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RPI PART #VPK082 - SINK DRAIN ASSEMBLY INSTALLATION INSTRUCTIONS

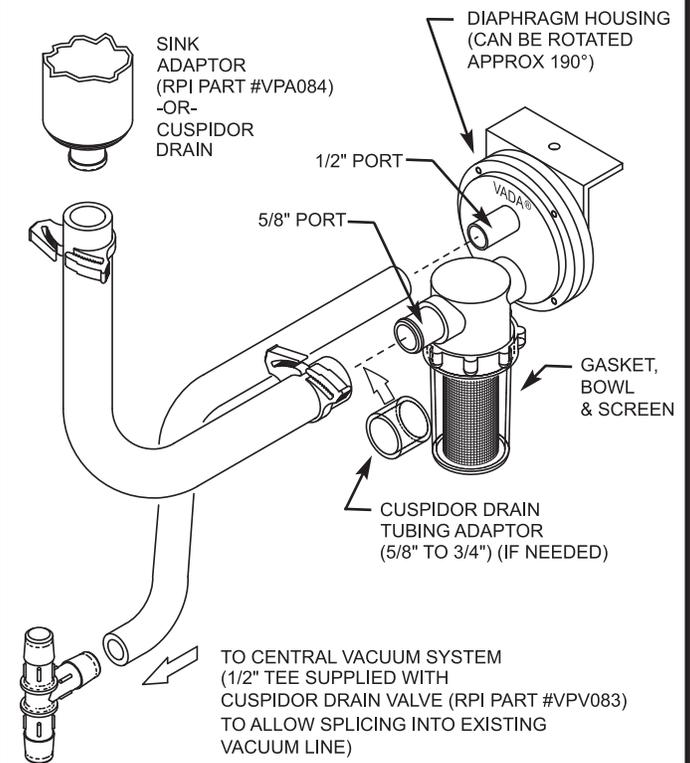
1. Mount the Sink Adaptor (RPI Part #VPA084) a minimum of 12" **below** the bottom of the sink on the 1-1/2" tailpiece.
2. Mount the VADA valve on the rear cabinet wall making sure the top of the valve is below the bottom of the sink adaptor. (Note: If the valve cannot be placed on the rear wall then it may be mounted in any suitable location below the sink adaptor. The diaphragm housing can be rotated to facilitate mounting. Always ensure that the drain housing is below the bottom of the sink adaptor for proper operation. Make sure there is ample room behind the valve for mounting the clean-out nipple tubing without kinking the tubing.)
3. Attach the tubing between the sink adaptor and the 5/8" port on the VADA valve. See **Figure A**.
4. Attach the 1/2" vacuum tubing to the 1/2" port on the VADA valve and install the other end to the existing central vacuum line. A 1/2" plastic tee is provided to allow you to splice into the existing central vacuum line. See **Figure A**.
5. Attach the small gray tubing provided to the clean-out nipple barb on the back of the VADA valve. Avoid kinks and folds in the tubing. Attach the clean-out nipple to the other end of the gray tubing and leave it in an easily accessible place for future use. See **Figure B**.
6. For cleaning and routine maintenance, see "**Cleaning Procedure**" below.

RPI PART #VPV083 - CUSPIDOR DRAIN VALVE INSTALLATION INSTRUCTIONS

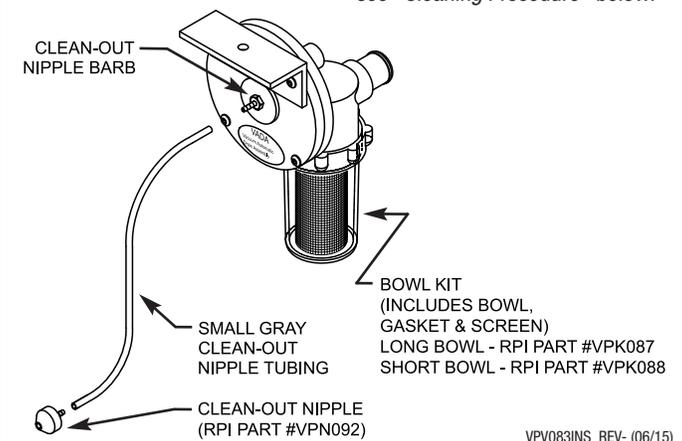
Note: The VADA valve will adapt to all makes and models of cuspidors on the market if the cuspidor and drain tubing are properly vented to permit unrestricted flow of waste to the valve.

1. Mount the VADA valve a minimum of 12" **below** the cuspidor bowl. It is suggested that you mount the VADA valve under the chair/delivery unit bracket or in the junction box. The diaphragm housing can be rotated to facilitate mounting the VADA valve.
2. Attach the 1/2" vacuum tubing to the 1/2" port on the VADA valve and install the other end of the vacuum tubing as close as possible to the existing central vacuum line. A 1/2" plastic tee is provided to allow you to splice into the existing central vacuum line. See **Figure A**.
3. Attach the cuspidor drain to the 5/8" port on the VADA valve. The VADA valve allows connection to either 5/8" or 3/4" drain tubing (a 3/4" tube adaptor is enclosed). See **Figure A**.
4. Attach the small gray tubing provided to the clean-out nipple barb on the back of the VADA valve. Avoid kinks and folds on the tubing. Attach the clean-out nipple to the other end of the gray tubing and leave it in an easily accessible place for future use. See **Figure B**.
5. For cleaning and routine maintenance, see "**Cleaning Procedure**" below.

**FIGURE A
VADA VALVE (FRONT VIEW)**



**FIGURE B
VADA VALVE (REAR VIEW)**



Cut along this line to review and leave bottom portion with medical office personnel.

DAILY CLEANING PROCEDURE FOR BOWL AND SCREEN TO ENSURE PROPER FLOW.

The clean-out nipple allows for the entire system to be easily cleaned or drained at the end of each day to ensure proper flow.

1. Hold the clean-out nipple up to one of the units HVE or SVE handpieces. This will open the VADA valve manually.
2. Flush the system with warm water (pour warm water down the sink or cuspidor).
3. Remove the clean-out nipple from the HVE or SVE handpiece and the VADA valve will return to normal operation.
4. Carefully place the clean-out nipple and tubing aside in an easily accessible location preventing kinks or folds in the tubing. **Important Note:** The tubing and clean-out nipple must remain open and clear at all times for the VADA valve to operate normally.

