

INSTALLATIONS INSTRUCTIONS FOR:

Viking ProBowl

1. Mount the unit to the wall using the screws and anchors provided. Insure that the ball valve handle will be within reach of the operators who will be using it.
2. Connect the clear PVC tubing to the barb fitting on the bottom of the bowl. Make sure that the tubing drops vertically so that water and product do not back up into the bowl. If using tie wraps, do not cinch the tubing tight. If you are using a long piece of tubing, you might want to get a Hang Up Nozzle Kit (VOA HANGNOZ V72) from Viking, which allows the end user to hang the tubing out of the way until they need to use the dispenser.
3. The inlet for your water supply is 1/4" FNPT. We recommend using 3/8" OD copper or plastic supply tubing. You will be filling a bus pan or sink with this dispenser – you need good flow and pressure. A 1/4" MNPT x 3/8" compression fitting will work best.

NOTES: Do not provide water in excess of 140 degrees Fahrenheit to the ProBowl.
Do not use 1/4" OD supply tubing because of the limited flow of water.
We recommend using a static water pressure of 30-80 PSI. If pressure will exceed 80 PSI, we suggest that you use an in line pressure regulator.

4. Once you have your water source connected, place a capsule of product in the Viking Bowl. Depending on the size of the sink or bus pan you are filling and the amount of product you wish to dispense, you will need to adjust the flow to the product by turning the small setscrew on the side of the chrome fitting (where the water feeds into the Viking Bowl spray arm). With a small screwdriver, turn the setscrew clockwise until it stops. Back it out one full turn and fill the sink (or bus pan) – determine whether more or less product is required. Tighten the setscrew for less chemical, loosen the screw for more chemical.

NOTES: We recommend adjusting one full turn at a time – no more.
From a stop (all the way in) 7 full turns will remove the screw. Be careful not to completely loosen the screw and risk dropping it and loosing it.
From a stop (all the way in), no noticeable adjustment will occur beyond 4 turns out.

The differences in flow of bypass water relative to the turns of adjustment on the setscrew are insignificant. These amounts are for reference.	Bypass GPM at 20 PSI	Bypass GPM at 30 PSI	Bypass GPM at 40 PSI	Bypass GPM at 50 PSI
Appx. bypass water at all settings:	.70 GPM	1.1 GPM	1.2 GPM	1.6 GPM

From closed (turned clockwise until it stops), the number of Turns of the screw from no flow.	Ounces per minute at 20 PSI	Ounces per minute at 30 PSI	Ounces per minute at 40 PSI	Ounces per minute at 50 PSI
1 Turn	6.87	10.3	15.4	15.4
2 Turns	15.4	23.1	27.5	36
3 Turns	22.3	33.5	44.6	53.2
4 Turns	27.5	41.3	53.2	65.2

NOTE: The ounces per minute listed at the various pressures and settings in the chart on this page refer to the amount of water that will pass through the spray arm ONLY. Approximate bypass volume (in gallons per minute) are listed in the chart at the bottom of page 1.

HOW TO DISCOURAGE SETSCREW TAMPERING:

If you are concerned about someone tampering with the setscrew (competitor, customer, etc.) we suggest the following. Once you have adjusted the setscrew to your liking, completely loosen the compression nut above the setscrew. Put a 1/2" wrench on the flats of the MPT fitting. Loosen the plated collar below the MPT fitting until you can rotate the MPT fitting with the wrench. Rotate it until the setscrew is facing the wall. Hold the MPT fitting with the wrench while you tighten the collar back down – DO NOT OVERTIGHTEN THE PLATED COLLAR. You may want to continue to hold the wrench while you retighten the compression nut. Run water through the bowl and check for leaks after doing this.

WARRANTY

Viking LLC, A DEMA Company products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products which have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, improper voltage supply, physical abuse or misapplication. Rubber and synthetic rubber parts such as “O” rings, diaphragms, squeeze tubing and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of Viking LLC products. If the products are altered or repaired without prior approval of Viking LLC, this warranty will be void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. Viking LLC assumes no liability for damages. Return Merchandise Authorization (RMA) number to return units for repair or replacement must be granted in advance of return.