
PACKING LIST

- 1 - Vanguard 1X unit
- 1 - Power Cord
- 1 - Hose Assembly

<p>IMPORTANT SERVICE INFORMATION: SAVE SHIPPING BOX AND FOAM FOR FUTURE SERVICE. SHIPPING WITHOUT PROPER FOAM MAY CAUSE DAMAGE TO UNIT</p>

ASSEMBLY INSTRUCTIONS

1. Remove the unit and other parts from the box. Check against the packing list.
2. Plug the removable power cord into the socket labeled "POWER" on the top of the unit. Plug the other end into a standard wall socket. Try the unit by turning the switch to the "ON" position.
3. The vacuum hose supplied slips onto the vacuum connection on top of the unit and the other end connects to the collection device desired. The ideal location for the unit is under the bench where the user works. The hose may be shortened by removing the hose cuff from one end and carefully cutting with a sharp knife. The hose cuff threads onto the hose with a left-hand thread. Longer hoses and adapters are available from your dealer. We recommend that you try to keep the total length of hose less than 6 feet between the unit and the dust collection point; longer hose will reduce suction.

MAINTENANCE

1. **Filter Bag Replacement** - When a noticeable drop in suction occurs with the unit or it shuts down or the filter bag is two thirds full, replace the filter bag. **DO NOT** attempt to clean out the filter bag. Replace with a new Vaniman filter bag. Change the filter bag by unscrewing the two thumb screws on the front of the unit and pull out the front cover plate to expose the filter bag compartment. Remove the used filter bag by sliding it off the inlet tube; the front of the cardboard reinforcement may need to be tilted downward slightly to remove the bag easily. Check the inside of the filter bag compartment. If dust is present please clean the compartment. Cause for residual dust may be due to improper installation. Vacuuming the excess dust will increase the life of the unit. Changing the filter bag regularly will save wear-and-tear on the motor. Re-order **P/N VMC-A400-5**
2. **Installing a new filter bag**- Slip the cardboard reinforcement, with rudder seal, over the inlet tube. You may need to tilt the front of the cardboard downward and slip the back edge up past the tube end, then rotate upward over the tube end. Carefully tuck the edges of the filter bag into the filter bag compartment. Replace the cover plate and gently tighten the thumb screws. Only gently pressure need be used to make the gasket seal; the vacuum pressure will draw the cover tight.
3. **Circuit Breaker** - The unit is protected by a circuit breaker on the right side of the unit. In the unlikely event there is an overload condition the breaker may trip. If this happens reset the breaker by pushing on the white button until it clicks into place.
4. **Motor Protection** - If the motor becomes too hot it will automatically shutoff to prevent damage. To reset the thermal gauge, turn off or unplug the unit and allow the motor to cool down. Once it has cooled you may turn it back on and continue use.

5. **Motor Brushes** - This long life motor does not have replaceable brushes. Replacement motors can be ordered as P/N 97038.

RECOMMENDED USAGE

1. Individual work station (1½" hose) dust collection for cutting, grinding and polishing of metal, porcelain, plastic and stone.
2. The Vanguard 1X may be used alone or in conjunction with the Large Vaniman Accumulator. The Accumulator will trap 90 - 95% of the dust in the collection trap which will extend the life of the Filter Bag by up to 10 times.
3. The Vanguard 1X is **NOT RECOMMENDED** for use with aluminum oxide abrasive blasting. Such use will void the warranty. The fine abrasive particles will cause motor damage. Vaniman offers a suction unit specifically designed for abrasive blasters and media. It is called the SandVac (10211). Contact your dealer for availability.

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.

Number	Item Description	Part Number
1	Red Dot Motor	97038
2	Motor Mount	2921
3	Gold Motor Clip	3273
4	Replacement Bags 3-pack Replacement Bags 5-pack	VMC-A400-3 VMC-A400-5
5	Front Cover Thumbscrew	1449
6	Power Switch ON/OFF	2904
7	Power Connector	3010
8	Remote Plug	1427
9	Transformer	1417
10	Circuit Breaker, 10Amp	2807
11	Back Cover Screw 6-32 x 3/8" FHSMS	1448A
12	Power Cord	1422

