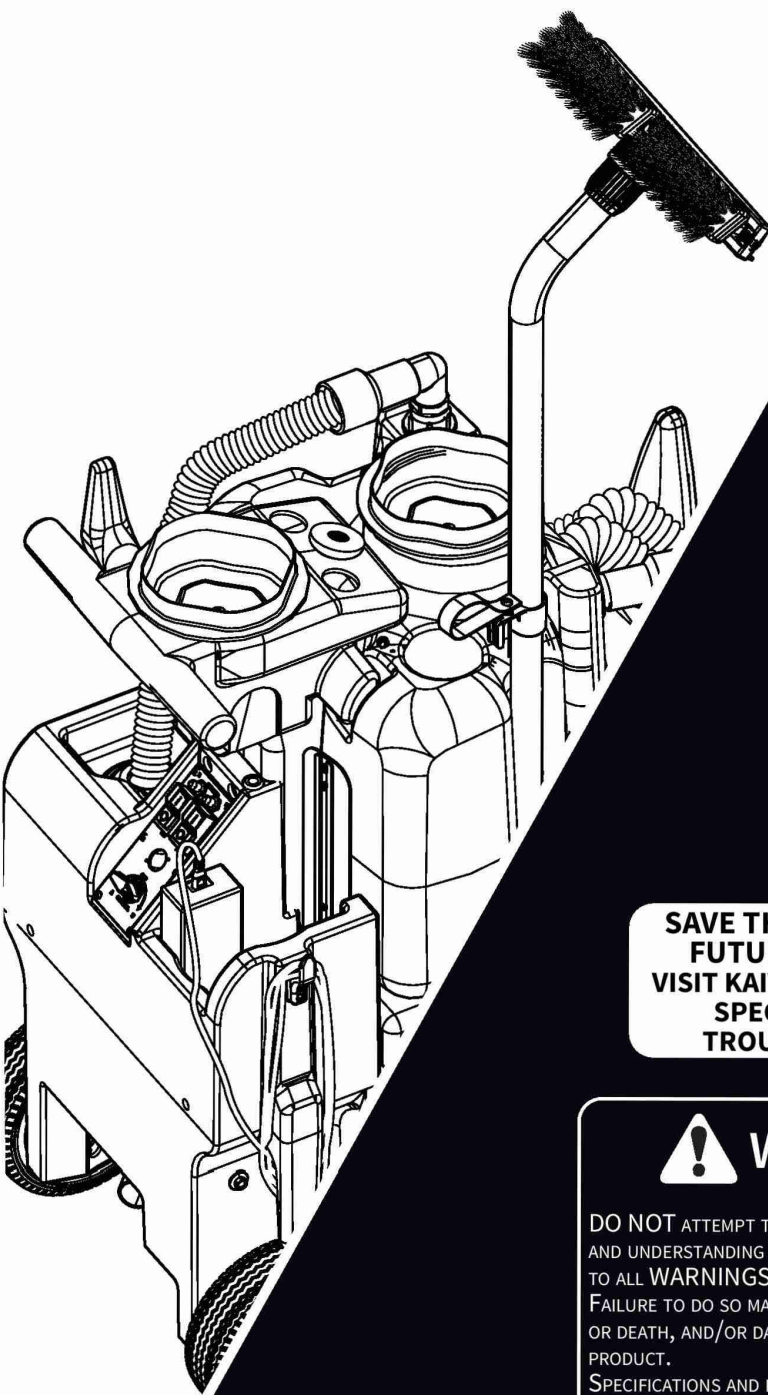




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OPERATOR'S MANUAL

NO-TOUCH CLEANING®



**SAVE THIS MANUAL FOR
FUTURE REFERENCE
VISIT KAIVAC.COM FOR FULL
SPECIFICATIONS &
TROUBLESHOOTING**



WARNING

DO NOT ATTEMPT TO OPERATE THE UNIT BEFORE READING AND UNDERSTANDING THIS MANUAL. PAY CLOSE ATTENTION TO ALL WARNINGS, CAUTIONS AND NOTICES. FAILURE TO DO SO MAY CAUSE SERIOUS PERSONAL INJURY OR DEATH, AND/OR DAMAGE TO PROPERTY OR YOUR KAIVAC PRODUCT. SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE WITHOUT NOTICE. FOR MOST UP TO DATE SAFETY INFORMATION, VISIT KAIVAC.COM

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KAIVAC LIMITED WARRANTY

- i. Limited Warranty. Kaivac warrants to the original purchaser that the Products will be free from defects in materials and workmanship when properly assembled, installed, operated, maintained, and stored in accordance with Kaivac's instructions and recommendations (the "Limited Warranty"), subject to the exclusions and limitations set forth in this Limited Product Warranty.
- ii. Limited Warranty Periods. The applicable Limited Warranty periods are as follows:
 - a. **TANK AND TROLLEY LIMITED WARRANTY.** The vacuum tank and trolley components of the Product are warranted for a period of **Five (5) Years** from the date of purchase.
 - b. **VACUUM MOTOR and PUMP LIMITED WARRANTY** (excluding Battery). The battery interface and related components (excluding lithium-ion batteries), vacuum motor, and pump are warranted for a period of **Three (3) Years** from the date of purchase.

A Limited Lifetime Warranty for the OmniFlex vacuum motor is available to customers who purchase a Kaivac chemical subscription concurrently with the initial purchase of the OmniFlex unit and maintain the subscription without interruption for the duration of ownership. Eligibility for the warranty is conditioned upon the exclusive use of Kaivac-supplied chemicals in the OmniFlex unit. Any cancellation, lapse, or discontinuation of the subscription will immediately terminate the Limited Lifetime Warranty. Compliance with the requirements of the OmniFlex Limited Lifetime Warranty shall be determined by Kaivac.
 - c. **LABOR LIMITED WARRANTY.** Labor authorized by Kaivac and performed by a service provider selected or approved by Kaivac is warranted for **One (1) Year** from the date the labor is performed, not to exceed the warranty period applicable to the repaired or replaced component.
 - d. **BATTERY LIMITED WARRANTY.** Lithium-ion batteries are warranted for a period of **Two (2) Years** from the date of purchase.
 - e. **REPLACEMENT PARTS.** Replacement parts, excluding Accessories, are warranted for a period of **ninety (90) days** from the date of purchase.
- iii. Limited Warranty Remedy. For any valid warranty claim, Kaivac shall, at its sole option, repair or replace the defective Product or component. If Kaivac authorizes a repair, such repair shall not extend the original Limited Warranty period. If Kaivac provides a replacement Product or component, the Limited Warranty shall continue only for the remainder of the original Limited Warranty period. The remedies set forth in this Limited Product Warranty are the original purchaser's exclusive remedies and Kaivac's sole liability for any breach of the Limited Warranty.
- iv. Exclusions. The Limited Warranty does not apply to:
 - a. Accessories, including without limitation squeegee blades, wheels, hoses, seals, gaskets, cords, casters, HEPA filter cartridges, chemical feed caps, spray guns, GFCIs, and vacuum wand assemblies (collectively, "Accessories");
 - b. Normal wear and tear;
 - c. Any Product repaired, altered, or modified in a manner that, in Kaivac's judgment, adversely affects operation, performance, durability, or intended use;
 - d. Misuse, abuse, negligence, accidents, or failure to operate, maintain, or store the Product in accordance with Kaivac's instructions, recommendations, and warnings;
 - e. Use of high-foaming or corrosive chemicals;
 - f. Use of non-Kaivac batteries or chargers, or improper battery installation;
 - g. Loss of IoT functionality resulting from failure to maintain required network connectivity or failure to permit installation of Kaivac-issued firmware, security certificate, or software updates
 - h. Use of a lithium-ion battery more than five (5) years from the date of purchase; or
 - i. Modification of, or attempted modification to, the Product by anyone other than Kaivac or a service provider authorized by Kaivac

KAIVAC LIMITED WARRANTY (CONTINUED)

Kaivac shall have sole authority to determine whether a warranty claim is excluded under this Limited Product Warranty.

- v. **Warranty Claim Costs.** The original purchaser shall be responsible for all freight, shipping, travel, and related costs associated with warranty service. For warranty claims made outside the country where the Product was originally purchased, the original purchaser shall also be responsible for all duties, taxes, and import-related charges.
- vi. **Disclaimer of Other Warranties.** EXCEPT AS OTHERWISE EXPRESSLY STATED HEREIN, KAIVAC MAKES NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT SUCH WARRANTIES CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE APPLICABLE EXPRESS WARRANTY PERIOD.
- vii. **Exclusion of Damages.** TO THE FULLEST EXTENT PERMITTED BY LAW, KAIVAC SHALL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES ARISING OUT OF OR RELATING TO ANY PRODUCT OR THE LIMITED WARRANTY, INCLUDING LOSS OF USE, LOSS OF REVENUE, LOSS OF PROFITS, OR PROPERTY DAMAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THESE LIMITATIONS SHALL APPLY EVEN IF ANY EXCLUSIVE REMEDY FAILS OF ITS ESSENTIAL PURPOSE. THE REMEDIES SET FORTH IN THIS WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON UNDER THIS WARRANTY. SOME STATES/PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS, AND EXCLUSIONS IDENTIFIED ABOVE, AND AS A RESULT, THEY MAY NOT APPLY TO YOU
- viii. **No Other Warranties.** No employee, agent, representative, dealer, or retailer has authority to modify, expand, or create any representation or warranty regarding the Product on behalf of Kaivac unless expressly authorized in writing by Kaivac. Kaivac reserves the right to modify, amend, or discontinue this Limited Warranty at any time. The most current version of the Limited Warranty may be found at www.kaivac.com. The Limited Warranty in effect on the date of purchase shall govern the warranty coverage applicable to the Product.

Consult Kaivac.com for current Product(s) information and Limited Warranty. For any questions or warranty service, please contact Kaivac Customer Service at 1/800-287-1136 (Outside the U.S. Call 513-887-4600).

Version 9-3-2026

PHONE:

United States and Canada: 1-800-287-1136

International: 1-513-887-4600

EMAIL:

info@kaivac.com

For Technical Support Contact Form go to: <https://www.kaivac.com/contactus.php> and choose Technical\Support tab.

2680 Van Hook Avenue, Hamilton, OH 45015 / 800-287-1136 / kaivac.com

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IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS
CONSULT KAIIVAC.COM FOR THE MOST UP TO DATE SAFETY PRECAUTIONS
READ ALL INSTRUCTIONS BEFORE USING (THIS UNIT)



WARNING

SAFETY ALERT WARNING indicates a hazardous situation which, if not avoided, COULD result in serious injury or death



CAUTION

SAFETY ALERT CAUTION indicates a hazardous situation which, if not avoided, COULD result in minor to moderate injury.

NOTICE

NOTICE provides key information by clarifying instructions.

When using an electrical unit, basic precautions should always be followed, including the following:



**RISK OF ELECTRIC SHOCK, FIRE, EXPLOSION,
AND SERIOUS PERSONAL INJURY OR DEATH**

GENERAL SAFETY INSTRUCTIONS (APPLICABLE TO CORDED AND BATTERY UNITS):

- For commercial use only.
- Use unit only as described in this Manual. Use only Kaivac's recommended attachments.
- Follow the maintenance instructions specified in this Manual.
- For indoor use only. Store indoors.
- Stay alert - watch what you are doing. DO NOT overreach or stand on unstable support. Keep good footing and balance at all times.
- Keep operating area clear of all persons.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- NO COMBUSTIBLES! Sparks inside the motor can ignite flammable vapors or dust. Do not use unit near combustible liquids and gases, or to pick up explosive dusts or gasoline.
- Know how to stop the unit and bleed pressures quickly. Be thoroughly familiar with the unit's controls before operating.
- DO NOT allow unit to be used as a toy and unit should not be operated by children. Close attention is necessary when used near children.
- Use extra care when cleaning on stairs.
- DO NOT operate the unit when fatigued or under the influence of alcohol or drugs.
- DO NOT put any object into unit's openings. Do not use with any of the unit's opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- DO NOT pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- DO NOT operate without the Vacuum Motor Float Cage installed. If float is removed, reinstall by screwing back into place.
- DO NOT use without filters in place.
- **Personal Protective Equipment (PPE): It is recommended to wear proper personal protective equipment as required by the chemical product label instructions used in conjunction with the unit. For Kaivac chemical products, refer to product label.**

SPRAY SYSTEM SAFETY INSTRUCTIONS:

- DO NOT spray liquid from the unit or attachments onto electrical outlets or any electrical devices.
- Risk of injection or injury to persons - DO NOT direct discharge stream at persons.
- INJECTION HAZARD: Unit can cause serious injury if the spray permeates the skin. Do not point the spray gun at anyone or any part of the body. In case of permeation, seek medical aid immediately.
- THIS UNIT IS CAPABLE OF PRODUCING 500 PSI (3447 kPa). To avoid rupture and injury, do not operate this pump with components rated less than 500 PSI (3447 kPa) working pressure (including but not limited to spray guns, hose, and hose connections); and before servicing, cleaning or removal of any part, shut off power and relieve pressure.
- High pressure cleaners, such as this unit, shall not be used by children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or untrained personnel. Children should not play with the unit. Cleaning and user maintenance should not be performed by children.

CORDED UNITS SAFETY INSTRUCTIONS (APPLICABLE TO CORDED UNITS):

- Inspect cord and plug prior to use. Do not use with damaged cord or plug. If unit is not working as it should, has been dropped, damaged, left outdoors or dropped into water, do not use or charge and return unit to a Kaivac service center.
- This unit may also have been provided with a ground fault circuit interrupter (GFCI) built into the power cord. If replacement of the plug or cord is needed, use only identical replacement parts. Test the unit's ground fault circuit interrupter (GFCI) before each use.
- Turn off the unit before unplugging. Do not leave unit when plugged in. Unplug from outlet when not in use and before servicing.
- Turn off all controls before unplugging.
- Connect to a properly grounded outlet only. Do not remove ground pin on plug. See Grounding Instructions below.
- This unit comes with a grounded attachable extension cord. If cord is damaged, replace with equivalent 120v, 15amps, 14GA rated cord. This cord must be attached and mechanically secured using the provided cord connector to use the unit.
- The unit must be disconnected from any electrical or battery source when the unit is being cleaned or maintenance of unit or when replacing parts
- Keep all connections dry and off the ground. If using extension cord with unit, make sure the connection is above and off the floor and away from exposure to liquid.
- Keep the cord away from heated surfaces.
- DO NOT handle plug or unit with wet hands.
- DO NOT pull or carry by cord, use cord as handle, close a door on cord, or pull cord around sharp edges or corners. Do not run unit over cord. Keep cord away from heated surfaces.
- DO NOT unplug by pulling on cord. To unplug, grasp the plug, not the cord.

IMPORTANT SAFETY INSTRUCTIONS (CONTINUED)

SAVE THESE INSTRUCTIONS
CONSULT KAIIVAC.COM FOR THE MOST UP TO DATE SAFETY PRECAUTIONS
READ ALL INSTRUCTIONS BEFORE USING (THIS UNIT)

When using an electrical unit, basic precautions should always be followed, including the following:



BATTERY UNITS SAFETY INSTRUCTIONS (APPLICABLE TO BATTERY UNITS):

- **Never use a battery that has been damaged in any way.** Damaged batteries may exhibit unpredictable behavior.
- **Never use or charge a damaged battery pack.**
- **ONLY USE** with Kaivac, Inc. battery, and charger.
- Inspect the battery before each use for damage, dents, cracks, or holes.
- If included with legacy unit, the battery splash cover must remain in place. Without the battery splash cover, the battery housing may become damaged which may cause the battery to malfunction, which can result a fire, explosion, personal injury, and/or property damage.
- If your unit contains a chemical-resistant plastic protective helmet, consult the Helmet Addendum for additional instructions and warnings.
- Exposure of units to airborne polyunsaturated fats in the food service industry may cause deterioration of battery components. Failure to inspect and use as instructed may result in fire explosion, personal injury, or property damage.
- Under certain conditions, including damage or liquid infiltrating the battery's interior cells, the battery may emit smoke, sparks, or fire. Liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Stop use immediately if the battery or unit sparks or shows signs of fire. And may result in fire.
- If unit or battery emits fumes, smoke, sparks, or fire, discontinue use immediately. Do not touch battery. If unit can be safely moved, move outside to a well ventilated fire safe area away from people or combustible material.
- DO NOT attempt to repair, service or modify the batteries or charger. Contact Kaivac Technical Support with any issues.
- Disconnect the battery from the unit before making any adjustments, changing accessories, or storing unit. Such preventive safety measures reduce the risk of starting the unit accidentally.
- When charging battery, make sure charger or unit has at least 6 inches of clearance on all sides for adequate air flow.
- When battery is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Connecting or shorting the battery terminals together may cause burns or a fire.
- Keep heat sources, sparks, and flames away from batteries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery, picking up or carrying the unit. Do not carry the unit with your finger on the switch. Energizing an unit that has the switch on invites accidents.
- DO NOT allow battery to be submerged in water.
- DO NOT use a battery that has been submerged in water, or if water has infiltrated the battery housing even if it appears to be working.
- DO NOT charge batteries outdoors.
- DO NOT short-circuit the battery or charger terminals with conductive items such as paper clips. This can deliver high current.
- DO NOT crush or drop the battery.
- DO NOT expose a battery or unit to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause explosion.
- DO NOT use or store the NTC System or battery in refrigerated areas, in environments when the battery is in direct contact with liquids, or near flammable or combustible materials.
- DO NOT charge or store battery for extended time (1 month or more) in temperatures below 40°F (4°C).
- DO NOT remove any part of the battery, charging unit, or unit: If your unit has a chemical-resistant plastic protective helmet, do not remove it.
- DO NOT plug battery in while Vacuum Motor is in ON position. It may damage the system.
- DO NOT incinerate the battery even if it is non-working or severely damaged. The battery can explode in a fire.
- DO NOT leave battery connected to charger once the charger light is green. Leaving battery on charger will diminish the life of the battery
- **Never dispose of the battery in the trash. It is important that your old, damaged battery is disposed of and/or returned as instructed by Kaivac Customer Care/Technical Support at 1-800-287-1136.**



CHARGER/ELECTRICAL WARNINGS:

- Inspect the charger, cords, and connections prior to each use.
- Follow all charging instructions and do not charge the battery or unit outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Connect charging cord to a properly grounded outlet only. See Grounding Instructions.
- DO NOT use charger if it has a damaged cord or plug.
- DO NOT operate charger if it has received a sharp blow, been dropped, or damaged in any way.
- DO NOT handle charger, including charger plug and charger terminals, with wet hands while charger is plugged in or while inserting plug into electrical outlet.
- DO NOT leave charger plugged in when not in use.
- DO NOT plug in charger while Vacuum Head is in ON position. It may damage the unit's electrical system.
- DO NOT pull on charger cord to unplug. Grasp and pull the plug, not the cord.
- DO NOT carry charger by cord.

To recycle battery, call Kaivac Customer Care at 1-800-287-1136 to order a recycling box.

Disposal of batteries are regulated by federal law and must be done properly.

BATTERY INFORMATION

Keep Batteries at Room Temperature: Store between 32 and 113 degrees F (0°C to 45°C). Avoid battery exposure to extreme temperatures. If shelving battery longer than (1) month, deplete battery to 50% charge during storage period (two bars on the battery indicator).

Batteries Lose Capacity Over Time: Batteries naturally deteriorate over time whether being used or not. If battery use instructions are properly followed, batteries deteriorate at a rate of approximately 10% run time per year but may vary by patterns of use.

Fully Discharge vs. Partial Discharge and the Effect on Battery Cycles: Unlike lead acid batteries, the Lithium-ion battery used with Kaivac equipment is not damaged by full or partial discharging. The expected battery hours of use are approximately 600 hours and 400 charge cycles. If you discharge battery only to 80%, then the user can expect to get more cycles (500 cycles). With dual batteries make sure to alternate batteries per charge in order to maximize for life capacity.

Extended Storage: It is recommended to discharge to 50% capacity (two bars on the battery indicator) and store in a cool location (between 32°F to 113°F or 0°C to 45°C). To avoid battery impact, store battery laying down on its side on lowest shelf, and secured. If battery is dropped or experiences an impact or damage, discontinue use and replace. Never use a damaged battery, as a damaged battery may act in an unpredictable manner resulting in fire, explosion, property damage, or personal injury.

Battery Gauge: The Kaivac provided battery comes with a built-in Battery Gauge or which shows the approximate run time for the current charge remaining.

Replacement - End of Life: Rechargeable batteries eventually wear out. When your Kaivac Battery run time is less than 55% (i.e. 50 minutes for non-quick change and 33 minutes for Quick Change batteries), Kaivac recommends replacing your battery. Regardless of run time, contact Kaivac to replace your battery after 4 years. Consult kaivac.com for information on recycling your old battery through a licensed disposal facility.



DO NOT DISCARD BATTERY INTO TRASH! It is important to recycle your old batteries at your local authorized battery recycling facility or by calling [1-800-USA-CLEAN \(1-800-872-2532\)](tel:1-800-USA-CLEAN) and selecting Option 3.

Battery Specifications	
Weight	With Box, 11 lbs. (4,9 kg)
Body Material	Injection Mold Polypropylene
Dimensions (H x W x D)	18 x 7 x 5 in. (45,7 x 17,8 x 12,7 cm)
Voltage	36V DC
Battery Capacity	15 A-hr
Battery Current	15 A DC
Battery Type	Lithium-Ion
Approx. Run Time BOL (Beginning of Life)	60 minutes
Approx. Run Time EOL (End of Life)	35 minutes (discontinue use and take to recycling center)
Battery Box Receptacle	IP65 / IP67 (not required for UL)
Run Time Hour Meter	Acts as "odometer for battery" and runs only when motor switch is ON
Approx. Charge Cycles	400 @ 100% discharge / 500 @ 80% discharge
Cut off Voltage (fully discharged)	30V
Charger Specifications	
Approx. Charge Time	5 hours
Charger Amps	4 Amps
Charge Voltage	42V DC
Charger Voltage	110-240VAC / 36VDC (240VAC version only needs correct plug for wall outlet)
Charging Robustness	No special instructions
Battery Charge Memory	None
Battery Charge Gauge	Yes, LED Indicator
Approx. Charge Cycles	400 @ 100% discharge / 500 @ 80% discharge
Storage/Inventory:	
Storage & Operation Ambient Temp	32°F (0°C) to 113°F (45°C)
Storage & Shipping Charge	40-60% Charge (35-38VDC)

GROUNDING INFORMATION



Grounding: Corded Units

GROUND FAULT CIRCUIT INTERRUPTER PROTECTION (*for spray systems only*)

If your unit is a corded unit, it has been supplied with a ground-fault circuit-interrupter(GFCI) built into the plug of the power-supply cord. This GFCI device provides additional protection from the risk of electric shock. Should replacement of the plug or cord become necessary, use only identical replacement parts that include GFCI protection.

If your unit is a corded unit, it is for use on a nominal circuit and has a grounding attachment plug. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this unit.

GROUNDING INSTRUCTIONS

If your unit is a corded unit, it must be grounded. If the unit should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This unit is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local electrical codes and ordinances.



Improper connection of the unit-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the unit by removing the ground pin on the plug – if the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

This unit comes with a grounded attachable extension cord. If damaged, replace with Kaivac® (OEM) cord, or if necessary an equivalent cord rated 120V, 15 amps, 3-wire, 14 GA. This cord must be attached and mechanically secured using the provided cord connector to use the unit.

Grounding: Battery Units

GROUNDING INSTRUCTIONS

The charger must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This unit is equipped with a cord having equipment grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.



Improper connection of the unit-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the unit by removing the ground pin on the plug – if the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

This unit is for use on a nominal circuit and has a grounding attachment plug. Make sure that the unit is connected to an outlet having the same configuration as the plug. No adapter should be used with this unit.

GROUNDING INFORMATION (CONTINUED)

Make sure your extension cord is in good condition and is the correct size for your unit. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gage number, the heavier the cord. An undersized extension cord will cause a drop in line voltage resulting in loss of power and overheating.

Use only three-wire outdoor extension cords that have three-prong grounding receptacles that accept the unit's plug.



To reduce the risk of personal injury due to a loose electrical connection between the unit's plug and extension cord, firmly and fully attach the unit plug to the extension cord. Periodically check the connection while operating the unit to ensure it is fully attached. Do not use an extension cord that provides a loose connection. A loose connection may result in overheating, fire, and increases the risk of a burning.

To reduce the risk of disconnection of the unit's cord from the extension cord during operations:

- Make a knot as shown in Figure 1 below:

Figure 1 - Method of securing the appliance cord to the extension cord set

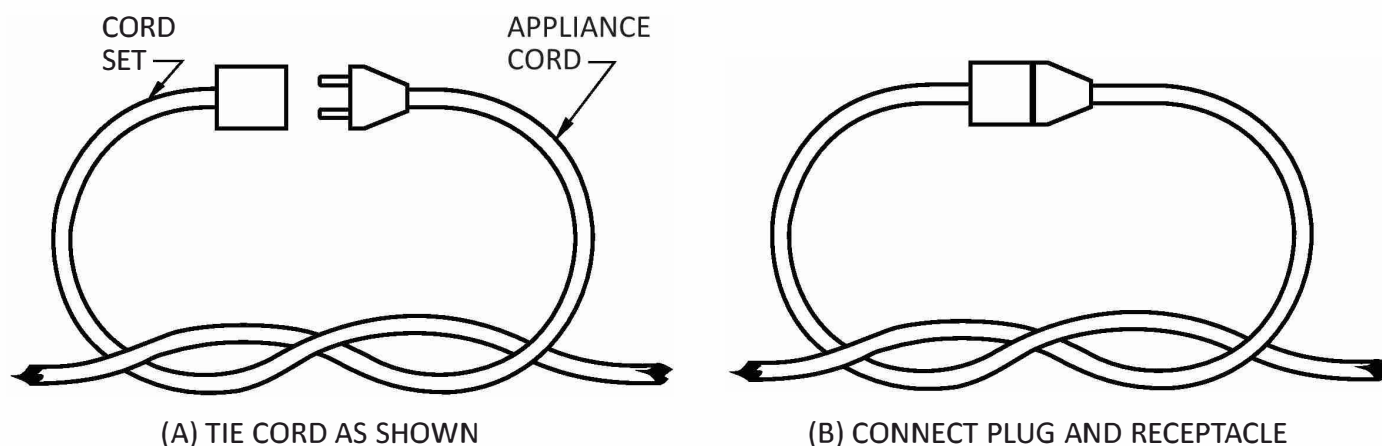


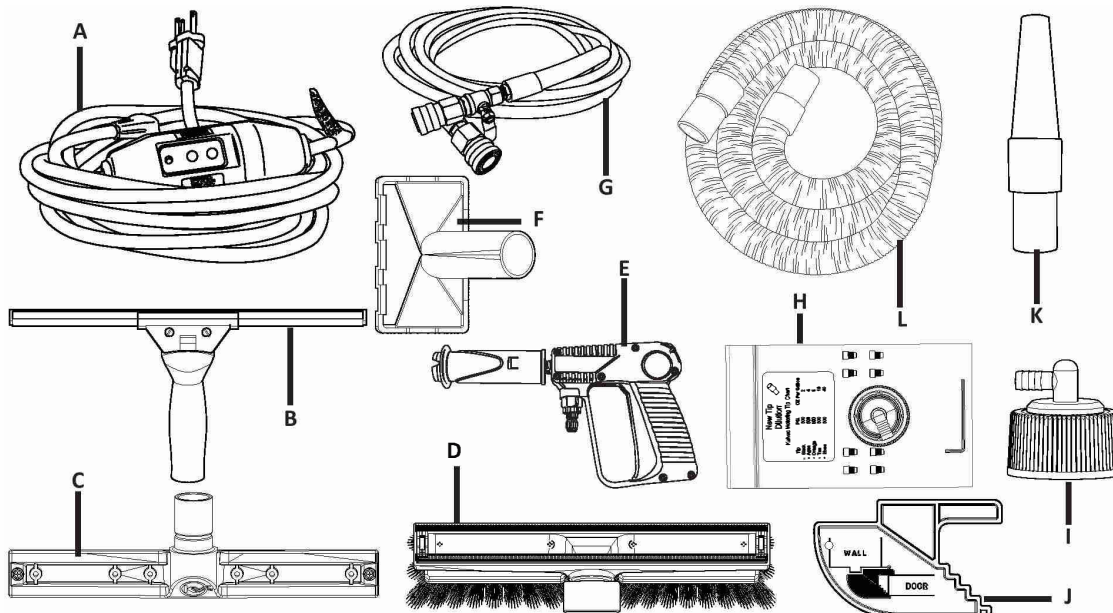
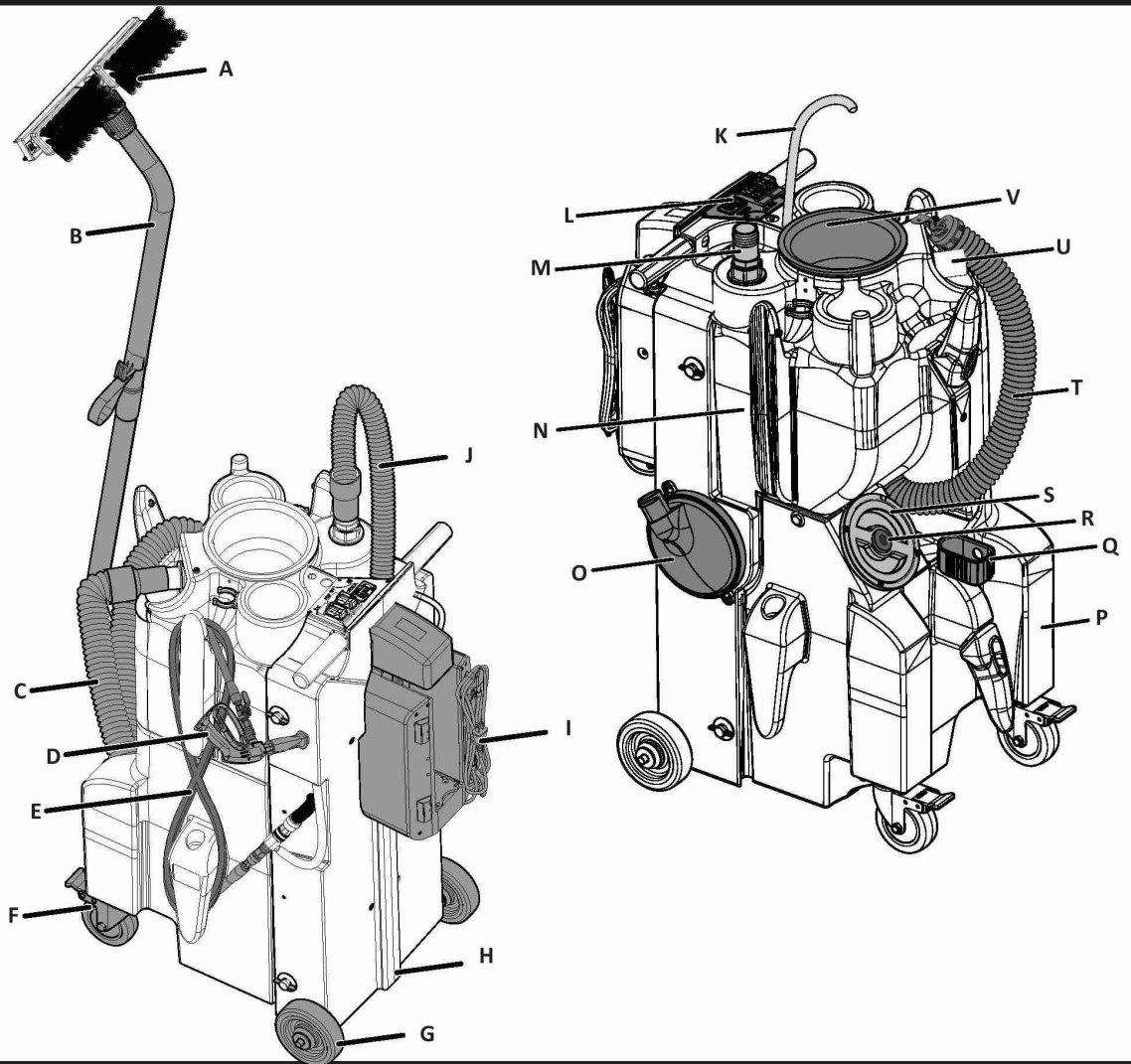
Table 1 - Minimum gauge for extension cords

Ampere rating		Volts	Total length of cord			
			7.62 m (25 ft)	15.24 m (50 ft)	30.48 m (100 ft)	45.72 m (150 ft)
More than, A	Not more than, A	120 V	mm ² (AWG)			
0	6	—	0.82 (18)	1.3 (16)	1.3 (16)	2.1 (14)
6	10	—	0.82 (18)	1.3 (16)	2.1 (14)	3.3 (12)
10	12	—	0.82 (18)	1.3 (16)	2.1 (14)	3.3 (12)

UNIT COMPONENTS - 1250

BASE UNITS

A - Squeegee Brush Head
B - Vacuum Wand
C - Vacuum Hose
D - Pressure Hose
E - Spray Gun
F - Casters
G - Wheels
H - Black Box
I - Battery Housing (DC Units)
J - Vacuum Motor Hose
K - Chemical Line
L - Control Panel
M - Top Hose Port
N - Vacuum Tank
O - HEPA Filter
P - Water Tank
Q - Tool Cup
R - Fill Hose
S - Water Tank Lid
T - Dump Hose
U - Vacuum Hose Port
V - Vac Tank Jug Holder



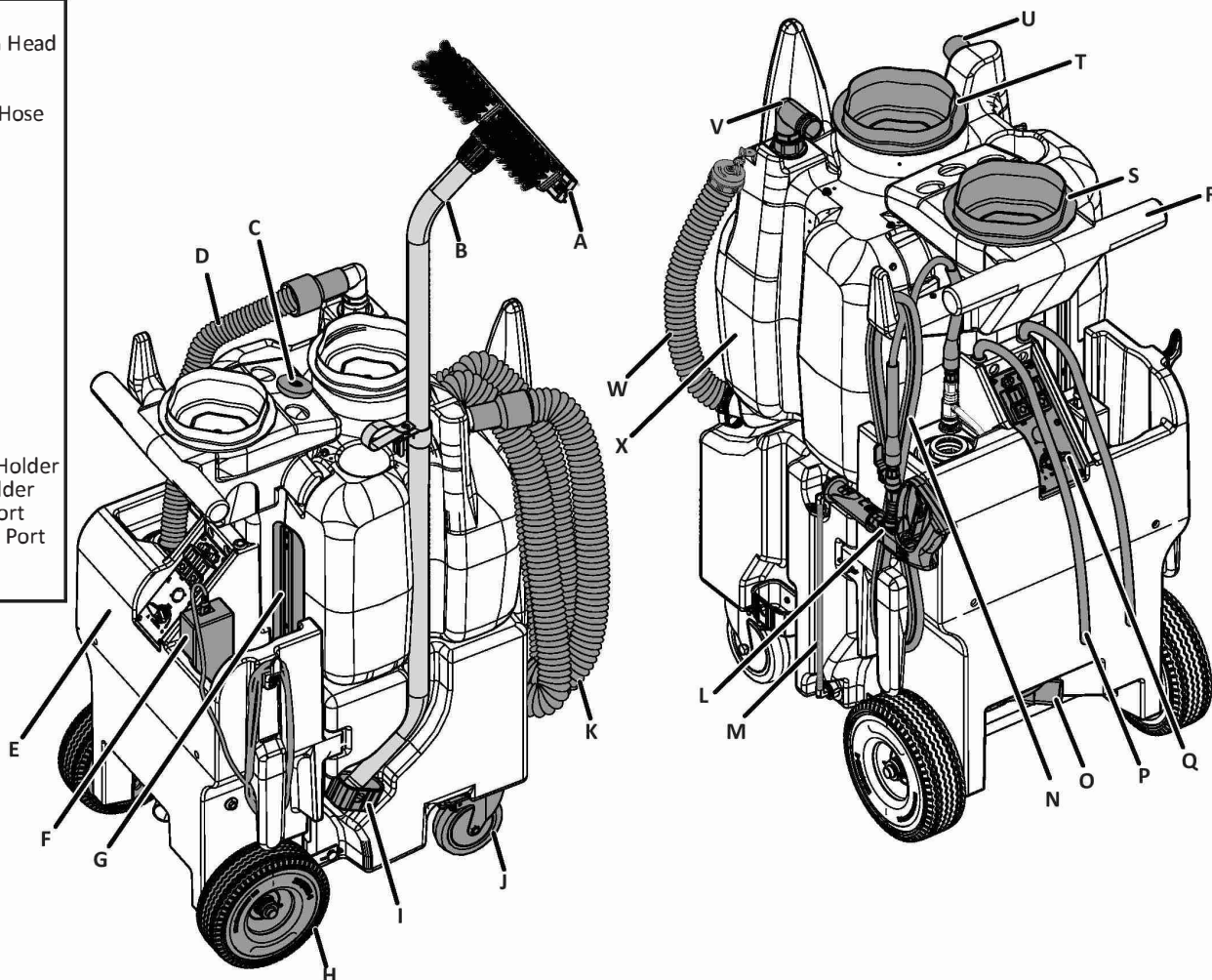
BASE UNITS

A - GFCI Cord (Corded Units)
#GFCI25
B - Window Squeegee
#CAA04
C - Squeegee Head
#CVS12S
D - Squeegee Head Brush
#VBRUSH
E - Spray Gun
#SUBGAKW
F - Gulper Tool
#CVS14
G - Pressure Hose
#PH45
H - Metering Tip Kit
#MTIPSNEW
I - Chemical Cap
#CHCAPA
J - Door Wedge
#DRWED
K - Blow Nozzle
#CVS13
L - 33 ft. Blow Hose
#SUBBLHSST
Not Pictured
-Tote Bag
#TBAG
-Vacuum Wand
#OFVW
-Vacuum Hose (Battery)
#VHST45

UNIT COMPONENTS - 1750/2750

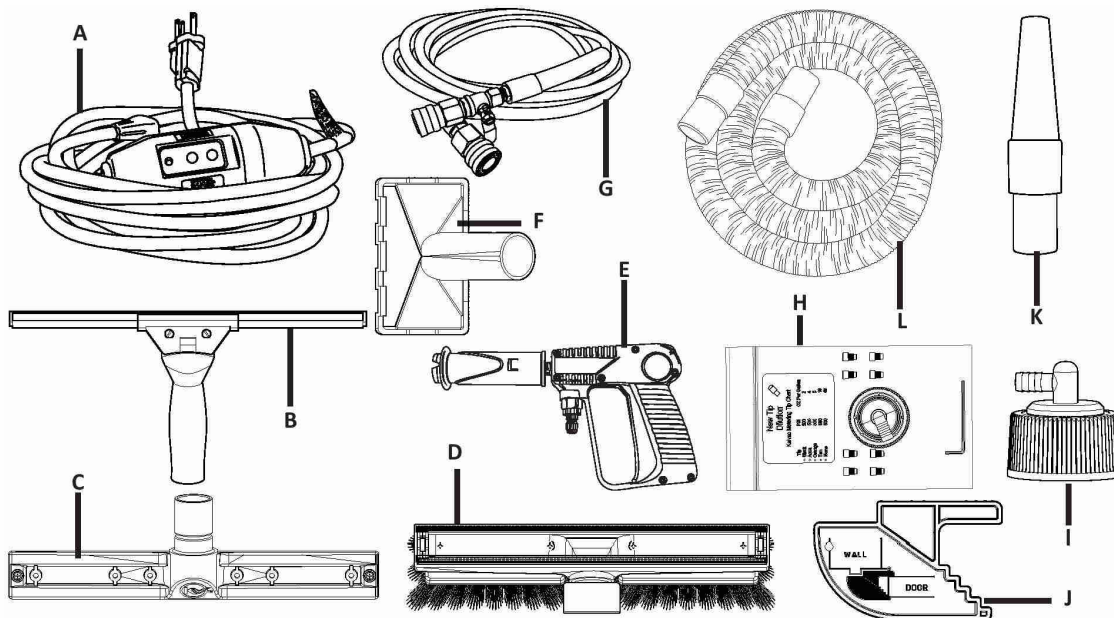
BASE UNITS

- A - Squeegee Brush Head
- B - Vacuum Wand
- C - Fill Hose
- D - Vacuum Motor Hose
- E - Black Box
- F - Charger
- G - Battery Bracket
- H - Wheels
- I - Tool Cup
- J - Casters
- K - Vacuum Hose
- L - Spray Gun
- M - Site Tube
- N - Pressure Hose
- O - HEPA Filter
- P - Chemical Line
- Q - Control Panel
- R - Water Tank
- S - Water Tank Jug Holder
- T - Vac Tank Jug Holder
- U - Vacuum Hose Port
- V - Vac Motor Hose Port
- W - Dump Hose
- X - Vacuum Tank



BASE UNITS

- A - GFCI Cord (Corded Units)
#CES19A
- B - Window Squeegee
#CAA04
- C - Squeegee Head
#CVS12S
- D - Squeegee Head Brush
#VBRUSH
- E - Spray Gun
#SUBGAKW
- F - Gulper Tool
#CVS14
- G - Pressure Hose
#PH45
- H - Metering Tip Kit
#MTIPSNEW
- I - Chemical Cap
#CHCAPA
- J - Door Wedge
#DRWED
- K - Blow Nozzle
#CVS13
- L - 33 ft. Blow Hose
#SUBBLHSST
- Not Pictured**
- Tote Bag
#TBAG
- Vacuum Wand
#OFVW1P
- Vacuum Hose (Battery)
#FS35
- Vacuum Hose (Corded)
#VH25 & #VHKVIRST



SETUP/BASIC OPERATION



WARNING

DO NOT use a damaged unit or a unit with a damaged battery. Inspect battery, housing, plug, cord, splash cover (if applicable), and helmet (if applicable) for damage, including cracks, separation, dents, holes, missing, pieces, and fraying cord or wires. Check all cords, hoses, and spray lines for damage prior to use. If damage is found, do not continue until proper repairs are completed. If using a legacy unit equipped with a fabric splash cover, ensure the cover is flipped over the battery top. Newer battery models may also be equipped with a chemical-resistant plastic protective helmet and fabric splash cover, ensure cover is flipped over helmet top. DO NOT remove helmet if included.



WARNING

NEVER USE a damaged unit or a unit with damaged battery. Always check all hoses and spray lines damage prior to use. Using a damaged unit and failure to inspect it prior to use may result in electrical shock, fire, explosion, serious personal injury or even death.

NOTICE

Fill the unit with water and recommended amount of Kaivac approved Chemicals. Follow the proper dilution instructions on bottles or dispenser. If a chemical is being used, use only KAIKAC APPROVED CHEMICALS AT the recommended dilution.

INSTALLING BATTERY AND CHARGING

Battery units only

See Figures 1 - 4, page 12

- Lower battery down into the battery housing or bracket, and align with rail.
- To see battery charge, press the charge indicator on the top of the battery.
- To charge the battery, keep the battery in the battery housing. Locate the cord wrapped around the cleats, and plug into wall outlet to charge. Unplug when unit is in use.

PREPARING UNIT FOR USE

See Figures 5 - 8, page 12

- Ensure float cage is in place and clean. Lift jug holder to reveal.



Do not use if float cage is not in place.

- Locate switch panel on the black box. This is used to operate the Pump and Vacuum functions. This can also contains the Chemical Valve if applicable.
- Unplug battery charger from wall outlet if applicable. Avoid getting water on unit.
- Inspect battery, housing, plug, cord, splash cover (if applicable), and helmet (if applicable) for damage, including cracks, separation, dents, holes, missing, pieces, and fraying cord or wires.
- Test GFCI cord if unit is corded.



WARNING

NEVER spray unit directly with any liquids, water, hose, or spray gun. Corrosive liquids, water, and chemicals may enter battery or unit components which can result in an increased risk of fire and serious personal injury.

FILLING THE UNIT

See Figures 9 - 11, page 13

- Note the location of the site tube on the side of the 1750/2750 units. Use the site tube to see the water level, do not overfill or overflow from the tank will occur.
- Use the designated fill ports to fill the unit. The first port is accessed by running water through the fill hose from a spigot. On the 1250 model, you may also unscrew the fill lid. Fill unit with clean, cool water.
- On the 1750/2750 models, the other fill port is found by lifting the Water Tank jug holder. Remove the jug holder to reveal the inside for the secondary fill location. Fill unit with clean, cool water.

CHEMICAL USE

See Figures 12 - 14, page 13

- If unit has chemical valve, prepare the cleaning solution you will be using by attaching the chemical feed line, and cap to the top of your chemical bottle with proper metering tip according to placard. Ensure chemical jug is placed inside the jug holder at top of unit.
- If unit has chemical valve, when using unit with chemical jug, locate the valve on the switch panel. Turn valve to side "A" or side "B" depending on the chemical line connected to the jug. For no chemical, switch valve to "OFF" position (Fig. 13).
- If using a cleaning product that foams, use a foam inhibitor to cut excess. Pour 2 capfuls of inhibitor in the Vacuum Hose with Vac running to coat inside of Vacuum Hose.

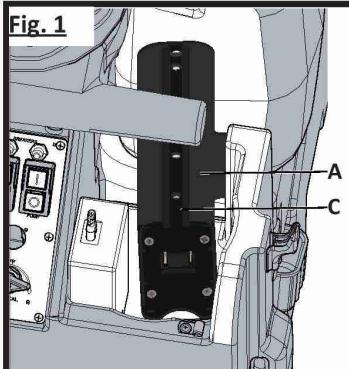


- Foaming chemicals in tank may damage Vac Motor.

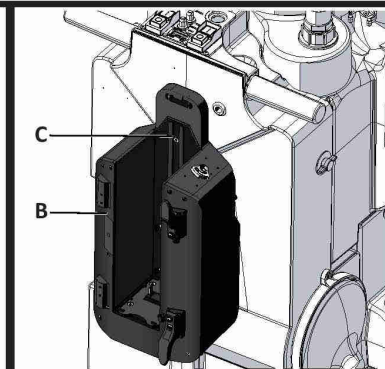
ACCESSORY USES

See Figures 15 - 18, page 13

- To attach different accessories to the end of the vacuum wand, start by loosening the coupler nut of the wand. Insert the accessory tool, and tighten the coupler nut.
- Ensure the brass ring inside the coupler nut of the vacuum wand stays in place and does not get lost when changing accessories or taking apart.
- To use accessories without the vacuum wand, push the desired accessory tool directly into the end of the vacuum hose.
- You may use the provided gulper drain tool with the vacuum hose to place over drains and extract soils.
- You may use the provided blow hose by attaching to the HEPA housing, and using the blow nozzle on the other hose end. You may also attach the vacuum wand, with the blow nozzle inserted to the blow hose for high surface areas.
- Hang the vacuum wand on unit when not in use. Use tote bag to store extra accessories and tools.

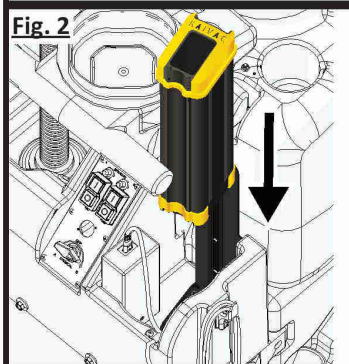


1750 and 2750

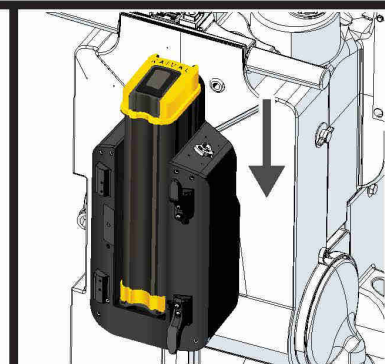


1250

A - Battery Bracket
B - Battery Housing
C - Guide Rail

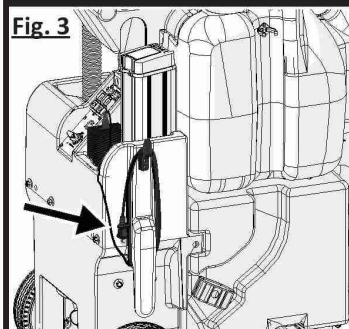


1750 and 2750

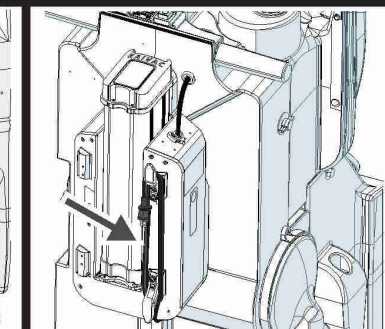


1250

Battery pack in place

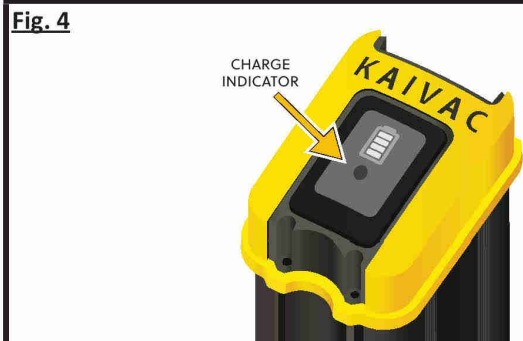


1750 and 2750

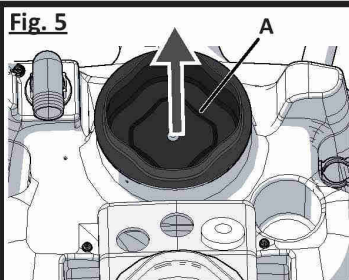


1250

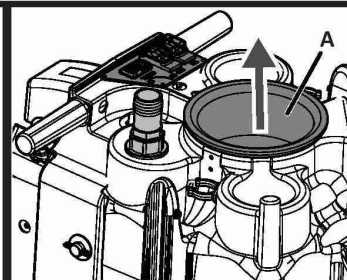
Battery charging cord



Battery Pack charge indicator

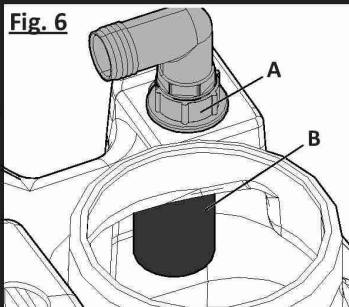


1750 and 2750

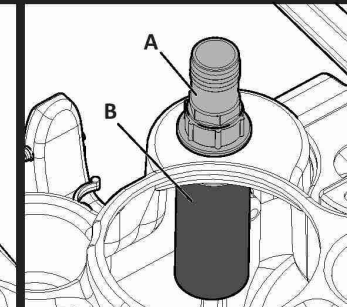


1250

A - Vac tank Jug Holder

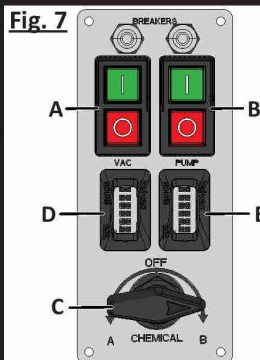


1750 and 2750

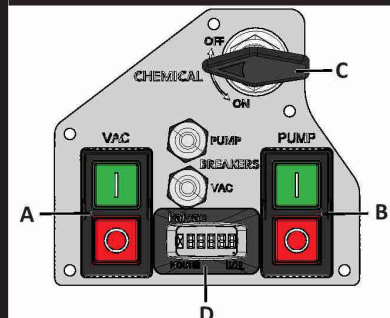


1250

A - Vac Motor hose port
B - Float Cage



1750 and 2750



1250

A - Vacuum Switch
B - Pump Switch
C - Chemical Valve
D - Vac Hour Meter
E - Pump Hour Meter

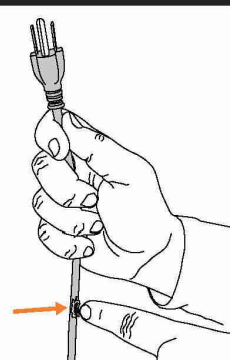
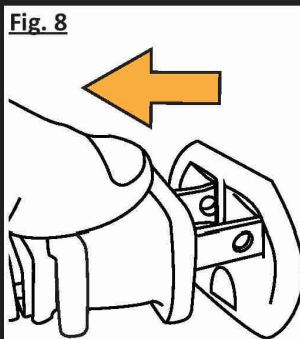
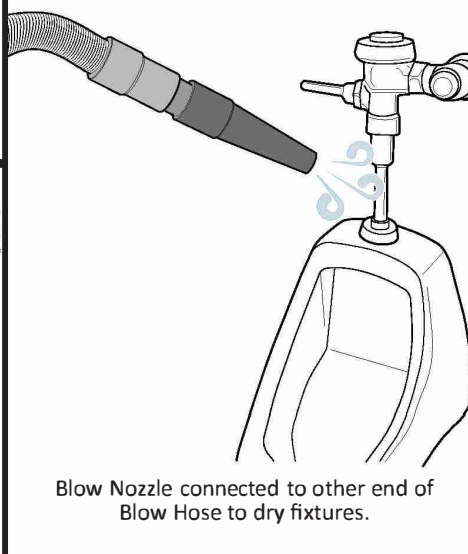
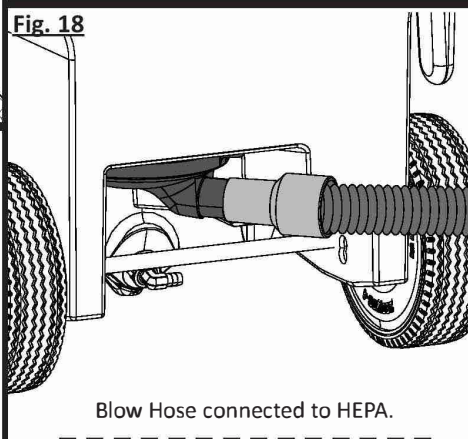
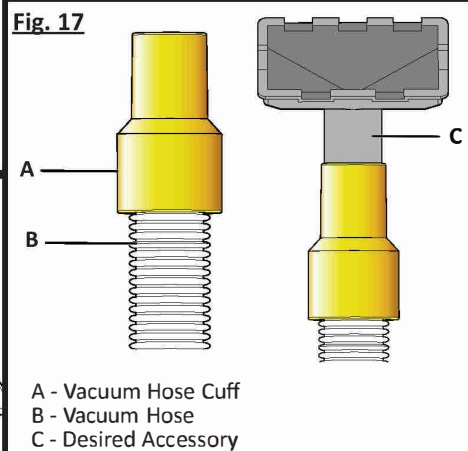
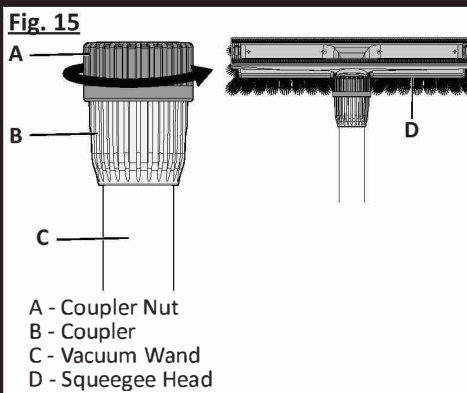
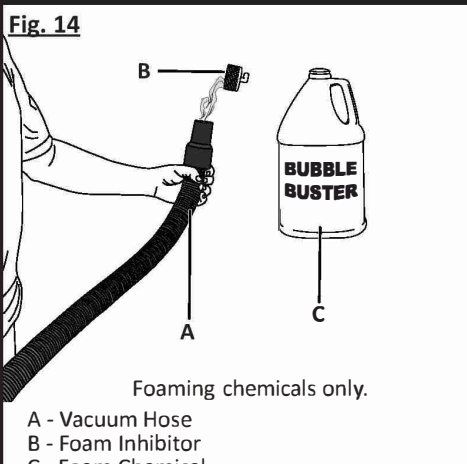
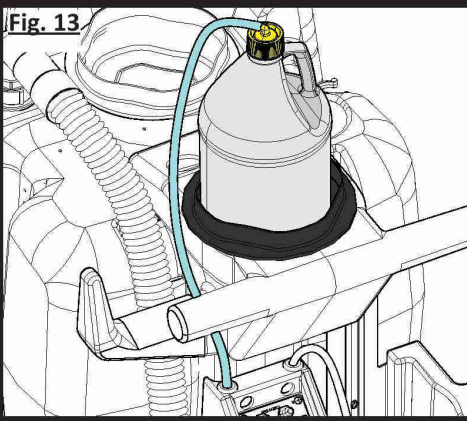
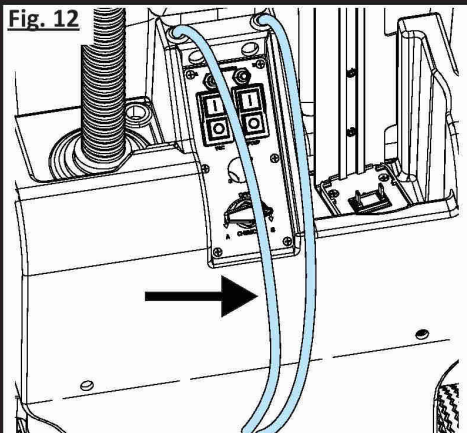
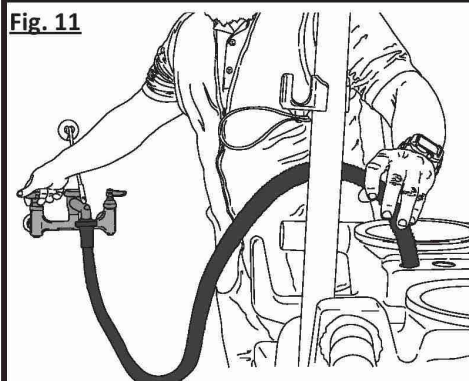
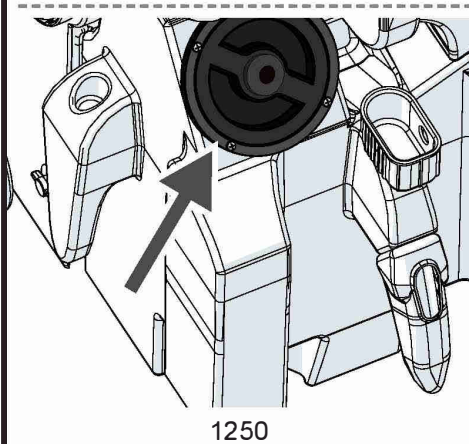
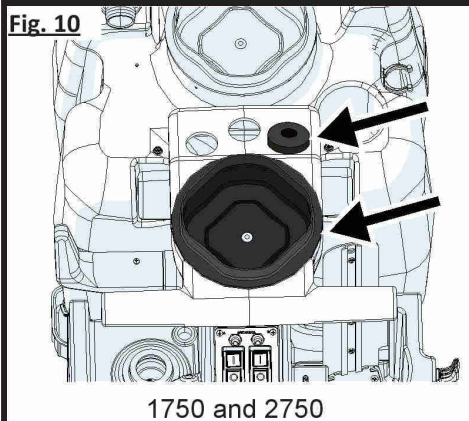
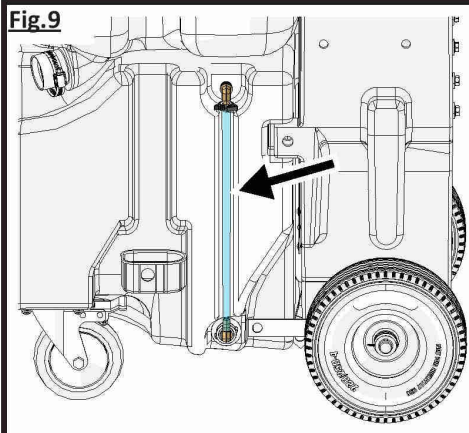


Fig. 8



NO-TOUCH CLEANING OPERATION



WARNING

NEVER spray unit directly with any liquids, water, hose, or spray gun. Corrosive liquids, water, and chemicals may enter battery or unit components which can result in an increased risk of fire and serious personal injury.



CAUTION

NEVER point the spray gun at yourself or others. Always use proper personal protection equipment and only point the sprayer at and/or spray the intended object. Failure to do so may result in personal injury

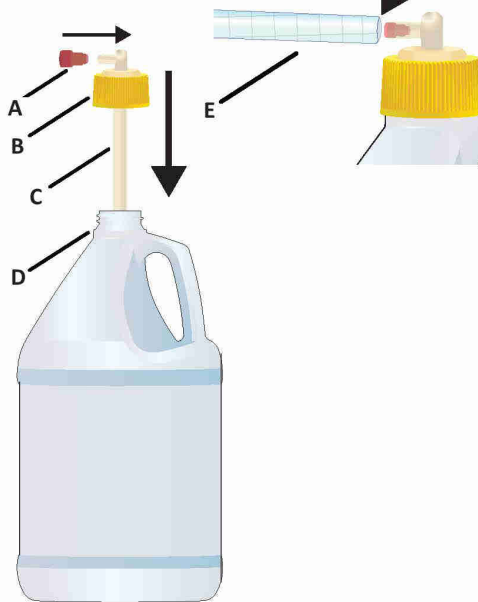
SPRAY OPERATION

- If using unit with chemical, prepare the cleaning chemical, make sure the Draw Tube is inserted into the Chemical Jug. Insert the Metering Tip as shown (see Metering Tip Selection Chart on the Metering Tip Bag). Then, screw the Chemical Cap onto the Chemical Jug and make sure the clear Chemical Line is connected to the Chemical Cap (Fig. 19).
- To turn Spray Gun off or on, switch the valve connected to Spray Gun. The Spray Gun is connected to the Pressure Hose (Fig. 20).
- Operate the Spray Gun by pulling the nozzle out and twisting for low pressure pinpoint or fan spray. Pull nozzle back for high pressure pinpoint or fan spray. Chemicals applied in the Low Pressure setting only. Chemicals must be cleared from the Spray Line prior to High Pressure rinsing. To do this, turn OFF the Chemical Valve, then spray in Low Pressure settings for 15 seconds (Fig. 21).
- Turn the "PUMP" switch ON (I) to begin using after preparing. Spray intended object with chemical in low pressure, and then turn the chemical valve OFF and clean with fresh water in high pressure.

VACUUM OPERATION

- Attach Vacuum Wand to Vacuum Hose (if not already connected). The yellow portion of the hose will connect to the wand. The black portion will be connected to the tank (Fig. 22). If corded, plug in provided extension cord. If battery unit, ensure battery is charged and place into battery housing. Turn "VAC" switch ON (I).
- Vacuum floor surface diagonally to grout lines, reaching under shelves, seating etc. (Fig. 23).
- Once Vacuuming is complete, keep motor running. Slap Vacuum Wand on floor 3-4 times to dislodge debris from squeegee head. Then, invert Wand and Tap 4-5 times to dislodge any fluids or substance from Wand (Fig. 24).

Fig. 19



- A - Metering Tip
- B - Chemical Cap
- C - Draw Tube
- D - Chemical Jug
- E - Chemical Line

Fig. 20

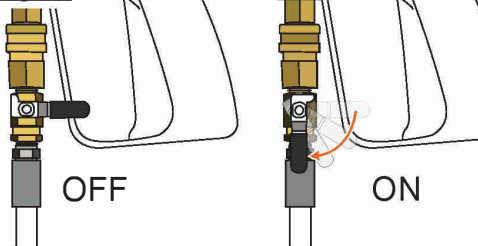


Fig. 21

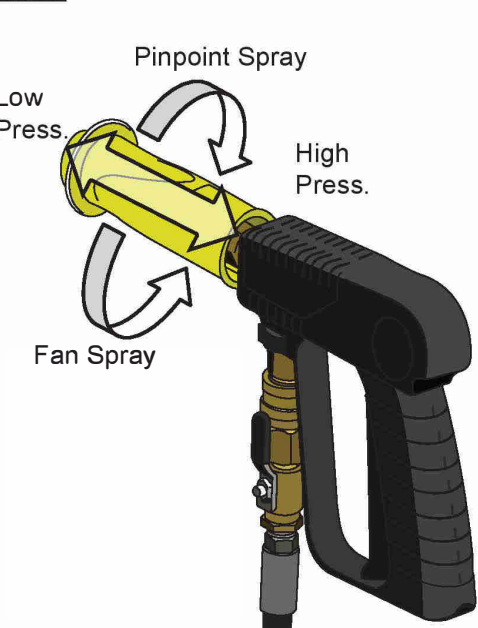


Fig. 22

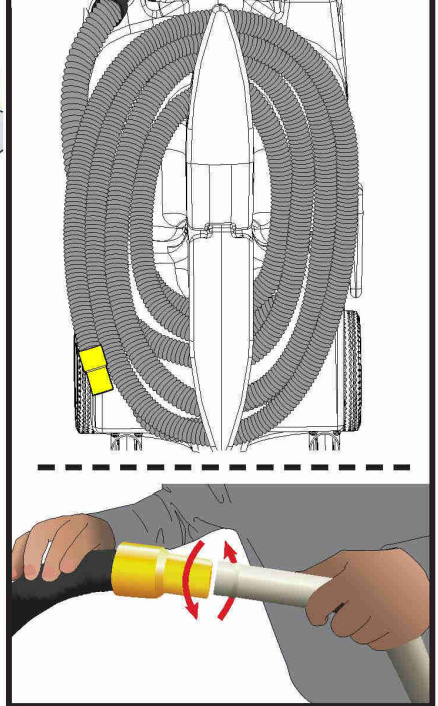
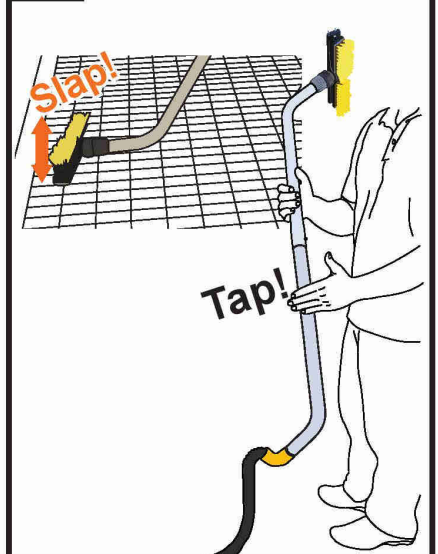


Fig. 23



Fig. 24



DAILY & GENERAL MAINTENANCE



WARNING

DO NOT spray electrical components of the unit when emptying or cleaning unit. ALWAYS remove battery back or unplug unit. Use proper PPE and eye protection.



CAUTION

DO NOT allow liquid pick up to remain inside unit tank for extended periods of time. Moisture may develop and cause product part damage.

The unit should be checked, emptied, and cleaned after each use.

EMPTYING THE VACUUM TANK

- If the Vacuum Motor shuts off before the job is complete, the Vacuum Tank may be full and need to be emptied. Lift the Vacuum Tank jug holder to check liquid level inside the Vacuum Tank. If unit is full or your job is complete, follow the instructions below to empty Tank into appropriate sink/drain.
- To begin the dumping process, you must first press down on the Cap and turn counter-clockwise (Fig. 25).

- Once cap is removed, lower Dump Hose into appropriate sink/drain (Fig. 26). Reattach cap before use.

NOTICE

- To prevent an accidental spill or overflow from the Dump Hose, be careful to keep hose end upright until it is over sink/drain.

CLEANING UNIT

- Rinse Vacuum Tank thoroughly at clean-up sink, preferably with hot water. Rinse water tank, use vacuum hose when tank is full to suck up remaining liquid and empty using the dump hose. (Fig. 27).
- Alternatively, you can also turn the Vacuum ON (I) and dispense solution into Vacuum Hose as shown to clean Hose and Tank (Fig. 28).

CLEANING UNIT FILTERS

- Lift the vacuum tank jug holder and locate the Float Cage. Rinse and clean the Float Cage, ensure it is securely in location before each use (Fig. 29).
- Replace HEPA filter every 3-6 months as needed.

SQUEEGEE BLADES & ACCESSORIES

- Check for worn squeegee blades. Worn blades cause streaking and loss of vacuum suction.
- Replace with new every 6-8 weeks. Ensure squeegee blades are replaced with the ribbed portion facing outwards (Fig. 30).
- Clean off accessories and build-up on parts and tools (Fig. 31).

Fig. 25

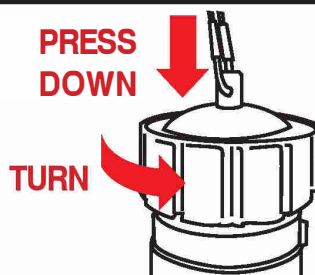


Fig. 26

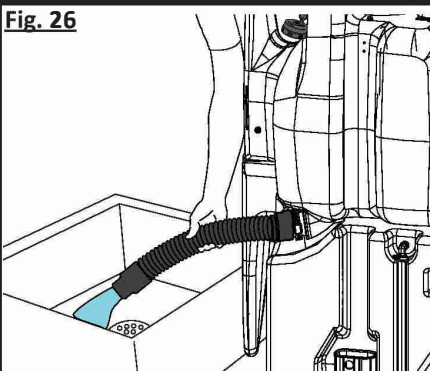


Fig. 27

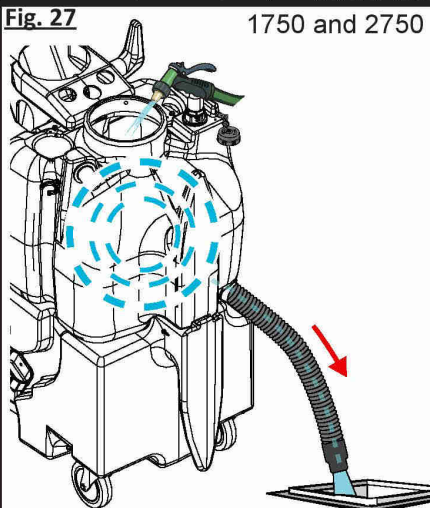


Fig. 28



Fig. 29

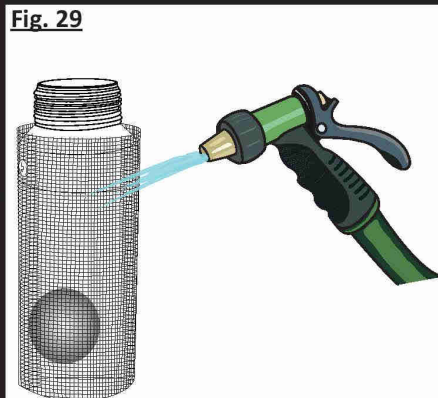


Fig. 30

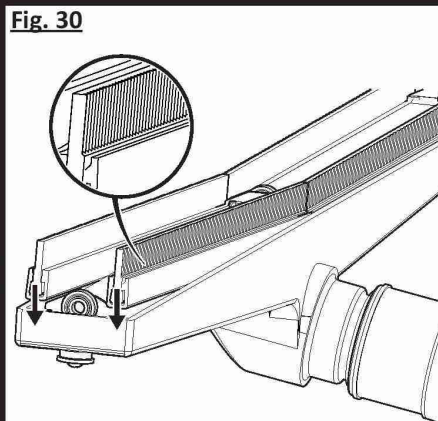
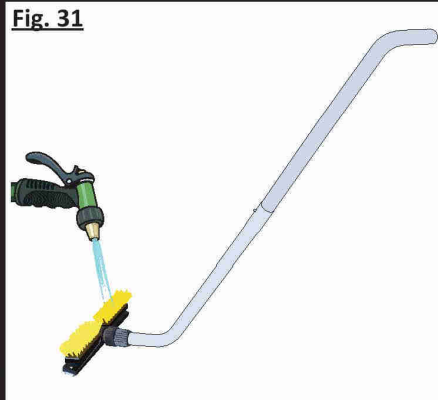


Fig. 31

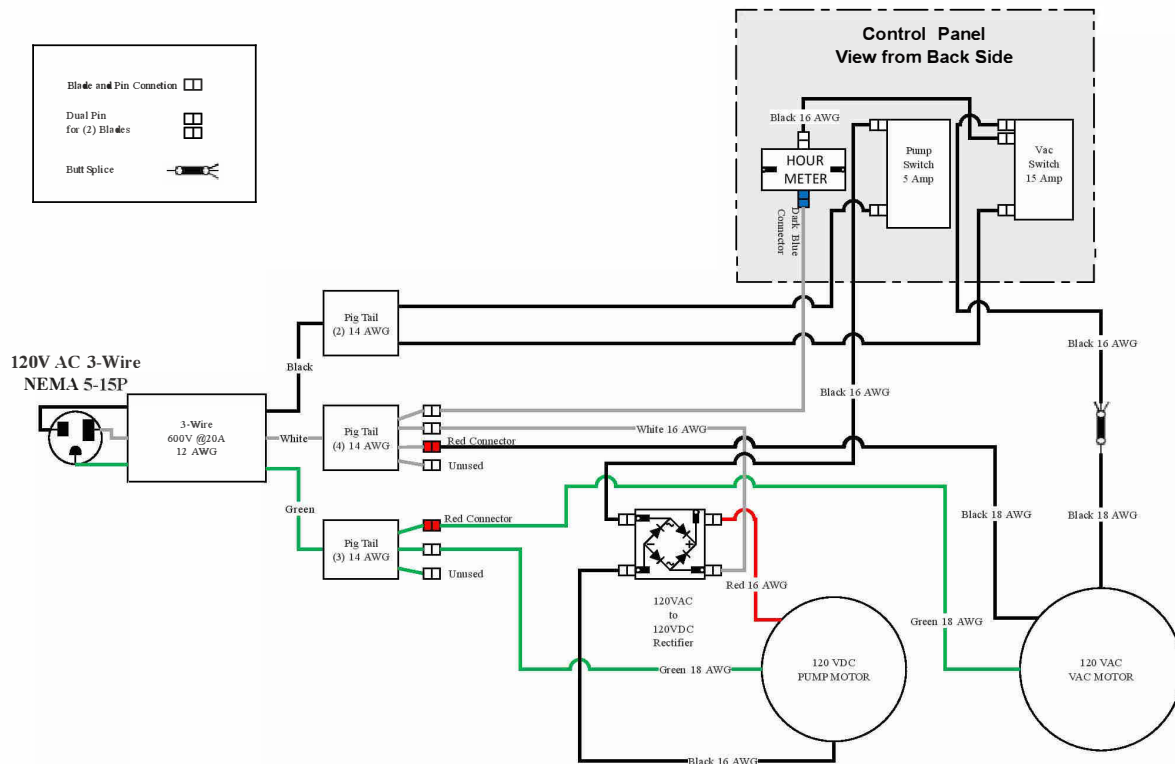


UNIT & MAINTENANCE

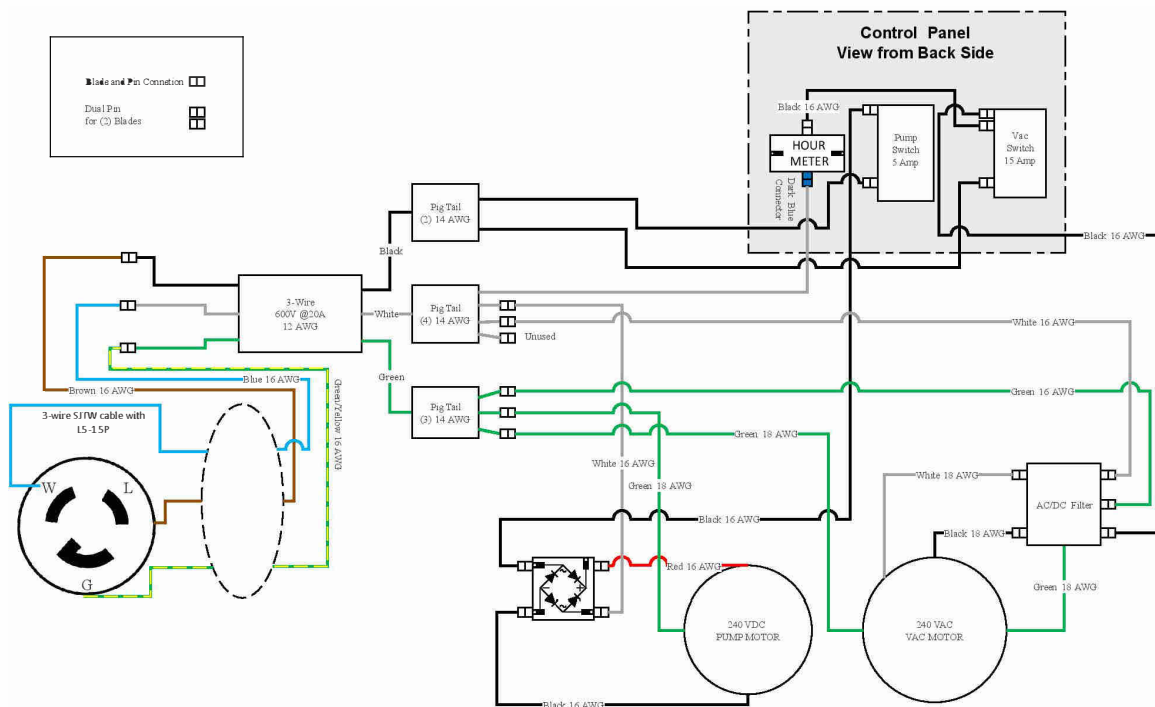


ITEM	PROCEDURE
Floor Squeegee	- Check condition of squeegee blades and wheels on the floor tool. - Rough floor surfaces will cause the blades and wheels to wear out more quickly. Replace as necessary.
Spray Gun	- Check spray pattern. If spray pattern will not pinpoint, clean orifice by removing it with an Allen wrench and flushing. Replace if needed. - If nozzle becomes difficult to move from high to low pressure, lubricate nozzle with lithium grease.
Pressure Hose	- Wipe clean after each use. - Check for cuts or frays in the hose jacket, particularly at the end of the fittings. Replace hose if cuts are found.
Water Tank	- Check condition of filter in water tank. Clean as needed. - Empty the water tank to prevent mildew and bacteria growth. Empty tank by dipping the vacuum hose into the water tank and transferring the water to the vacuum tank.
Vacuum Tank	- Empty and flush vacuum tank. - Clean and disinfect. - Check the float shutoff screen to be sure it is not blocked or dirty. A plugged filter screen restricts airflow and results in reduced suction.
Leaks	- Be alert for leaks around hoses, fittings, spray wand, tanks or elsewhere. - Discontinue use until leaks are repaired.
Electrical System	- The ground fault circuit interrupter (GFCI) must be tested before each use. - Electrical cord must be inspected for tears or cuts in the insulation. - Inspect plug and be sure ground pin is in place.
Vacuum Wand	Use a wire or coarse brush with acid cleaner to remove residue from threads on the coupling and coupling nut. Apply grease when done.
HEPA Filter	Replace every 3-6 months depending on use.
Float Cage	Ensure cage is sprayed and cleaned daily to remove debris.
Battery Maintenance	- Inspect battery, plugs, cords, splash cover (if included), and chemical-resistant plastic protective helmet (if included) before charging and after charging. - Charge and store battery indoors. - If included, the battery splash cover must remain in place. Without the battery splash cover, the battery housing may become damaged which may cause the battery to malfunction, which can result a fire, explosion, personal injury, and/or property damage. - Always keep helmet affixed to top of battery if your battery is so equipped. - To view the battery, temporarily move the splash cover (if included). Replace the splash cover after inspection. Do not use unit if battery shows any damage, including cracks, dents, holes, fraying, or missing pieces. - Once your battery run time is less than 55% (50 minutes for non-quick change and 30 minutes for quick change batteries), contact Kaivac to replace your battery. Regardless of run time, replace your battery after 4 years. Consult Kaivac.com for information on recycling your old battery. - DO NOT attempt to repair, service or modify the batteries or charger. Contact Kaivac Technical Support with any issues. - DO NOT use or store the NTC System or battery in refrigerated areas, in environments when the battery is in direct contact with liquids, or near flammable or combustible materials. - DO NOT charge or store battery for extended time (1 month or more) in temperatures below 40°F (4°C). - DO NOT use a battery or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury. - If unit is smoking or sparking, move outside to a fire-safe location immediately. If possible, disengage battery from unit, notify management, and call Kaivac Technical Support at 800-287-1136, Ext. 2
Splash Cover (if applicable)	- Inspect splash cover for damage. - Clean and dry the splash cover. - Be sure the splash cover is secure.

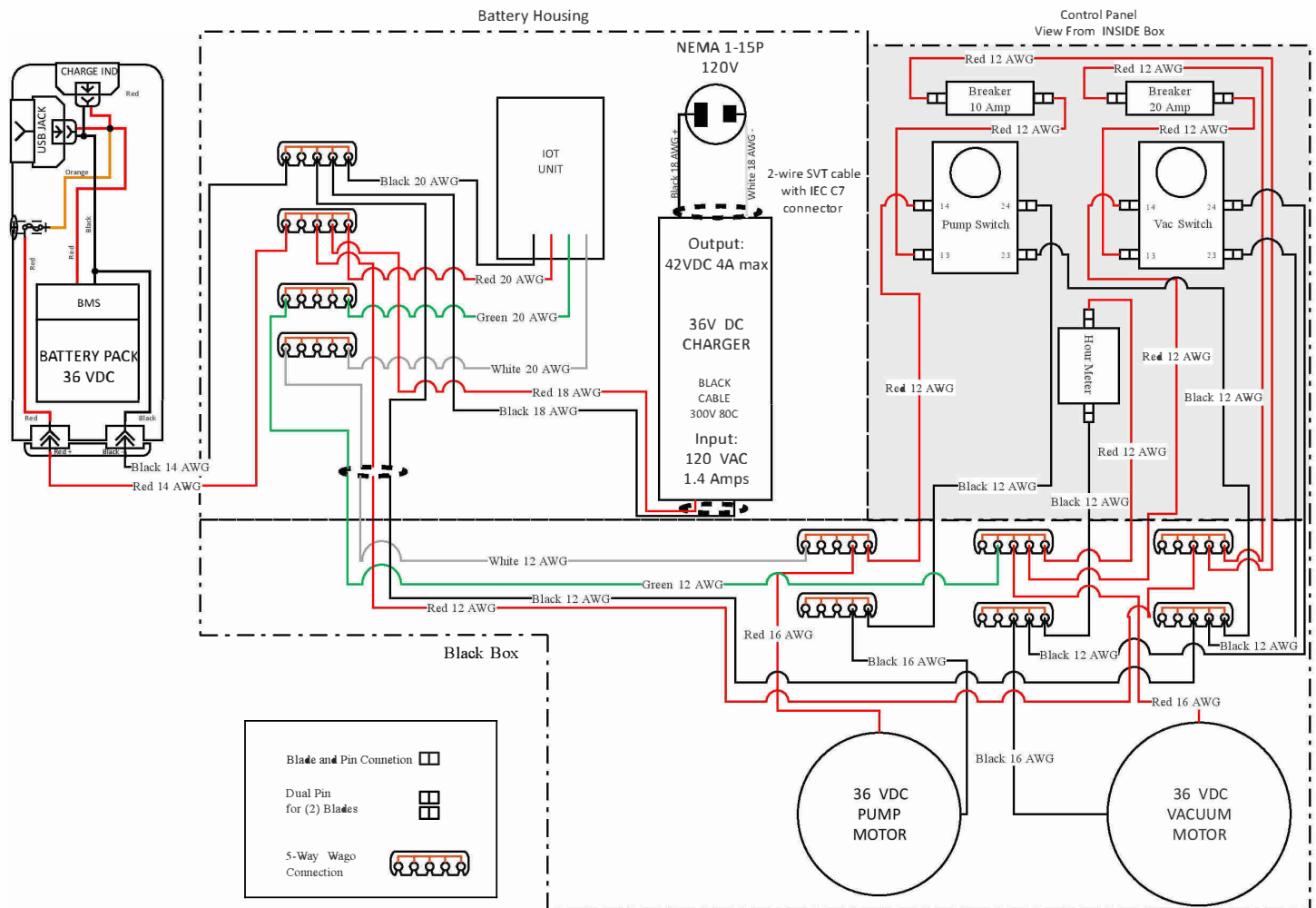
1250 AC ELECTRICAL DIAGRAM



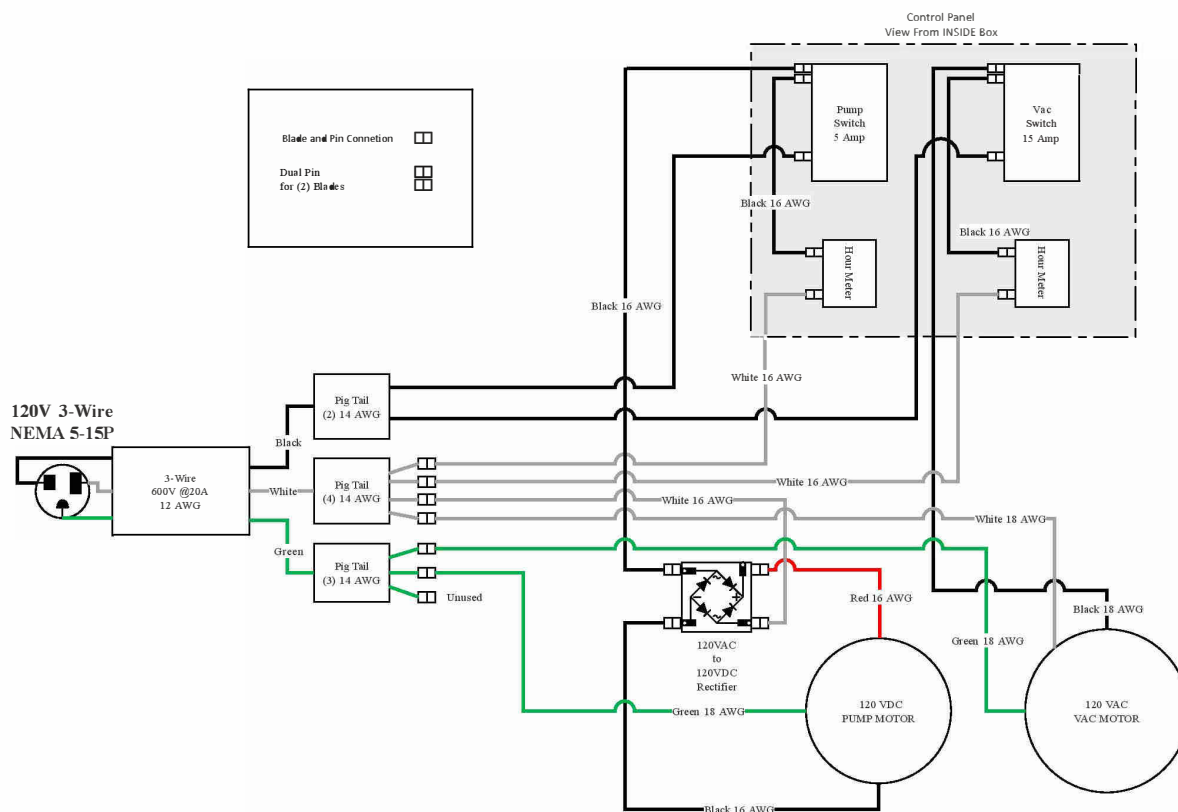
1250 INTL. AC ELECTRICAL DIAGRAM



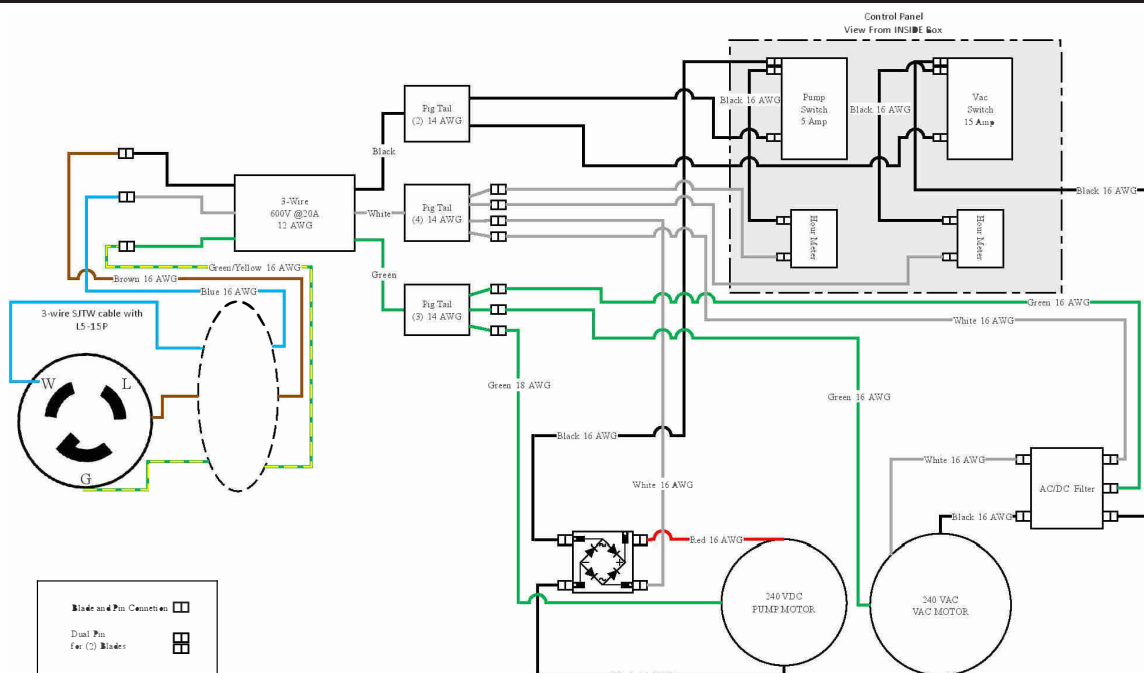
1250 DC ELECTRICAL DIAGRAM



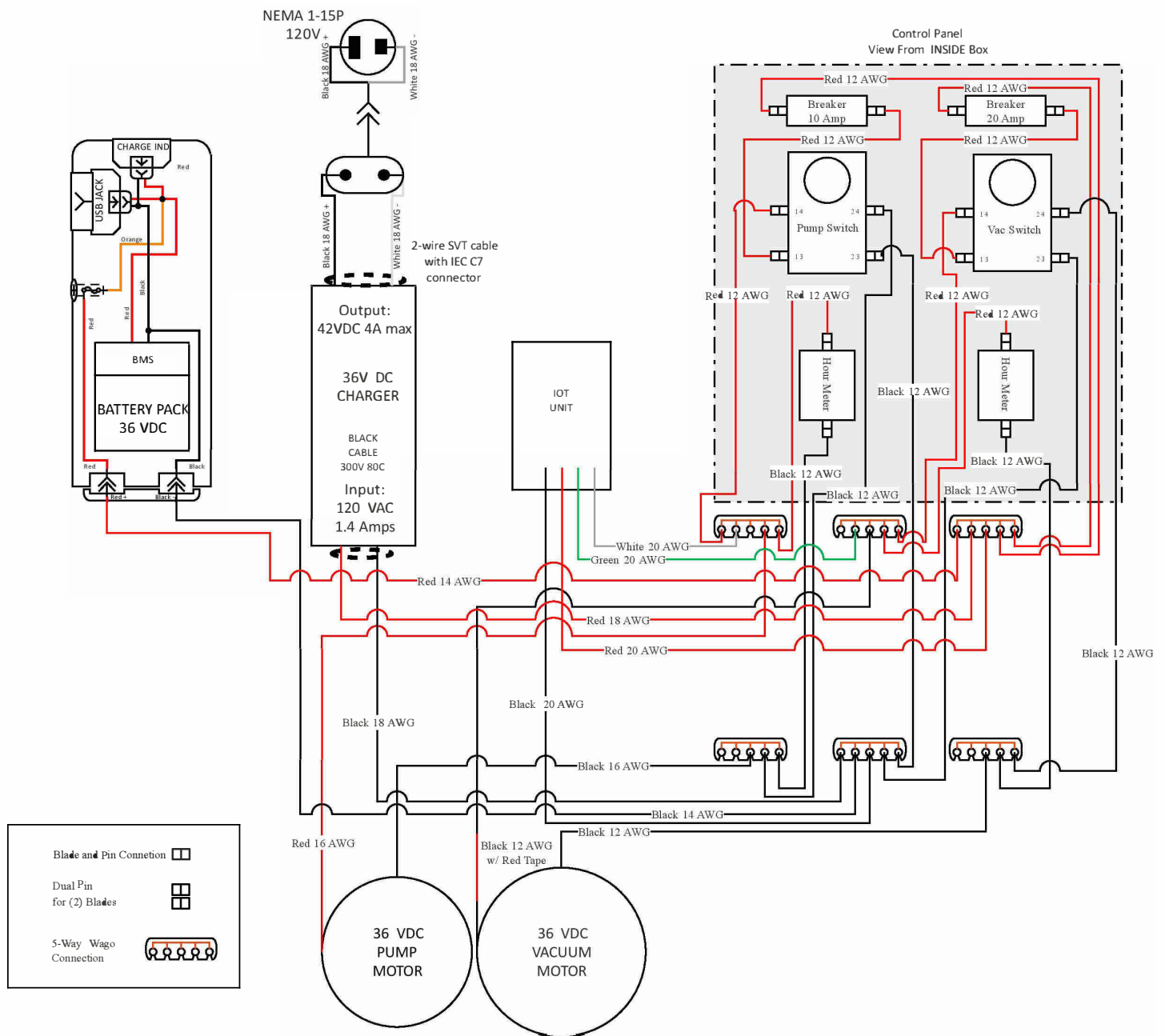
17/2750 AC ELECTRICAL DIAGRAM



17/2750 INTL. AC ELECTRICAL DIAGRAM



17/2750 DC ELECTRICAL DIAGRAM



TROUBLESHOOTING



Always unplug unit before inspecting or servicing.

AREA	PROBLEM	POSSIBLE CAUSE	
Electrical	No Power to pump or vac motor	Unit not plugged in	Plug unit in
		Switch not “on”	Check switches for “on”
		GFCI tripped	Test and reset GFCI
		Building circuit overloaded	Check and reset circuit
		Switch wires loose	Disconnect power and check for loose wire
		Connections loose	Disconnect power and check for loose wire under panel
	Electrical burning smell TURN UNIT OFF IMMEDIATELY.	Vac motor brushes worn	Remove vac motor and repair
		Vac motor hung up	Release pressure on hose and jog vac switch, or replace
		Pump motor hung up	Release pressure on hose and jog pump switch, or replace
Vacuum System	No/Weak vacuum	Vac tank full	Empty vac tank
		Squeegee blades or wheels worn	Replace wheels or blades and check periodically
		Float shutoff screen dirty	Spray off float screen to clean
		Float ball stuck	Tap float and release/clean
		Damaged hose	Cut and repair/replace
		Dump hose plug missing	Contact dealer and replace
		Access lid not right	Tighten lid hand tight
		Vacuum hose plugged	Flush hose to remove debris
		Too much liquid in vac hose	Allow air in when vacuuming
		Vac hose still wrapped	Unwrap vac hose fully
		Exhaust plugged	Clean exhaust port and HEPA filter
		Leak in vac tank	If repairable, clean and dry affected area and seal with silicone
		HEPA filter clogged	Remove HEPA filter and clean
	Moisture from exhaust	Vac tank full	Dump vac tank
		Float shutoff missing	Replace
		Excessive foam in vac tank	Use defoamer
Blow Dry System	No air flow	Hose disconnected	Reconnect hose
	Moisture from exhaust	Water in blow hose	Dry blow line
	Suction, not blow action	Vacuum hose connected to vac tank	Reconnect to vac motor exhaust hose

TROUBLESHOOTING

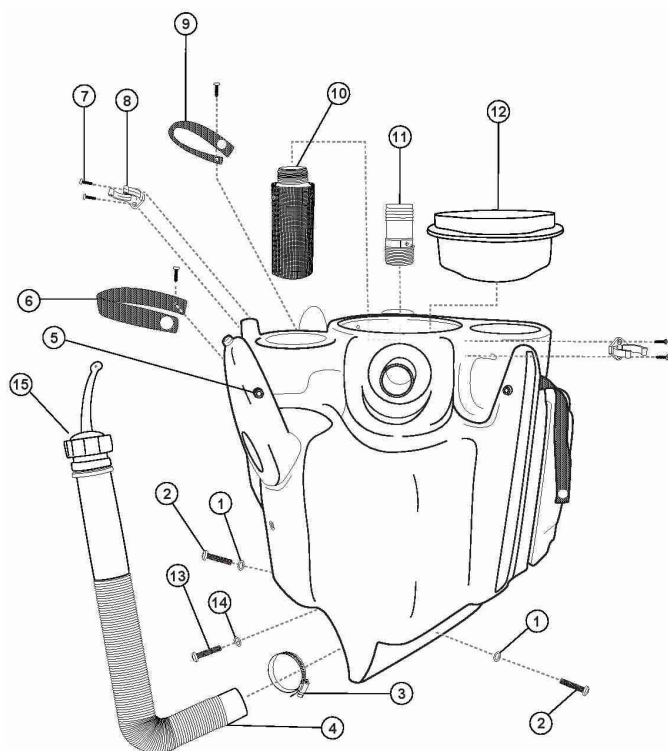
AREA	PROBLEM	POSSIBLE CAUSE	SOLUTION
High Pressure System  WARNING Always unplug unit before inspecting or servicing. RISK OF ELECTRICAL SHOCK, FIRE, SERIOUS INJURY, OR DEATH	No water from pump or low pressure	Out of water	Fill water tank
		Gun nozzle plugged	Remove orifice with Allen wrench and clean
		Air in pump (vapor lock)	Use power prime technique
		Gun orifice missing	Replace orifice
		Water tank filter plugged	Clean tank and filter
		In-line bowl filter plugged	Remove filter cover and clean
		Bowl filter lid loose	Gently tighten bowl cover
		Pressure hose damaged	Repair or replace
		Quick disconnect leaking	Tighten or replace
		Injector plugged	Remove safety cap from chemical and blow small amounts of compressed air into line
		Pulse hose damaged	Repair or replace
		Regulator failed	Replace
		Hose kinked	Unkink and check for damage
		Seals in pump need replaced	Remove and replace seals
	Bad fan pattern or pinpoint pattern on gun	Debris in nozzle	Remove orifice with Allen wrench and clean
		Orifice damaged	Remove and replace
Chemical Injection System  WARNING Always unplug unit before inspecting or servicing. RISK OF ELECTRICAL SHOCK, FIRE, SERIOUS INJURY, OR DEATH	No chemical flow	Out of chemical	Refill chemical
		Safety cap not secure	Check safety cap/tighten
		Chemical valve "off"	Check on/off valve
		Safety cap plugged	Replace cap
		Spray gun in wrong mode	Make sure gun nozzle is pulled out away from gun chemical mode
		Metering tip plugged	Check metering tip for clog
		Injector plugged	Remove safety cap from chemical and blow small amounts of compressed air into line
		Air entering system	Check for air entering system around chemical lines or injector
		Injector installed backwards	If fluttering or pulsing sound can be heard while spraying or when unit is running, it is possible that your injector is in backwards. Remove; reinstall.
		Kink in chemical line	Replace chemical line

TROUBLESHOOTING

AREA	PROBLEM	POSSIBLE CAUSE	SOLUTION
Chemical Injection System continued	Not enough chemical	Metering tip plugged	Remove and clean
		Wrong metering tip	Check and replace per chart
	Chemical line blows off safety cap	Debris in injector	Remove safety cap from chemical and blow small amounts of compressed air into line
	Water back flows into chemical bottle	Bad seat on injector check valve	Check injector o-ring or replace
		Bad safety cap	Replace safety cap
Dump System	Dump hose will not empty tank	Dump hose cap not removed	Remove cap
		Clog in bottom of tank	Tip dump contents, remove debris
	Dump hose leaks	Hose cut	If leak is less than 4" from tank side, cut and reattach, or replace
		Clamp loose	Tighten hose clamp
		Dump cap missing	Replace cap
Wheels and Casters	Wheels will not roll; rubbing	Flat tires	Inflate tires to 30 p.s.i.
		Debris wrapped around axle	Check for debris on axle
		Bearings tight	Grease bearings
		Wheels too loose on axle	Remove wheel, add washers to take up slack
		Bearings falling out	Replace bearing assembly
Squeegee Head	Floor streaks	Worn blades or wheels	Replace wheels and/or blades
	Squeegee head does not easily rotate when installed on wand	Brass ring on wand not in groove	Loosen coupling nut and re-position head on groove
		Coupling nut too tight	Loosen 1/2 turn
	Head will not stay on wand	Coupling nut cracked	Replace
		Brass ring worn	Replace
	Premature blade wear	Squeegee wheels worn	Check wheels for wear/replace
Battery	Sucks to the floor too tightly	Squeegee wheels worn	Check wheels for wear/replace
	Sparks/Burning/Fire/Smoke	Damage to battery or charger	Stop use immediately. Disconnect battery from charger, if possible. Unplug charger, if possible.
 WARNING RISK OF FIRE, EXPLOSION, AND SERIOUS INJURY, OR DEATH		STOP USE IMMEDIATELY	

1250 VAC TANK ASSEMBLY

[P/N: VTA1200]

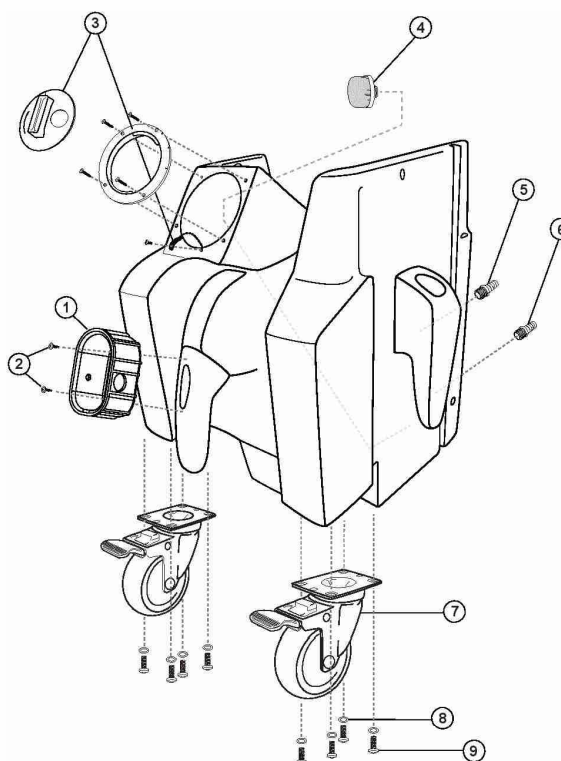


#	PART NO.	PART DESCRIPTION
1	KMB16	3/8 SST FLAT WASHER
2	CSS91	3/8 X 2 1/4 BOLT
3	CSS03	1 9/16 - 2 1/2 HOSE CLAMP
4	DH25	26" X 1.5" DUMP HOSE 2" CUFF
5	CSS20	SNAP STUD
6	SUBSS7	7 IN. SNAP AND STRAP
7	CSS17	#8 FLAT HEAD SQUARE SCREW
8	CSS14	13 CLAMP, FOR TOOLS
9	SUBSS9	9 IN. SNAP AND STRAP
10	KZFLOAT	FLOAT SHUT OFF
11	CSS173	1 1/4 NPT X 1 1/2 HOSE ADAPTER
12	VLJHA	VAC LID, JUG HOLDER ASSEMBLY
13	CSS58	3/8 X 16 X 1 SST SCREW
14	CSS48	3/8 SST LARGE OD WASHER
15	SCCAP	DUMP HOSE CAP

1250 WATER TANK ASSEMBLY

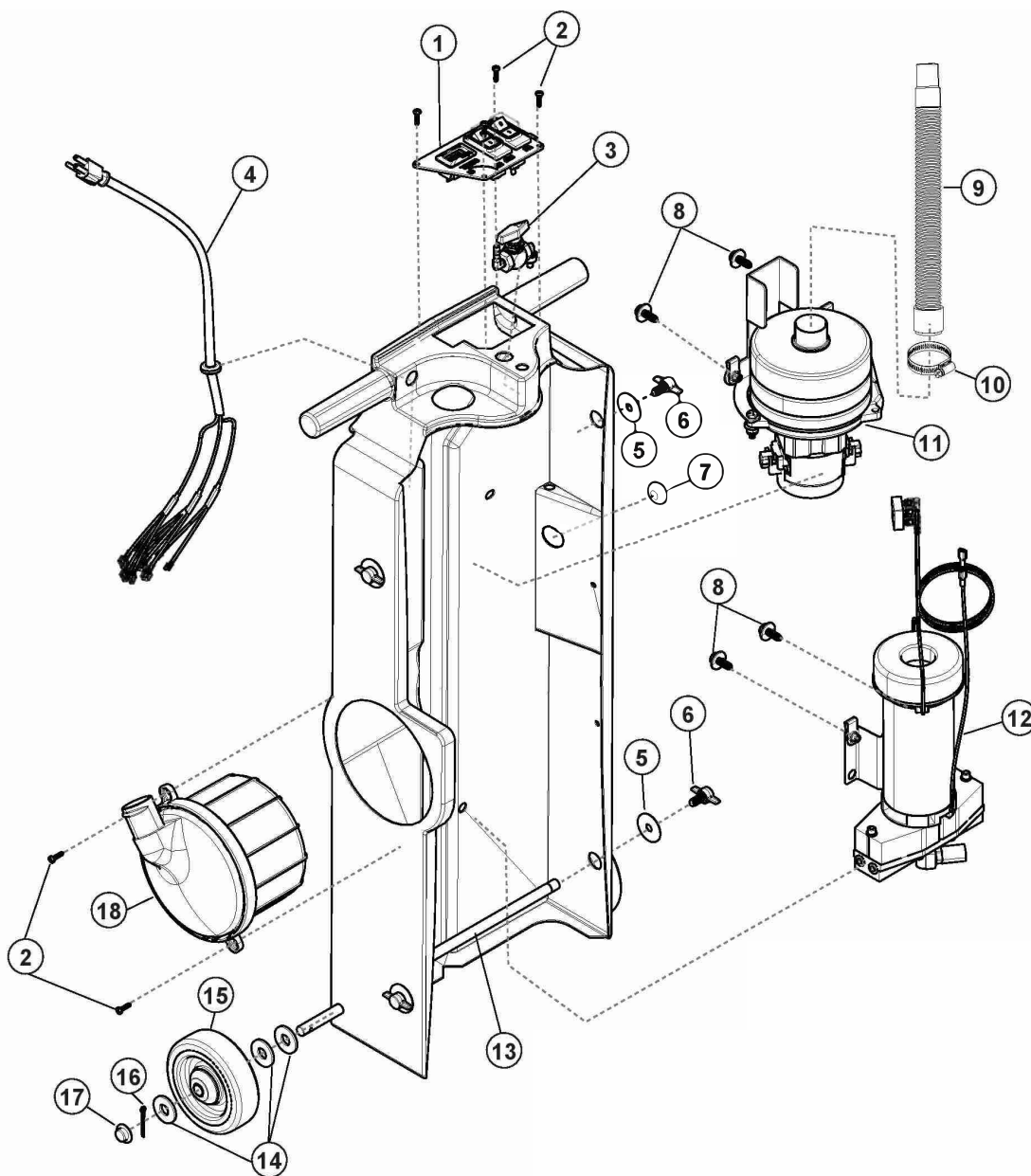
[P/N: WTA1200]

#	PART NO.	PART DESCRIPTION
1	WDVTC	OMNIFLEX VAC TANK TOOL CUP
2	CSS398	8 X 3/4 SS TRUSS SCREW
3	COLD00	LID 4 1/4 IN
4	MFILT	MUSHROOM FILTER
5	CSS142	3/8 IN BRASS HOSE BARB
6	CPS20	3/8 NPT X 1/2 BRASS HOSE BARB
7	LCST4	4 TOTAL LOCK CASTER
8	CSS133	5/16 SPLIT LOCK WASHER 300 SS
9	CSS132	5/16-18X1 BUTTON HEAD



1250 AC BLACK BOX ASSEMBLY

[P/N: BBA1250R, BBA1250240VIR, BR1201]



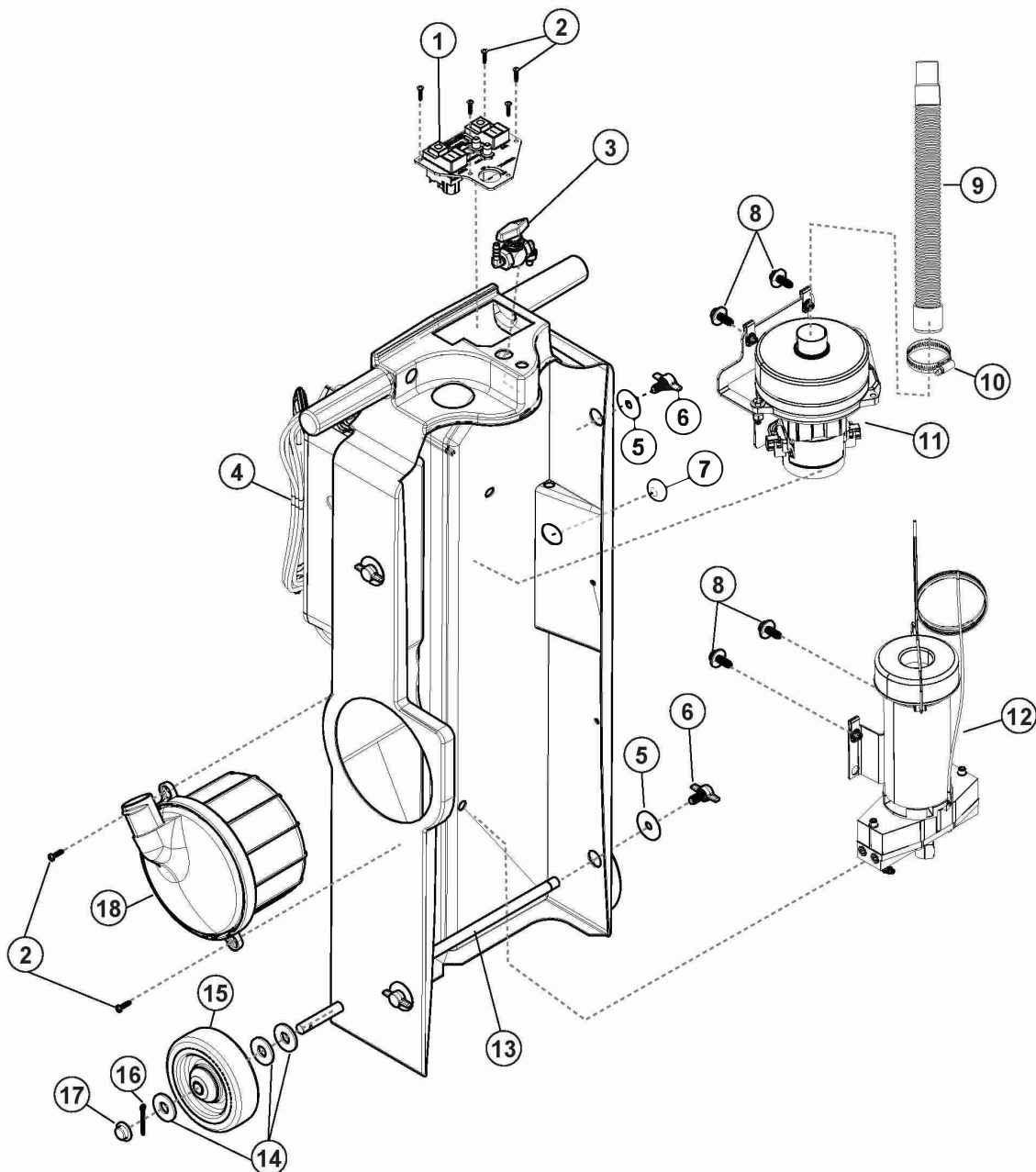
#	PART NO.	PART DESCRIPTION
1	SPA1250	SWITCH PANEL ASSEMBLY FOR KV1250
2	CSS17A	8 SST SCREW 3/4
3	VA2WS	VALVE ASSEMBLY 2 WAY FOR KV1250
4A	HEPC08	POWER CORD - PIGTAIL - 14 GAUGE 3 CONDUCTOR 22IN WIGROMMET
4B	CES20I	POWER CORD MOLDED WITH GROMMET
5*	CSS48	3/8 SST LARGE OD WASHER
6*	CSS156	3/8 X 3/4 T THUMB SCREW YELLOW
7	CSS175	3/4 ID X 1 3/8 OD GROMMET
8	CSS07	BOLT - HEX - FLANGED - BLACK OXIDE - 5/16-18 X 1IN
9	VMH27	VAC MOTOR HOSE NEW

10	CSS39	1 1/16 - 2 HOSE CLAMP
11A	VM1A00	VAC MOTOR ASY KV1200 REPLACEMENT VMA1200
11B	VM2A00	VAC MOTOR ASY KV1250 REPLACEMENT VMA1250240V
12A	PA1250	PUMP ASSEMBLY FOR KV1200
12B	PA1250240V-2	PUMP ASSEMBLY FOR KV1250
13	AX195	AXLE 19.75 X 1/2 CR STEEL
14	CSS40	1/2 DIA WASHERS
15	WHL5	5 X 1 1/2 TPU WHEEL W-1/2 BB
17	CSS01	1/2 IN PUSH CAP NUT
18	HEPAHA2	HEPA HOUSING ASSEMBLY

* Shown but not part of assembly

1250 DC BLACK BOX ASSEMBLY

[P/N: BBA1250QCR, BR1200]



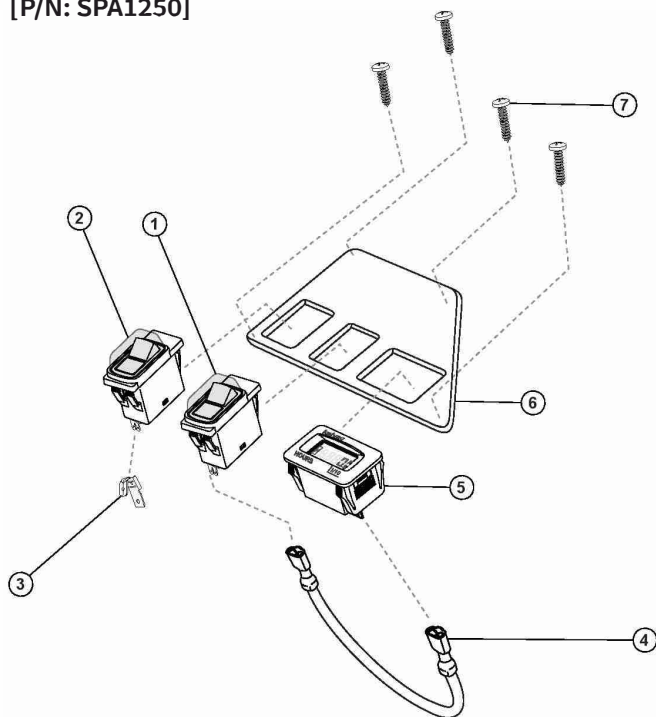
#	PART NO.	PART DESCRIPTION
1	SPA1250B	SWITCH PANEL ASSEMBLY
2	CSS17A	8 SST SCREW 3/4
3	VA2WS	VALVE ASSEMBLY 2 WAY FOR KV1250
4	EABT06	BATTERY HOUSING
5*	CSS48	3/8 SST LARGE OD WASHER
6*	CSS156	3/8 X 3/4 T THUMB SCREW YELLOW
7	CSS175	3/4 ID X 1 3/8 OD GROMMET
8	CSS07	BOLT - HEX - FLANGED - BLACK OXIDE - 5/16-18 X 1IN

9	VMH27	VAC MOTOR HOSE NEW
10	CSS39	1 1/16 - 2 HOSE CLAMP
11	VM3D07	VAC MOTOR ASY KV1200 36V REPLACEMENT VMA1200B
12	PA1250B	PUMP ASSEMBLY
13	AX195	AXLE 19.75 X 1/2 CR STEEL
14	CSS40	1/2 DIA WASHERS
15	WHL5	5 X 1 1/2 TPU WHEEL W-1/2 BB
17	CSS01	1/2 IN PUSH CAP NUT
18	HEPAHA2	HEPA HOUSING ASSEMBLY

* Shown but not part of assembly

1250 AC SWITCH PANEL ASSEMBLY

[P/N: SPA1250]

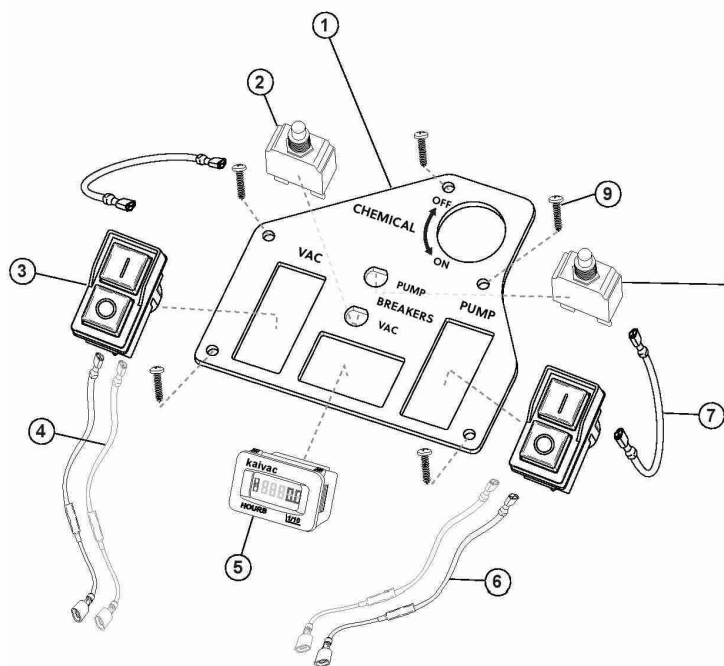


#	PART NO.	PART DESCRIPTION
1	5ACBS	5 AMP CIRCUIT BREAKER SWITCH BLACK (PUMP)
2	15ACBS	15 AMP CIRCUIT BREAKER SWITCH WHITE (VAC)
3	CSS123	QUICK CONNECT PIGGY BACK TERM
4	JWB5	JUMPER WIRE BLACK 5 IN
5	HMETER	SNAP IN DIGITAL METER
6	SPLSSB1200	SWITCH PLATE SS W/ BREAKER
7*	CSS17A	8 SST SCREW 3/4

* Shown but not part of assembly

1250 DC SWITCH PANEL ASSEMBLY

[P/N: SPA1250B]



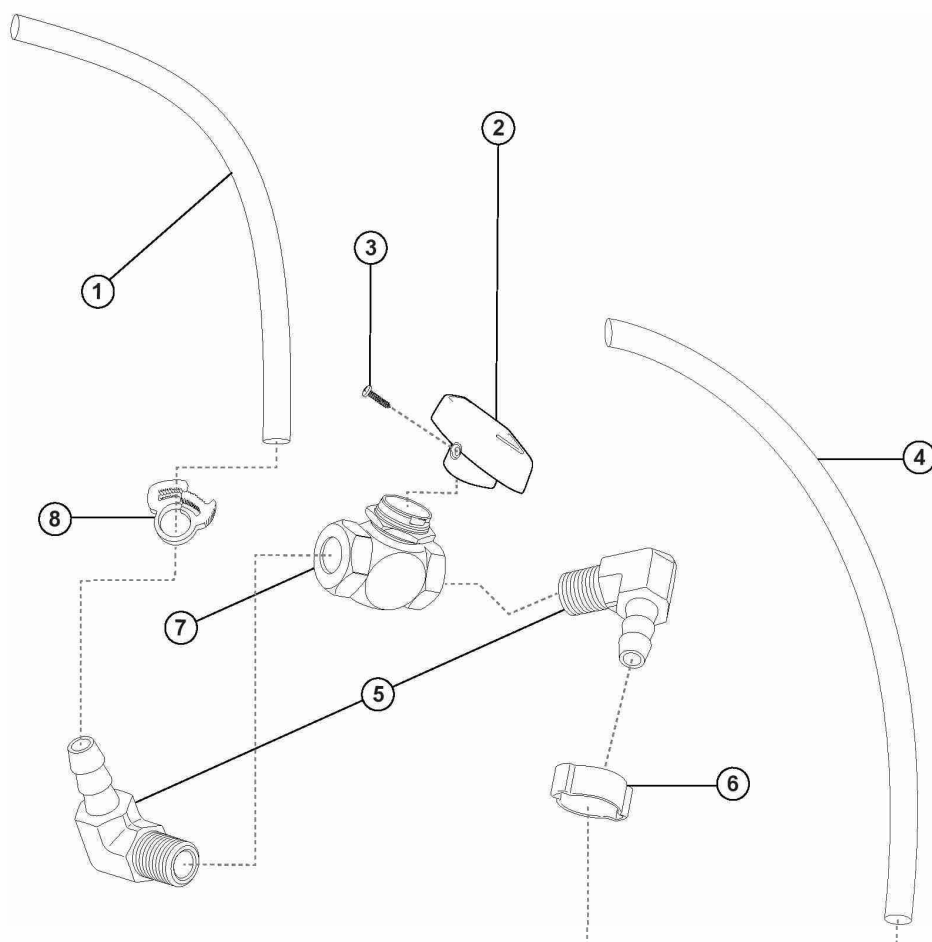
#	PART NO.	PART DESCRIPTION
1	SPLSSBB1200	SWITCH PLATE FOR KV1250QCBATT
2	20ACBB	20A CIRCUIT BREAKER BUTTON
3	HESB01	SWITCH - ELECTROMAGNETIC - 25.1A HEAVY DUTY
4	JWR12	JUMPERWIRE RED 12GA 1/4F TO BARE 12IN
5	HMETER	SNAP IN DIGITAL METER
6	JWB12	JUMPER WIRE BLACK 12GA 1/4F TO BARE 12IN
7	JWR5	12 GA. JUMPER WIRE RED 5 IN
8	10ACBB	10A CIRCUIT BREAKER BUTTON
9*	CSS17A	8 SST SCREW 3/4

* Shown but not part of assembly

1250 VALVE ASSEMBLY

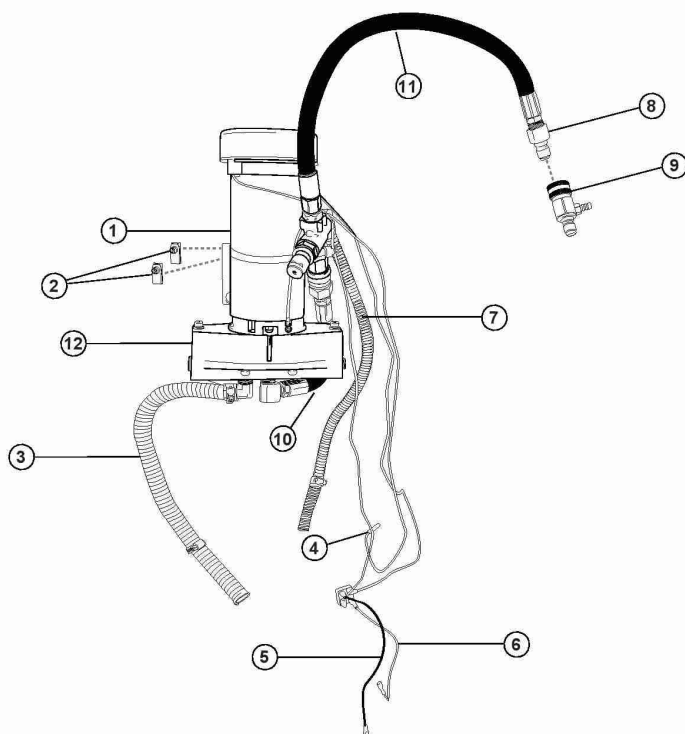
[P/N: VA2WS]

#	PART NO.	PART DESCRIPTION
1	SPH18	2 WAY VALVE HOSE FOR KV1250
2	CPS50B	BLACK KNOB FOR 3 WAY VALVE
3	CPS50C	SET SCREW FOR 3 WAY VALVE
4	SPH25	ELECT BOX CHEMICAL HOSE 25 IN
5	CPS68S	90 DEG 1/8 NPT MALE SST
6	CPS65	1/2 IN CLAMP
7	CPS43S	2 WAY SST VALVE VITON SEALS (INCLUDES KNOB)
8	CSS21F	SNAP GRID HOSE CLAMP SIZE C



1250 AC PUMP ASSEMBLY

[P/N: PA1250, PA1250240V-2]



#	PART NO.	PART DESCRIPTION
1A	P217AM-12	PUMP MOTOR - RAW - 1200 500 PSI 120VAC
1B	PUMP217240VDC	PUMP MOTOR - RAW - 1200 1700 17001 27001 500 PSI 240VAC
2	CSS08	5/16-18 U-NUT
3	WL1250	WATER LINE FOR 1250
4	CSS127	QUICK DISCONNECT TERMINAL
5	JWB	JUMPER WIRE BLACK 12 IN
6	JWW	JUMPER WIRE WHITE 12 IN
7	RL1750	RETURN LINE FOR 1250/1750
8	CPS38	3/8 QD PLUG
9*	CPS12JQCS	QUICK CONNECT INJECTOR 316 SST
10	CPS14B	PULSE HOSE SHORT
11	CPS14	PULSE HOSE LONG
12	PUMPSARE217	PUMP ONLY

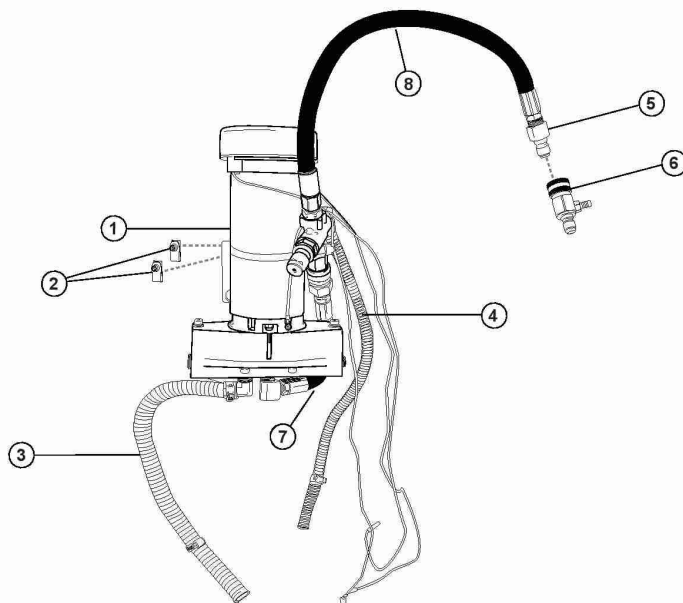
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1250 DC PUMP ASSEMBLY

[P/N: PA1250B]

#	PART NO.	PART DESCRIPTION
1	P217AM-12B	PUMP MOTOR - RAW - 1200 500 PSI 36VDC
2	CSS08	5/16-18 U-NUT
3	WL1250	WATER LINE FOR 1250
4	RL1750	RETURN LINE FOR 1250/1750
5	CPS38	3/8 QD PLUG
6*	CPS12JQCS	QUICK CONNECT INJECTOR 316 SST
7	CPS14B	PULSE HOSE SHORT
8	CPS14	PULSE HOSE LONG

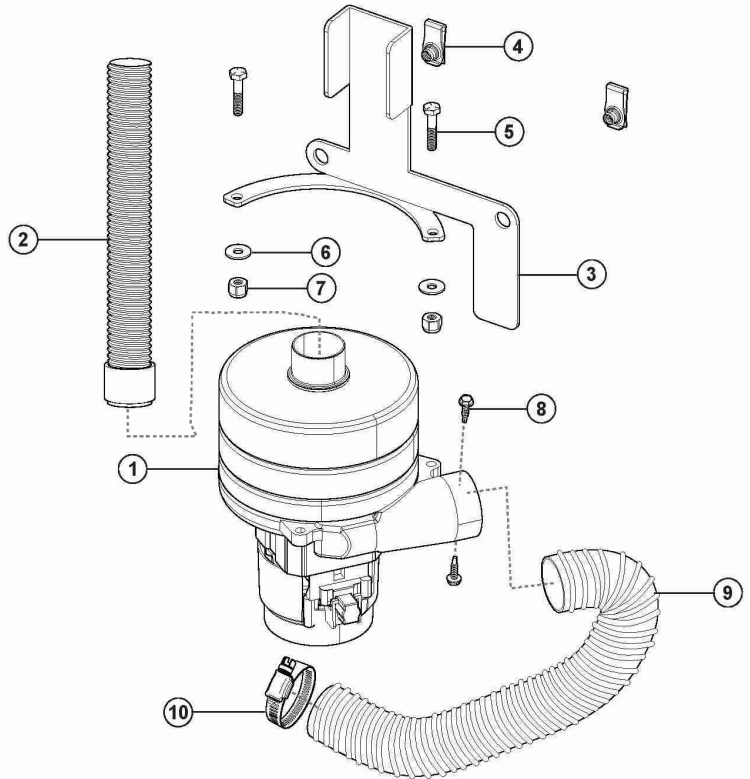
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1250 AC VAC MOTOR ASSEMBLY

[P/N: VM1A00, VM2A00]

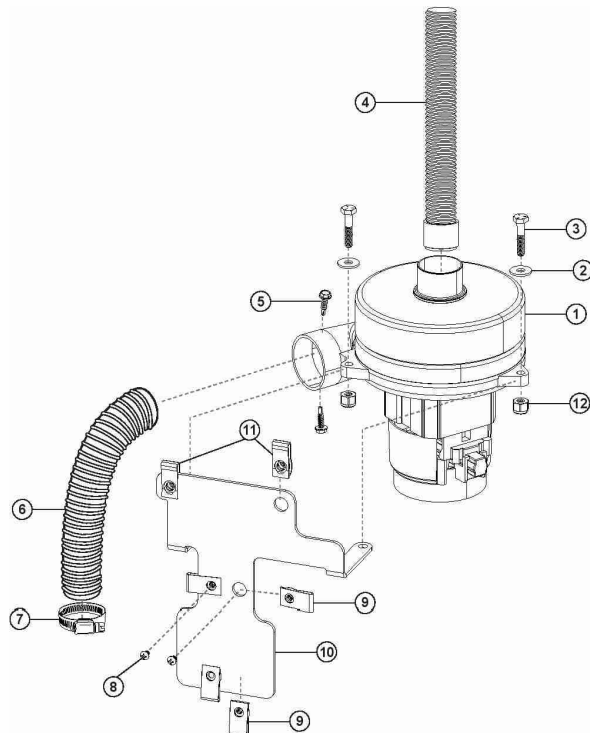
#	PART NO.	PART DESCRIPTION
1A	CVM1R	VAC MOTOR - REPLACEMENT ASSEMBLY - CVM1
1B	CVM240V	VAC MOTOR - RAW - 1200 240VAC
2	VMH27	VAC MOTOR HOSE
3	VBRAK	VAC MOTOR BRACKET KV1200
4	CSS08	5/16-18 U NUT
5	CSS203	HEX BOLT 1/4 20 X 1 1/4
6	CSS44	1/4 FLAT WASHER
7	CSS27	1/4 NYLOC NUT
8	CSS11	NO 10 3/4 SELF DRILLING
9	HFH16	HEPA FILTER HOSE 16 IN
10	CSS39	1 1/16-2 HOSE CLAMP



1250 DC VAC MOTOR ASSEMBLY

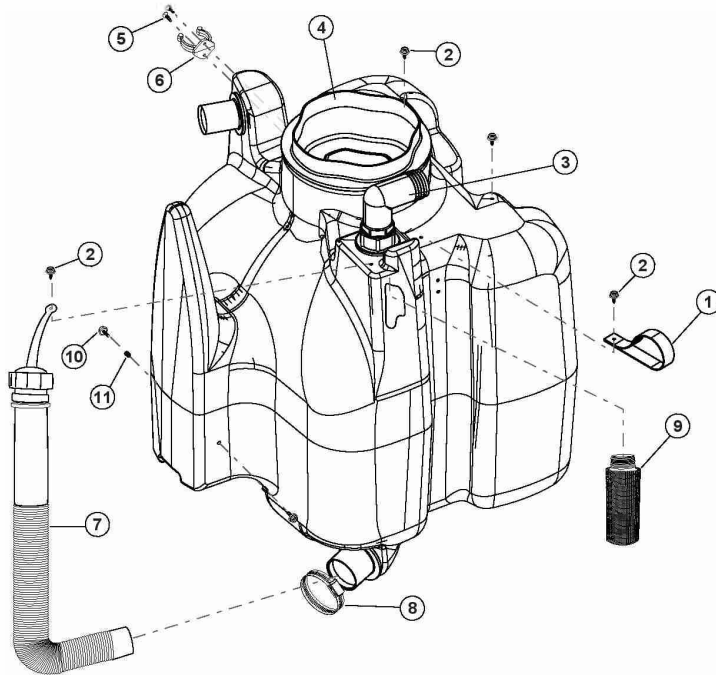
[P/N: VM3D07]

#	PART NO.	PART DESCRIPTION
1	CVM136V	VAC MOTOR - RAW - 1200 36VDC
2	CSS44	1/4 FLAT WASHER
3	CSS203	HEX BOLT 1/4 20 X 1 1/4
4	VMH27	VAC MOTOR HOSE
5	CSS11	NO 10 3/4 SELF DRILLING
6	HFH16	HEPA FILTER HOSE 16 IN
7	CSS39	1 1/16-2 HOSE CLAMP
8	HWS004	PHILLIPS - PAN - 18-8 SST - 1/4-20 X 1 5/8 IN
9	CSS153	1/4-20 U NUT
10	VBRAK1	VAC MOTOR BRACKET KV1200 BATTERY
11	CSS08	5/16-18 U NUT
12	CSS27	1/4 NYLOC NUT



1750 VAC TANK ASSEMBLY

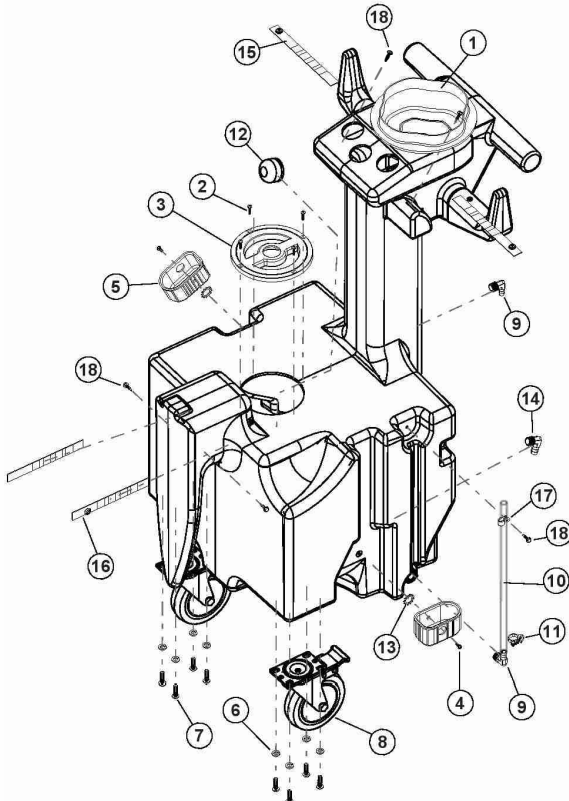
[P/N: VTA17]



#	PART NO.	PART DESCRIPTION
1	SUBSS11	11 IN SNAP AND STRAP
2	CSS20	SNAP STUD
3	CSS144	1 1/4 NPT X 1 1/2 HOSE BARB
4	GA0008	VAC LID, JUG HOLDER ASSEMBLY
5	CSS17	#8 FLAT HEAD SQUARE SCREW
6	CSS14	13 CLAMP, FOR TOOLS
7	DH25	26" X 1.5" DUMP HOSE 2" CUFF
8	CSS03	1 9/16 - 2 1/2 HOSE CLAMP
9	KZFLOAT	FLOAT SHUT OFF
10	CSS147	SCREW - MACHINE - SNAP STUD - 18-8 SST
11	CSS145	INSERT - NON FLANGED - 8-32

1750 WATER TANK ASSEMBLY

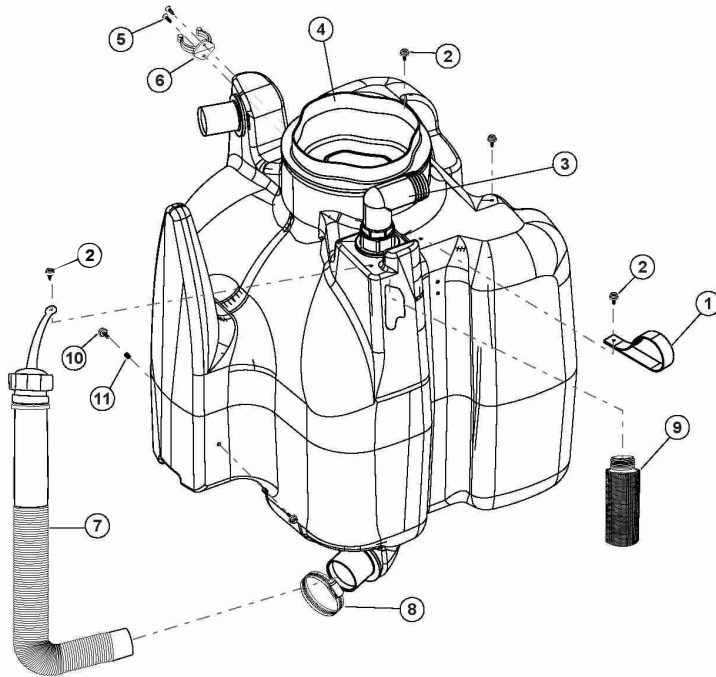
[P/N: WTA17 (CORDED), WTA17V2 (BATTERY)]



#	PART NO.	PART DESCRIPTION
1	GA0008	VAC LID, JUG HOLDER ASSEMBLY
2	CSS17A	8 SST SCREW 3/4
3	LID4	LID WITH TETHER 4 1/2 IN
4	HWS002	1/4 20 X 3/4 SS WIDE TRUSS SCREW
5	WDVTC	TOOL CUP
6	CSS133	5/16 SPLIT LOCK WASHER 300 SS
7	CSS132	5/16-18X1 BUTTON HEAD
8	CFS03	5 IN CASTER, MOUNTING PLATE
9	CSS143	3/8 IN 90 DEG BRASS BARB
10	ST15	SIGHT TUBE 14.75 IN 3/8 ID
11	CSS21	SNAP GRIP HOSE CLAMP SIZE D
12	MFILT	MUSHROOM FILTER
13	CSS205	WASHER - EXT TOOTH LOCK - ZINC - 9/16
14	CSS158	90 DEG BRASS 3/8 NPT X 1/2 HOSE
15	SUBSS4	4 IN SNAP AND STRAP
16	SUBSS6	6 IN SNAP AND STRAP
17	HWM003	CABLE CLAMP 7/16 BLACK
18	CSS11	NO 10 X 3/4 SELF DRILLING

2750 VAC TANK ASSEMBLY

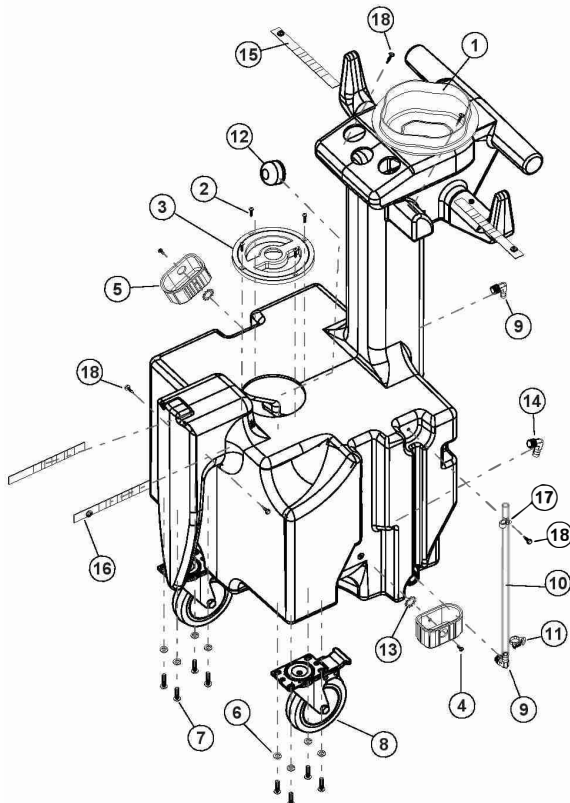
[P/N: VTA27]



#	PART NO.	PART DESCRIPTION
1	SUBSS11	11 IN SNAP AND STRAP
2	CSS20	SNAP STUD
3	CSS144	1 1/4 NPT X 1 1/2 HOSE BARB
4	GA0008	VAC LID, JUG HOLDER ASSEMBLY
5	CSS17	#8 FLAT HEAD SQUARE SCREW
6	CSS14	13 CLAMP, FOR TOOLS
7	DH25	26" X 1.5" DUMP HOSE 2" CUFF
8	CSS03	1 9/16 - 2 1/2 HOSE CLAMP
9	KZFLOAT	FLOAT SHUT OFF
10	CSS147	SCREW - MACHINE - SNAP STUD - 18-8 SST
11	CSS145	INSERT - NON FLANGED - 8-32

2750 WATER TANK ASSEMBLY

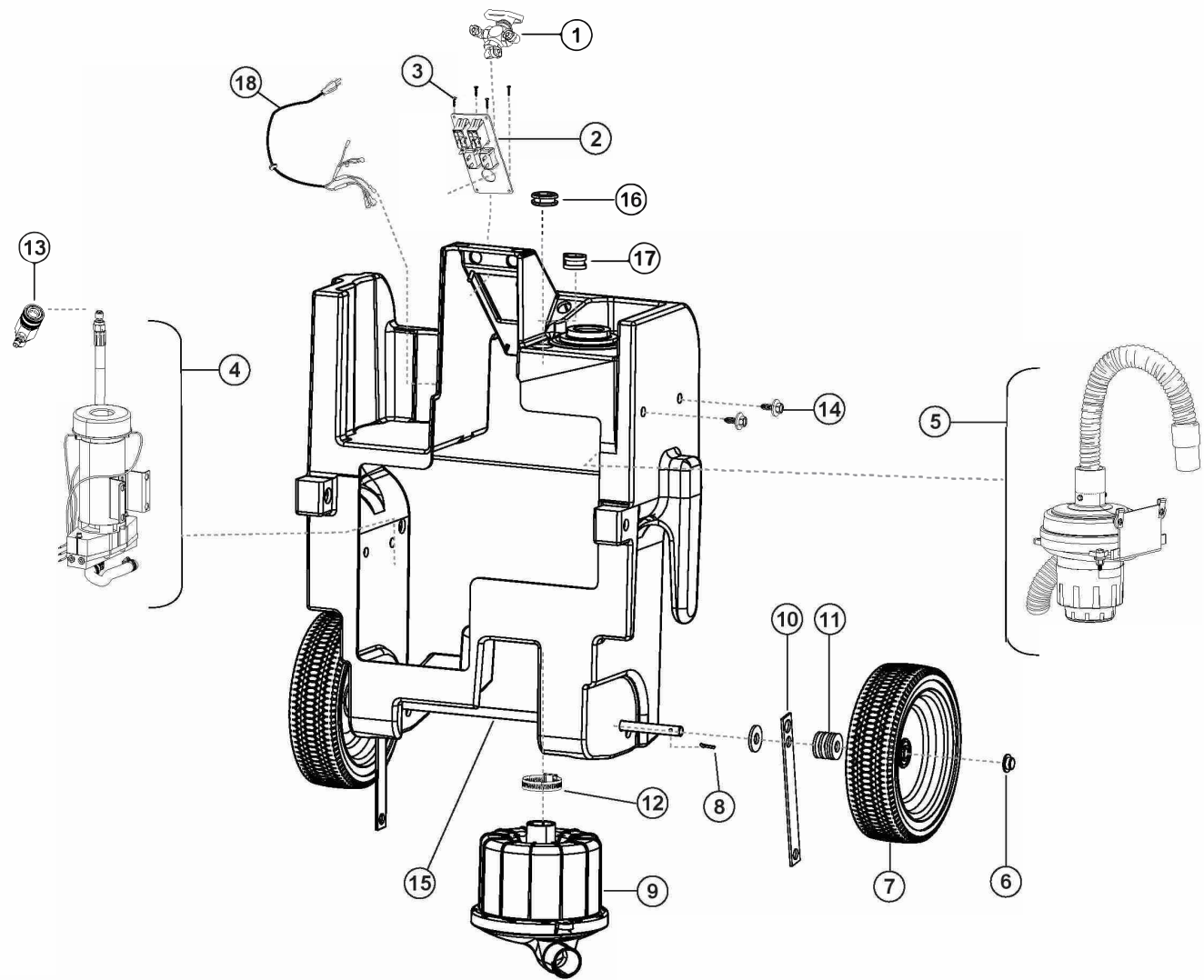
[P/N: WTA27 (CORDED), WTA27V2 (BATTERY)]



#	PART NO.	PART DESCRIPTION
1	GA0008	VAC LID, JUG HOLDER ASSEMBLY
2	CSS17A	8 SST SCREW 3/4
3	LID4	LID WITH TETHER 4 1/2 IN
4	HWS002	1/4 20 X 3/4 SS WIDE TRUSS SCREW
5	WDVTC	TOOL CUP
6	CSS133	5/16 SPLIT LOCK WASHER 300 SS
7	CSS132	5/16-18X1 BUTTON HEAD
8	CFS03	5 IN CASTER, MOUNTING PLATE
9	CSS143	3/8 IN 90 DEG BRASS BARB
10	HPST00	SIGHT TUBE 17.75 IN 3/8 ID
11	CSS21	SNAP GRIP HOSE CLAMP SIZE D
12	MFILT	MUSHROOM FILTER
13	CSS205	WASHER - EXT TOOTH LOCK - ZINC - 9/16
14	CSS158	90 DEG BRASS 3/8 NPT X 1/2 HOSE
15	SUBSS4	4 IN SNAP AND STRAP
16	SUBSS6	6 IN SNAP AND STRAP
17	HWM003	CABLE CLAMP 7/16 BLACK
18	CSS11	NO 10 X 3/4 SELF DRILLING

1750/2750 AC BLACK BOX ASSEMBLY

[P/N: BBA17501R, BBA17501RE, BBA17501240VIR, BBA17501A, BBA27501R, BBA27501240VIR]

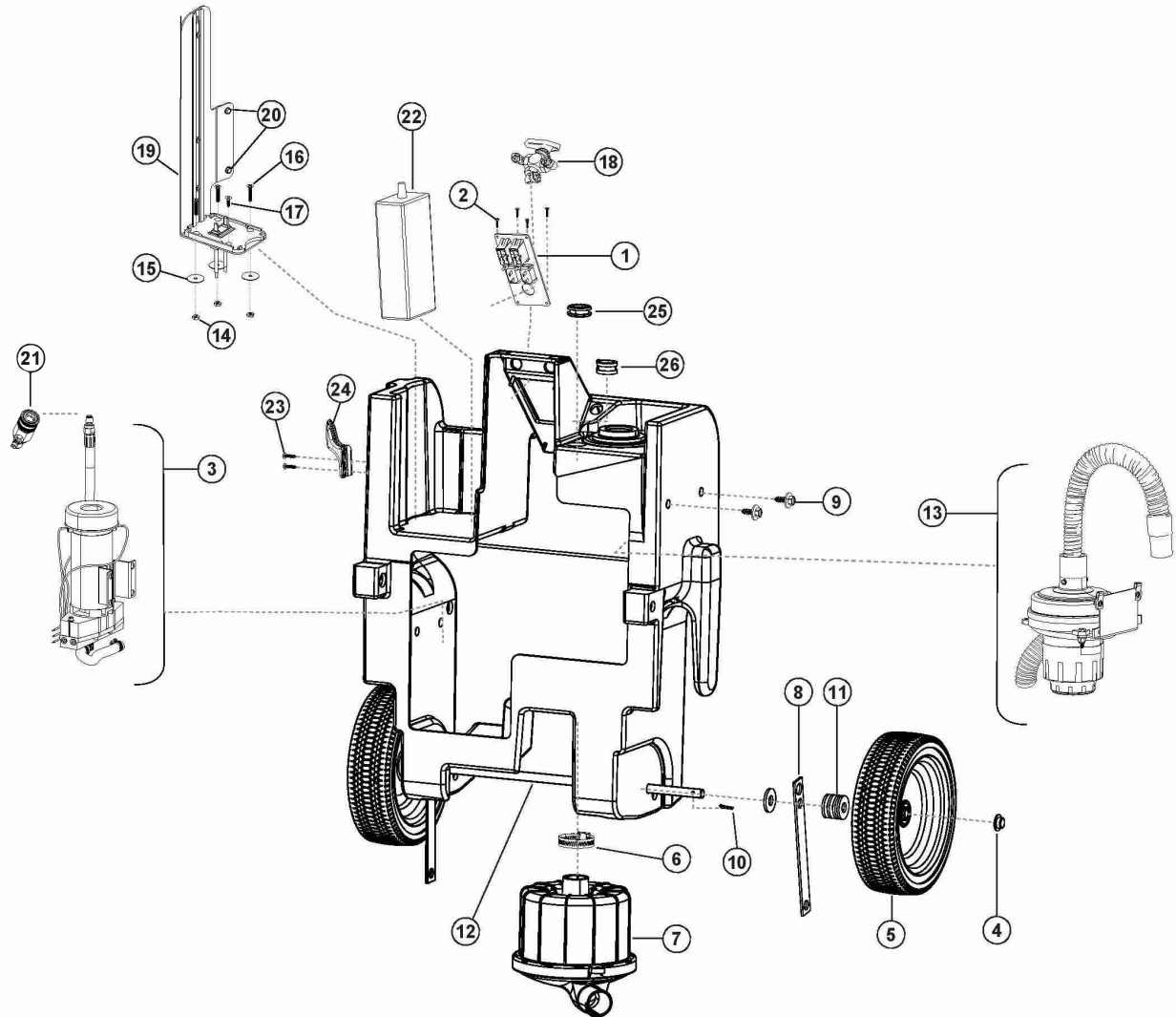


#	PART NO.	PART DESCRIPTION
1A	VA3WS	VALVE ASSEMBLY 3 WAY 17001 SST
1B	430000	VALVE ASSEMBLY 3 WAY 27001 SST
2A	SPADC	SWITCH PANEL ASSEMBLY
2B	SPADCE	SWITCH PANEL ASSEMBLY FOR ETL
3	CSS17A	#8 SST SCREW 3/4
4A	PA217	PUMP ASSEMBLY COMPLETE KV1750
4B	PA217E	PUMP ASSEMBLY COMPLETE FOR KV1750 ETL
4C	PA1750240V-2	PUMP ASSEMBLY COMPLETE KV1750
5A	VMA1700R	HE 120V VMA 1700 REPLACEMENT VMA1700
5B	VMA27001R	HE 120V VMA 27001 REPLACEMENT VMA27001
5C	VM1A01	HE 120V VMA 1700 ETL REPLACEMENT VMA1700E
5D	VM2A01	1750 VAC MOTOR ASSEMBLY 240V REPLACEMENT VMASM240V
5E	VM2A02	VAC MOTOR - ASSEMBLY - 27001 240VAC REPLACEMENT VMA27001240V
6A	CSS01	1/2 IN PUSH CAP NUT
6B	CSS43	5/8 PUSH CAP NUT

7A	WHEEL8B	FLAT FREE TIRE 8 IN 1/2 HUB
7B	WHEEL10	FLAT FREE TIRE 10 IN 5/8 HUB
8	CSS72	COTTER PIN 1/8 DIA X 11/4 LG
9	HEPAHA2	HEPA HOUSING ASSEMBLY
10	AXSTRAP	AXLE STRAP
11	CSS40	WASHER - FLAT - ZINC - 1/2
12	CSS39	CLAMP - HOSE - WORM - 1 1/16
13	CPS12JQCS	SST INJECTOR
14	CSS07	BOLT - MACHINE - HEX - FLANGED - BLACK OXIDE - 5/16
15A	AX205	AXLE 20.5IN X 1/2 DIA 303 SST
15B	AX21	AXLE 21 IN X 5.8 DIA 303 ST
16	CSS175	HARDWARE - GROMMET - BUNA
17	CSS130	CLAMP - VIBRATION DAMPING LOOP - 7/8
18A	PCKV1A	POWER CORD MOLDED W/ GROMMET
18B	PCKV1TA	POWER CORD MOLDED W/ GROMMET & TWIST LOCK
18C	CES20I	50' PRONG CORD WITH RCD INTERNATIONAL

1750/2750 DC BLACK BOX ASSEMBLY

[P/N: BBA17501QCR, BR1701, BBA27501QCR, BR2701]

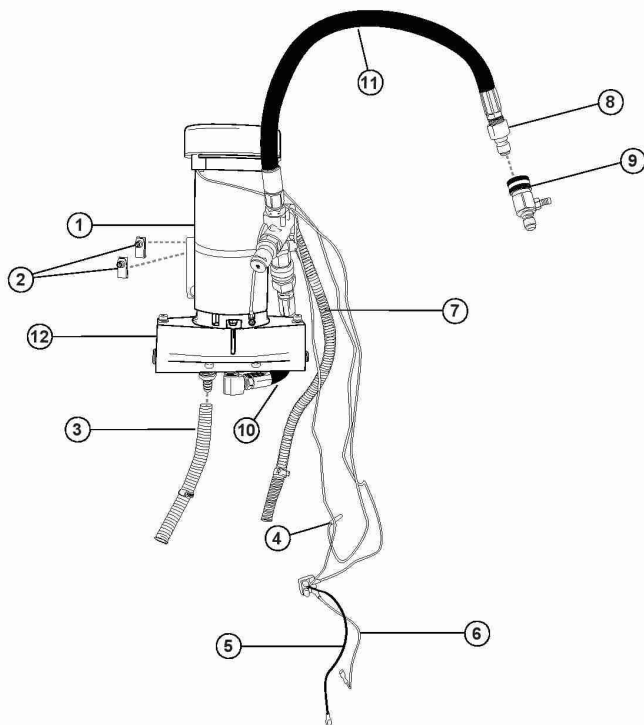


#	PART NO.	PART DESCRIPTION
1	SPADCB	SWITCH PANEL ASSEM DUAL CHEM BATT
2	CSS17A	8 SST SCREW 3/4
3	PA217B	PUMP ASSEMBLY COMPLETE FOR KV17501, KV27501
4A	CSS01	1/2 IN PUSH CAP NUT
4B	CSS43	5/8 PUSH CAP NUT
5A	WHEEL8B	FLAT FREE TIRE 8 IN 1/2 HUB
5B	WHEEL10	FLAT FREE TIRE 10 IN 5/8 HUB
6	CSS39	CLAMP - HOSE - WORM - 1 1/16
7	HEPAHA2	HEPA HOUSING ASSEMBLY
8	AXSTRAP	AXLE STRAP
9	CSS07	BOLT - MACHINE - HEX - FLANGED - BLACK OXIDE - 5/16
10	CSS72	COTTER PIN 1/8 DIA X 11/4 LG
11A	CSS40	1/2 DIA WASHERS
11B	CSS46	5/8 DIA WASHERS
12A	AX205	AXLE 20.5 IN 1/2 DIA 303 SST
12B	AX21	AXLE 21 IN 5/8 DIA

13A	VM3D08	36V VAC MOTOR 1700 REPLACEMENT VMA1700B
13B	VM3D11	36V VAC MOTOR 27001 REPLACEMENT VMA27001B
14	CSS74	10-24 NUT
15	CSS95	10 WASHER
16	CSS380	10-24 X 1 IN SST FLAT SCREW
17	CSS375	NO 10 18-8 SST SCREW
18A	VA3WBS	VALVE ASSEM. 3 WAY BATT
18B	VA3WB27S	VALVE ASSEM. 3 WAY BATT 2700
19	QCINT2A	QUICK CHANGE INTERFACE - 36VDC GEN 2 METAL
20	CSS11	NO 10 X 3/4 SELF DRILLING
21	CPS12JQCS	SST INJECTOR
22	EACG00	CHARGER - INPUT 100-240VAC OUTPUT 42VDC 4A
23	CSS17A	#8 SST SCREW 3/4
24	GP0010	GEN 2 CORD WRAP CLEAT
25	CSS175	HARDWARE - GROMMET - BUNA
26	CSS130	CLAMP - VIBRATION DAMPING LOOP - 7/8

1750/2750 AC PUMP ASSEMBLY

[P/N: PA217, PA217E, PA1750240V-2]

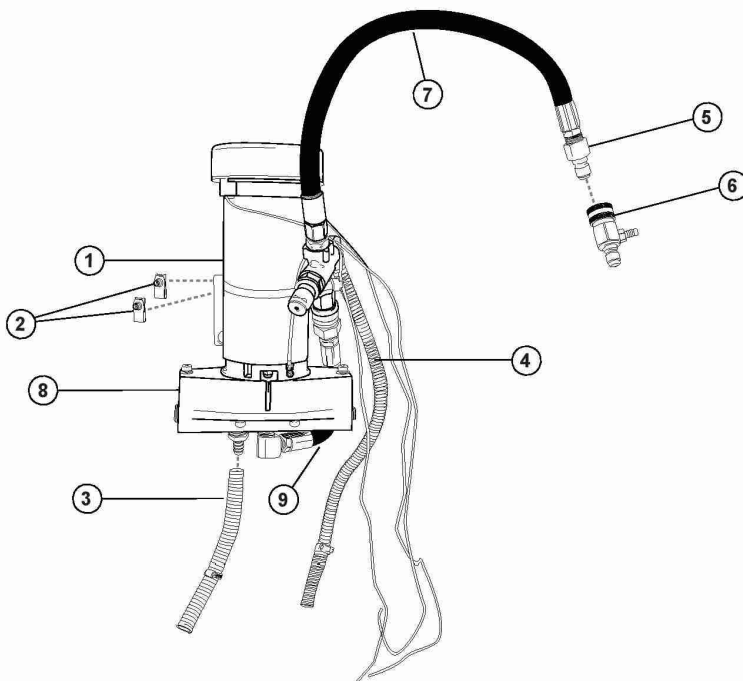


#	PART NO.	PART DESCRIPTION
1A	P217AM	PUMP MOTOR - RAW - 1700 17001 27001 500 PSI 120VAC
1B	PUMP217240VDC	PUMP MOTOR - ASSEMBLY - 1700 17001 27001 500 PSI 240VAC
2	CSS08	5/16-18 U-NUT
3	WL1750	WATER LINE FOR 1750
4	CSS127	QUICK DISCONNECT TERMINAL
5	JWB	JUMPER WIRE BLACK 12 IN
6	JWW	JUMPER WIRE WHITE 12 IN
7	RL1750	RETURN LINE FOR 1750
8	CPS38	3/8 QD PLUG
9*	CPS12JQCS	QUICK CONNECT INJECTOR 316 SST
10	CPS14B	PULSE HOSE SHORT
11	CPS14	PULSE HOSE LONG
12	PUMPSARE217	PUMP ONLY

* Shown but not part of assembly

1750/2750 DC PUMP ASSEMBLY

[P/N: PA217B]

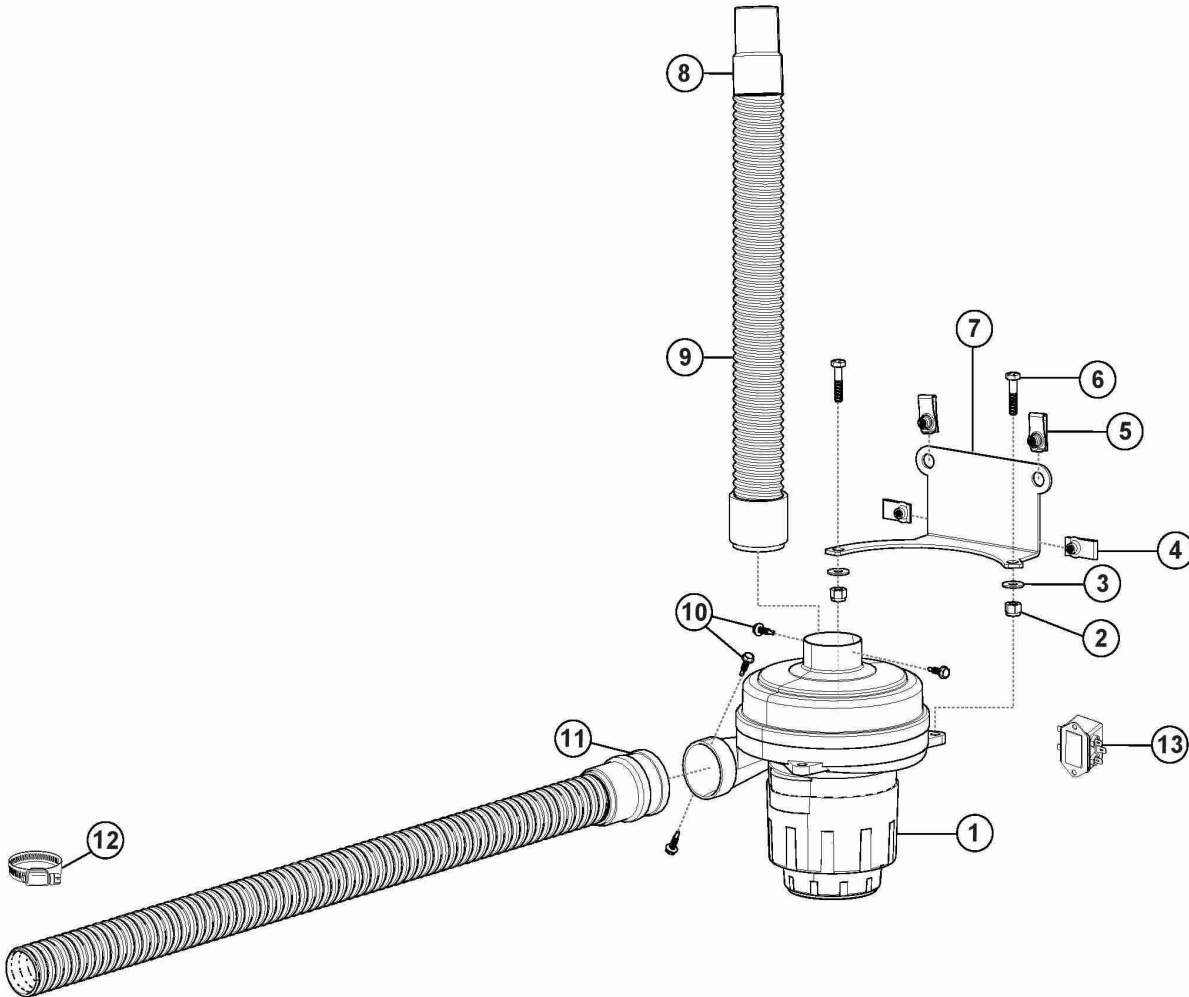


#	PART NO.	PART DESCRIPTION
1	P217AMB	PUMP ASSEMBLY 500 PSI 36VDC
2	CSS08	5/16-18 U-NUT
3	WL1750	WATER LINE FOR 1750
4	RL1750	RETURN LINE FOR 1750
5	CPS38	3/8 QD PLUG
6*	CPS12JQCS	QUICK CONNECT INJECTOR 316 SST
7	CPS14B	PULSE HOSE SHORT
8	CPS14	PULSE HOSE LONG
9	PUMPSARE217	PUMP ONLY

* Shown but not part of assembly

1750/2750 AC VAC MOTOR ASSEMBLY

[P/N: VMA1700R, VM1A01, VM2A01, VMA27001R, VM2A02]

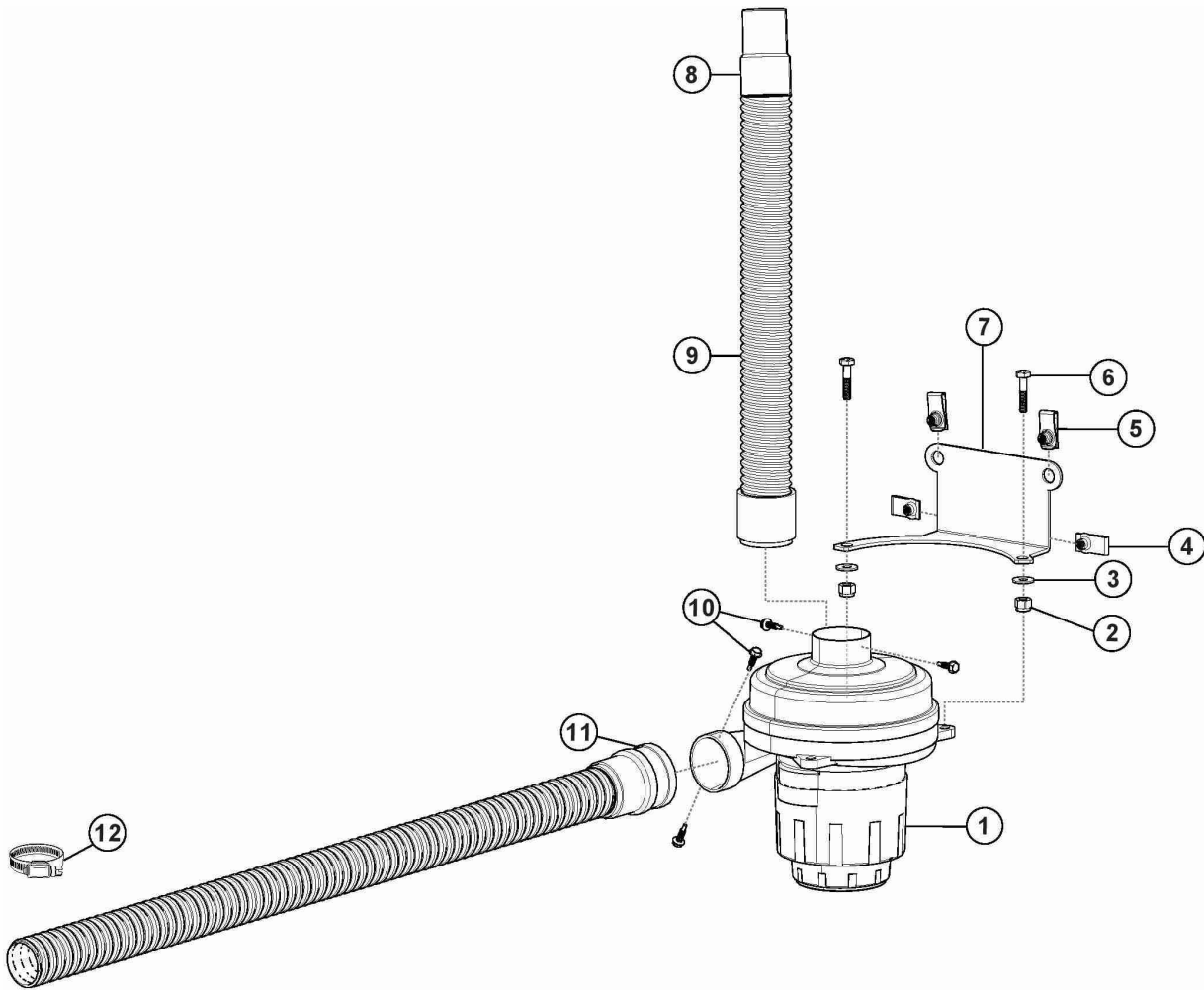


#	PART NO.	PART DESCRIPTION
1A	HEVM1	HIGH EFFICIENCY 120V VAC MOTOR
1B	HEVM1240V	HIGH EFFICIENCY VAC MOTOR 240V (INTL)
2	CSS27	NUT - HEX - LOCKING - ZINC - 1/4-20
3	CSS44	WASHER - FLAT - ZINC - 1/4 - .313ID X .750OD
4	CSS153	NUT - CLIP ON - BLACK STEEL - 1/4-20
5	CSS08	NUT - CLIP ON - BLACK STEEL - 5/16-18
6	CSS203	BOLT - MACHINE - HEX - ZINC - 1/4-20 X 1 1/4IN
7	VBRAK4	BRACKET - VAC MOTOR - 1700 2700
8	CVS08A	CUFF - RIGID 1 1/2 BLACK
9A	VMH27A	VAC MOTOR HOSE - RAW - INTAKE 28IN 1700 17001
9B	VMH34A	VAC MOTOR HOSE SHORT CUFF 34 IN
10	CSS11	SCREW - DRILLING - HEX - FLANGED - ZINC - NO. 10 X 3/4IN
11	VEH19	VAC MOTOR HOSE - RAW - EXHAUST 18 1/4IN 1700 17001 2100 27001
12	CSS39	1 1/16 - 2 WORM HOSE CLAMP
13*	CSS135	AC/DC EMC/RFI FILTER (INTL)

* 240V Vac Motors Only

1750/2750 DC VAC MOTOR ASSEMBLY

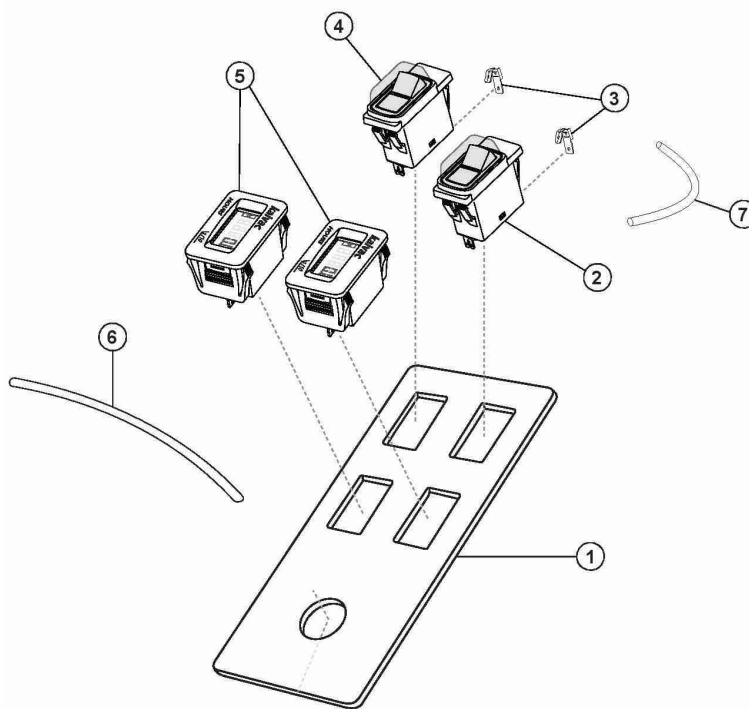
[P/N: VM3D08, VM3D11]



#	PART NO.	PART DESCRIPTION
1	CVM36V	2 STAGE VAC MOTOR 36VDC
2	CSS27	NUT - HEX - LOCKING - ZINC - 1/4-20
3	CSS44	WASHER - FLAT - ZINC - 1/4 - .31 3ID X .750OD
4	CSS153	NUT - CLIP ON - BLACK STEEL - 1/4-20
5	CSS08	NUT - CLIP ON - BLACK STEEL - 5/16-18
6	CSS203	BOLT - MACHINE - HEX - ZINC - 1/4-20 X 1 1/4IN
7	VBRAK4	BRACKET - VAC MOTOR - 1700 2700
8	CVS08A	CUFF - RIGID 1 1/2 BLACK
9A	VMH27A	VAC MOTOR HOSE - RAW - INTAKE 28IN 1700 17001
9B	VMH34A	VAC MOTOR HOSE SHORT CUFF 34 IN
10	CSS11	SCREW - DRILLING - HEX - FLANGED - ZINC - NO. 10 X 3/4IN
11	VEH19	VAC MOTOR HOSE - RAW - EX-HAUST 18 1/4IN 1700 17001 2100 27001
12	CSS39	1 1/16 - 2 WORM HOSE CLAMP

1750/2750 AC SWITCH PANEL ASSEMBLY

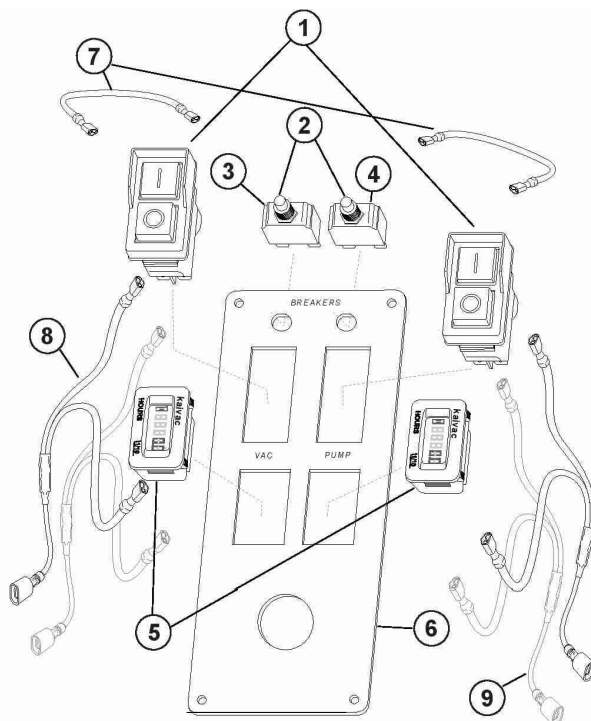
[P/N: SPADC, SPADCE]



#	PART NO.	PART DESCRIPTION
1	SPDCSSB	SWITCH PNL DUAL CHEM FOR BREAKER SWITCH
2	5ACBS	5 AMP PUMP CIRCUIT BREAKER SWITCH
3	CSS123	QUICK CONNECT PIGGY BACK TERM
4	15ACBS	15 AMP VAC CIRCUIT BREAKER SWITCH WHT
5	HMETER	SNAP IN DIGITAL HOUR METER
6	JWW	JUMPER WIRE WHITE 12 IN
7	JWB5	JUMPER WIRE BLACK 5 IN

1750/2750 DC SWITCH PANEL ASSEMBLY

[P/N: SPADCB]

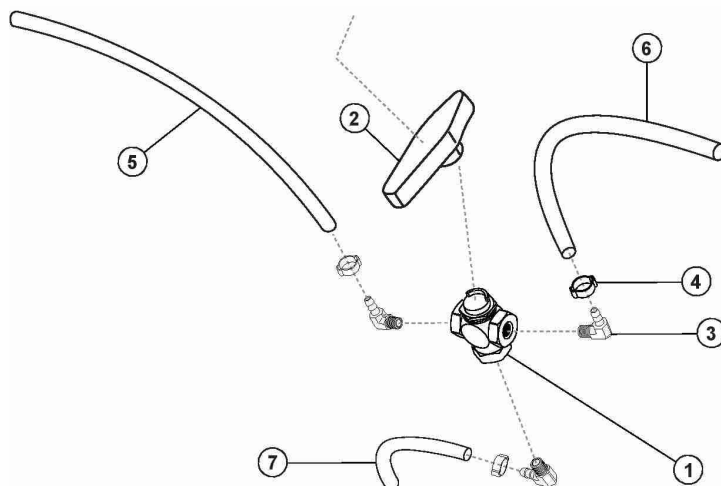


#	PART NO.	PART DESCRIPTION
1	HESB01	SWITCH - ELECTROMAGNETIC - 25.1A HEAVY DUTY
2	UBBC	UNIVERSAL BREAKER BUTTON COVER
3	20ACBB	20A CIRCUIT BREAKER BUTTON
4	10ACBB	10A CIRCUIT BREAKER BUTTON
5	HMETER	SNAP IN DIGITAL HOUR METER
6	SPDCSSBB	SWITCH PNL DUAL CHEM FOR BRKR SWITCH BATT
7	JWR5	12 GA. JUMPER WIRE RED 5 IN
8	JWB12	JUMPER WIRE BLACK 12GA 1/4F TO BARE 12 IN
9	JWR12	JUMPER WIRE RED 12GA 1/4F TO BARE 12IN

1750/2750 VALVE ASSEMBLIES

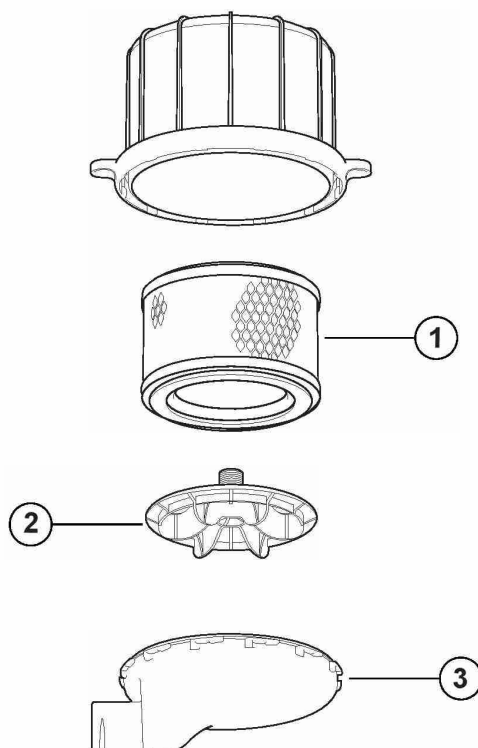
[P/N: VA3WS, VA3WBS, 430000, VA3WB27S]

#	PART NO.	PART DESCRIPTION
1	CPS50A	3 WAY BRASS VALVE WITH VITON SEAL (INCLUDES KNOB)
2	CPS50B	BLACK KNOB 3 WAY VALVE
3	CPS68	90 DEG 1/8 NPT M X 1/4 BARB
4	CPS65	1/2 IN CLAMP
5A	SPH43	SWITCH PANEL HOSE 43 IN
5B	SPH34	SWITCH PANEL HOSE 34 IN
6	SPH18	SWITCH PANEL HOSE 18 IN
7	SPH9	SWITCH PANEL HOSE 9 IN



HEPA ASSEMBLY

[P/N: HEPAHA2]

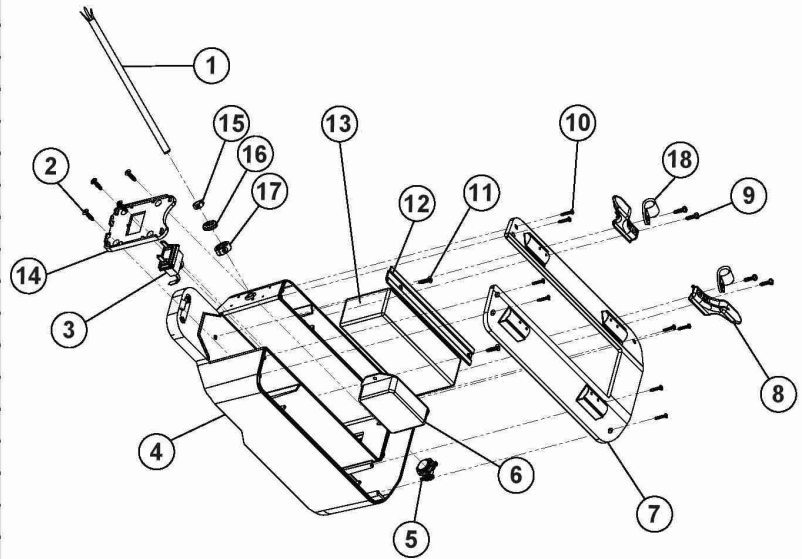


#	PART NO.	PART DESCRIPTION
1	HEPA	HEPA FILTER
2	FKEEP2	HEPA FILTER KEEPER
3	HCOVER	HEPA COVER

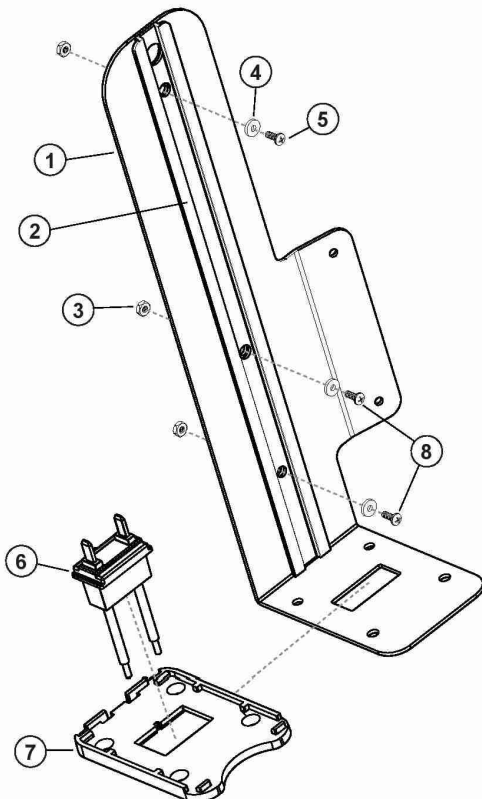
1250 DC INTERFACE ASSEMBLY

[P/N: EABT05, EABT06 (W/IOT)]

#	PART NO.	PART DESCRIPTION
1	PC3	POWER CORD
2	CSS359	10-14 X 3/4 IN PLASTITE FLAT TORX
3	BINTPLUG	BATTERY BASE PLUG
4	GP0008	BATTERY CHARGER HOUSING
5	CES12	3/8 CONDUIT CLAMP
6	HETR00*	IOT UNIT (OPTIONAL)
7	GP0009	BATTERY CHARGER HOUSING LID
8	GP0010	CORD WRAP/CLEAT
9	CSS17A	8 X 3/4 PAN HEAD PHILLIPS
10	HWS000	6 X 3/4 THREAD FORMING SCREW TORX
11	CSS359	10 X 3/4 FLAT HEAD FORMING SCREW
12	HEBT00	GUIDE RAIL FOR BATTERY
13	EACG00	36V BATTERY CHARGER
14	BINTBASE	PLUG BASE
15	HWM011	7/16 ID SHAFT COLLAR
16	HWM005	3/8 ID X 1/2 RUBBER GROMMET
17	CSS21F	SNAP GRIP HOSE CLAMP SIZE C
18	HWM010	CABLE CLAMP 3/16 BLACK



1750/2750 DC INTERFACE ASSEMBLY



[P/N: QCINT2A]

#	PART NO.	PART DESCRIPTION
1	NTCPPBRAK	NTC POWER PACK BRACKET
2	BINTRAIL	BATTERY INTERFACE GUIDE RAIL
3	CSS184	NUT - HEX - 18-8 SST
4	CSS109	WASHER - FLAT - 18-8 SST - 1/8
5	HWS001	SCREW - MACHINE - PHILLIPS - PAN - 18-8 SST
6	BINTPLUG	BATTERY INTERFACE WIRE HARNESS & PLUG
7	BINTBASE	BATTERY INTERFACE PLUG BASE
8	CSS183	SCREW - MACHINE - PHILLIPS - PAN - 18-8 SST

