

## MAINTAINING YOUR VERIPURE®

### MODEL: VP5000 (UNDER THE COUNTER/SEPARATE FAUCET)

When performing maintenance as recommended, you should enjoy years of excellent performance from your VeriPure® System. The LED indicator lights will confirm that your VeriPure® System is working properly or if your system is malfunctioning.



**INSTALLED VERIPURE®**



**LED READOUT**

There are two maintenance requirements for your VeriPure® System:

1. Change the filter cartridge assembly when indicated by the LED readout on your VeriPure® System.
2. Replace the Dielectric tube whenever you change your filters (included in your maintenance kit).
3. Refer to Maintenance Kit supplied by Badger-VeriPure, LLC on page 3.

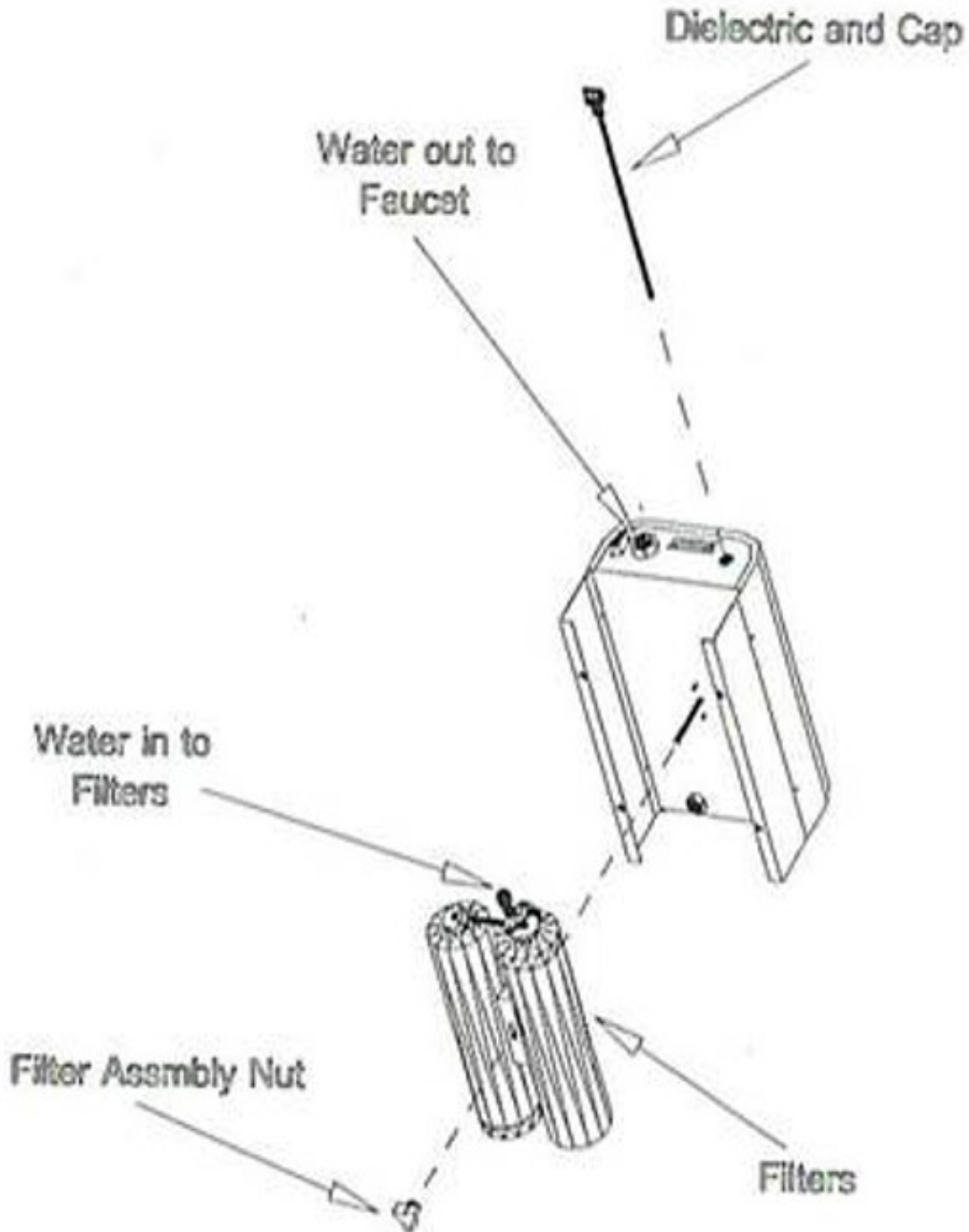
**CAUTION: REMOVE DIELECTRIC TUBE CAREFULLY AS STRAIGHT AS POSSIBLE TO PREVENT BREAKAGE.**

## A LOOK AT YOUR VERIPURE® SYSTEM

UNIT DIMENSIONS: 11.5" L X 6" W X 6.75" H    9.0LBS (4.05KG)

IT IS IMPORTANT TO BE FAMILIAR WITH CERTAIN COMPONENTS OF YOUR VERIPURE® SYSTEM FOR MAINTENANCE PURPOSES.

### DIAGRAM 1



Please Reference Part# **VERIVPC5000MAINTKIT**

- Replacement Maintenance Kits contain a two-stage filter cartridge assembly and one thermoplastic-capped borosilicate glass dielectric tube. Please follow replacement guidelines as referenced above.



## **Changing the Filters (VP5000)**

### **\*UNDER THE COUNTER MODEL\***

### **PREPARATION**

**NOTE:** To remove waterlines at the unit, you must first remove red locking clips. Next press each collar inward toward the unit using spanner tool, pulling hose simultaneously.

**CAUTION:** If you do not depress collar(s) before pulling hose(s), you can damage unit fittings. See Warranty Specifications.

1. **UNPLUG** your VeriPure® System unit from electrical connection before changing filter cartridges.  
**\*THIS STEP IS IMPORTANT, IN ORDER TO RESET YOUR VERIPURE UNIT.\***
2. Turn off the water supply to your VeriPure® system by turning the handle of the ball valve ( Angle Stop Tee) installed between the cold-water line and your VeriPure® System until it is perpendicular (90°) to the inlet (feed) line.
3. Relieve the pressure on the Veripure® System by opening the faucet until no water comes out. Then close the faucet.
4. Disconnect the 1/4" input line from the filter and 3/8" output line on your VeriPure® System using spanner tool provided in maintenance kit. (Refer to Diagram 1)

### **TO REMOVE THE FILTER CARTRIGES (VP5000)**

1. Place a towel/absorbent cloth on counter or work surface.
2. Remove unit from wall mounting plate by loosening screws. If unit is wall mounted, lift up and pull out from mounting plate.
3. Place unit face down on towel.
4. Unscrew the locking bolt in the center of the cartridge assembly (Refer to Diagram 1)
5. Using spanner tool, depress collar inward toward unit and pull filter assembly up. See previous CAUTION Statement.
6. Remove filter assembly by tipping then sliding filters out.
7. Dispose of the used filter assembly.

## Changing the Filters (VP5000) (CONTINUED)

### **\*UNDER THE COUNTER MODEL\***

#### **TO INSTALL FILTER CARTRIGES**

1. Slide assembly into unit housing matching the filter outlet to unit inlet and press firmly.
2. Be sure the filter assembly is seated on guide pins (Refer to Diagram 1).
3. Replace locking bolt and turn finger tight.

#### **RETURNING THE UNIT TO USE**

1. If wall mounted, line up mounting guide holes to guide bolts on mounting plate. Allow unit to seat into place, checking stability before releasing unit from your grip. Tighten screws on mounting plate.
2. Reconnect water lines by popping line into fitting until seats feel firm.
3. Replace red locking clip on larger line assembly.
4. Plug unit back in. **PRESS FILTER RESET BUTTON.**
5. Open ball valve to water supply. **Note:** Ball Valve is in open Position when valve is in-line with water supply line. **CHECK FOR WATER LEAKS AT CONNECTIONS, IF DETECTED PUSH TUBING TO SEAT FULLY.**

## CHANGING THE DIELECTRIC TUBE \*(VP5000&VPC5000)

**CAUTION:** The Dielectric Tube is glass and is fragile. Dielectric tubes are not designed for bending or to sustain impact.



**Dielectric Tube**

1. Make sure your VeriPure® unit remains unplugged.
2. Locate the Dielectric. (Refer to Diagram 1) page 2.
3. Rotate the Dielectric cap one quarter (1/4) turn **counterclockwise**, to unlock the Dielectric. You will feel a click.
4. **Slowly** remove the Dielectric tube from the VeriPure® housing by sliding the Dielectric out, IN A STRAIGHT LINE, until the Dielectric tube is completely separated from the VeriPure® housing.
5. The old Dielectric tube should be immediately discarded of into the trash/garbage. **DO NOT TOUCH THE GLASS BECAUSE STAINING FROM NITROGEN BY-PRODUCTS CAN STAIN THE SKIN.**
6. Carefully slide new Dielectric tube in place until the cap is flush with the VeriPure® Housing.
7. Rotate the Dielectric cap one quarter (1/4) turn clockwise until it locks in place.



**PROPER DIELECTRIC POSTION WHEN  
INSERTING OR REMOVING.**

## FLUSHING INSTRUCTIONS

1. Turn on the water supply and **FLUSH NEW FILTER CARTRIGES FOR 3 MINUTES**, running water through the system.
2. New filter assemblies may contain "Carbon Fines" and the water may briefly appear gray ,but will quickly disappear once flushed.
3. **IMPORTANT - CHECK THAT ALL WATER LINES ARE SECURE AND FIRMLY SEATED WITH NO EVIDENCE OF WATER LEAKAGE.** If a water leak is detected, REPEAT 'Returning Unit to use', Steps 2-4.

## TROUBLE SHOOTING GUIDE

At Badger-Veripure, LLC we expect your VeriPure® System to function properly for years as long as you perform the maintenance according to the prescribed schedule. However, the following table will help to identify any problem which may occur.

**\*\*NOTE:** The service technicians at Badger-Veripure, LLC are trained to address any undefined issues. Please call (920)613-6771 should you not be able to diagnose any problem.

**TROUBLE SHOOTING CHART LOCATED ON PAGE 7**

## TROUBLE SHOOTING CHART

<u>PROBLEM</u>	<u>POSSIBLE CAUSE</u>	<u>SOLUTION</u>
<b>NO OZONE</b>	NO POWER TO SYSTEM PLUG	CHECK POWER SUPPLY CORD IS SEATED INTO VERIPURE SYSTEM AND WALL OUTLET.
		RESET ANY GFI OUTLET RESET BUTTONS IN THE AREA.
		CHECK IN-HOME ELECTRICAL BREAKER.
	FILTER LIFE IS EXPIRED AND FILTER IS LIMITING WATER PRESSURE TO FLOW SWITCH.	CHANGE YOUR SYSTEM FILTERS
	WET GLASS DIELECTRIC	<b>*CAREFULLY*</b> REMOVE THE GLASS DIELECTRIC AND INSPECT FOR MOISTURE. IF WET, CONTACT VERIPURE 2425 Hutson Road Green Bay, WI 54303 920.613.6771
	DROP IN HOUSE OR MUNICIPAL WATER PRESSURE.	LOW WATER PRESSURE WILL NOT ALLOW YOUR SYSTEM OZONATION COMPONENTS TO TURN ON. REGAIN INCOMING WATER PRESSURE TO MINIMUM OF 50 PSI. CONTACT YOUR PLUMBER OR MUNICIPALITY.
<b>DROP IN OR NO WATER FLOW</b>	PLUGGED FILTER	CHANGE YOUR SYSTEM FILTERS.
	DROP IN HOUSE OR MUNICIPAL WATER PRESSURE.	CONTACT YOUR PLUMBER OR MUNICIPALITY.
<b>SYSTEM LIGHTS NOT ON</b>	NO POWER TO SYSTEM PLUG.	CHECK POWER SUPPLY CORD IS SEATED INTO VERIPURE SYSTEM AND WALL OUTLET.
		RESET ANY GFI OUTLET RESET BUTTONS IN THE AREA.
		CHECK IN-HOME ELECTRICAL BREAKER.
<b>PANEL INDICATION LIGHTS HAVE NOT RETURNED TO STANDBY</b>	MAY HAVE NOT UNPLUGGED POWER WHEN CHANGING FILTER/GLASS DIELECTRIC TUBE.	UNPLUG YOUR SYSTEM, WAIT 10 SECONDS PLUG BACK IN AND PRESS THE RESET BUTTON ON YOUR FRONT PANEL.