

DEMA 5800V & 5800V.B

VIKING BOWL INSTALLATION INSTRUCTIONS

Choose a location on the wall that will allow gravity feed of the chemical to the dish machine. You don't want to be more than 5' from the bottom of the Viking Bowl to the bulkhead fitting in the dish machine tank wall. The 5/8" I.D. clear PVC tubing from the Bowl should run down to the injection point. If mounting on the side of the dish machine, use 1/4-20 x 3/4" bolts.

1. Use the compression nut (E) on the fitting on top of the Viking Bowl to secure the stainless steel tube to the Bowl. Attach the stainless steel tube to the ELBOW fitting in the side of the plastic or metal vacuum breaker.
2. Mount the Viking Bowl using screws and anchors provided. **Allow enough room above the bowl to insert and remove containers of product.**
3. Run and secure a 1/4" OD water line from the output side of your detergent control solenoid or timer valve to the straight fitting in the bottom of your plastic or metal vacuum breaker – this is the vacuum breaker inlet fitting. **NOTE: Do NOT tap a hot water line AFTER a booster heater for a feed line to the solenoid and Bowl.** The temperature of the water that will flow to the bowl must not exceed 140 degrees Fahrenheit.
4. On the side of the dish machine tank, locate or make (with a Greenlee punch) a 7/8" hole for the 77-degree elbow above the water line. Try to dispense in an area with good water circulation. A good location is across from the inlet to the circulation pump. Avoid installing in the tank corners. Install the elbow assembly in this hole.
5. Attach the clear feed tubing to the bottom of the Viking Bowl. Pull the other end of the tubing in line with the elbow and cut off any extra so the line doesn't sag. Attach it to the elbow.
6. Power the detergent dispenser and check for leaks at all connections. Tighten any loose compression nuts. A small trickle of water from the spray nozzle is normal when the solenoid / timer valve is active and no product container is in place.

SPECIFICATIONS & RECOMMENDED OPERATING CONDITIONS

- Water Pressure:** Minimum 15 PSI / Maximum 40 PSI Dynamic
If necessary, pressure can be adjusted by installing an in-line regulator to control the water pressure to the Viking Bowl.
- Water Temperature:** Some solid products are run with cold water. **We do not recommend using water that is more than 140 degrees Fahrenheit.**

Notes:

- The Viking Bowl accepts a standard 6" jug with a 100MM neck finish.
- Colored Viking Bowls are available – call for details.
- Private label logo is available on the Viking Bowl - call for details.
- Viking manufactures screen caps for encapsulated detergent - call for details.

Nozzles:

- The Viking Bowl comes with a Standard Spray Nozzle installed. The standard nozzle is used for both powder and solid products.
- The Cone Nozzle provides the same spray pattern as the Standard Nozzle but it is cone shaped to shed water and product after feeding is complete.
- The Powder Nozzle provides a low flat spray and should be used with powdered products only.
- The NDB Nozzle is for locations where low water pressure is too low. It has a smaller orifice and will provide a better spray pattern at lower pressures. It will produce lower flow rates than any of the other nozzles.

VIKING BOWL PARTS LIST			
ITEM NO.	DESCRIPTION	DEMA PART NO.	VIKING PART NO.
1	SPRAY ARM WITH BRASS PLUG	58.300	VOA INTPLUG V80
2	STAINLESS STEEL BALL	58.301	CHA VKBSSBL 000
3	MPT FITTING WITH O-RING	58.302	VOA NY11MPT V81
4	¼" JACO NUT W/ RING & FERRULE	58.303	CHA 1/4JACP 000
5	PLATED BRASS COLLAR	58.304	CHA VBRCOL 000
6	FLIPPER / PADDLE SPRING	58.305	CHA SPRAYSP 000
7	SAFETY FLIPPER / PADDLE	58.306	MOA VBFLPR M71
8	7.5" STAINLESS STEE TUBE	58.307	CHA VKBWLTB 000
9	PLASTIC DEMA VACUUM BREAKER	58.308	VOA VVBDEMA V19
	OPTIONAL WATTS 288AC ¼" VACUUM BREAKER WITH FITTINGS COMPLETE	58.309	VOA BRVBWFT V55
10	#8 X ½" HI/LOW SS SCREW	58.310	CHA 8X1/2SS 000
11	STANDARD NOZZLE (PWD. & SOL)	58.311	VOA STDNOZ V71
12	5' LENGTH OF 5/8" X 7/8" TUBING	58.312	CBA 5'#26TB 000
13	BLANK GREY FACEPLATE	58.313	MOA VBFCPLT M73
14	COMPLETE SPRAY ARM (INTERNAL ASSEMBLY INCL 1-7 + 11)	58.314	VOA VBINTAS V49
15	POWDER NOZZLE (POWDER ONLY)	58.315	VOA POWDNOZ V73
16	CONE NOZZLE (POWDER & SOLID)	58.316	VOA CONENNOZ V70
17	NDB NOZZLE (FOR LOW PRESSURE)	58.317	VOA NDBNOZ V72
18	ELBOW (BULKHEAD) FITTING COMPLETE	58.318	VOA 77ELAS V41
19	STANDARD HARDWARE BAG	58.319	CHH VBHARDW 000

