



Before plugging in your vacuum system check the voltage to assure that the power supply is compatible with the unit. The foot switch (used to turn the suction on and off) or the optional hand valve should be located inside the cabinet. To begin counting, screw counting head to the end of the hose, which is located on the top of your cabinet. A 3/8" pipe nipple is supplied in each counting head for this purpose. If you are using a hand valve, the hand valve will screw in between the hose and the counting head. The foot switch or optional hand valve will turn the vacuum on and off at the counting head.

To begin counting or planting, hold the counting head in one hand with the holes exposed. Sprinkle the counting head with enough seed to cover each hole. While holding the counting head firmly, rotate your hand in a circular motion to move the seed around the counting head until all holes are covered. It may be necessary to remove duplicates (more than one seed on a hole) with a pair of forceps. When all holes are covered gently tilt the counting head to pour off the excess seed. Now place the counting approximately 1/2" above your planting media and release the vacuum (with the hand valve this would be accomplished by turning the black wheel, with the foot switch rock the foot pedal forward to turn the vacuum on and off). The seeds should fall freely onto the planting media. If the counting head is held too far from the media the seeds will bounce around.

In some dry climates static is a problem. The static electricity will cause the seed to stick to the acrylic counting head. This problem may be eliminated with the use of an

anti-static solution. Anti-static is available in many forms. Fabric softener sheets may be rubbed over the counting head or a spray on type of anti-static may be used.

The vacuum relief valve (fig 1.), which is found inside the cabinet, can be adjusted for more or less vacuum by loosening the top nut and adjusting the top valve in or out. While performing this, watch the gauge for the desired vacuum. There is no set vacuum for each variety of seed, vacuum may be adjusted accordingly.

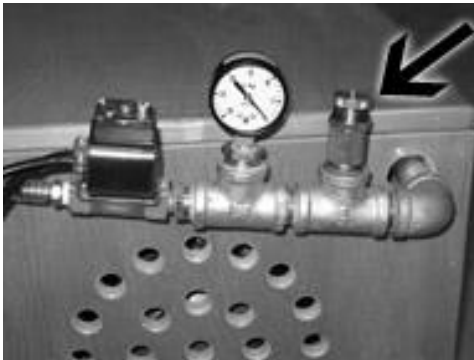


Fig 1. (Vacuum relief valve is located inside cabinet in Vacuum Workstation unit, not on outside as pictured.)

Periodically check felt filter media, located on the left hand side of the vacuum pump. The filters are located under the black knobs. If the filters are heavily soiled, replace or clean with air as needed. Such maintenance will prolong the life of your vacuum pump.

Motor Type	Rotary Vane Compressor, Dual Frequency, Drip proof
Bearings	Sealed
Valve	Self-adjusting, Self-lubricating, For Maximum Efficiency
Design	Oil-less

Hoffman Manufacturing, Inc
www.hoffmanmfg.com



Vacuum System Limited Warranty

Hoffman Manufacturing, Inc warrants that if your VPWS Vacuum System proves to be defective in workmanship under normal use we will provide, without charge, the parts and labor to remedy any such defect for the period of one year from the date of original purchase.

To obtain service under this warranty you must contact Hoffman Manufacturing, Inc and provide the original serial # and model number. You may contact Hoffman Manufacturing Inc. by phone 1-800-692-5962 (Int'l. Phone 001-541-327-2242), FAX 1-800-343-6724 (Int'l. FAX 001-541-327-2255), E-mail sales@hoffmanmfg.com or mail 16541 Green Bridge Road SE, Jefferson OR 97352 USA.

To receive replacement parts under this warranty the original, defective part must be returned to Hoffman Manufacturing, Inc. Any postage, insurance and shipping costs incurred in presenting or sending for service is your responsibility. Packing shall be in conformance with the shipping company's guidelines and insured if required to cover the cost of the part being returned.

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