

**ROTOVAC<sup>®</sup>**  
**MONSOON<sup>™</sup>**  
High performance ZX Vacuum Technology

**OWNERS MANUAL**



**IT IS VERY IMPORTANT THAT YOU READ THIS MANUAL BEFORE OPERATING THE MONSOON.**

**Questions? CALL ROTOVAC TOLL FREE AT 888-768-6822**

**\*Watch Monsoon Training Video at [rotovac.com](http://rotovac.com)**



**Training video**

[www.carpet-cleaning-equipment.net/rotovac-training-videos/](http://www.carpet-cleaning-equipment.net/rotovac-training-videos/)

**The Monsoon with new high-performance ZX vacuum motors produces enough vacuum power to run efficiently up to 200 feet of vacuum hose and operates on two 15 amp circuits. With its large 15 gallon clean water tank and automatic pump out of the dirty water, the Monsoon sets a new standard for portable carpet cleaning machines.**

## **ATTENTION!**

**\*DO NOT ALLOW EQUIPMENT TO FREEZE!**

**\*DO NOT USE AS A DRY VACUUM WITHOUT SPECIAL DRY VAC FILTER**

**\*DO NOT SUCK UP LARGE AMOUNTS OF STANDING WATER, AS THIS MAY OVERCOME THE RECOVERY SYSTEM AND CAN SUCK WATER INTO THE VAC MOTORS**

## **ALWAYS USE FILTER BAG**

### **Before using the machine for the first time**

1. Run 2 gallons of freshwater through the machine to remove any antifreeze residue
2. Install the 45 degree elbow on the front gate empty valve
3. Make sure the float cage filter screen at the top of recovery tank, and the pump-out filter screen at the bottom of the recovery tank are both attached
4. Make sure the filter bag is attached to the vacuum T inlet under the recovery tank lid
5. Connect power cords to 2 separate circuits (Kitchen and bathrooms circuits are best)
6. Fill freshwater tank with as hot of water as you can. You can use 5-gallon buckets or roll machine over to sink and use a 3 foot vacuum hose to drape over the faucet and fill directly
7. If you are using the auto empty pump out feature, attach the 50' clear empty hose and run it to where you want the dirty water to go. Usually a toilet is best. Make sure the hose is secured by closing the toilet lid on the hose in a way that it will not fall out which could flood the area with dirty water
8. Attach vacuum hose and solution line to the Monsoon and you are ready to go
9. Pre spray your cleaning agent on the carpet rather than putting in solution tank in order to minimize foaming. This method also allows you to spray extra solution on troubled areas and less on areas that are not very soiled. The pre spray method allows dwell time for your cleaning agent to work. When you then clean and rinse with freshwater you are flushing the soil and the cleaning agent residue from the carpet which leaves it softer and stays clean longer.
10. If you are not using the auto empty and your recovery tank gets too full, the ping pong ball in the float screen cage screen at the top of the recovery tank will suck up and block off the vacuum in order to prevent water from being sucked into the vacuum blowers. Try to empty the machine before this happens. If you do suck water or foam into the vacuum motors it will shoot out the exhaust under the machine. Always run the vac motors dry for at least 2 minutes after sucking water through the motors in order to thoroughly dry the blowers for longer vac motor life.
11. Always use a filter bag on the vacuum inlet under the recovery tank lid when using auto pump-out feature. This prevents the pump-out filter screen from clogging



### **Emptying the machine**

You can empty the machine with the dump valve on the front of the machine, or the APO (automatic pump out) Photo. The APO system can be left on for continuous emptying of the machine or used intermittently.

### **APO (Automatic Pump Out)**

Connect the drain hose to the empty whip. When the recovery tank is about  $\frac{1}{2}$  full, turn on the empty pump to see that it is working. You can now leave the APO running as you clean.

### **Maintenance**

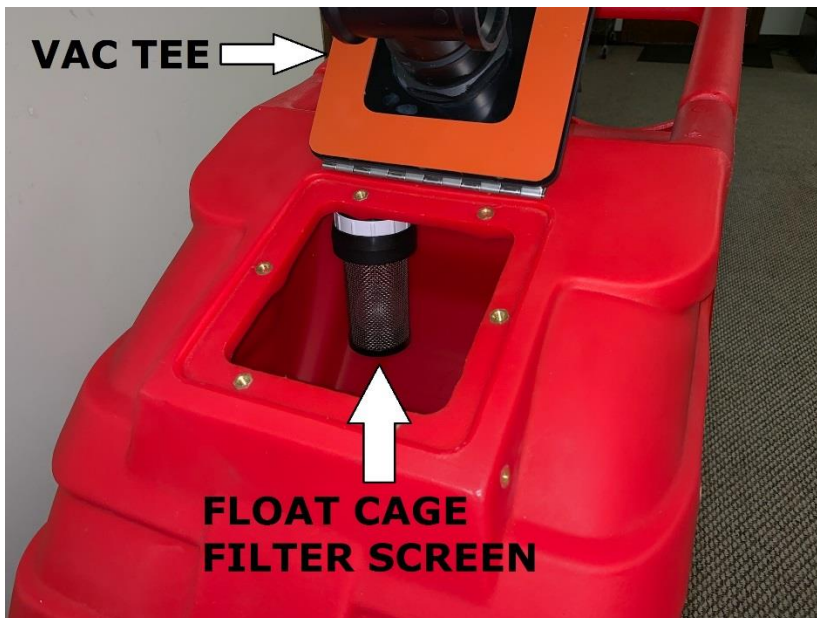
Rinse out your recovery tank with a hose at the end of the day to control odor and sediment.

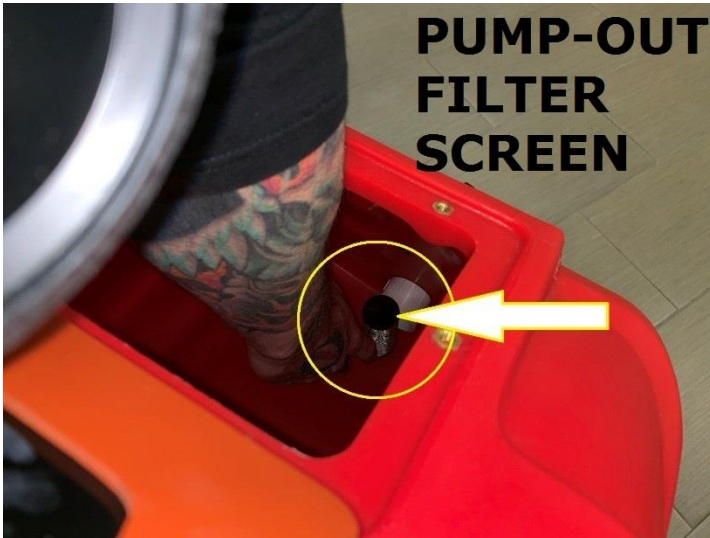
Always operate the Monsoon with inlet filter bag attached to the VAC TEE under recovery tank lid. You can also use a nylon leg stocking to catch carpet fibers or debris.

Clean the float cage filter screen after every job.

### Priming the Solution Pump

If your solution pump has an air lock in it, the pump will run but not pump water. To prime the pump, attach the female quick connect, to the male quick connect at the top of the recovery tank. Turn on pump and vac motors, while blocking off the suction with your hand. And the water will be sucked through your pump to prime it.





**DON'T REMOVE THE PUMP OUT FILTER SCREEN UNTIL YOU CLEAN THE RECOVERY TANK**

The pump-out filter screen at the bottom of the recovery tank prevents dirt from clogging your empty pump. For a quick cleaning you can reach down into the recovery tank and brush it off with your hand. For a more thorough cleaning you can unscrew it. CAUTION: Before unscrewing the pump-out filter screen for cleaning, you need to thoroughly wash out the recovery tank to remove any dirt that could drain down into the pump-out opening which could damage the empty pump.

Simply unscrew the filter screen, clean it with water and re install it.

**For questions not covered in the owners manual please call our service department 888 768-6822**

# Monsoon Dual Vac Diagram

