

Schneiders® **INSTA-WASH** POWERED BY **ANIVAC**

Animal Bathing & Multi-Use Cleaning System

OPERATING INSTRUCTIONS

Model: ANIVAC MINI



Note: The Floor Cleaning Tool shown is optional.

***Congratulations on your purchase of the ANIVAC MINI.
This commercial grade unit has the versatility and efficiency
to be used for a multitude of cleaning applications.***

Please Read This Manual Carefully Before Operating Your New Machine.
Please Keep This Manual For Future Reference.

Table Of Contents

Table Of Contents.....	2
Suggested Uses.....	3
Important Safety Instructions.....	4
Technical Specification.....	7
Basic Set-up Instructions.....	8
Emptying the Recovery Tank.....	12
Suggested Maintenance.....	13
Basic Troubleshooting.....	15
Helpful Tips for Cleaning.....	16
Helpful Tips for Bathing Equine and Livestock.....	17
ANIVAC Bathing & Brushing Notes.....	22
Helpful Tips for Bathing Canines.....	24
Parts Diagram/List.....	27
Parts Diagram/List.....	28
Wiring.....	29

Suggested Uses

CLEANING	BATHING	APPLICATIONS
<ul style="list-style-type: none"> ● Floors- tile, epoxy, wood, smooth concrete ● Spot cleaning- carpets, area rugs, mats ● Upholstery ● Auto ● Window Screens ● Bathroom showers & toilets ● Kennels, cages, transport crates & enclosures ● Artificial Turf ● Dog Beds & platforms ● Saddle pads & horse blankets 	<ul style="list-style-type: none"> ● Horses, ponies, mules, donkeys ● Livestock (cows, pigs & sheep) ● Dogs ● Llamas 	<ul style="list-style-type: none"> ● Normal Bathing / Winter Bathing ● Pet Boarding Facility Cleaning/ Bathing ● Veterinary: Surgical prep/ post surgical cleanup ● Show Animals/ 4-H/ FFA ● Kennels/ Training Facilities ● Animal Rescue/ Disaster Prep/ Decontamination



Important Safety Instructions

Read all instructions before using this machine.

*When using a commercial grooming system, basic precautions should be followed, including the following:

To reduce risk of fire, electric shock, or injury:

- Unit MUST be plugged into a properly grounded plug, failure to do so could end up in electric shock and injury. As with all electrical appliances for further safety we recommend the use of a GFCI (Ground Fault Circuit Interrupter) outlet when possible. Note that portable GFCI plugs are available at your local hardware or electrical supply.
- Do not leave the commercial unit unattended when plugged in. Turn off the switch and unplug the electrical cord when not in use and before servicing.
- Do not allow it to be used as a toy. Close attention is necessary when used near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use damaged cord or plug. If a commercial unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center before using.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull a cord around sharp edges or corners. Do not run commercial units over cord. Keep cord away from heated surfaces.
- Do not use extension cords or outlets with inadequate current carrying capacity.
- Turn off all controls before unplugging.
- Do not handle plug with wet hands or operate unit in standing water.
- Do not put any objects into openings. Do not use with any opening blocked, keep free of dust, lint, hair, and anything that may reduce airflow.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Do not unplug by pulling on cord. To unplug, grasp the plug, NOT THE CORD.
- Empty solution tanks after every use.
- Store unit indoors in a dry area.

Always use a GFCI plug that is installed and grounded in accordance with all local codes and ordinances. If the unit should malfunction or break down, grounding provides a path of least resistance for electric current and the GFCI plug will immediately cut the power to the machine.

WARNING - Check with a qualified electrician or service person if in doubt as to whether the outlet available is properly grounded. Do not modify the plug provided with the appliance - if the plug will not fit the outlet have a proper outlet installed by a qualified electrician.

This appliance is for use on a normal 120-volt 15-amp circuit, and has a grounded plug that looks like the plug illustrated in sketch A. **NOTE:** In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.

WHEN THE MACHINE IS DELIVERED

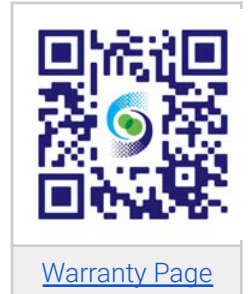
Check the carton carefully for signs of rough handling. Remove the machine from the carton. If the machine is damaged, notify the carrier immediately and request an inspection. Be sure to keep the carton, packing inserts, packing lists and carrier receipt until the inspector has verified your claim. Liability ceases when the shipment is picked up by the carrier, but our customer service staff will be glad to furnish any information needed in connection with the claim and will assist in expediting the repair of the machine when possible.

BEFORE USING THE MACHINE

Read the manual carefully and completely before attempting to operate the unit. This manual has important information for the use and safe operation of this machine. Always keep this manual handy. The unit will provide many years of satisfactory service if operated and maintained according to recommendations in the manual.

WARRANTY

To protect your investment, within 30 days go to www.ogenasolutions.com/warranty and fill in the required information.



GENERAL PRECAUTIONS

Follow these guidelines to ensure operator safety and general performance.

- Make sure the machine is plugged into a grounded 120V 15-amp electrical outlet.
- Disconnect the power cord from the outlet before attempting maintenance or repair work.
- Do not leave machine connected to an electrical outlet when unattended.
- Never pull the machine by the cord or yank the cord from the receptacle. Replace a damaged cord immediately.
- If an extension cord is necessary, use a three-conductor grounding cord – 14-gauge wire or heavier to prevent motor burnout and overheating of wires.
- To avoid electric shock, do not expose to rain. Store indoors.
- To avoid fire, do not use unit in environments where combustible liquids, vapors or dust concentrations are present.

WARNING

- Do not expose the machine to freezing temperatures.
- Do not use the machine for dry vacuuming. This machine is not fitted with a fine dust filter so dust WILL damage the motor. This kind of use will void your warranty.
- Do not use citrus-based shampoos in this machine.
- Do not use caustic cleaning chemicals in this machine (ex: bleach). The use of any chemical with abrasive additives will void the warranty.
- Do not break off or pull out the ground prong on the plug.
- Do not attempt repair on a warranted machine unless instructed to do so by a factory authorized repair center.
- Do not use any replacement parts except those specified on the parts list. Proper performance of the machine could be affected if substitutions are made.
- To prevent damaging the vacuum motor ALWAYS use a defoaming agent in the waste tank of the machine. Failing to do so will void your warranty.

Failure to comply with the above warning instructions may void your warranty.

GROUNDING INSTRUCTIONS

DANGER: Improper use of the grounding plug can result in a risk of electric shock.

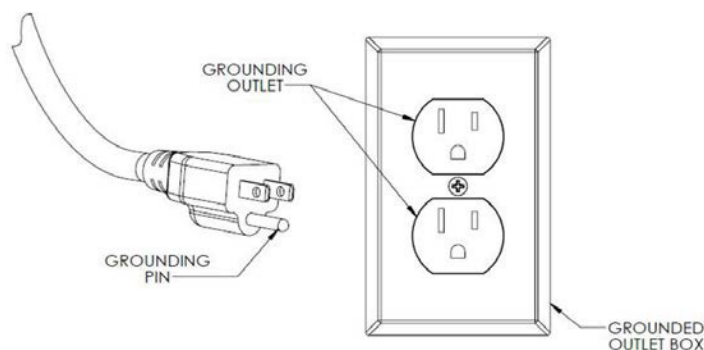
WARNING!

Improper connection of the equipment-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 appliance. Do not remove the ground pin; if missing, replace plug before use. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

GROUNDING METHODS

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk electric shock. This machine is equipped with a cord having an 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.

This appliance is for use on a nominal 120-volt circuit, and has a grounding plug that looks like the plug illustrated below.



PRESSURIZED EQUIPMENT WARNING

Unit is under high pressure when the machine is activated. If leaks are visible around coiled hose connections, replace hose immediately with part number shown in this manual. If the pump continues to run when the trigger is not depressed, turn the machine OFF, discontinue use and return to an authorized service center. Contents of solution hoses may be under pressure even after the pump is off.

FLAMMABILITY WARNING

NEVER fill the unit with flammable chemicals. Do NOT use in an area where flammable fumes are present. Flammable materials and/or reactive metals can cause an explosion or fire.

INTENDED USE



Do NOT modify this unit in any way or adapt it for any other use. **Modification of this unit in any way will void all warranties and could create safety hazards.**



Technical Specification





Model Number - Regular	C7200
Model Number - With Heater	C7300
Solution Tank	9.4 Liters (2.5 gal US)
Recovery Tank	7.5 Liters (2 gal US)
Vacuum Motor	2 Stage
Sealed Waterlift	2182 mm (85.9 in)
Solution Pump	120 V, 3.8 bar (55psi), .48 A
Immersion Heater	120 V, 12.5 A, 1500 W
Total Power Consumption	Preheat 120V, 12.5A, 1500W; Clean 12.3A, 1476 W
Hose Length	3.4 m (11 ft)
Warranty	One Year
Weight	10 kg (22lbs)






Basic Set-up Instructions

1	Carefully check carton for signs of damage. Report damages at once to carrier. The machine is shipped fully assembled and is ready for use.	
2	Connect hoses and tool to be used.	
3	<p>Fill the solution tank with 9.4 liters (2.5 gallons) diluted solution or WARM water, 40° C (105° F) maximum.</p> <p>Gently add the required amount of shampoo or cleaning chemical concentrate. Mix thoroughly and ensure that no dirt or contaminants are introduced into the clean solution tank.</p> <p>NOTE: To reduce waste, try to fill the CLEAN SOLUTION TANK with just enough solution to complete the required task. Never leave solution in tanks overnight.</p> <p>Recommended:</p> <ul style="list-style-type: none">● For CLEANING use OgenaShield Surface Cleaner and Deodorizer. It is safer, more effective, highly concentrated, environmentally friendly, sustainable and compatible with most surfaces. Use as directed per label instructions. <p>NOTE: Do Not Use Citrus Based Cleaners in unit.</p> <ul style="list-style-type: none">● For BATHING use OgenaShield Pure Oxygen HD Shampoo. It is rinse free, nontoxic, environmentally safe, fragrance free with 3-5x more cleaning power than standard shampoos yet gentle on skin and recommended by leading veterinarians. As a rinse free alternative you may also use other equine shampoos by pouring in one ounce per gallon of fresh water. <p>General Bathing (normal amount of dirt): add 3.5 ounces (100 ml) per gallon of warm water.</p> <p>Heavily Soiled: add up to 7 ounces (200ml) per gallon of water.</p> <p>For heavily soiled animals, to help conserve shampoo try bathing your animal initially with just warm water to remove most of the dirt. Then, apply our shampoo for a final cleanse. You can use a mild solution of any shampoo in the system, or consider diluting rinse-free shampoos designed for spot cleaning. However, we highly recommend our OgenaShield Pure Oxygen HD Shampoo for optimal results. From the very first use, you'll see and feel a noticeable difference.</p>	 

	<p>NOTE: If using a different brand of rinse free shampoo, you will need to experiment with the amount of shampoo needed to achieve the desired results.</p>	
4	<p>Plug machine's power cord into grounded wall outlet. FOR SAFETY: Do not operate unit unless cord is properly grounded. FOR SAFETY: Do not operate unit with the use of an extension cord.</p>	
5	<p>Secure recovery and solution tank lids in place.</p>	
6	<p>IMPORTANT! When using chemistries that contain detergents (soap) you MUST ALWAYS add defoamer to the waste tank prior to using the unit. Not doing so may result in foam getting sucked into the vacuum motor and will void the motor warranty.</p> <p>Recommended:</p> <ul style="list-style-type: none"> • Use OgenaShield Anti-foam Concentrate. It is highly concentrated so only a small amount is needed. Mix one capful of OgenaShield Anti-foam Concentrate in ½ cup of water, pour into the bottom of the empty DIRTY SOLUTION TANK - DO NOT POUR THE SOLUTION INTO THE VACUUM PIPE INSIDE THE WASTE TANK! <p>NOTE: Any commercially available defoaming agent, like those normally sold for use in carpet cleaning machines, can also be used as directed per label instructions.</p>	

<p>7</p>	<p>PRE-OPERATION AND HEATING</p> <p>Turn on immersion heater to preheat solution in tank. The switch has 3 positions. The center position is "OFF". The right side is "PREHEAT" and the left side is "CLEAN"</p> <p>Inside the solution tank is a float switch. If the solution falls below the float switch, the heater will turn off.</p>	
<p>9</p>	<p>Securely attach the male adapter on the end of the solution line to the female quick disconnect located at the back of the unit</p> <p>NOTE: There should be a definitive CLICK when connection is complete.</p> <p>Lubricating points of attachment makes it easier to connect & disconnect. See Suggested Maintenance section.</p>	
<p>10</p>	<p>Push the cuff of the vacuum hose onto the vacuum intake.</p> <p>(Note: the cuff may be either gray or black)</p>	
<p>11</p>	<p>Attach the desired accessory to the vacuum handle by aligning notches and nubs. Push accessory onto vacuum inlet on handle firmly. Attach solution line hub to solution outlet located under vacuum inlet on handle, push firmly into place and rotate to lock.</p> <p>NOTE: Use Vaseline or any silicone based lubricant to lubricate points of attachment to wands, handle, pipes, vacuum head & solution line to more easily connect & disconnect.</p>	

		
12	<p>Turn the three-way power switch to the “CLEAN” setting and wait 30 seconds for the pump to prime. Pull the valve assembly trigger until the solution begins to flow.</p>	
13	<p>Adjust suction by sliding yellow button on top of handle. This is important when bathing sensitive areas of an animal ie: around the ears, head, face and groin area.</p> <p>NOTE: Keep closed for most cleaning applications.</p>	
14	<p>Begin Cleaning - See ‘Helpful Tips for Cleaning’ section.</p> <p>WHILE OPERATING Periodically check for excessive foam buildup in the recovery tank. Use a recommended foam control solution to prevent vacuum motor damage. ATTENTION: Excessive foam buildup will not activate the float shut-off screen which will cause foam to be sucked into the vacuum motor causing long term damage and voiding your warranty.</p> <p>To clean heavily soiled areas, take multiple fast strokes as opposed to fewer slow strokes.</p> <p>Empty recovery tank every time water is added to solution tank.</p>	

Emptying the Recovery Tank

There are two ways to drain the recovery tank.

- 1) Lift the entire unit and pour the dirty solution out the fitting where the vacuum hose attaches to the machine.
- 2) Remove the recovery tank lid and pour out the dirty solution.

The solution tank can be drained by vacuuming solution from the solution tank.

Always rinse the waste/recovery tank after each use.

Before replacing the recovery tank, wipe the clean solution tank to remove any hair or debris.



Suggested Maintenance

POST USE/END OF DAY

Step 1: Flush Pump & Solution Line

- Remove the vacuum hose and dump the recovery tank by using the vacuum port.
- Turn the power switch on
- Place vacuum head in empty catch basin
- Discharge any remaining cleaning solution into basin
- Fill the empty Clean Solution Tank with 1/2 gallon of plain clean water
- Replace & secure Recover Tank and lid
- Discharge the water into the catch basin containing the leftover solution
- Turn switch to off position

Step 2: Flush Vacuum Hose Assembly (recommended weekly or minimum monthly)

- Turn switch on
- Vacuum up solution in catch basin from previous step along with air

NOTE: DO NOT COMPLETELY SUBMERGE FLOOR TOOL/ VACUUM HEAD

(The goal is to create turbulence to dislodge any dirt, hair & debris that may accumulate inside the vacuum hose and pipe by suctioning 50:50 liquid/air)

- Turn off VACUUM

Step 3: Clean FloorTool Kit Assembly, Wands & Vacuum Hose

- Disconnect Floor Tool Kit or Wand & solution line from black plastic handle
- Use clean rag soaked with disinfectant solution to clean the squeegee, brush, wheels, vacuum head & pipes and wands removing any hair present (If needed use a flat head screwdriver 'pop' the wheels out to remove any hair caught around the axels then 'pop' back into place)

NOTE: replace Floor Tool as needed if damaged or worn out

- Using a gloved finger check inside vacuum head (at the joint) for any hair or debris accumulation
- Store Floor Tool Kit assembly off floor with squeegee/brush facing outward to prevent damage to the brush & squeegee which may affect vacuuming efficiency
- Disconnect vacuum hose & solution line from ANIVAC MINI unit
- Wipe exterior of hose/line with disinfectant soaked rag
- Hang on designated hose rack or wrap around Vacuum Intake and retractable Handle after main unit has been cleaned

Step 4: Clean Main Unit

- Disconnect cord from outlet and wipe with rag as you wrap up the cord
- Wheel unit to location that has a waste drain & clean water hose
- Dump Recovery Tank
- Remove lid from the Recovery Tank
- Place Tank on ground so as to discharge while rinsing and hose down interior of Recovery Tank until water runs clear
- Dump out any remaining water
- Wipe foam gasket on the Clean Solution Tank to remove any hair or debris.
- Replace Recovery Tank onto unit & secure
- Wipe down exterior of unit & threads of Recovery Tank lid
- Store unit in designated area

NOTE: When storing unit, it is recommended to leave Recovery Drain Plug unplugged & lid to the Recovery Tank left off to allow interior of unit to dry out

WEEKLY MAINTENANCE

Step 1: Lubricate Quick Disconnect

- Spray the entire inside of the female quick disconnect fitting with a mild oil (we recommend silicone spray and not WD 40 or similar), being sure to coat the ball bearings & spin the collar
- Spray the exterior of the male quick disconnect fitting while pressing in the middle pin
- Repeatedly connect & disconnect the fittings together until male fitting 'pops out' easily when disconnected (usually 3-4 times is sufficient)

NOTE: ONLY USE A SILICONE SPRAY COMPATIBLE w/RUBBER

Step 2: Lubricate Trigger Valve

- Spray Trigger Valve located in the 'V' between yellow plastic trigger & the bottom of the handle
- Gently work trigger to disperse lubricant

Step 3: Clean & Lubricate Connections anywhere easy removal is desired (for example):

- Threads on Recovery Tank lid
- Solution line connectors
- Floor Tool Kit - metal pipe to vacuum handle or vacuum head, between pipe sections

Basic Troubleshooting

If the pump does not prime

Depress the lever on the hand tool to release the air lock.

If solution flow is reduced or spray is weak:

1. Check for low solution level in the solution tank.
2. Check the screen on the inlet hose in the solution tank for blockage.
3. Check the spray jet in the floor tool for blockage.

If suction is low:

1. Check the recovery tank to see if it is full.
2. Check for blockage in the floor tool or the hose.
3. Add defoamer to recovery tank.

Helpful Tips for Cleaning

First **Macro Clean** by removing and discarding any large pieces of debris, or gross amounts of organic material prior to wet vacuuming - DO NOT USE UNIT AS A SHOP OR DRY VACUUM.

NOTE: Under normal/daily conditions there is NO NEED TO PRE SWEEP OR DRY VACUUM. The ANIVAC MINI is capable of removing light loads of dirt/dust, pet hair and dander.

Floor Tool Kit consists of 2 pieces of pipe with a sprayer and solution line and the vacuum head. Use this accessory to clean larger areas such as sealed floors/walls (tile, epoxy, smooth concrete, rubber, FRP etc.) and artificial turf.

For optimal results, use a normal back & forth motion allowing the Floor Tool (vacuum head) to glide over the surface being cleaned. It is designed for light friction. DO NOT exert downward pressure or use excessive force. If needed, spray heavily solid surfaces and utilize a regular deck/scrub brush to dislodge material. Then clean as usual with the ANIVAC MINI

Another feature of Floor Tool Kit design is a 3 inch overspray on both sides of the Floor Tool. This allows for simultaneous pre-treatment and post treatment while active cleaning. For efficient cleaning start in the left hand corner and use an 'N' pattern to vacuum left to right and back to front or top to bottom. Keep the floor tool in front of you and the vacuum unit behind you, working backwards towards the doorway. Keep the Floor Tool parallel to the floor. Pulling the vacuum hose handle back past your hip will cause the Floor Tool not to be parallel to the floor resulting in a loss of suction.

NOTE: User can control how wet or dry to leave a surface simply by adjusting frequency and duration of pulling the trigger, opening or closing of the suction control button and number of passes over the surface with just suction.

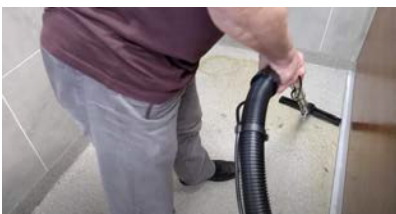
Hand Wands w/ detail brushes: use for smaller, hard to reach places that have corners, cracks, crevices or grooves including kennel doors, pet platforms/beds, pet crates, saddle pads, horse blankets, window/door tracks & screens, auto interior, upholstery, spot cleaning carpets, mats, etc.



[Floor Tool](#)



[Cleaning A Kennel](#)

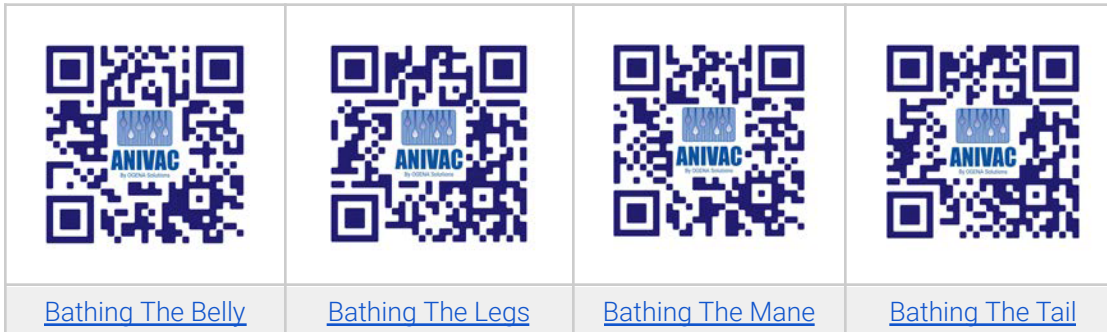


[Cleaning Turf](#)



Helpful Tips for Bathing Equine and Livestock

Scan the QR Codes for videos explaining the system and bathing process



Although the following information is geared towards horses the same process can be used on other large animal species accustomed to being bathed and groomed.

Be prepared:

Have all cleaning/grooming equipment & supplies setup and ready to go so there is no need to leave the animal once the bathing process has begun.

Noise Acclimation:

Horses normally quickly acclimate to the sound of the machine. However, if you are dealing with a skittish animal, it can be beneficial to have the machine already running when the animal is introduced to the area.

ADJUSTING THE WASH NOZZLES

The nozzle depth is adjusted by pressing in on the metal buttons that are on each side of the nozzle assembly simultaneously. Once they have been pushed in, slide the assembly to one of the 3 options depending on the length/thickness of the animal's coat. The nozzles should be adjusted so that they are just touching the skin when the vacuum wand is held flat with slight pressure against the animal's coat.



[Setting Depth of Nozzles](#)



CLEANING YOUR HORSE

For first time horses, it is best to slowly acclimate the horse to the system by doing the following:



[Acclimating
A Horse](#)

- Leave the machine turned off and then use the wand in a combing motion downward on one of the horses shoulders several times until you see the horse relax.
- Slide the suction button back to the open position. Turn on the machine, again wait for the horse to relax, and then comb the same area of the horse while pulling the solution trigger in short half second bursts. This will allow the coat to slowly get wet rather than surprise the horse with a continuous flow of cleaning solution beneath their coat and directly on their skin. Slowly, slide the suction button forward towards the closed position to increase suction.
- Continue to comb the same area until the entire area is fully cleaned.
 - Follow the above steps and the vast majority of horses will quickly acclimate to the feeling of being bathed this way, in fact they'll come to love the feeling as being akin to a back rub and a scratch at the same time! Scan the QR Code to view a short video on **Acclimating A Horse**.

NOTE: The cleaning wands are always used in the direction of the flow of the coat.

- After you have completed the steps above to acclimate the horse to the feeling of being bathed this way, continue to bathe by starting at the top of the shoulders and down along the length of the back to the start of the tail. Draw the wand along in one smooth motion and let the tool do the work.
- Look at the clear portion of the wand and if you see the dirty solution being vacuumed up, take additional passes as needed until you see that the solution is no longer dirty.
- As you progress along, perform additional passes using a slight overlap into the area just cleaned.

NOTE: Through our experience in bathing tens of thousands of animals we've learned that it's always better to take a couple (or more) fairly quick (about 1-2 seconds per foot of movement) strokes and to keep doing so until you can see that there's no longer any dirt coming into the wand. Moving a bit faster is more pleasant for the horse as it feels more like a bit of a back scratch and massage. If you move too slowly the cleaning solution may leak down the side of the animal, too quickly and you may leave the coat too wet. But not to worry, you will quickly get a feel for the proper speed and you can always go over an area without pulling the trigger to suction away any excess solution.

If the wand continues to leak off the side of the animal, then check to be sure that you have the base of the vacuum wand sitting completely flat on the coat. See below.

NOTE: the wand should always be kept parallel to the surface of the horse's skin so as to ensure that the nozzles are always in contact with the skin and the vacuum wand is sitting flat on the coat. This will ensure the proper deep cleaning of the coat and removal of dirt and excess solution.



SUGGESTED CLEANING PATTERN:

BACK: Along the back and part way down the sides moving from front to back



LEGS: Moving across the side of the horse and the top portion of legs moving from top to bottom.

NOTE: You may find it easier to clean the inside of the horse's legs by reaching under the horse's belly while you're cleaning the opposite side.



NECK: Neck moving top to bottom



UNDERSIDE: Underside moving from front to back



MANE: Clean the mane by using your free hand to gently hold the mane and then positioning the wand onto the very top of the mane (where a ton of dirt is), flushing that area out well, and then moving in a downward motion along the length of the mane.



TAIL: When cleaning the tail, gently cup the tail with one hand while placing the cleaning wand onto the top of the tail.

Pull the trigger to release the cleaning solution and draw both hands along the length of the tail at the same time.

Repeat the process while placing the wand into the sides or underside of the tail. You will need to take several passes to clean the tail effectively.



NOTE: DO NOT USE OUR BATHING WANDS INSIDE THE EARS OR IN THE PELVIC REGION. These areas should be gently cleaned using a cloth soaked in Pure Oxygen HD Shampoo Solution (*diluted as directed*).

CLEANING THE LOWER LEGS, HOOVES, FACE & FLANKS

Your Anivac system has been supplied with a 2" (50mm) wide wand that has a removable brush on the end. This brush is specially designed for use when bathing your horses' legs and face and other sensitive areas such as the flanks. (It is also an excellent tool for spot clean up of manure stains on the animals coat, more on that later).

While pulling the solution trigger, use the wand, with the brush attached, in a gentle up and down scrubbing motion on the horse's knees, lower legs and the entire exterior of the hoof. Be sure to pick the horse's hoof prior to cleaning the sole and flushing the frog.

When cleaning the horse's face (using the wand with the brush attached), the top of the ears and around the ears open the suction control slider on the top of the wand. Opening this up will reduce the amount of suction and will greatly improve your chances of success when using the system in these areas.

Should your horse not accept the use of the tool on its face we suggest the use of a small cloth soaked in our shampoo solution for use in cleaning up this area.

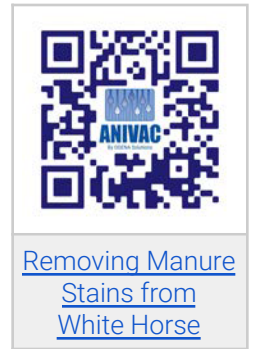


REMOVING MANURE STAINS

While nothing will remove set in manure stains from a coat that has had time to dye the hair, your ANIVAC system will do an excellent job of removing fresh stains. Manure stains are generally not deeply embedded into the coat but are sitting on the top layer of the horse's coat.

To remove them we suggest the following course of action be taken before bathing the entire horse.

1. Fill a spray bottle with our Pure Oxygen Shampoo mixed at double strength (1:20 instead of 1:40).
2. Soak down any manure or other stains and allow to sit for approximately 5 minutes.
3. After the shampoo has had a chance to loosen up the stain, use the 2" wand with the brush attached to wash and vacuum the stain up and off of the coat (keep the solution trigger pulled the entire time).



ANIVAC Bathing & Brushing Notes

LET'S TALK ABOUT DIRT!

1. The dirt that's in an animals coat acts as a binder that clings to the hair like sandpaper and makes it harder for loose hair to come out of the coat.
2. Dirt that's in a coat makes brushing:
 - More difficult.
 - More time consuming.
 - More uncomfortable.

Due to this, our recommendation is to not do any brushing at all until after the animal has been thoroughly bathed and dried. The only exception to this would be for an animal that has burrs or matts that are hard as a rock (*see more below about matts*) - these will have to be carefully cut out as a first step.

Bathing and drying the coat **BEFORE BRUSHING** loosens up the hair so that it's easier for dead hair to come loose during the brushing process.

Shampoo and the Really Dirty

1. Much like you must use more shampoo to bathe a really dirty horse/animal when bathing, bathing with the Anivac will also require the use of more shampoo.
2. If only certain areas are very dirty, our recommendation is to mix a spray bottle of the shampoo at double the normal strength (1:20 instead of 1:40), hand spray the area rubbing it in with the other hand **PRIOR** to commencing the bathing with the wand. This will give the stronger shampoo some time to break down the extra dirt that's on the animal's coat.
3. If the entire animal is extremely dirty the bather should mix the **Pure Oxygen HD Shampoo** at 1:20 in the tank of the machine, and then initially go over the entire animal with the bathing wand one time so that the entire animal is now wet down with some of the stronger bathing solution, including down deep on the skin.
4. After the initial spraying and once over with the bathing wand, proceed with the regular bathing process at the normal 1:40 dilution

Matts, Matts & More Matts (and why most can come out without scissors!)

1. As stated above the dirt that's in the matt is what's literally binding the matt together.
2. Getting the dirt out of the matt will make most matts removable by way of brushing with an undercoat rake after drying the animal.
3. To break up the mat, thoroughly drench it with shampoo that's been mixed at 1:20 by applying the spray nozzle directly onto the matt, and then spraying the strong shampoo solution into and through the matt. For larger matts this should be done in two or more spots on the matt so that the matt is entirely soaked.
4. After soaking, bathe the animal with the Anivac wand in the normal way, but for matts place the spray nozzles directly onto the matt and hold for several seconds so that when you pull the trigger the dirt is forced out of the matt and into the vacuum.



Follow these steps and after drying you will find that most matts that would normally have to be cut or shaved out will brush out with a small amount of coaxing with an undercoat rake.

Helpful Tips for Bathing Canines

NOTE: There is no need to brush the animal prior to bathing. In fact, it's better not to brush them since cleaning the coat will make it easier to brush out dead hair and remove matts. Dirt binds the hair and matts together. Getting the dirt out first makes a huge difference, especially when dealing with matts.

Noise Acclimation: Animals normally acclimate quickly to the sound of the machine. However, if you are dealing with an animal that is believed to be skittish, covering the machine with a blanket will greatly reduce the sound. In addition, it can be beneficial to have the machine already running when the animal is introduced to the area.

ADJUSTING THE WASH NOZZLES

Adjust the depth of the solution nozzles of the wand assembly to ensure they reach into the animal's coat and onto the animal's skin. You want to have the nozzles touching the skin, while at the same time the vacuum portion of the wand is sitting flat onto the top of the coat while applying some pressure.

The nozzle depth is adjusted by pressing in the two buttons that stick out the side of the nozzle assembly. When you simultaneously push them both in you will be able to slide the assembly to one of the 3 options for depth. The nozzles should be adjusted so that they are just touching the skin when the vacuum wand is held flat with slight pressure against the animal's coat.



[Setting Depth of Nozzles](#)



Position 1 - Short Hair/Coat



Position 2 - Medium Length Coat



Position 1 - Long Hair/Coat

Note: If you are dealing with an animal that is known or believed to be skittish, it may be beneficial to have the machine already running when the animal is introduced to the area.

NOTE: DO NOT USE OUR BATHING WANDS ON THE ANIMAL'S SNOUT, INSIDE THE EARS OR IN THE PELVIC REGION. These areas should be gently cleaned using a small cloth soaked in Pure Oxygen HD Shampoo Solution (*diluted as directed*).

Using the thumb lever, adjust the vacuum according to the thickness and density of the animal's coat. Animals with thinner coats require less vacuum, animals with thicker coats require more. A general rule of thumb is to adjust the vacuum so as to enable the wand to pull the majority of the water from the animal's coat - if you see you're leaving the coat wet, then increase the amount of vacuum used.



SUGGESTED CLEANING PATTERN:

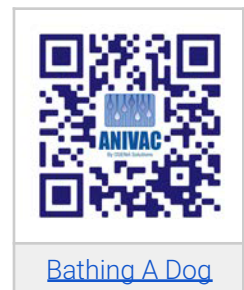
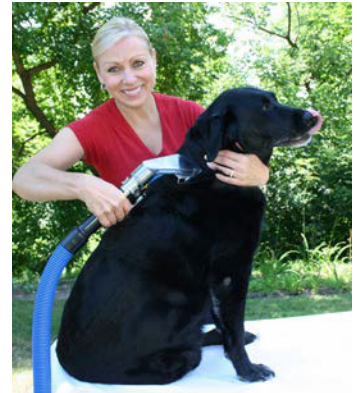
BACK: Starting at the base of the animal's neck on its back, gently place the wand assembly onto the animal's coat

Make sure that you have the vacuum part of the wand sitting flat onto the coat. The wand handle should always be parallel to the area being cleaned, and not perpendicular to the coat.

Start the flow of cleaning solution by pulling the trigger on the wand assembly, while simultaneously drawing the wand assembly in a smooth motion with the flow of the animal's coat.

Continue this process working towards the back of the animal until the back, sides and rear hindquarters are cleaned, while always following the grain of the coat.

NOTE: Through our experience in bathing tens of thousands of animals we've learned that it's always better to take a couple (or more) fairly quick (about 1-2 seconds per foot of movement) strokes and to keep doing so until you can see that there's no longer any dirt coming into the wand. Moving a bit faster is more pleasant for most animals as it feels more like a bit of a back scratch and massage.



If you have a large amount of water falling away from the animal it's normally because of one of two reasons:

1. Not holding the wand parallel to the animal's skin. If you lift the handle of the wand away from parallel you will be lifting the back portion of the vacuum wand off the skin, which reduces the ability of the wand to vacuum up the dirty solution. With a bit of practice, you will get the feel of how to hold the wand.
2. Moving too slowly. If you move the wand too slowly the solution will leak out of the coat before the vacuum wand has a chance to catch up to the solution and pick it up, a smooth steady stroke is best.

NECK, FRONT, EARS, HEAD: Then proceed to bathe the animal's neck, front of body, ears and top of head.

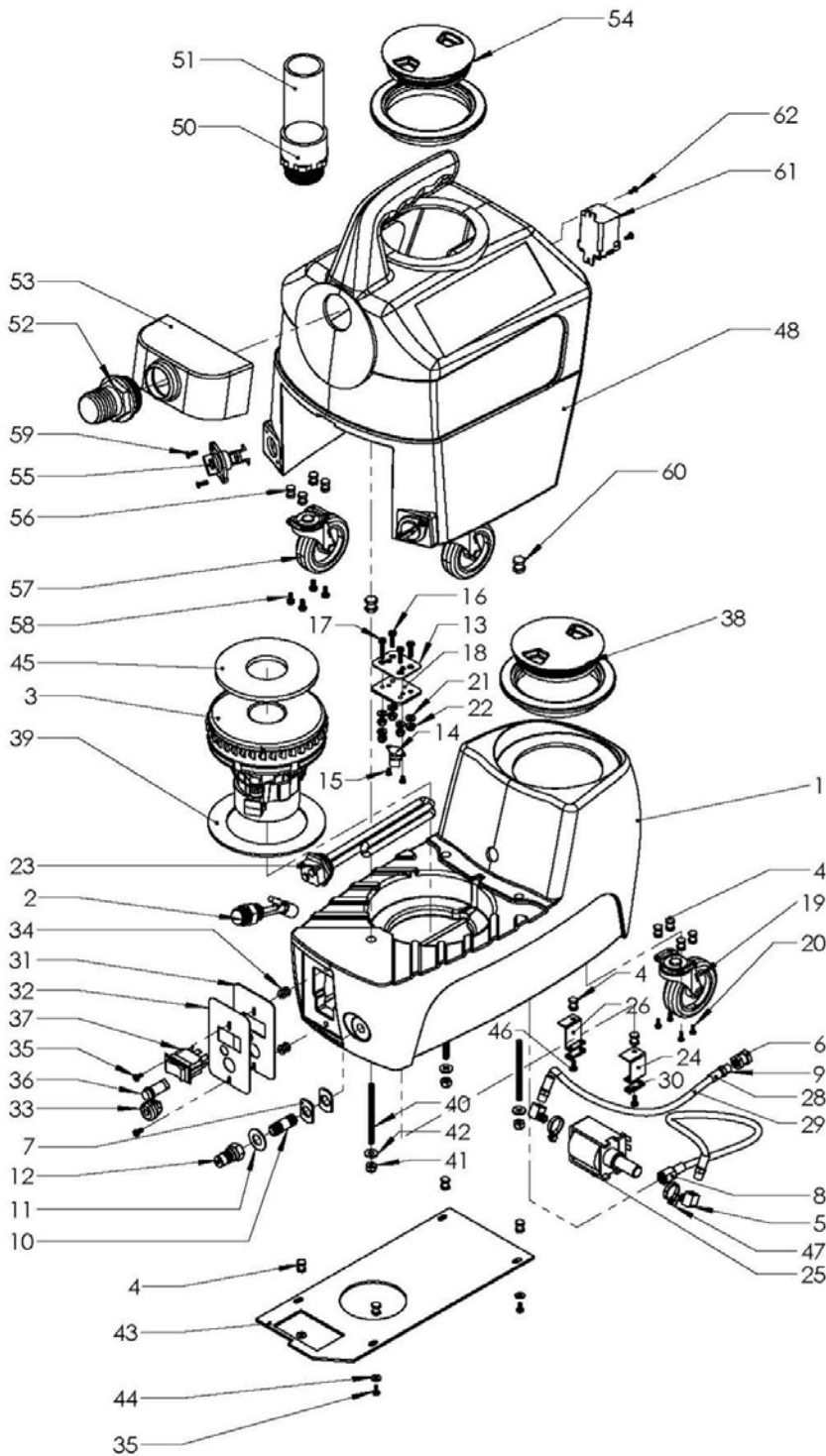


TAIL & LEGS: Clean the tail and legs by cupping the tail or leg into one hand while drawing the small cleaning wand along with the other hand.



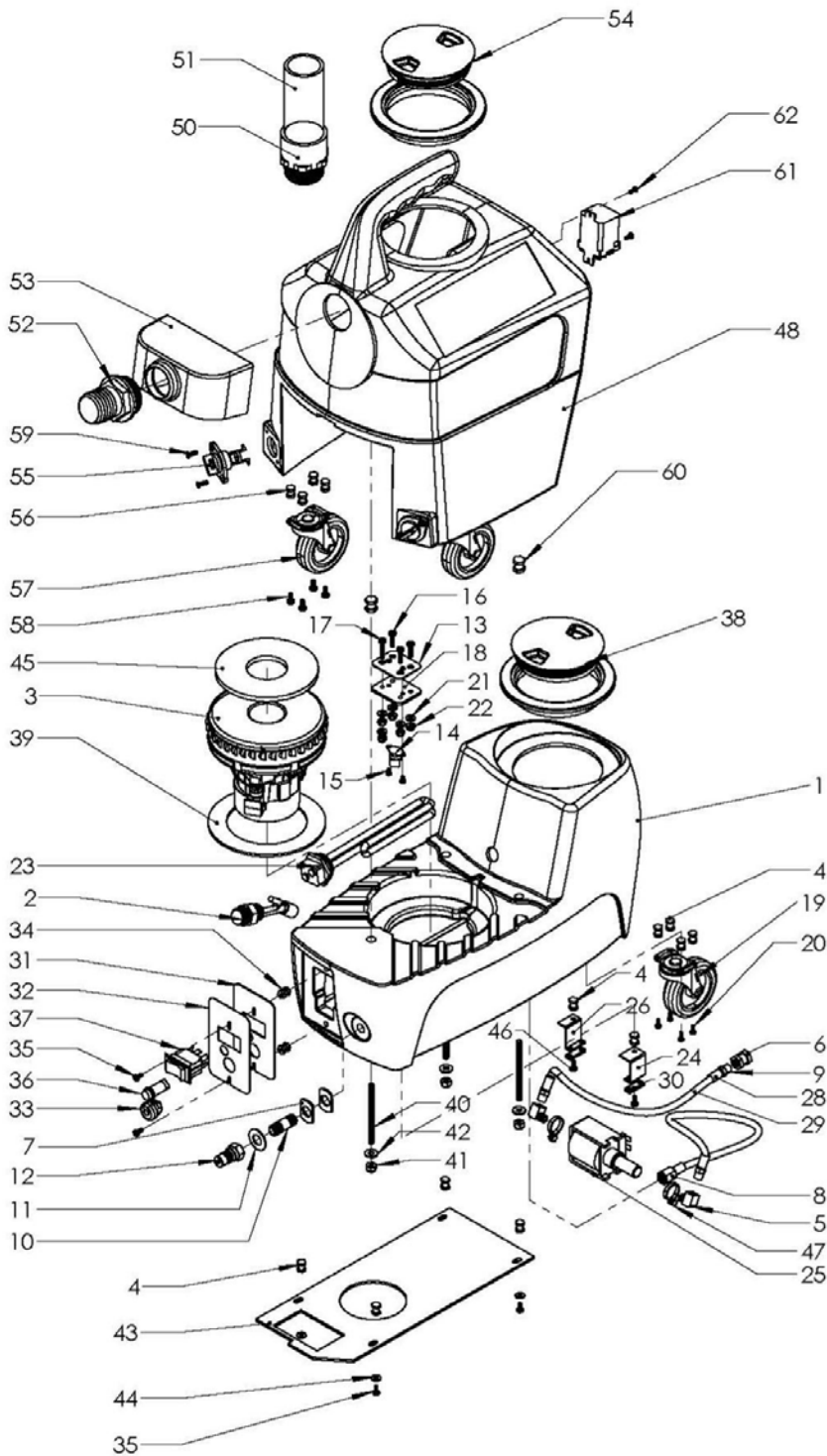
Be careful to ensure that the recovery/waste tank is not allowed to fill completely up as there is a possibility of allowing dirty waste water to be pulled through the vacuum motor. To prevent this, always dump the waste tank after each use, never leave dirty solution in the tank.

Parts Diagram/List



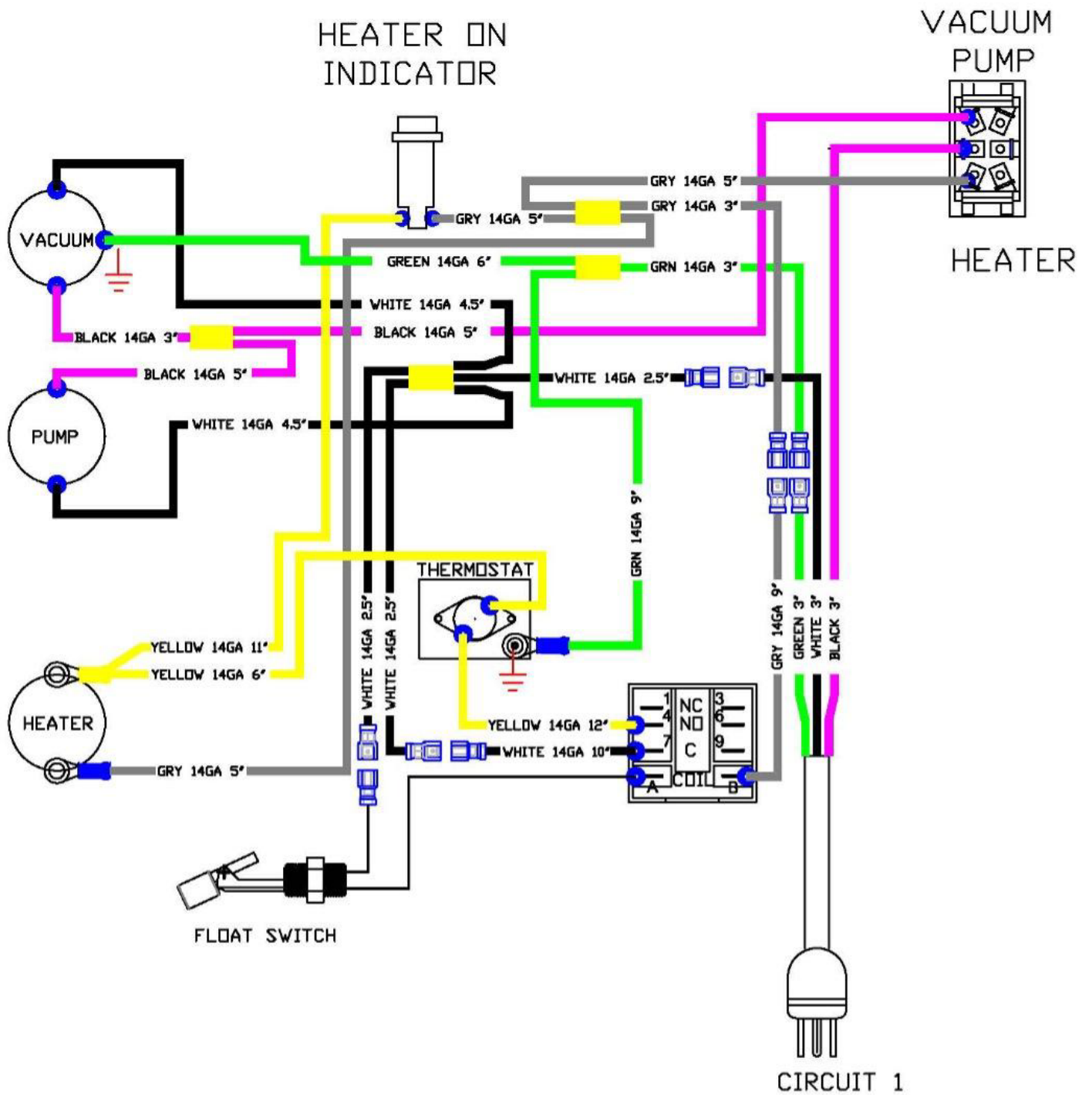
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	J-552GRY	TANK, SOL MAXX SPOTR GRY	1
2	K-18.6	LEVEL SWITCH, FLOAT PLASTIC	1
3	L-002.5	BLWR,THR-FLOW 1-STG 120V 5.7IN	1
4	B-18.7	INSERT,8-32X.50 HEX BLIND	10
5	D-16	90 ST ELBOW 1/8 NPT	2
6	B-36.045	INSERT,1/4 FPTx.75 HEX BRASS THRU	1
7	M-72	SPACER, QUICK CONNECT	2
8	D-31.5	BARB 1/8HOSE X 1/4 NPFT FEMALE	1
9	D-31.1	HOSE BARB 1/8 x 1/8 NPT	3
10	D-43.5	NIPPLE,1/4 NPTx1 1/2 SS	1
11	M-0295	WASHER, 1.125OD X .562ID	1
12	F-09	Q/C 1/4" PLUG BR SHUT OFF	1
13	M-0792.36	PLATE,THERMOSTAT MAXX	1
14	K-25.825	THERMOSTAT, 180 SPST	1
15	B-09	6-32 X 1/4 PHXSS	2
16	B-24	10-32 X 3/4 PHXSS	3
17	B-25	10-32 X 1 PHXSS	1
18	C-07.62	GASKET,THERMOSTAT SEAL MAXX	1
19	C-02.05	CASTER, 3" SPOTTER	1
20	B-09.07	6-32 X 3/8 PHXZINC	4
21	B-29.1	WASHER,#10 SS	5
22	B-28.03	NUT, 10-32 NYLOK ZINK	5
23	K-13.097	HEATER,IMMER 1500/ 120	1
24	M-0792.37	BRACKET, PUMP MNT MAXX "U" SHAPE	1
25	L-16	PUMP, SOLENOID FLOJET 120V	1
26	M-0792.38	BRACKET, PUMP MNT MAXX "Z" SHAPE	1
27	E-02.6_20MAXX	HOSE, 1/8"ID X .315"OD TYGON X 20"	1
28	D-26.07	FERRULE, .380 DIA X .718	4
29	E-02.6_12MAXX	HOSE, 1/8"ID X .315"OD TYGON 12"	1
30	C-18.55	DAMPENER, VIB.35 X 1.024 X .125 MAX	2
31	M-0260.4	PANEL, SWITCH BACKER MAXX	1
32	N-30.452	PANEL, SWITCH MAXX	1

Parts Diagram/List



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
33	K-16.91	BUSHING, STRAIN RELIEF 3/4" OD	1
34	B-18.65	INSERT, 8-32X.375 HEX BLIND	2
35	B-16.2	8-32 X 3/8 PHXSS	6
36	K-13.3	LIGHT, RED ROUND	1
37	K-21.7W	SWITCH, DPDT WATER RESIS	1
38	C-43	LID & RING ASM 4" BLACK	1
39	C-06.25	GASKET, BLOWER BASE 1/8" MAXX	1
40	B-33.395	1/4-20 X 3 1/2 ALL THREAD	3
41	B-36.01	NUT 1/4-20 NYLOK ZINK	3
42	B-38.5	WASHER, 1/4 FLAT CP SAE	3
43	M-23.1	PLATE BASE, MAXX	1
44	B-16.7	WASHER, #8 FLAT ZINC	4
45	C-06	GASKET, BLOWER/ARLON 1/4"	1
46	B-17.1	8/32 X 7/16 PHXSS	2
47	K-28	TIE, WIRE, LONG	2
48	J-551RED	TANK, VAC MAXX SPOTR RED	1
49	SC-04.95_5	ADAPTER, 1 1/2MPT W/5"ABS	1
50	C-04.95	COUPLING, 1 1/2FMLSLIP X 1 1/2MPT	1
51	SR-28.4_5	TUBE, ABS 1 1/2 X 5"	1
52	C-35.5	HOSE BARB, 1 1/2XMPT W/FLA	1
53	J-46.75BLK	DEFLECTOR, VAC INLET SPOTTER	1
54	C-43	LID & RING ASM 4" BLACK	1
55	C-04.98	DRAIN, 1" PLASTIC	2
56	B-28.17	INSERT, 10-32X.50 HEX BLND	8
57	C-02.05	CASTER, 3" SPOTTER	2
58	B-22	10-32 X 7/16 PHXSS	8
59	B-17.25	8-32 X 1/2 FHXSS	4
60	B-36.06	INSERT, 1/4-20x.625 HEX BND	3
61	K-16.75REV1	RELAY, 120V EDGE DPDT 25AMP	1
62	B-09.1	6-32 X 3/8 PHXSS	2

Wiring



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