Installation Instructions - Viking Solid Rinse Bowl

NOTE: This unit works in conjunction with an electronic warewash dispenser. Please refer to the warewash dispenser's directions for its installation.

Installing the Solid Rinse Bowl:

Choose a location on the wall that will allow the end user to easily replace the solid rinse capsule when it is empty. Immediately to the right or left of a Viking Pro Warewash dispenser is best if wall space allows. See General Installation Reference diagram on Page 2.

1. Use the compression nut on the fitting on top of the Solid Rinse Bowl to secure the stainless steel tube to the Bowl. Attach the stainless steel tube to the output side of the vacuum breaker – it is marked **OUT**.

2. Mount the Solid Rinse Bowl using screws and anchors provided. **Allow enough room above the bowl to insert and remove containers of product.**

3. Either by teeing an existing 1/4" water supply line or by using the self tapping saddle valve included in the hardware bag, run and secure a 1/4" OD water line to the input side of the vacuum breaker. **NOTE:** Do NOT tee a supply line between a dispenser detergent solenoid and a detergent bowl. 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. A fitting for 1/8" compression comes installed in the rinse reservoir mounted to the outlet of the Solid Rinse Bowl. An extra fitting for 1/4" compression is included in the hardware bag. Switch fittings in the reservoir if necessary. The reservoir on the unit replaces the bucket for a liquid product. Connect the inlet side of the tubing to the bottom of the reservoir. The outlet side of the pump is connected as normal through a check valve to an injection fitting installed in the final rinse line after the machine vacuum breaker.

Water Pressure: Maximum - 40 PSI Dynamic - Minimum - 15 PSI Dynamic. Water pressure can be adjusted with an in line regulator to control the flow to the Viking Bowl.

Water Temperature: 110-140 Degrees Fahrenheit - The Viking Bowl is designed for use with solid or powered products. It accepts a standard 6" (100mm neck finish) jug. We also offer a five inch ring adaptor for a smaller diameter jug.

ELECTRICAL CONNECTION OF THE SOLID RINSE BOWL

CAUTION: Follow all mandatory electrical codes for the area of installation. Before making any connections turn the dispenser power off as well as the dish machine power. This unit runs on 24VAC. Always verify your voltages with a volt meter.

See Wiring and Power Supply Reference diagram below.

Installing on Viking PRO II, III, IV, and Pro V (DL or DP):

1. Open the lid of the dispenser so you are looking at the board with the lights on top. On the bottom left hand corner of the board, note where the wiring harness connects to the board. Counting wires from left to right, tap the third and fifth wires with the maroon t-taps and a pair of pliers. This is true for units with and without a pressure switch. Tap the wires at least 2" from the color coded headers. If tapping the loop (non-pressure switch unit) tap it in the center. Fold the maroon tap over the correct wire so that the connection is facing in the best direction for your installation, and close it with pliers until it snaps together.

2. Bring the two conductor wire from the Solid Rinse Bowl unit into the electronic warewash dispenser and crimp the pink male .250" quick disconnect terminals on the wires. Plug the wires into the maroon t-taps. With AC voltage, it doesn't matter which plug goes into which tap. If wiring for the dispenser was done properly, the solenoid for the Solid Rinse Bowl will be active only during the fill and rinse cycles and only when the float switch is calling for more product. When the reservoir is full, the float will turn off power to the solenoid. Depending on the rinse motor speed and tube size, the solenoid will not necessarily turn on during every final rinse cycle.

Installing on other manufacturer's dispensers:

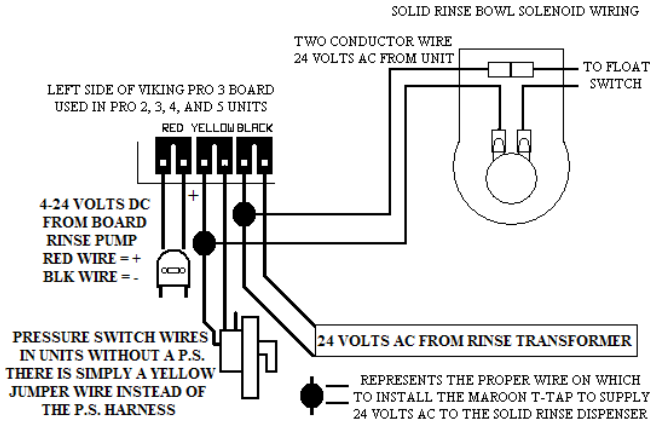
1. Locate and verify a 24 volt AC power source in the dispenser that is active only during the rinse cycle.
2. Tap the source wires with the maroon t-taps and pliers.
3. Bring the two conductor wire into the dispenser and crimp the blue male quick disconnects on the wires. Plug the QD's into the t-taps. With AC voltage, it doesn't matter which plug goes into which tap.

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.

WIRING AND POWER SUPPLY REFERENCE



GENERAL INSTALLATION REFERENCE