

New Equipment Warranty

Limited Warranty

Sandia Products warrants new equipment against defects in material and workmanship under normal use and service to the original purchaser. Any statutory implied warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty. Sandia Products will not be liable for any other damages, including but not limited to indirect or special consequential damages arising out of or in connection with the furnishing, performance, use or inability to use the machine. This remedy shall be the exclusive remedy of the purchaser. The warranty period is subject to the conditions stated below.

Lifetime Warranty on Body, 2-Years on Vacuum Motor, 1-Year on Pump and all Electrical Parts, 90-Days on Tools and Accessories

Sandia Products warrants the roto-molded body to be free from defects in material and workmanship, under normal use and service for a lifetime. Sandia Products warrants the motor and to be free from defects in material and workmanship, under normal use and service for two (2) years from the original date of sale and the pump/electrical parts one (1) year. Parts replaced or repaired under this warranty are warranted for the remainder of the original warranty period. Service labor charges are covered for one (1) year from the date of purchase, when performed by a manufacturer-authorized service provider.

Labor is only provided by authorized service centers. If an authorized service center is not near you, it is the purchaser's responsibility to take their machine to an authorized service center.

Normal wear items such as capacitors, cords, finishes or switches will be warranted for manufacturing defects for ninety (90) days from the purchase date.

All warranties of motors and associated components will be voided: if the machine is serviced by anyone other than an authorized service provider; if the machine is mechanically modified; if the machine is operated when not operating properly; or if the machine is misused or abused.

The warranty starts on the purchase date by the original purchaser from Sandia Products subject to proof of purchase. The Machine Registration Card must be completed and returned immediately at the time of purchase. Registration may also be performed online at: www.sandioplastics.com/registration.aspx. If proof of purchase cannot be identified, the warranty start date is ninety (90) days after the inventory stocking date at the distributor's warehouse.



Ultimate Solutions Corporate Office
15571 Container Lane, Huntington Beach, CA 92649
Phone: 800-983-5834 | Fax: 714-901-8404
www.us-group.com | www.sandioplastics.com

Make a copy of this card for future reference.

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SAFETY, OPERATION AND MAINTENANCE MANUAL WITH PARTS LIST

Please read before use!

2-STAGE MOTOR, 1725 RPM PUMP, 40.0 GPM



REGISTER
YOUR
MACHINE
ONLINE!

Model No. 80-6001



Manufactured with
Pride in the U.S.A.



ULTIMATE
SOLUTIONS
Together We're Better!

IMPORTANT INFORMATION AND SAFETY INSTRUCTIONS

Register your Machine Online or Return your Machine Warranty Card!

Serial No: _____

Another Innovative
Product from

Sandia
PRODUCTS

Your Ultimate Choice in
Profitable Cleaning Performance!

SNIPER FLOOD PUMPER
24-Gallon Portable Flood Pumper



Dear Valued Client,

Congratulations on the purchase of your 24-Gallon Flood Pumper! The world of carpet and floor cleaning is becoming more high-tech and competitive and we strive to provide you with the most innovative products. Our Flood Pumper is yet another example of this, bringing a new dimension to flood restoration and cleaning with its cutting-edge features, quality and value.

Please review this manual paying careful attention to the Safety Instructions section. Keep in mind that any unnecessary damage, neglect or abuse of this machine will void your warranty. You can be confident that simple maintenance will ensure that your Flood Pumper provides quality performance for many years to come.

If warranty questions arise, please consult your manual or contact your distributor. Should you have any questions regarding maintenance, replacing parts or ordering parts, please call an authorized distributor.

Before you begin using your flood pumper, thoroughly review the Owner's Manual. Again, congratulations on the purchase of your 24-Gallon Flood Pumper!

Questions or Comments?

Phone: 714-901-8400
Toll Free: 800-983-5834
Fax: 714-901-8404



Ultimate Solutions Corporate Offices:
15571 Container Lane, Huntington Beach, CA 92649

Visit our website at: www.sandioplastics.com
Register your machine online at: www.sandioplastics.com/registration.aspx



WARRANTY REGISTRATION

Please take a moment to register your machine. Fill out the information below and mail back to Sandia Products immediately.

The warranty starts on the purchase date by the original purchaser subject to proof of purchase. This Machine Registration Card must be completed and returned immediately at the time of purchase. If proof of purchase cannot be identified, the warranty start date is ninety (90) days after the inventory stocking date at the distributor's warehouse.

Your machine may also be registered online at:
www.sandioplastics.com/registration.aspx

Machine Model _____ **Purchase Date** _____

Motor Type _____ **Serial No.** _____

Place of Purchase _____

Shipped To _____

Your Name _____ **Phone** _____

E-mail _____ **Fax** _____

Address Line 1 _____

Address Line 2 _____

City _____ **State** _____ **Zip** _____

Comments:

Mail to:
Ultimate Solutions Corporate Offices
15571 Container Lane
Huntington Beach, CA 92649

**See reverse side for Warranty Information.
Make a copy of this card for future reference.**

24-GALLON SNIPER FLOOD PUMPER

By Ultimate Solutions | Sandia Products

Please fill out the following information:

Model No: _____

Serial No: _____

Distributor Name: _____

Distributor Phone No: _____

Date of Purchase: _____



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Returned Material Authorization (RMA) Procedure

Original purchaser (distributor/service center) must contact the manufacturer to follow correct RMA/warranty procedures. Must include a copy of RMA Sheet enclosed in the box with returned item. No returns shall be authorized unless proper RMA procedures are followed. It is the responsibility of the distributor to repair the client's equipment as soon as possible. Labor is only provided by authorized service centers. If an authorized service center is not near you, it is the purchaser's responsibility to take their machine to an authorized service center.

Client must contact the distributor prior to working on or changing out any parts, etc. Manufacturer must issue an RMA Sheet containing approved labor time and replacement parts. Do not send parts or equipment back to manufacturer without an RMA number and approval. No labor will be paid for, nor part costs paid for or reimbursed that have not been previously approved by the manufacturer. All warranty work must be approved and authorized to qualify and appropriate warranty procedures must be followed.

New Equipment Warranty

Lifetime on body, 2-years on vacuum motor, 1-year on pump and all electrical components, 90-days on tools and accessories.

Warranty Policy

All equipment is inspected and tested before shipping from the manufacturer. All parts are warranted to be new and free from defects in workmanship and material, under normal use to the original retail purchaser. This warranty limits manufacturer's liability for defects in workmanship or materials for replacement of defective parts only. The manufacturer accepts no liability for incidental or consequential damages arisen from the use of any equipment, defective or not. This warranty is in lieu of all expressed or implied warranties and is extended only to the original retail purchaser. Manufacturer sales and service representatives are not authorized to waive or alter the terms of this warranty, or to increase the obligations of the manufacturer under the warranty. Parts replaced or repaired under this warranty are warranted for the remainder of the original warranty period.

Labor is only provided by authorized service centers. If an authorized service center is not near you, it is the purchaser's responsibility to take their machine to an authorized service center.

The manufacturer covers up to one (1) year (365 days) of service labor at the manufacturer's calculated hourly labor rate/repair time when performed by a manufacturer-authorized service provider. Ultimately, labor reimbursement costs are at the discretion of the manufacturer. At no time is the manufacturer responsible for travel time to complete on-call repairs. After one (1) year, the original retail purchaser is responsible for all labor costs with no manufacturer reimbursement.

The original purchaser must contact the manufacturer to follow correct RMA/warranty procedures. They must include a copy of the RMA Sheet enclosed in the box with the returned item. No returns shall be authorized unless the proper RMA procedures are followed. It is the responsibility of the distributor to repair the client's equipment as soon as possible.

The manufacturer charges a 25% restocking fee for any items that are being returned to stock. Items must be new, unused, free of damage and are only good for up to 30 days. After 30 days, the manufacturer does not accept the return of any items for a store credit.

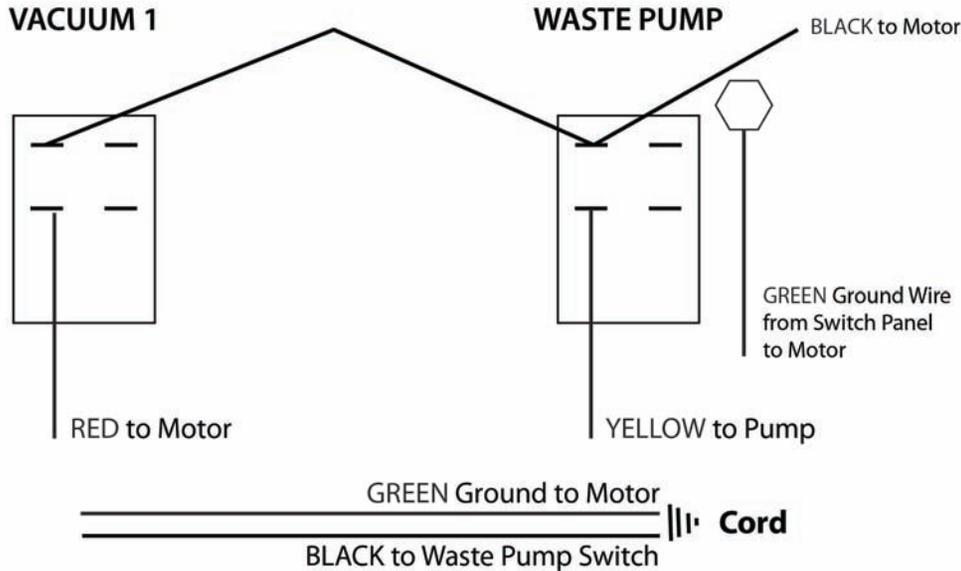
Authorized warranty replacement parts need to come directly from the manufacturer. Any use of any other parts will void warranty. The manufacturer does not reimburse for parts used by client that were not supplied directly for the machine under warranty.

The client must contact the manufacturer prior to working on or changing out of any parts, etc. The manufacturer must issue an RMA Sheet containing approved labor time and replacement parts. Do not send parts or equipment back to the manufacturer without an RMA Number and approval. No labor will be paid for, nor parts cost paid for or reimbursed, that have not previously been approved by the manufacturer. All warranty work must be approved and authorized to qualify, and appropriate warranty procedures must be followed.

The warranty starts on the purchase date by the original purchaser from an authorized distributor, subject to proof of purchase. The Machine Registration Form must be completed and sent to the original manufacturer at the time of purchase. If proof of purchase cannot be identified, the warranty start date is ninety (90) days after the date of sale to an authorized distributor.

Notes:

9.0 Machine Wiring Diagram



1.0 Safety Instructions

READ THIS MANUAL BEFORE OPERATING MACHINERY. KNOW THE PROPER SET-UP, OPERATION, CORRECT APPLICATIONS AND THE LIMITATIONS OF THIS EQUIPMENT **BEFORE** USE.

This flood pumper will afford you many years of trouble-free operating satisfaction, provided it is given the proper care. All parts have passed rigid quality control standards throughout the assembly process. Prior to packaging, your flood pumper was again inspected for assurance of flawless operation.

This machine is protectively packed to prevent damage in shipment. We recommend that upon delivery, unpack the unit and inspect it for any possible damage. Only a visual inspection will reveal damage that may have occurred.

If damage is discovered, immediately notify the transportation company that delivered your equipment. As a shipper, we are unable to report any claim for damage. You must originate any claim within five (5) days.

This manual is for your protection and information. Please read carefully since failure to follow precautions could result in discomfort or injury.

Reduce the Risk of Fire, Electric Shock or Injury

Use only as described in this safety operating manual. Use only the manufacturer's recommended attachments, accessories, replacement parts and filters. Replace damaged or worn parts immediately with genuine, original equipment parts to maintain safety and to protect your limited warranty.

Always turn OFF the flood pumper before connecting, disconnecting or working on the machine. This equipment must be connected to a properly grounded outlet only (see grounding instructions). The extension cord provided with this unit is (1) 25-foot, 12/3-gauge safet power cord and **MUST** be used with this unit to ensure grounding protection. Turn off all controls before unplugging. Make sure the on/off switch is in the off position. This is not a toy. Close attention is necessary when used around or near children. Use extra care when cleaning on stairs.

- DO NOT leave the flood pumper when plugged in. Unplug it from the outlet when not in use and before servicing.
- DO NOT use this flood pumper with a damaged cord or plug. If the equipment is not working as it should because it has been dropped, damaged, left outdoors, etc., contact an authorized service center.
- DO NOT unplug the flood pumper by pulling the cord. To unplug, grasp the plug, not the cord. DO NOT pull the unit by the cord, use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces. Lift using only the appropriate handles.
- DO NOT overstretch the safety power cord between the equipment and the electrical outlet in the wall.
- DO NOT tie an extension cord to the pigtail cord. This will damage the cord and will VOID your warranty.
- DO NOT handle the plug of the vacuum with wet hands.
- DO NOT move the machine up or down stairs with fluid in the machine.

1.0 Safety Instructions Continued

Reduce the Risk of Fire, Electric Shock or Injury.

- DO NOT pick up anything that is burning or smoking such as cigarettes, matches or hot ashes.
- DO NOT use the machine to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- DO NOT use where oxygen or anesthetics are used.
- DO NOT put objects into openings or use with any openings blocked. Keep free of dust, lint, hair and anything that may reduce air flow. Keep hair, loose clothing, fingers, and all body parts away from openings and moving parts to ensure safe operation.
- DO NOT use if any hoses or nozzles are damaged, cut or punctured.
- DO NOT expose to rain or use on wet surfaces, to avoid electric shock. Store indoors.
- DO NOT leave machine outdoors, in extreme heat or cold. Harsh weather elements will damage components and void warranty.
- DO NOT lubricate the motor. If the motor is lubricated, this will VOID your warranty.

2.0 Grounding Instructions

DANGER: IMPROPER GROUNDING METHOD CAN RESULT IN A RISK OF ELECTRIC SHOCK!

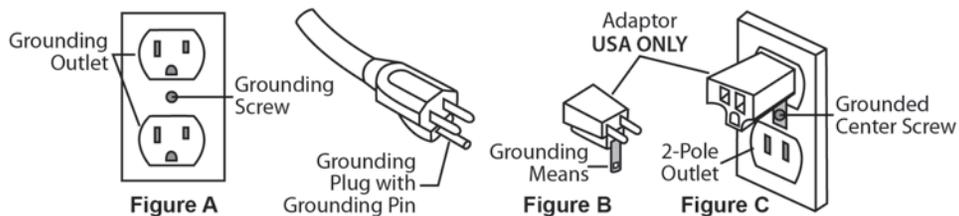
Electrical equipment must be grounded. Improper connection of the equipment grounding conductor can result in a risk of electric shock. If the equipment should malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock.

This vacuum is equipped with a cord containing a 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.

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 equipment. If it will not fit into the outlet, have a proper outlet installed by a qualified electrician.

If repair or replacement of the cord or plug is necessary, DO NOT connect the grounded wire to a flat bed terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

NOTE: In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.



8.0 Trouble Shooting Guide

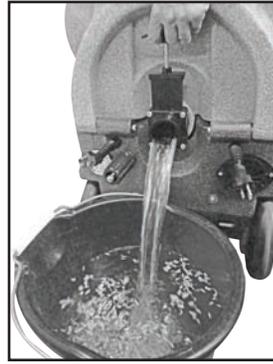
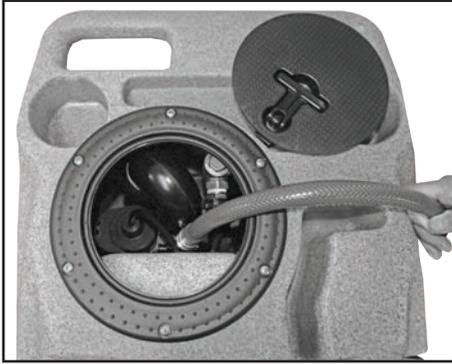
CAUTION: Always disconnect the power cord before servicing equipment.

WARNING: Never operate this flood pumper when the equipment is not performing as expected or when any part is visibly damaged. Repairs should only be performed by an authorized service center. Failure to do so will VOID warranty.

| System | Problem | Possible Cause | Remedy |
|-------------------|------------------------------|---|---|
| Vacuum System | No Vacuum / Weak Vacuum | <ol style="list-style-type: none"> 1. Float Shut-Off Tank Screen Dirty 2. Float Ball Stuck 3. Damaged or Loose Vacuum Hose 4. Dump Valve Open 5. Access Lid not Sealed 6. Vacuum Hose Clogged 7. Air Intake Grid Clogged 8. Leak in Recovery Tank | <ol style="list-style-type: none"> 1. Clean the Screen with Water 2. Tap Float to Unstick then Clean 3. Attach or Replace 4. Close Valve 5. Replace Gasket 6. Clear Debris 7. Clean 8. Clean and Dry Area, Patch with Silicone |
| | Unit will not Turn On | <ol style="list-style-type: none"> 1. Extension Cord not Plugged In 2. Switch not in the "On" Position 3. Building Circuit Overloaded 4. Wiring Connections Loose | <ol style="list-style-type: none"> 1. Check if Machine and Cord are Plugged In 2. Check Switches, Replace if Necessary 3. Reset Circuit 4. Unplug Machine and Check for Loose Wires |
| Electrical System | Burning Smell | <ol style="list-style-type: none"> 1. Vacuum Motor Hung Up 2. Pump Motor Hung Up 3. Debris in Vac Motor | <ol style="list-style-type: none"> 1. Replace Vacuum Motor 2. Replace Pump 3. Contact an Authorized Service Center |
| | Pump is not Running Properly | <ol style="list-style-type: none"> 1. No Power to the Pump 2. Propellor in Pump is not Operating 3. Jets on Wand are Clogged 4. In-Line Water Filter is Clogged 5. Kinked or Loose Hose 6. Pump Failed 7. Hoses not Attached Properly | <ol style="list-style-type: none"> 1. Check the Electrical System 2. Needs Replaced - Contact an Authorized Service Center 3. Clean In-Line Filter 4. Clear Debris 5. Check and Replace Hose if Necessary 6. Replace Pump 7. Push Hoses into Place |
| Pump System | | | |

6.0 Maintenance Continued

6.2 Clean Auto-Dump Pump-Out and Recovery Tank Continued



6.3 Clean Dump Valve

The dump valve, located on the back of the machine, has a track inside of it. Open the dump valve and check the track for build-up. This build-up could prevent the dump valve from closing and cause leaking. Use a toothbrush to clean the track of the dump valve.

6.4 WD-40 Vacuum Motor

Should moisture ever enter the vacuum motor, completely drain the recovery tank, open the recovery tank lid, remove the vacuum float assembly, turn on the vacuum motor and spray a burst of WD-40 into the standpipe. Continue to run the vacuum motor for at least three (3) minutes.

To prevent moisture from damaging the vacuum motor during storage, empty the recovery tank and store with the lid open.

7.0 Storing your Flood Pumper

Store your Flood Pumper in temperatures over 40 degrees Fahrenheit. To prevent moisture from damaging the vacuum motor during storage, empty the recovery tank and store with the lid open. Store in an upright position in a dry area.

2.0 Grounding Instructions Continued

This electric equipment is for use on a normal 120 volt circuit. It has a grounded plug that looks like the plug illustrated in (Fig A). A temporary adapter, such as illustrated in (Fig B and C), may be used to connect this plug into a two-pole receptacle, as shown in (Fig B), if a properly grounded outlet is not available.

The temporary adapter should be used only until a properly grounded outlet (Fig A) can be installed by a qualified electrician. The green color rigid ear lug or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.

3.0 Care of your Flood Pumper

Treat your machine as you would any other high grade, precision made product. Dropping, unreasonable bumping across thresholds and other misuses may result in a damaged unit which will not be covered under warranty.

After each use, wipe the extractor body, accessories and power cord with a slightly damp cloth. When not in use, the remove the power cord and hoses. Stored in a dry area.

WARNING: DO NOT use the flood pumper as a dry vacuum. It is for wet pick-up only. Failure to do so with damage the pump and VOID your warranty.

4.0 Set-Up and Operation

DO NOT USE ON WET SURFACES. DO NOT EXPOSE TO RAIN. STORE INDOORS.

This machine comes with (1) 25-foot, 12/3-gauge safety power cord, (1) 25-foot, 2" blue auto-dump hose and (1) 25-foot 1-1/2" vacuum hose.

4.1 Connect the Auto-Dump Hose

The auto-dump hose is a 25-foot, 2" blue hose.

- Locate the QD dump port located on the front of the machine's base.
- Push the end of the auto-dump hose onto the QD dump port. Close the latches on each side of the hose so that it is securely locked to the dump port. Note: only one side of this hose will properly fit onto the dump port. Do not force.
- Place the other end of the hose in a commode or drain connected to a sanitary sewer system.

4.2 Connect the Vac Hose

The vacuum hose is a 25-foot, 1-1/2" vacuum hose.

- Locate the vacuum hose port located on the front of the machine next to the switch panel.
- Push the vacuum hose onto the end of the vacuum hose port.
- Next, attached a tool of your choosing to the end of the vacuum hose.

4.0 Set-Up and Operation

4.3 Attach the Power Cord

The machine comes with a 25-foot, 12/3-gauge safety power cord.

- Locate the pigtail on the back of the machine's base.
- Plug the lighted end of the power cord into the pigtail.
- Plug the cord into a 20 AMP grounded wall outlet.

20 AMP circuits are normally found in kitchens and bathrooms. Never remove the ground prong from the plug. If a circuit breaker trips during operation, turn machine off, reset the breaker and move the electrical cord to a different outlet and resume operation.

4.4 Machine Switches

The left-hand switch provides power for the vacuum motor. The right-hand switch provides power for the pump.

4.5 Automatic Vacuum Shut-Off

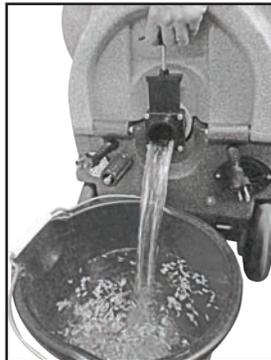
The float assembly shut-off, located in the recovery tank on the vacuum stand pipe, prevents the waste tank from overflowing into the stand pipe and damaging the vacuum motor. The float assembly will cut-off vacuum to the waste tank. The motor will also reach a fast, high-pitched sound alerting you when the recovery tank is about to overflow. When this happens, immediately turn off the vacuum motor and empty the waste tank. If the operator continues to use machine after the tank is full, it will void the Warranty.

The float assembly has a filter to prevent debris from entering the stand pipe. Refer to the "Maintenance" section for removal and proper cleaning.

If moisture enters the vacuum motor, contact an authorized service center. To prevent moisture from damaging the vacuum motor during storage, empty the recovery tank and store with the lid open.

5.0 Shutdown Procedures

- Turn both switches to the OFF position.
- Locate the dump valve on the back of the machine's base.
- Place the dump valve over a drain or a bucket and drain the water from the recovery tank into a sanitary sewer system. **CAUTION:** use separate buckets to drain and fill the tank. Even the smallest debris can cause issues.
- Disconnect all hoses and tools.



6.0 Maintenance

WARNING: Disconnect electrical power cord before performing any service or maintenance inside the machine base or before testing or repairing switches or power cords. Failure to do so may result in severe personal injury or death.

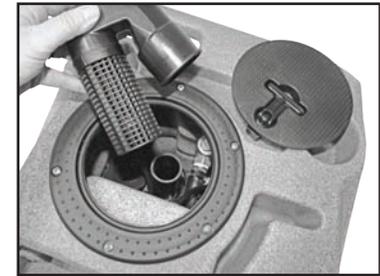
Regular maintenance is required to keep your flood pumper in proper working condition. Failure to properly maintain your machine could VOID warranty. Thoroughly clean all equipment and accessories after each use:

| Operation | Interval |
|--|------------------------|
| Clean Vacuum Float Assembly Screen | Daily - After Each Job |
| Clean Auto-Dump Pump Out / Recovery Tank | Daily |
| Clean Dump Valve | Daily |

6.1 Clean Vacuum Float Assembly Screen

Inside the recovery tank, on top of the stand pipe, is the vacuum float assembly. It functions to prevent debris and water from being sucked into the vacuum motor. Operating the equipment without the float assembly or with a poorly maintained assembly, will greatly decrease the life of the vacuum motor and will VOID the warranty.

If debris builds up on this filter, it will reduce the vacuum air flow and may cause a significant decrease in the rate of water recovery. If debris prevents the float ball from moving or seating inside the assembly, it may not stop the airflow when the tank fills with water and water will be sucked in the vacuum and blow out the exhaust.



Vacuum Shut-Off Assembly

To clean, twist off the float assembly from the stand pipe and clean the screen. Pull fibers and lint off and rinse with clean water. Push the assembly back onto the stand pipe and replace the recovery tank lid.

This screen should be cleaned daily, especially if the flood pumper is being operated in an environment which has an abnormal build-up of lint and debris, such as cleaning newly installed carpet. Loss of vacuum is most normally associated with lint build-up in this filter at the top of the vacuum stand pipe.

6.2 Clean Auto-Dump Pump-Out and Recovery Tank

Build-up of fine silt and debris can damage the auto-dump pump and dump valve. Clean out the recovery tank on a regular basis to extend the life of these components as well as keep the tank and machine smelling better.

To rinse out recovery tank, remove the recovery tank lid and open the dump valve. Place a bucket under the dump valve. Use a hose to rinse the dirt and debris out of the recovery tank. Close the dump valve and spray the tank with deodorizer or disinfectant. Replace the recovery tank lid and dispose of the dirty water and debris.