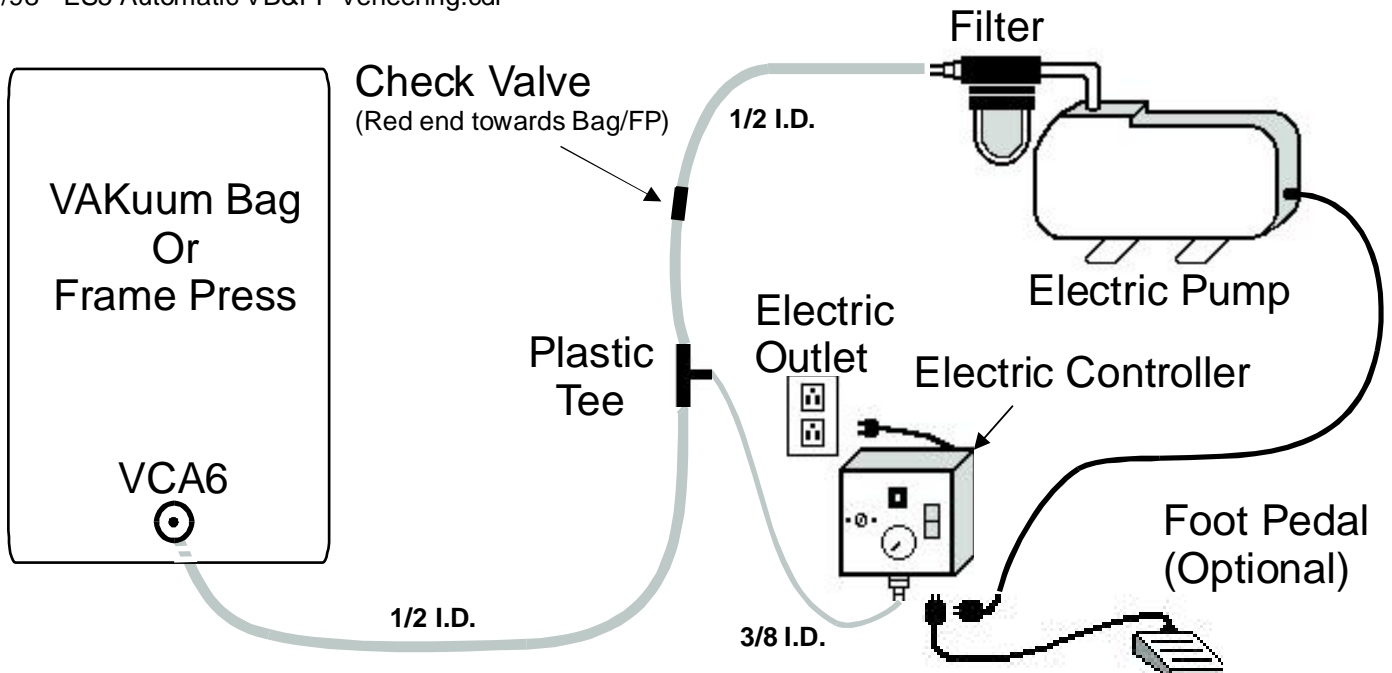


N ES5 SUPER-PRO AUTOMATIC SET-UP DIAGRAM AUTOMATIC VAKUUM BAG OR FRAME PRESS VENEERING

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1. Place the 3 prong plug from your **Electric Pump** into the 3 prong receptacle on the **Electric Controller**.
2. Screw the **Brass Filter Assembly** onto the pump and tighten with a wrench. Do not tighten using the filter as leverage, or as a handle since the filter may break. Also, check to make sure the filter bowl is tight. If not, remove it and re-tighten, making sure it is on straight. If leakage is occurring in your system, this is the first place to look.
3. If you purchased a complete system, a 10" length of 1/2" I.D. **VAKuum Hose** and a 5" length of 3/8" I.D. **VAKuum Hose** are supplied. A **Plastic Tee** and a **Check Valve** (placed inside the longer hose) are also supplied. You must cut the larger hose (1/2" I.D.) to your desired length. The piece that you cut off should now be connected to the other end of the tee, using the extra **Worm Clamp** supplied. The other end of this piece of hose will be slipped over the brass nipple on the **VCA6**, which is the brass bulk head fitting which connects to the base board of your **VAKuum Bag**. Remember, when you cut this piece of hose, you must judge what length of hose you want going from the tee to your bag. Refer to the diagram.

Once you have made the cut, you can now connect the remaining piece of 1/2" I.D. hose, with the check valve inside, to the filter, which is now attached to your vacuum pump (step 2.) The red end of the check valve should be towards the tee and vacuum bag.

The 5 foot length of 3/8" I.D. hose can now be attached from the tee to the barb on your Electric Controller.

CALL 800 547-5484 with any Questions
Quality VAKuum Products, Inc.

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4. When at sea level the **VAKuum Sensor** is set to turn off at 24" Hg. and on again at approximately 20" Hg. Turn the screw counterclockwise to reduce the turn-off point if so desired. This will be necessary if you live at higher elevations. You lose about 1" Hg for every 1000' above sea level. If you want the maximum pressing force, and elevation is not a problem, then do not touch the vacuum sensor screw. Remember, if you turn the sensor down to shut off below 20" Hg, then the vacuum level will drop more than the original 4" Hg before the system turns back on. This drop might be as large as 7" to 9" Hg.
5. **ON/OFF Switch.** This is a 3 position rocker switch. When set to "VAK BAG" the unit will automatically regulate the correct vacuum level within the bag. The "VAK KLAMP" setting will run your pump continuously.
6. **Vacuum Tank.** Less cycling on and off will occur if you add a vacuum tank to your system. Place it in the line between the Tee and the bag. If the bag rips or leaks for any reason, the pump will cycle on and off excessively and the tank will reduce the cycling. Unlike the air-powered **VAK Pumps**, excessive on/off cycles will damage the electric vacuum pump. Excessive cycling of the pump will also cause it to over heat and shut off, possibly causing the loss of your work.

WARNING, NEVER RUN THE PUMP IN THE "VAK BAG" MODE WHEN VAKUUM KLAMPING. FOR SAFETY REASONS, THE PUMP MUST ALWAYS RUN CONTINUOUSLY WHEN VAKUUM KLAMPING; THEREFORE, KEEP IT IN THE "VAK KLAMP" POSITION TO RUN THE PUMP CONTINUOUSLY.

Please take the time to read the operators manual that is supplied by the pump manufacturer. Note that the pump could require periodic flushing with an appropriate solvent.

Warranty and Disclaimer. There are no expressed warranties which extend beyond the description on the face hereof. Seller disclaims any implied warranties of merchantability or fitness for any particular purpose. Since the seller cannot control the manner or use of its products after their sale, seller will not be responsible for any consequential or direct damages. Rather, seller will at its option, either replace the goods sold or refund the purchase price. No warranties will be applied if the goods are in any way altered or modified after delivery by seller.

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