VistaCheck™

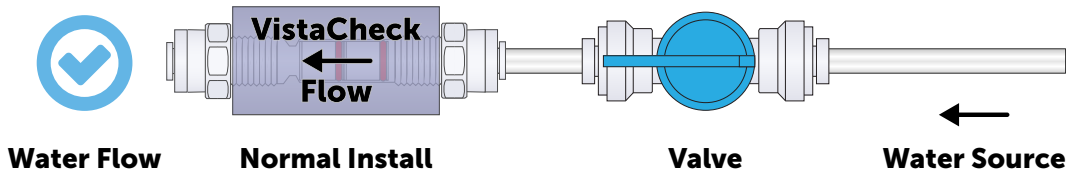
Testing Procedures

VistaCheck Dual Check Backflow Preventers are testable by several different methods. Some local code authorities or inspectors may require testing prior to installation and/or periodically.

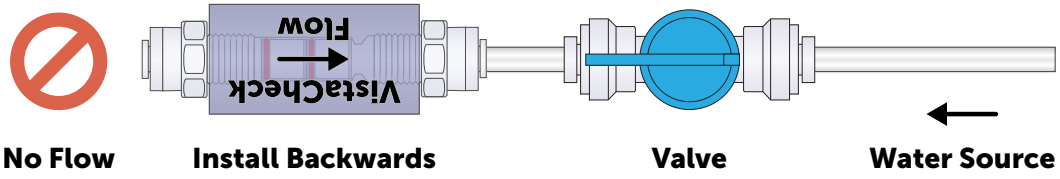
Test Method #1

Simply connect the VistaCheck to either 1/4" or 3/8" O.D. supply tubing and run pressurized water to the unit.

1. Connect the water supply inlet tubing to the inlet of the VistaCheck then turn on the water to make certain it flows correctly through the unit. If okay, turn the water supply off and remove the VistaCheck from the supply tubing by pushing in on the collets and pulling the tubing out.



2. Flip and connect the water supply inlet tubing to the outlet of the VistaCheck (purposely install it backwards) then turn on the water to make certain the dual checks stop the flow of water. If okay, turn the water supply off and remove the VistaCheck from the supply tubing by pushing in on the collets. In this step, there will be some pressure built up on the check valves so pushing the collet may be harder.



NOTE:
If a VistaCheck allows water to flow through in step 1 and stops water flow in step 2, the VistaCheck is working properly. Repeat Steps 1 and 2 for all VistaChecks to be installed.

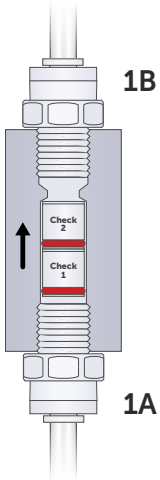
Test Method #2

Testing a VistaCheck in place on either 1/4" or 3/8" O.D. supply tubing where already installed. This testing procedure will not expose the system to outside contamination.

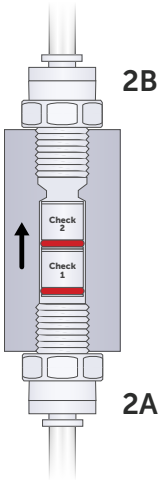
1. Start with the VistaCheck in the normal pressurized service position. This means that the source water inlet valve is open and the outlet downstream of the VistaCheck is closed. In the service position there will be pressure throughout the entire system.

2. Close the water inlet valve and relieve the pressure on the inlet side of the VistaCheck.

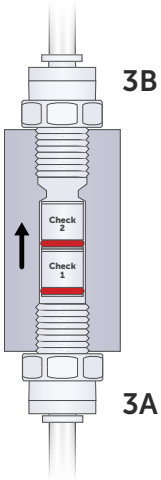
Examine the ends of the VistaCheck. It is designed with collets on each end that move away from the white fitting body when the fitting is under pressure. When there is no pressure in the fitting, the collets can be easily pushed against the fitting body. Please see the diagrams below that show the position of collets under various pressure conditions.



No Pressure on Either End
Collets can be easily pushed against fitting body



Full Pressure on Both Ends
Collets can not be easily pushed against fitting body



Pressure on 3B; None on 3A
Separation of collet and fitting at 3B means check valve is working

3. Attempt to push the collet on the outlet side of the VistaCheck (position B) back against the fitting body. If there is strong resistance or the collet cannot be moved, this indicates that the check valve is working properly since pressure from the line running to the service point is still present. If the collet can be pushed back against the fitting body at position B, that check valve is not working properly and should be examined for damage or an obstruction immediately then repaired or replaced.

NOTE:
Repeat this test procedure on each VistaCheck to ensure they are working properly then open the inlet source water valve to restore water pressure. Instead of testing in place, each VistaCheck can be removed from service and tested individually as in Test Method #1.

VistaCheck Annual Test Record

Record your test results in the chart below. There is room for data on this form for up to four (4) check valves per page. It is suggested that you make a copy of this blank form and keep it as a master. Record your data on the copy and keep both in a safe place for future use.

- If a check valve passes the test, mark "OK" in the appropriate check valve column box in the chart.
- If a check valve fails the test, mark "FAILED" in the appropriate check valve column box in the chart, perform the repair or replacement and record the action in the VistaCheck Maintenance Record chart in this document.

		VistaCheck Serial Number			
Date	**Tested By**	S/N	S/N	S/N	S/N

VistaCheck Maintenance Record

VistaChecks should be tested according to local code or on a regular basis as determined by the user to make certain they are working properly. See the testing section in this document for step-by-step details on the procedure. It is suggested that you make a copy of this blank form and keep it as a master. Record your data on the copy and keep both in a safe place for future use.

- If a check valve fails during the annual test, perform the cleaning, repair or replacement and describe the action in the chart below.

Date of Action	Performed By	Date of Failed Test	VistaCheck Serial #	Describe Action in Detail (Cleaned, Repaired, Replaced Cartridges, Replaced Entire Valve, etc.)

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