

VIAgap™ is a certified plumbing water fitting designed to prevent backsiphonage while receiving a single drain line from various types of appliances and devices including reverse osmosis systems, water softeners, whole house water filters, medical devices, condensate lines, overflow lines and more.

Standards Certification & Compliance

✓ **QAI-Certified Product**

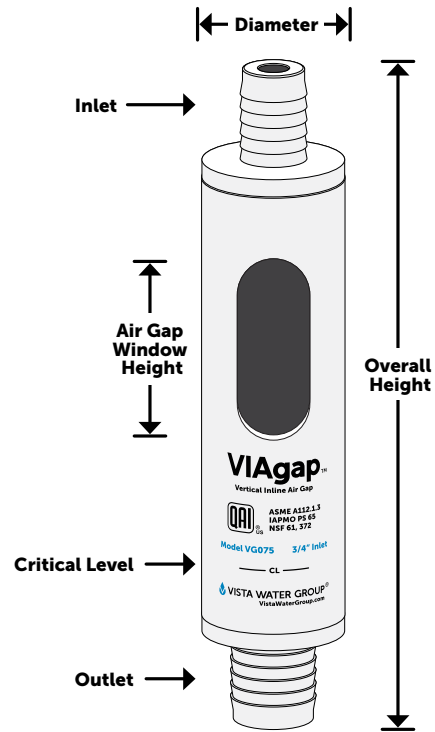
- ASME A112.1.3
- IAPMO PS 65
- Meets NSF 61, 372

Notices to Installer / Owner

- Always follow local plumbing/building codes
- Read all instructions prior to installing
- Keep these instructions for future reference
- Protect from freezing temperatures
- Install in an accessible location for servicing
- Flush debris from piping prior to installation
- Never solder on or near PVC material
- Never overtighten clamps or side stress barbs

Warranty

Vista Water Group, LLC (VWG) warrants VIAgap Vertical Inline Air Gaps to be free of defects in materials and workmanship when properly installed for one (1) year from the date of installation. Covered product must be returned to the address below freight prepaid and, if found defective, will be repaired or replaced free of charge at VWG's sole discretion. VWG's liability shall be limited to the agreement to repair or replace the covered product.



Barb Ports

The inlet and outlet connections are standard size hose barbs but can also be installed using standard PVC male adapters, female adapters and couplings as shown in the "Typical Installations" within this manual.

Specifications				
Model Number	VG025	VG038	VG050	VG075
Material	PVC			
Inlet	1/4" Barb	3/8" Barb	1/2" Barb	3/4" Barb
Outlet	3/8" Barb	1/2" Barb	3/4" Barb	1" Barb
Diameter	0.84"	1.05"	1.32"	1.90"
Overall Height	5.30"	6.25"	7.63"	9.00"
Air Gap Window Height	1.25"	1.50"	2.00"	2.50"
Weight	1.2 oz	2.0 oz	3.6 oz	7.8 oz
Max Recommended Flow Rate	1.5 gpm	4.0 gpm	8.0 gpm	16.0 gpm
Max Operating Temperature	140° F			
Typical Medium	Water			
Vertical Orientation	Yes			
Continuous/Intermittent PSI	Yes			
Continuous/Intermittent Flow	Yes			

Installation Procedure

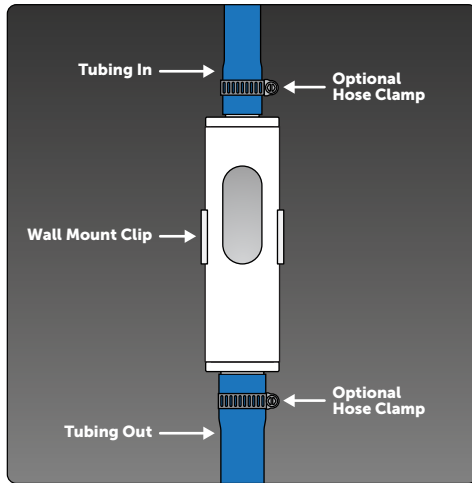
VIAGap™ can be installed in various ways including Wall Mount, Standpipe Mount and Full Inline Pipe Mount. See the Installation Options below. Each VIAGap unit comes with a mounting clip.

Proper Installation for Barb Fittings

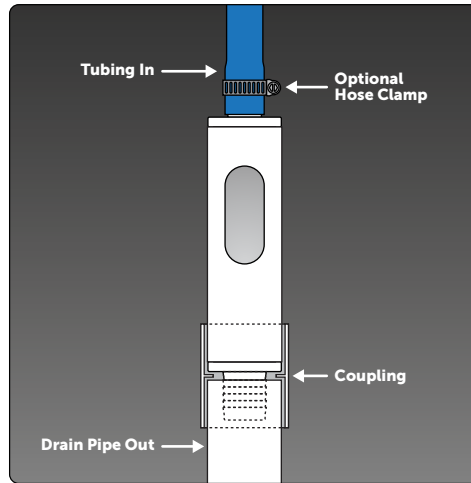
VIAGap comes with integrated barb fittings on both the inlet and outlet are not removable. The outlet barb is always larger than the inlet barb. For example, a 3/8" inlet has a 1/2" outlet; a 3/4" inlet has a 1" outlet, etc. We recommend using stainless hose clamps over the tubing for extra security.

Installation Options

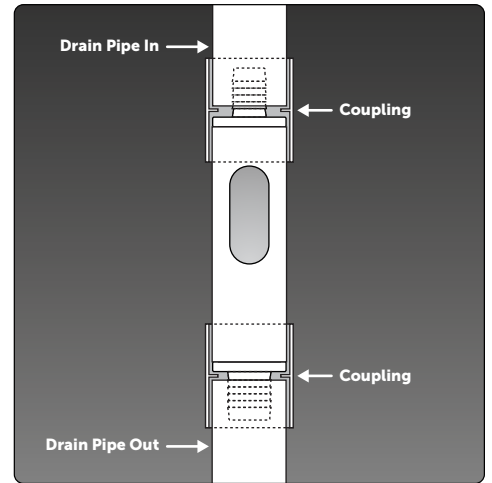
VIAGap bodies are constructed from standard schedule 40 PVC pipe so they can be used with many kinds of fittings. For example, a standard installation would be to mount the VIAGap on a wall beside the reverse osmosis unit, softener or whole house filter. However, they can also be fastened (glued or friction fit) to a standpipe using a coupling or female/male adapter or even made into a full "inline" pipe mount as shown below. In all cases, the barbs remain in the VIAGap unit and easily slip into couplings and adapters of the same size as the VIAGap body.



Wall Mount

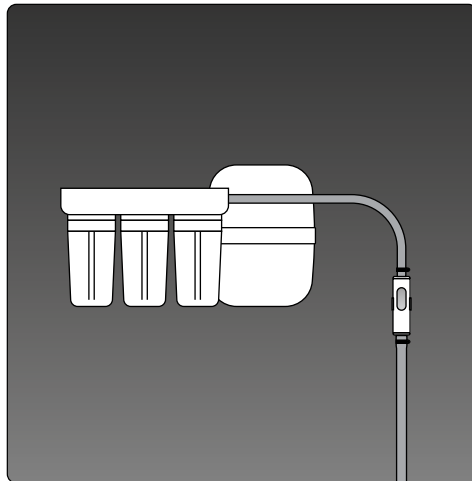


Standpipe Mount

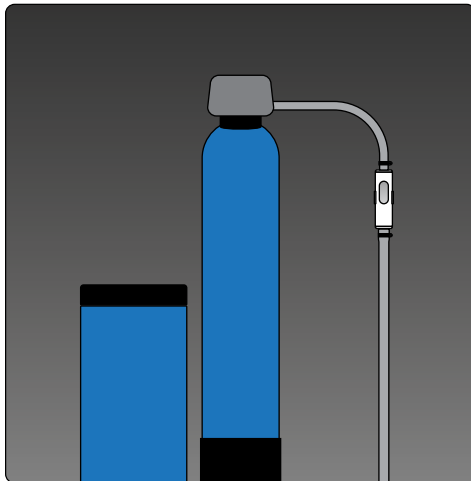


Full Inline Pipe Mount

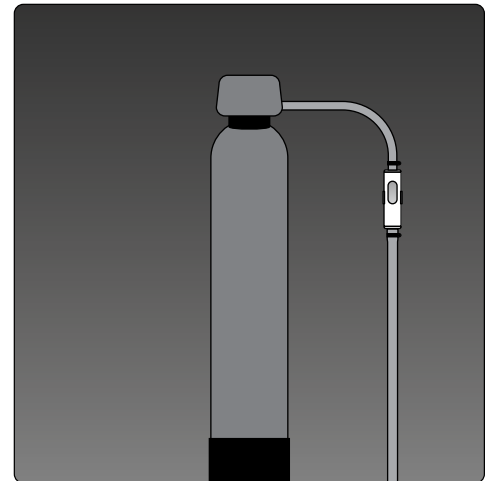
Although VIAGap units can be used with many types of devices requiring drains like RPZs, condensate lines, and drain lines from specialty equipment, below are very typical applications.



VIAGap with Reverse Osmosis



VIAGap with Water Softener



VIAGap with Whole House Filter