

Product Primer:

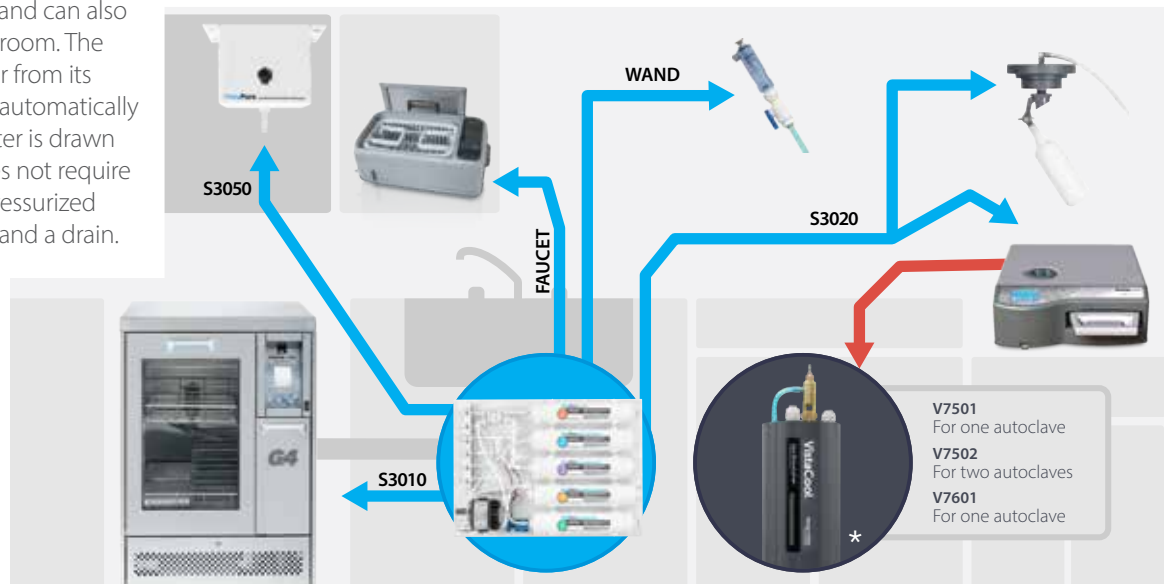
# VistaPure™

## What is it?

VistaPure is a water filtration system designed to produce two grades of high-quality water: distilled-quality water for use in autoclaves, and non-corrosive, low-TDS (Total Dissolved Solids) water for filling dental bottles, ultrasonic cleaners and for final rinse cycles in instrument washer-disinfectors.

The system is designed to be built into sterilization center cabinetry, and can also be installed in an equipment room. The system provides treated water from its pressurized storage tank and automatically replenishes this supply as water is drawn from storage. The system does not require electricity—it needs only a pressurized supply of potable cold water and a drain.

\*Contact Us for more information about our **VistaCool™ System**.



## Where can it be installed?

The VistaPure system and included tank are designed to fit in a base cabinet, but can be installed anywhere there is a quality cold water supply and drain connection.

The system board is designed for horizontal installation—typically on the right side of the inside base cabinet—and can be “flipped” to be installed horizontally on the opposite side, if necessary. Ideally, the system board and water storage tank should be installed at the same level, and located no farther than 10-12’ from where the wand and faucet will be used.

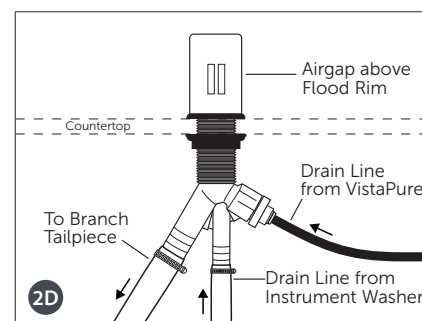
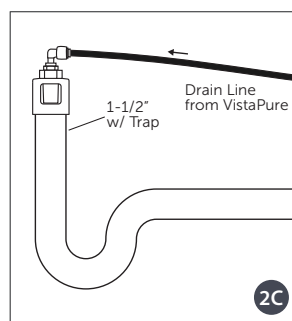
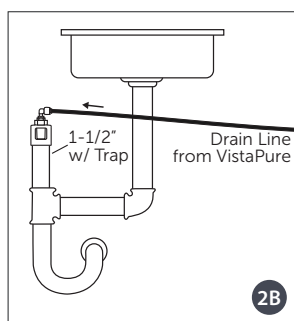
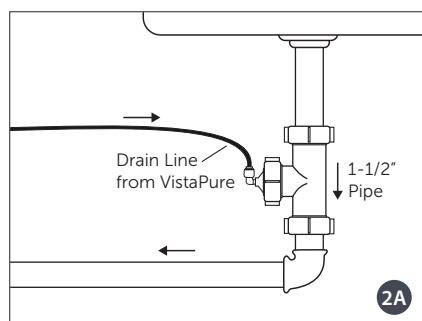
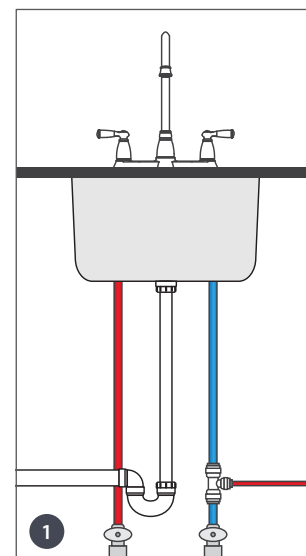
# Installation Requirements

## 1 1/4" connection to municipal cold water supply

- Source water should be free of sediment, and softened if hardness exceeds 10 grain/ gallon (or > 171 ppm).
- Inbound municipal water pressure should be between 40-100 psi.
- Adapter fittings for 3/8" smooth and braided supply lines are included.

## 2 Drain connection using 1-1/2" material with trap

- 1-1/2" utility tee with both 3/8" and 1/4" push-in fittings is included.
- Air gap accessories are available separately if required by local code authorities.



**Note:** Every VistaPure has a pressurized drain discharge and multiple check valves in the system to prevent backflow from drain connections. If additional backflow measures are required, a 1/4" VistaCheck Dual Check Backflow Preventer (VC250-A) can be installed on the red water supply line. VistaCheck is CSA-certified for supply lines in the USA and Canada.

## Wand & faucet placement:

The included "wand" that dispenses deionized water for filling autoclaves is typically mounted with the included clip and mounting screws near a sterilizer tower, up to approximately 15' away from the system board. The wand is connected to the system board by both a 12' section of smooth, blue 1/4" tubing and a 10' section of coiled, blue 1/4" tubing. The union adapter that joins these sections should be secured to a solid surface using the included mounting zip tie.

The included faucet that dispenses hyperfiltered water for bottle filling should be mounted on the sink or countertop deck in the sterilization center. Even if not used for filling bottles, the faucet should still be installed for a convenient way to depressurize the system for routine maintenance. The faucet, a 6' section of white 3/8" tubing, and a 3/8" push-type faucet connector fitting are included.

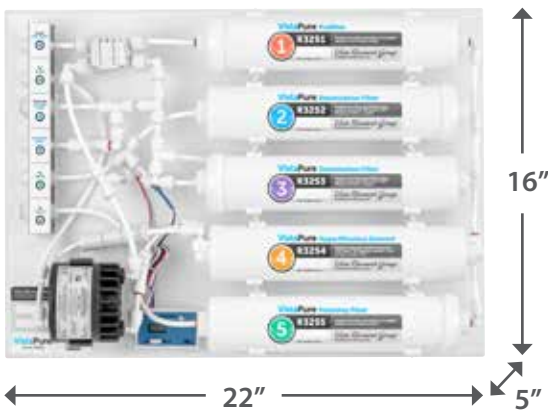




## Storage Tank(s):

- VistaPure's standard storage tank (included) has a net capacity of approximately 4.25 gallons (16 liters). Because the system produces more water automatically as water is drawn from storage, this tank size is sufficient for most practices.
- For high-volume practices, a larger (9.5-gallon/ 36-liter net storage capacity) tank is available, and/or multiple storage tanks can be utilized with one system, if necessary.
- Any storage tank(s) should be installed on the same level as the system board.

## Space Requirements



### 4.25 Gallon Net Storage Tank S9111

STANDARD

12" Diameter x 18.25" H

### 2.5 Gallon Net Storage Tank S9110

OPTIONAL

11.125" Diameter x 16" H

### 9.5 Gallon Net Storage Tank S9113

OPTIONAL

15.5" Diameter x 25" H

## Optional Accessories

### HYDRIM® VistaPure Connection S3010

Protect expensive instruments and equipment by using VistaPure's hyper-filtered water for the final rinse cycle of instrument washers like the HYDRIM.

### AutoFill for STATIM® S3020

Deliver distilled-quality water to your STATIM autoclave automatically. You'll never have to fill your STATIM manually again!

### BottleFill Remote Water Dispenser S3050

Offers the flexibility to choose the optimal placement for bottle filling by mounting securely under an upper cabinet anywhere in the steri-center.



# Filter Replacement

Maintaining the VistaPure system is simple and requires only periodic checks of water quality (with the provided TDS meters) and appropriate filter changes.

**Please note:** it is NOT typically necessary to change all of the VistaPure filters at the same time. The Prefilter and Polishing filter should be changed at least once per year, and the Deionization and Hyperfiltration filters changed only as needed, as indicated by TDS test.

## Filter Position & Replacement Thresholds

- 1

**Prefilter (R3251)**  
Replace this filter annually or as needed based on local water quality.
- 2

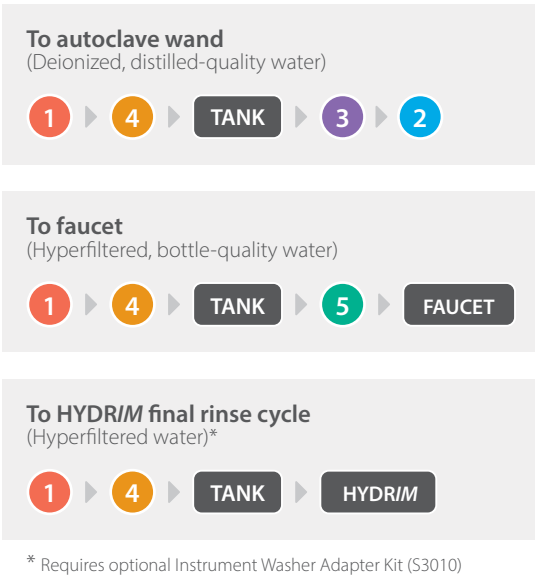
**Deionization Filter (R3252)**  
Replace this filter and R3253 when system-mounted TDS meter "OUT" displays number  $\geq 4$  ppm.
- 3

**Deionization Filter (R3253)**  
Replace this filter and R3252 when system-mounted TDS meter "OUT" displays number  $\geq 4$  ppm.
- 4

**Hyperfiltration Element (R3254)**  
Replace whenever system-mounted TDS meter "IN" displays number  $> 10\%$  of source water TDS.
- 5

**Polishing Filter (R3255)**  
Replace this filter annually or as needed based on local water quality.

## System Flow



## Average Filter Replacement Cycle

Filter	12 mo	24 mo	36 mo	48 mo	60 mo
R3251	X	X	X	X	X
R3252*		X	X		X
R3253*	X		X		X
R3254				X	
R3255	X	X	X	X	X

\* Assumes deionization filters will be replaced every 18 months on average. Ultimately, actual filter lifespan depends upon local water quality, inbound water pressure and volume of water used.