

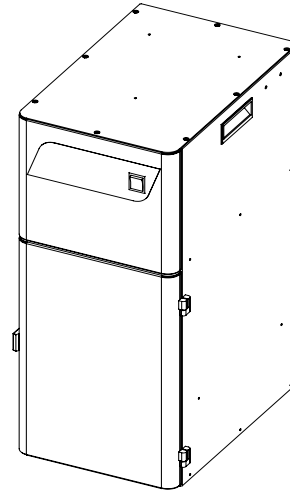
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## PACKING LIST

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- 1 - StoneVac II Plus
- 1 - 2½" x 6' Hose
- 1 - Dust Bin Bag
- 1 - Elastic Retaining Band
- 1 - Power Cord

**IMPORTANT SERVICE INFORMATION:**  
SAVE SHIPPING BOX AND FOAM FOR FUTURE SERVICE. SHIPPING WITHOUT PROPER FOAM MAY CAUSE DAMAGE TO UNIT



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## INSTRUCTIONS

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1. Remove the unit and other parts from the box; check against the packing list. Remove the hose from inside the dust bin as well as any protective paper packing material.
2. Plug the removable power cord into the back of the unit. Try the unit by pushing the switch to the **ON** position making sure the AutoPilot **AUTO/MANUAL** switch is in the **MANUAL** position.
3. The vacuum hose supplied slips onto the vacuum connection near the front panel of the unit and the other end connects to the collection device desired. The ideal location for the StoneVac II is under the bench where the user works. The single station hose supplied is 2½" x 6 feet long and accords to the desired length. Hose extensions and adaptors are available from your dealer. We recommend, however, that you try to keep the total length of hose less than 6 feet between the StoneVac II and the dust collection point. Longer hose will reduce suction. See the enclosed accessories guide for collection device details or call your Vaniman dealer.

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## CONNECTING THE AUTOPILOT

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Introduction:

The **AutoPilot** allows you to control your dust collector from a micromotor or lathe. When you start your micromotor, the dust collector will start automatically. When you stop your micromotor, the dust collector will continue for a short period of time to allow for the residual dust to be cleared.

**WARNING:**

The Autopilot will accommodate a micromotor, electric handpiece, or lathe that does not exceed **5 amps, 115VAC, total**

1. Turn the unit on at the main power switch. Move the other switch to **AUTOMATIC**, the dust collector should turn off.

2. Plug one micromotor into the receptacle on the back of the dust collector. If the dust collector comes on, the sensitivity is set too high for your micromotor; we will adjust it in a moment. If the dust collector did not start when first plugged in; start the micromotor now. If the dust collector starts, then the sensitivity is set correctly. The dust collector will continue to run for about 5 to 10 seconds after you stop using the micromotor.
3. If the sensitivity is not set correctly, it can be adjusted by the screw located on the front of the unit to the left of the switches. There are two adjustment screws. Only adjust the one on the right. To increase the sensitivity, gently turn the screw counter-clockwise (to the left). If your dust collector did not start when you started the micromotor, then increase the sensitivity by gently turning the screw slightly counter-clockwise waiting two seconds after each adjustment. Try the micromotor again. If the dust collector does not start, then gently increase sensitivity a little more. Repeat this process until the dust collector starts when the micromotor is running. If the dust collector starts but does not turn off even when the micromotor is stopped, you may have to decrease the sensitivity slightly.
4. If after following these steps, the unit does not operate properly, please contact Vaniman as there may be addition adjustments or steps that can be made to attain the results you require.

### **NSK Ultimate XL-K and/or Z500 Series Handpiece Users**

#### **From the NSK Ultimate XL-K and Z500 Users manual:**

"Vacuum-coupled Mode"

On some dental tables with vacuum dust collector, the motor may be used while being coupled with a dust collector.

When such a dust collector is used, power consumption of the Ultimate XL-K/Z500 can be regulated so that the vacuum coupled function can work. If you need coupling with a vacuum dust collector, select the mode as follows:

#### **How to select the mode**

While pressing Forward/Reverse Selector Switch (button), turn on the Power Switch, and the mode can be selected. A long beep indicates vacuum-coupled mode and 2 short beeps indicate non-coupled mode. Each time the switch selection is made, the mode changes between vacuum-coupled mode and non-coupled mode.

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## **MAINTENANCE**

1. **Cleaning the Filter** - When a noticeable drop in suction occurs with the StoneVac II, it is time to clean the filter. To use the self-cleaning feature of the StoneVac II, push and hold the Power switch in the **CLEAN** position for several seconds. Optimum cleaning takes place within 5 seconds. For best results, wait an additional 5-7 seconds with the Power switch in the **OFF** or center position, this allows the dust cleaned from the filter to fall into the dust bin before turning the unit on again.
2. **Emptying the Dust Bin** - Depending on usage, the Dust Bin will need to be emptied at different intervals. Check the level of dust in the bin by lifting and turning the latches on the unit door panel. Open and observe the dust level. To empty, set the panel aside and slide the Dust Bin from the unit; pull the retaining band off from around the Dust Bin ledge and gather the sides of the plastic bag together. Replace the bag with a Vaniman replacement and place the bag into the Dust Bin, folding the open end of the bag over the Dust Bin edges, and putting the retaining band around the bag edges as before. Then slide the Dust Bin back into the unit. Replacement dust bin bags **P/N 97002**.

- 3. Replacing the filter cartridge** - Regularly check the filter to make sure it is secure and properly seated against the filter mounting/sealing plate. Periodically, the filter cartridge will become worn or clogged beyond the use of the **CLEAN** feature. In cases when dust collector usage is heavy, changing interval may be as frequent as 3-6 months. To replace the filter, follow the instructions above to remove and empty the dust bin. With the dust bin removed, reach underneath the Filter Cartridge and unscrew the filter retaining nut. Remove the nut and washers and pull the filter downward then forward out of the unit. Replace the filter with a new filter cartridge by performing the removal instructions in reverse. Filter Cartridge re-order **P/N 97001**.

**NOTE:** Be sure to replace the rubber washer **FIRST** and the metal washer **SECOND**. Securely fasten the filter retaining nut. Improper installation may cause dust to pass into the air.

- 4. Electrical Protection** - The unit is protected by a circuit breaker. If the unit is plugged in and does not operate, check to see if the circuit breaker was activated by inspecting it on the back of the unit where the power cord enters the unit. If the circuit breaker was activated, push the button in the center to reset it. If the unit still does not operate, contact your dealer or call the factory at 1-800-VANIMAN for technical assistance.

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## **RECOMMENDED USAGE**

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- Individual work station (2½" hose) or dry model trimmer dust collection for trimming or grinding Die Stone. While the StoneVac II PLUS was designed specifically for Die Stone, it will also handle other dust developed at the same workstation such as alloy, porcelain, and acrylic.
- The StoneVac II can be used with abrasives or micro-blasters. If used for this application, it is important that the filter be serviced or replaced regularly. Additionally, Vaniman's pre-filter Accumulator helps capture abrasive before it reaches the dust collector, increasing the life of the unit.

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## **RECOMMENDED ACCESSORIES**

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Large Accumulator - **PN: VMC-A300**

6ft Remote Switch - **PN: 10203**

### REPLACEMENT PARTS

The following items are offered to enhance the usage of your quality Vaniman unit. These items can be order through your supplier using the following part numbers. Please feel free to contact Vaniman Mfg. Co. with questions regarding our products.

Fig. #	Description	Reorder Part Number
1	Replacement Shaker Motor	97003
Not Shown	Shaker Clamp	3526
2	Wing Nut	2847
3	Washer	2868
4	Rubber Washer	1783
5	Replacement Filter (includes rubber washer)	97001
6	Remote Plug	1427
7	Outlet Receptacle	1832
8	Power Inlet	5195
9	Circuit Breaker Switch, 15Amp	3285
10	Top Panel Screw, 6-32 x 3/8" FHMS	3005
11	Motor Plate Screw, 6-32 x 1/2" Pan MS	2080
12	Replacement Motor - Yellow Dot	97093
Not Shown	Motor Brushes Kit - Yellow Dot	*Contact Vaniman for Information*
13	Switch ON/OFF/CLEAN	3282
Not Shown	Protective Switch Cover	1003B
14	Switch AUTO/MANUAL	1480A
15	Door Latch	3040
16	Door Gasket	97150
Not Shown	Power Cord	3006

