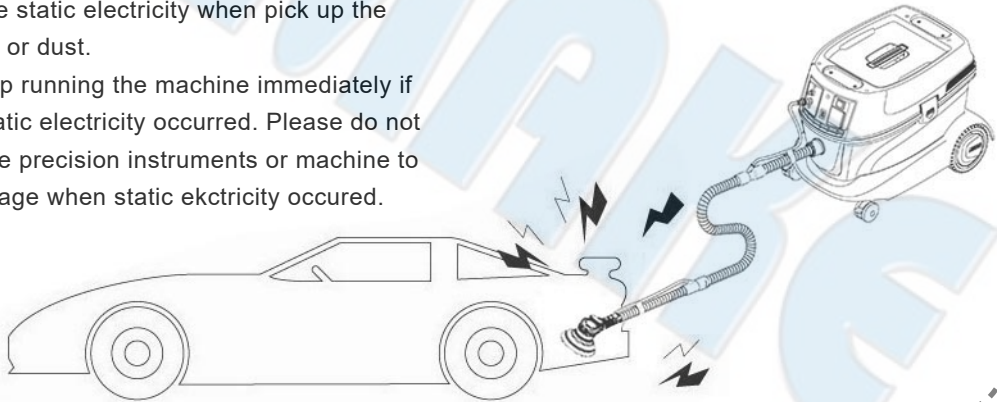
Additional Safety Rules

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

A

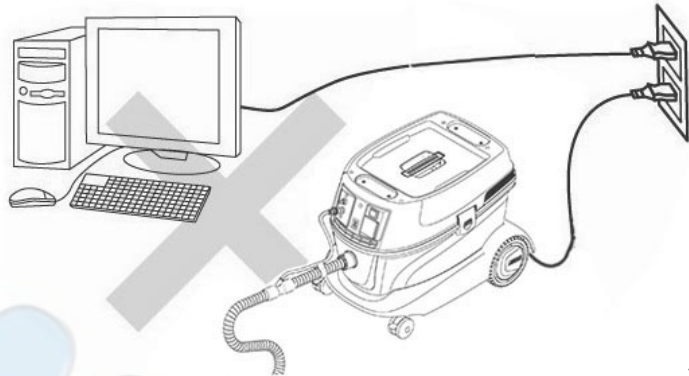
Beware the static electricity when pick up the iron power or dust.

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.



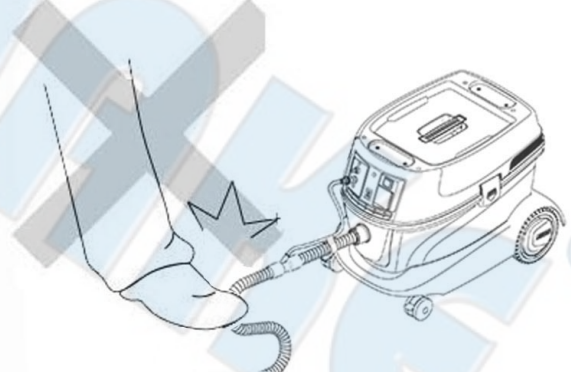
B

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.

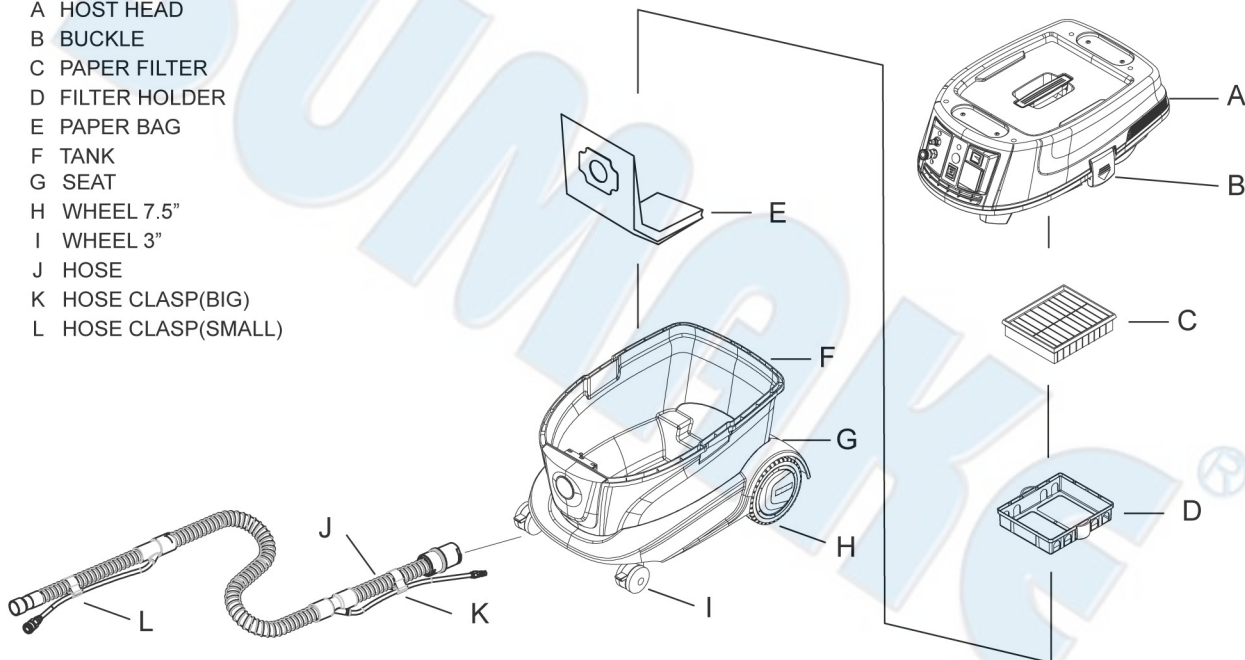


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Parts Name

VC38L(M)2-A

- A HOST HEAD
- B BUCKLE
- C PAPER FILTER
- D FILTER HOLDER
- E PAPER BAG
- F TANK
- G SEAT
- H WHEEL 7.5"
- I WHEEL 3"
- J HOSE
- K HOSE CLASP(BIG)
- L HOSE CLASP(SMALL)



Specifications

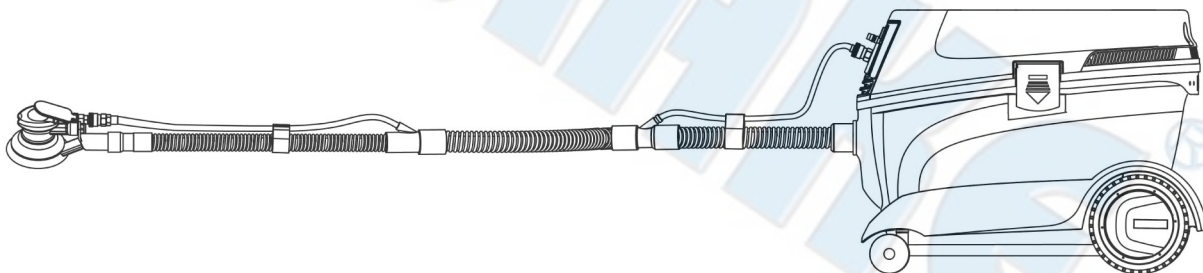
| | |
|--|-------------------------------|
| Model: VC38L(M)2-A | Drum Capacity: 38L |
| Voltage: 220~240V 50/60Hz | Consumption Power: 1150~1350W |
| Max Vacuum: 2450mmH ₂ O±10% | Measurement: 790*545*570(mm) |
| Air Flow: 2.9m ³ /min±10% | Weight: 16.82kgs |

Specifications

| | |
|--|------------------------------|
| Model: VC38L(M)1-A | Drum Capacity: 38L |
| Voltage: 120V 60Hz | Consumption Power: 1250W |
| Max Vacuum: 2450mmH ₂ O±10% | Measurement: 790*545*570(mm) |
| Air Flow: 2.9m ³ /min±10% | Weight: 16.82kgs |

4

Use Dispose



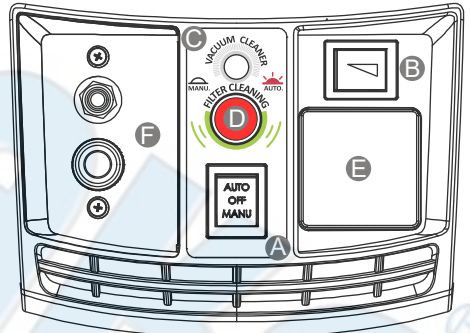
1 PREPARATION

- 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:

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.



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.

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.

220V~240V: Note: the power of power tool can't be over 1000W, it will be overload and cause fire.

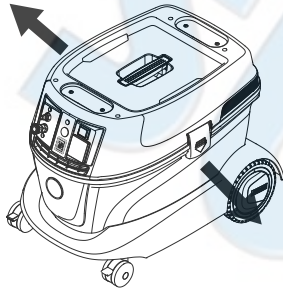
120V: Note: the power of power tool can't be over 500W, it will be overload and cause fire.

F PNEUMATIC TOOL- TRIGGER MODULE CONNECTOR:

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

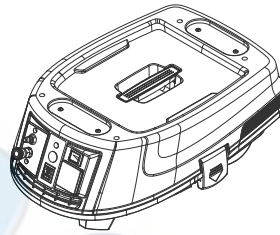
6

Clean and Maintenance



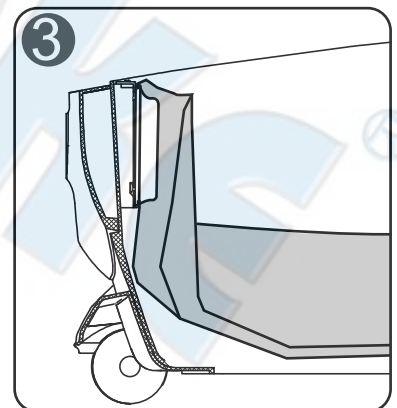
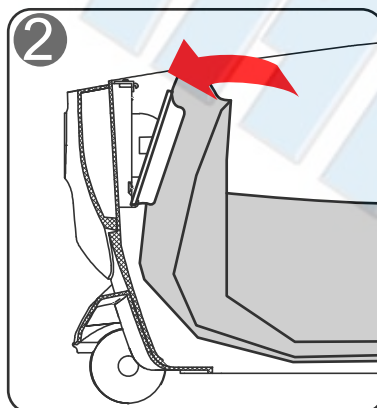
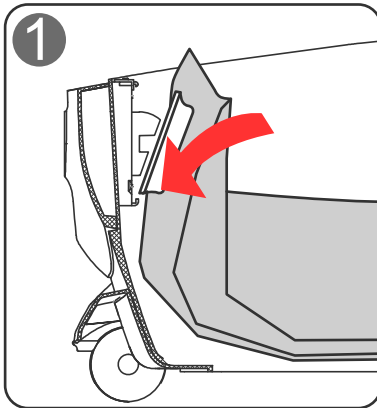
Notice

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



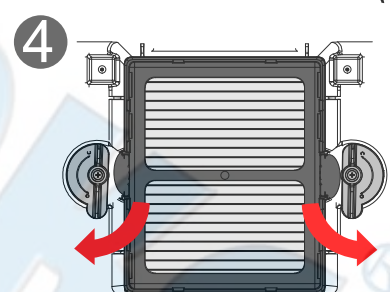
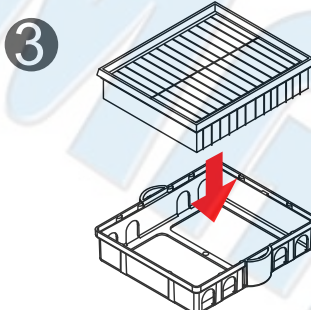
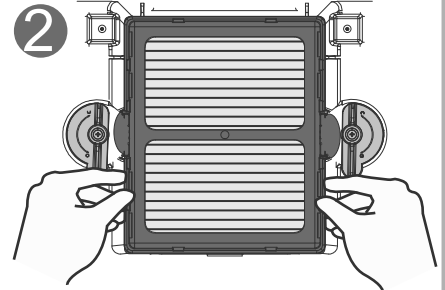
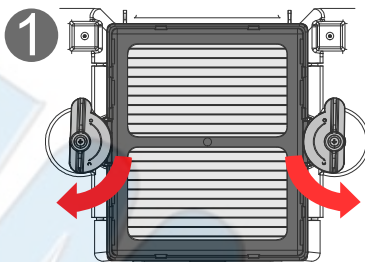
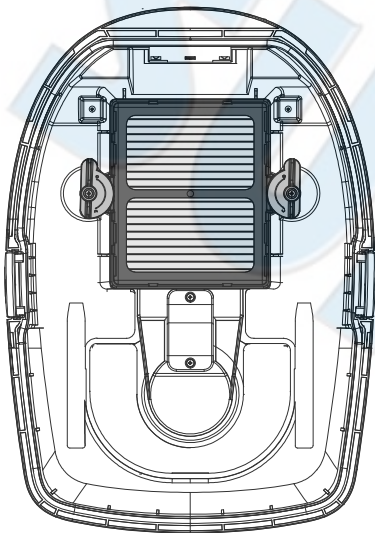
Remove the head unit and store in a proper place to prevent contamination and damage.

PAPER BAG EMBEDDED:



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

FILTER REPLACEMENT :



- Available to use soft brush or high pressure air gun for periodically cleaning.
 - Replace the filter regularly for maintenance.
- ※ Recommend replacing the parts every three months in normal maintenance procedure.

7

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 | 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. |
| | Malfunction of AUTO filter cleaning system | Malfunction of sensor, lead to actuate AUTO filter cleaning mode unsuccessfully. Please contact maintenance service of our company. |

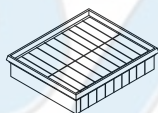
- Check: Please check the parts or accessories (Hose, wire, paper bag, filter rack and filter) if need to be replaced.
- If the power cord is damage, please requests profession and technical personnel to replace it.

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

8 Expendables



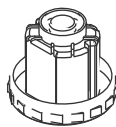
● PAPER BAG



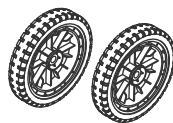
● PAPER FILTER



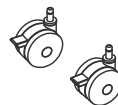
● HOSE



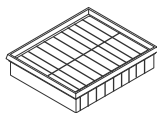
● MOTOR



● WHEEL 7.5"

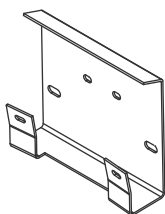


● WHEEL 3"



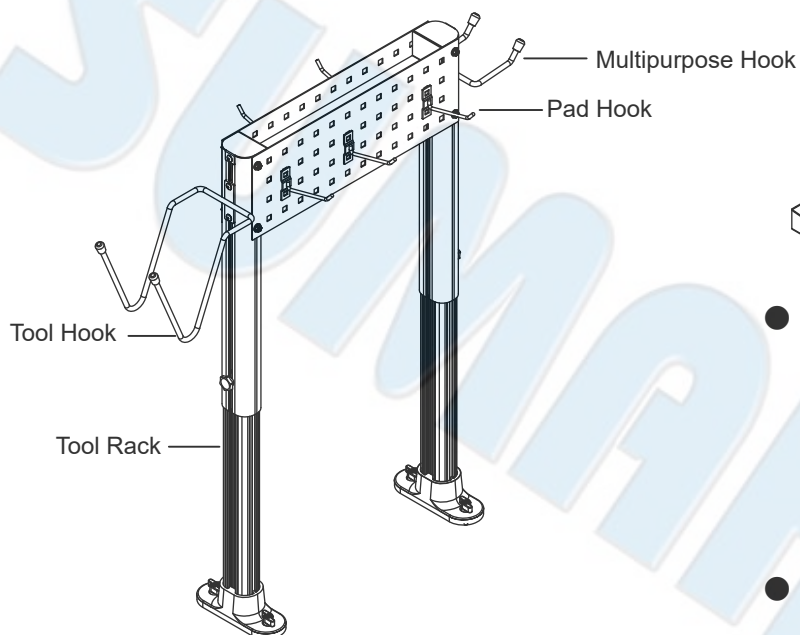
● PAPER FILTER (M Dust class)

9 Option



● Hose Hook

Hose Hook

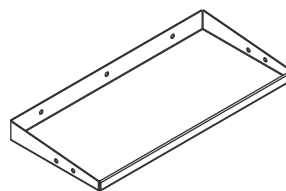


Tool Hook

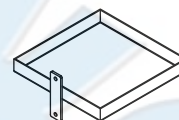
Tool Rack

Multipurpose Hook

Pad Hook



● Compartment Tray (Big)

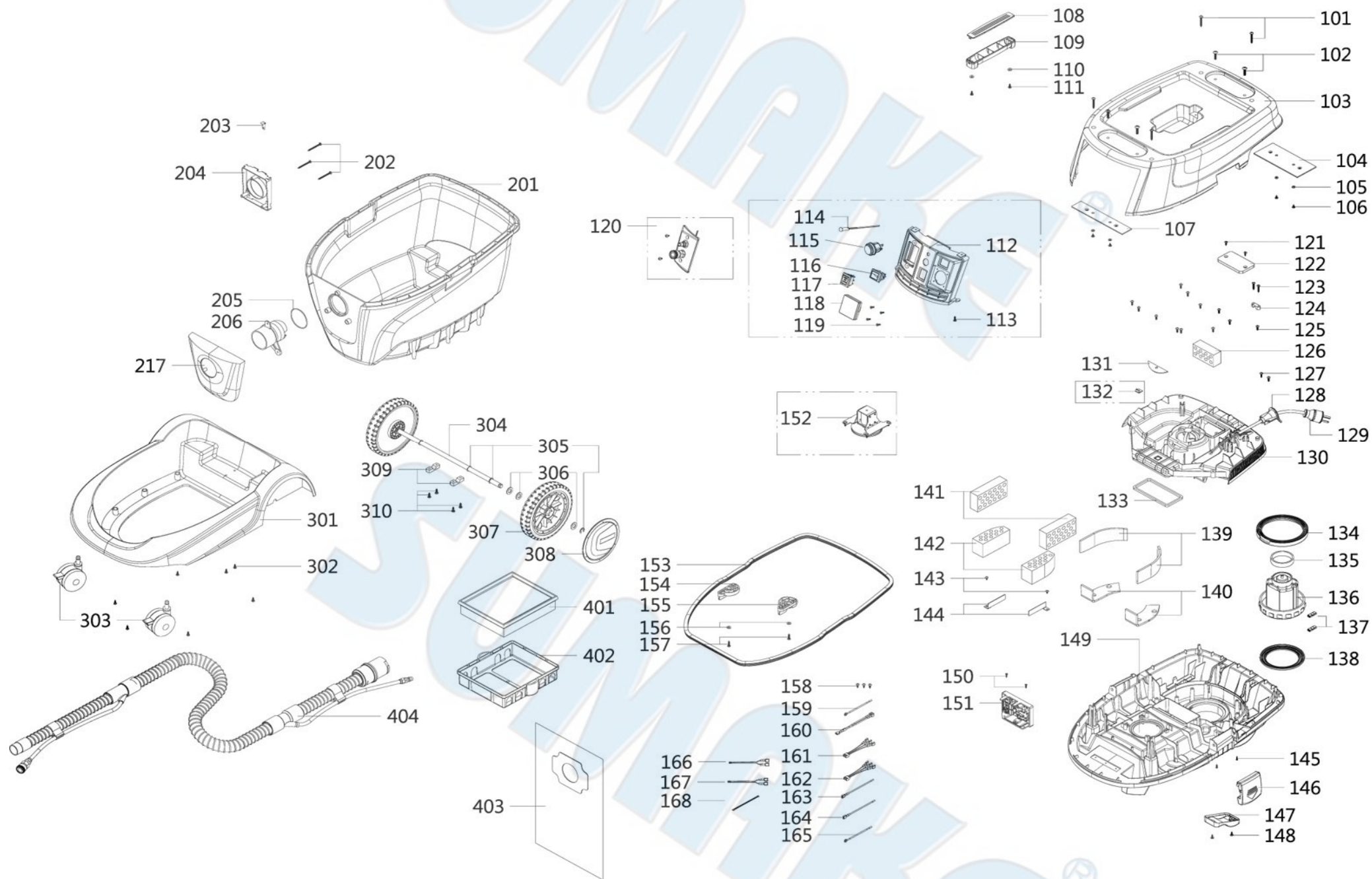


● Compartment Tray (Small)

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

VC38L2-A 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS L

VC38M2-A 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS M



VC38L2-A 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS L

VC38M2-A 38L VACUUM CLEANER (FOR AIR & ELECTRIC TOOL), FILTER CLASS M

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 |
| 167 | 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 |

| No. | Parts No. | Description | Q'ty |
|-----|---------------|--|------|
| 146 | VC-V11D310097 | Hook | 2 |
| 147 | VC-V11D320092 | Cover | 1 |
| 148 | VC-LSAB6004 | Screw SUS 5/32x3/8 | 2 |
| 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-V139711048 | Motor Earth Wire | 1 |
| 166 | VC-V139206008 | Wire | 1 |
| 167 | VC-V139207008 | Wire | 1 |
| 168 | VC-V139203090 | Wire | 1 |
| 201 | VC-V2111700K5 | Tank | 1 |
| 202 | VC-LSAB6012 | Screw SUS 3/16x1-1/2 | 3 |
| 203 | VC-V262000003 | Iron Sheets | 1 |
| 204 | VC-V2142F1092 | Inlet Seat | 1 |
| 205 | VC-V2142F309P | Inlet Plastic Senling | 1 |
| 206 | VC-V2142F2092 | Inlet | 1 |
| 207 | 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 $\phi 12.7 \times 463 \text{mm}$ | 1 |
| 305 | VC-LSEA0B01 | E9 RING | 6 |
| 306 | VC-LSBA0A09 | Washer 1/2*23*2.0 (RoHS) | 6 |
| 307 | VC-V312610090 | Wheel 7.5" | 2 |
| 308 | VC-V3141000K2 | Wheel cover | 2 |
| 309 | VC-V333710092 | Fixed block | 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 |

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