

Clean Pet Vac



Service Manual 1.0

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Limited Warranty

GinSan Pet Wash may be eligible for repair or replacement if the claim is deemed to be due to a failure in either material or workmanship within one year of purchase. The replacement of defective products is made at the discretion of GinSan, and is based on the results of an analysis of the returned products by our warranty administrator. Products submitted for Limited Warranty consideration will be inspected by our Warranty/Repair Dept. Replacement will be based upon GinSan uniform limited warranty procedure and/or the result of the Technical evaluation. Charges for damages and/or labor costs cannot be accepted by GinSan. We believe our products should provide good service under proper operating conditions, and this attitude will be reflected in our consideration of items returned for examination.

The GinSan Limited Warranty Program does not constitute, in any way, a product guarantee, and GinSan does not hereby assume any obligations of any kind whatsoever beyond repairing or sending a free replacement of the product when covered by the Limited Warranty.

There are no warranties, expressed or implied (including any warranty of merchantability or fitness), which extend beyond this Limited Warranty. The loss of use of the product, loss of time, inconvenience, commercial loss, incidental or consequential damages is not covered. The manufacturer reserves the right to change the design of the product without assuming any obligation to modify any product previously manufactured or to replace warranted product other than with redesigned product.

This Limited Warranty gives you special legal rights. You may also have other rights from state to state. Some states do not allow limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above limitation(s) or exclusion(s) may not apply to you.

To be eligible for Limited Warranty consideration, contact GinSan Customer Service at 800-446-7267. Upon issuance of a RETURNED MATERIAL AUTHORIZATION (RMA) NUMBER, return the failed product, freight prepaid to GinSan, 3611 3 Mile Rd. NW, Grand Rapids, Michigan 49534 to the attention of the Warranty/Repair Dept.

Any product covered under the terms of the respective Limited Warranty will be repaired or replaced with another like product at the discretion of GinSan and will be sent directly to the original consumer/purchaser only.

The consumer/ purchaser may request a written report on any product submitted for warranty evaluation that is not covered under the respective Limited Warranty.



Safety Instructions

SAVE THESE INSTRUCTIONS! IMPORTANT!

Please read all the warnings & suggestions, along with the safety, installation, set-up, operation and maintenance instructions before you install and operate this vacuum system.

WARNING:

To reduce the risk of fire, electrical shock, or injury, install and operate this system only as described in this manual. Use only manufacture's options, attachments, and replacement parts. Do not put any objects into the openings. Do not operate if any opening is blocked or restricted. Keep hoses, intake tubes, and filters free of dust, dirt, hair, lint, or anything else that may reduce air flow. Keep hair, jewelry, loose clothing, and body parts away from openings and moving parts. Do not pick up anything that is burning or smoking such as cigarettes, matches, or hot ashes. Do not pick up any flammable or combustible liquids or use in an area where such liquids or fumes are present.

NOTICE:

This equipment must be installed in full compliance with all applicable local, regional, state, and national electrical and building codes, standards and rules

DANGER:

This system is designed to work with such equipment that incorporates parts such as switches, motors, or the like that tend to produce arcs or sparks which can ignite flammable liquids and fumes. If such equipment is located nearby, check all codes and regulations regarding the installation of non-explosion proof electrical devices in and around flammable liquids and fumes.



Unpacking Unit

Upon opening the containers, take a moment to inspect the shipping cartons for any damage that may have been inflicted during transportation. If any damage is present, stop and take pictures of the carton and contact the shipping company or your distributor immediately. If no damage is present, or you have reported possible damage, then carefully remove all components and packaging material from the carton. Again, inspect all components for possible shipping damage. If any of the components are damaged, return everything to the carton and contact the shipping company and/or your distributor and make a Damaged Freight Claim. If none of the items are damaged and all components are removed from the carton, use the checklist below to make sure you have received everything:

- Separator tank with Intake tubes (Quantity 1)
- 1 1/4" X 25' Vacuum Hose (Quantity 1)
- 1 1/4" Swivel Hose Cuffs (Quantity 3)
- Rubber Grooming Brush/Tool with Adapter (Quantity 1)
- Separator Tank Dolly (Quantity 1)
- Wall Mountable Wet/Dry Vacuum Unit (Quantity 1)
- Strainer Basket (Quantity 1)
- Relay Activated/Controlled 120 VAC Remote Mount Outlet Assembly with 6' cord (Quantity 1)

Verify that you have all the listed components. If you are missing any of the listed parts, please contact your Clean Pet Vac Distributor or call GinSan at 616-791-8100 for further assistance.

PLEASE NOTE: *GinSan is not responsible for any damage that is caused during the shipment of the Clean Pet Vac system. All shipments are sent FOB GinSan and are insured per customer's instructions. GinSan is not responsible for any freight damage and it is the receiver's responsibility to file the appropriate claims with the shipping company or their distributor.*



Technical Specifications

SEPARATION TANK:

- 15 gallon steel tank with lever latch ring
- Removable lid with Intake/Output tubes
- Tank Dolly with caster wheels
- Two steel handles

VACUUM HOSE:

- 1 1/4" X 25" high flex vinyl
- Crush resistant construction

GROOMING TOOL:

- Pliable rubber construction with attached soft bristle brush
- Swivel attachment cuff so tool spins on hose

REMOTE OUTLET CONTROL:

- Remote mountable outlet with 6' cord
- Outlet controlled via 24 VAC relay
- Allows remote activation of vacuum unit

HAIR/WATER STRAINING BASKET:

- Perforated metal construction
- Built in handle for easy removal from tank
- Catches the hair and allows water to collect in bottom of tank

WALL MOUNTABLE VACUUM UNIT:

- 4.5 HP Wet/Dry vacuum with 5 gallon tank



Electrical Requirements

SEPARATION TANK:

The separation tank itself requires no electrical service

REMOTE MOUNT OUTLET:

The controllable remote mount outlet will require a 120 VAC, 15 amp, grounded outlet. It is required that the outlet be of the GFI variety or that it be hooked to a GFI style circuit breaker.

The controllable remote outlet must be also be supplied with a switchable 24 VAC circuit for activation purposes.

PORTABLE WET/DRY VACUUM:

The portable vacuum unit will be powered and controlled through the remote outlet (described above). The vacuum unit is rated for 8 amps at 120 VAC.

If you choose not to use the vacuum that is included in this system, it is highly recommended that any substitute vacuum be of the wet/dry variety, be UL / ETL certified and meet all required electrical and safety codes.

PLEASE NOTE: *It is highly recommended that only a certified or licensed electrician perform any required wiring for this vacuum system. You must conform to all local electrical codes and laws that may apply to the installation and operation of this system. It is the owner / operator's responsibility to check all local codes and laws regarding the installation and operation of this vacuum system.*



Site Preparation

GENERAL SYSTEM LOCATION

The system, consisting of the separation tank and the vacuum unit, should be located away from grooming area, preferably in backroom or enclosed storage area. Remember most pets do not like the sound of an operating vacuum and may become startled or agitated when the vacuum unit is activated. So isolating the vacuum and the separation tank can greatly reduce or eliminate the sound of the system all together. Check all local and state building and electrical codes that may affect or apply to the installation of this system.

SEPARATION TANK

The separation tank should be located in a ventilated and easily accessible area no more than 15 feet away from the grooming area. It is recommended that the location have a concrete floor with a floor drain in close proximity to the tank.

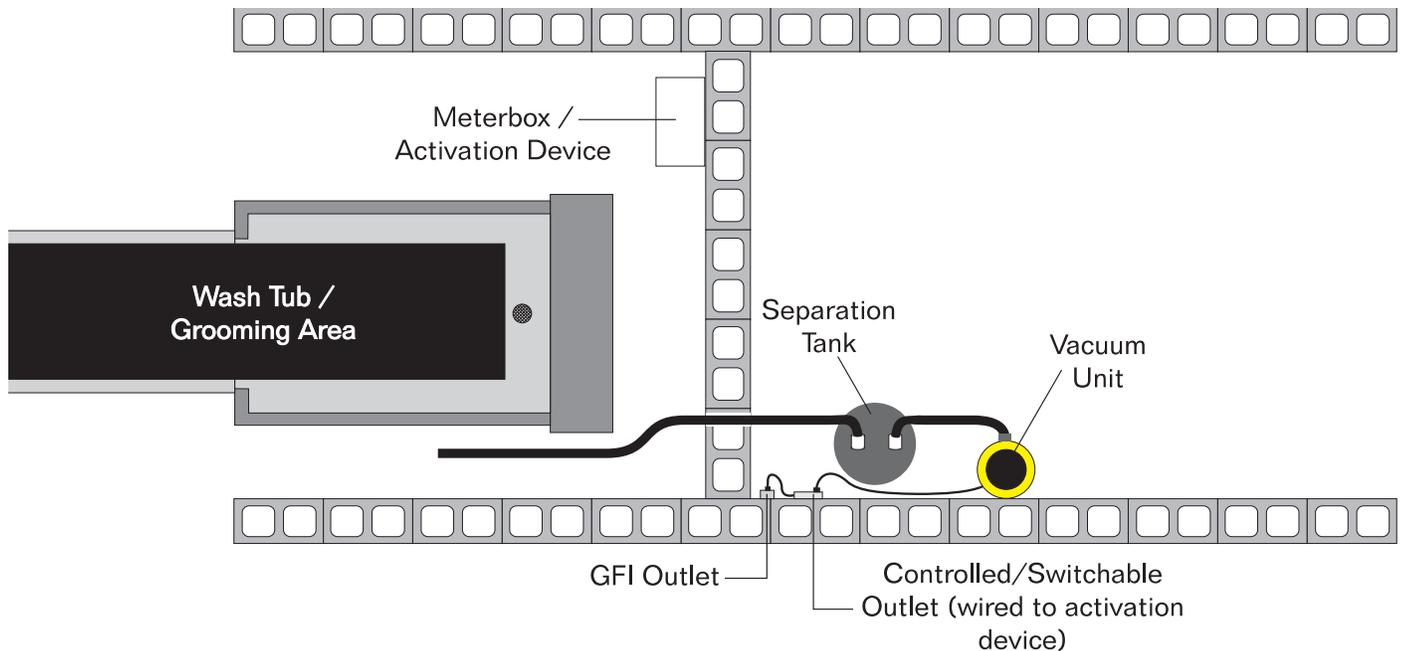
PORTABLE WET/DRY VACUUM UNIT

It is HIGHLY recommended that the vacuum unit be located in a separate area away from the grooming area. The area must be within 10 feet of the separation tank, The area must have required electrical service within 15 feet of vacuum unit. Check all local and state codes that may affect or apply to the installation and operation of the vacuum unit.



Installation

TYPICAL INSTALLATION



The above illustration shows a typical clean pet vac system installation. As you can see, the separation tank and the vacuum unit are located in an "equipment room" away from the wash tub/grooming area.

1. Attach the vacuum in accordance to the vacuum's installation and operation manual.
2. Once the vacuum is mounted, locate the separator tank within 10' of the vacuum.
3. Next mount the relay-controlled outlet within 10' of the vacuum and within 6' of a 15 amp GFI dedicated outlet.
4. If routing the vacuum hose through a wall, you must drill a 1 1/2" hole in the wall to accommodate it.

PLEASE NOTE: It is highly recommended that the vacuum and separation tank be located in a room other than the pet wash tub area. This will ensure that no animals are startled or scared by the sound of the vacuum during operation.



Final Installation

1. Attach the vacuum's hose to the vacuum tank and then the hose to the separator tank.
2. Cut the hose to the needed length and attach one of the 1 1/4" swivel cuffs to one end of the vacuum hose.
3. Attach the hose cuff to the input tube labeled "Hose from vacuum".
4. Attach another 1 1/4" swivel cuff to one end of the 1 1/4" X 25' vacuum hose.
5. Attach the cuff to the input tube labeled "Hose from wash bay".
6. Route the hose from the separator tank to the hole drilled though the wall that leads to the washtub area (must be within 14' of the tank).
7. Run the vacuum hose through the wall and cut to desired length (if needed).
8. Attach the final swivel cuff to the end of the vacuum hose.
9. Attach the grooming tool to the hose cuff.
10. Attach the 24 VAC activation wire to one of the terminals on the relay controlled outlet.
11. Attach a 24 VAC common wire to the other terminal on the relay controlled outlet box.
12. Plug the vacuum into the relay controlled outlet box.
13. Plug the relay controlled outlet box into the GFI outlet.
14. Turn the switch on the vacuum unit into the "on" position.
15. Install the strainer basket into the separator tank and install the tank lid's latching ring.



Testing & Operation

INITIAL TESTING

Make sure all the hoses are attached, all cords are plugged into their appropriate outlets, and the vacuum switch is in the “ON” position.

Start the pet wash system in the washtub area and select the “Clean Pet Vac” option

Listen for the vacuum to turn on and check for suction at the grooming tool.

With the vacuum running, check for air leaks at all hose connections and along the separator tank’s lid seal.

Select a different option in the washtub area, or deactivate the system, and make sure the vacuum shuts off automatically.

GENERAL OPERATION

The Clean Pet Vac system is designed to remove loose hair and excess water from your pet’s coat after washing. The system alone may not remove all the water from your pet. You may still need to use a dryer to completely dry your pet’s coat. Selecting the “Clean Pet Vac” option on your control panel activates the system. Once activated, use the following steps as a guide for proper use of the system:

1. Hold the grooming tool around hose cuff area.
2. Gently run the grooming tool, from front to back, across animal’s coat.
3. Start along the animal’s back and work your way downward.
4. Be extremely careful not to get the grooming tool too close the animal’s ears, eyes, or nose.
5. Once completed, return the hose to its proper location.

These instructions are merely guidelines for the system’s operation. Through everyday use, your grooming techniques and results may vary.



Maintenance

DAILY MAINTENANCE

It is recommended that all of the following maintenance procedures be performed on a daily basis. The performance of the system is greatly affected by how well, and how often, it is cleaned and maintained.

1. Remove the strainer basket from the separator tank and empty/clean it.
2. Drain/empty the water from the separator tank.
3. Inspect and clean the filter in the wall mounted wet/dry vacuum unit.
4. Empty any water that may have made it into the wet/dry vacuum unit.
5. Inspect all vacuum hoses for kinks, breaks, leaks, or clogs.
6. Inspect all vacuum hose connections for proper fit.
7. Inspect the grooming tool for possible damage or wear.
8. Inspect all electrical (cords/plugs) for proper connections.
9. Activate system and check for proper operation.
10. Follow any and all recommended maintenance procedures spelled out in the manual that came with the wet/dry vacuum.

Failure to perform the above listed maintenance procedures on a daily basis may cause the loss of performance, or operation, of the Clean Pet Vac system.

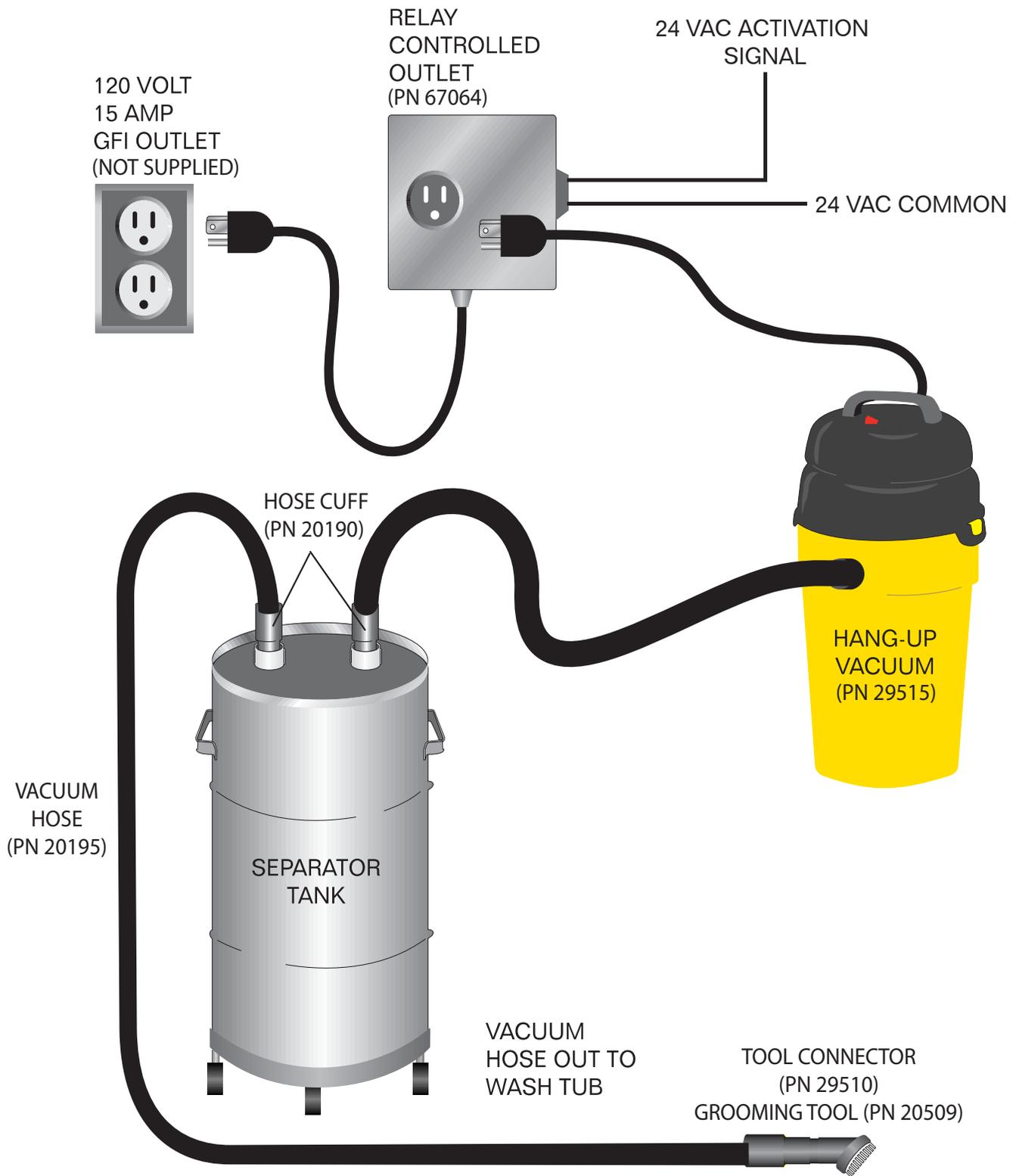


Trouble Shooting

Use the following guide to help trouble shoot any possible problems with the Clean Pet Vac system. If you can't solve your problem after using the guide, please call GinSan at 800-446-7267 for further technical assistance.

PROBLEM	POSSIBLE CAUSE
System will not activate	<ol style="list-style-type: none">1. Loss of power at main GFI outlet. Check outlet and main circuit.2. Loose plug/cord. Check both vacuum and relay outlet box to make sure they are plugged in to their respected outlets.3. Switch on vacuum is turned "OFF". Make sure the switch is in the on "ON" position.4. Pet Wash control box is not working correctly. Check controls for proper operation.5. Bad connection of control wires at relay controlled outlet. Make sure connections are tight and that there is 24 VAC at terminals when the system is activated.6. Defective relay in controlled outlet. Activate Clean Pet Vac system and check for 120 VAC at relay controlled outlet
Poor or loss of suction at grooming tool	<ol style="list-style-type: none">1. Separator tank is full. Empty (drain) and clean separator tank.2. Clogged vacuum hose. Check both vacuum hoses and all vacuum hose connections for clogs or blockage.3. Loose hose cuffs or vacuum hose connections. Check all cuff and connections and make sure they are tight.4. Clogged or dirty vacuum filter. Clean vacuum filter and vacuum tank.5. Damaged or kinked vacuum hose. Check both vacuum hoses for damage.6. Vacuum leak at separator tank lid. Make sure lid is pushed down into position and clamping ring is tight and latched. Also check lid seal for damage.7. Vacuum leak at intake tubes on separator tank. Check to make sure intake tube assemblies are tight and not damaged. Also check intake tube's o-ring seals for damage.

Technical Sheet



Replacement Parts

The following is a list of replacement parts for the Clean Pet Vac system

Description	Part Number
Separation tank	40578
Separation tank dolly complete	29516
Strainer basket complete	29513
Wall mountable wet/dry complete	29515
Decal Kit	21825
Relay Controlled Outlet	67064
1 1/4" swivel hose cuff	20190
1 1/4" x 25' vacuum hose	20195
Grooming Tool	29509
1 1/4" plastic tool/cuff connector	29510
Separator tank handle	29511
Basket Support	29514
Separator tank lid gasket	29512
<i>Drain Assembly:</i>	
Ball valve	24007
Brass adapter	24007
1/2" flat stainless steel washer	51065
1/2" flat rubber washer	51448
<i>Intake Tube Assembly:</i>	
1 1/4" plastic cuff adapter	29510
Male intake adapter	25504
Female intake adapter	25513
O-ring seal	51452
7 1/2" Tube extension	25787

For specific replacement parts for the wall mountable wet/dry vacuum, please refer to the manual that came packaged with that unit.

It is highly recommended that you use only the above factory authorized and approved replacement parts for your Clean Pet Vac system. Use of non-factory or unapproved replacement parts and/or accessories may void your system's warranty and will affect the proper operation and performance of the system.



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