

DrainGap™

Multi-Port Drain Adapter with Air Gap

PATENTS PENDING



DrainGap® is a certified plumbing water fitting that can receive multiple drain lines from various types of appliances and devices. Its ½" Female NPT injection-molded ports accept a wide variety of thread-in compression, push-to-connect, and hose barb adapter fittings. It has an integrated two-stage air gap that is IAPMO PS 65 certified for both backsiphonage and backpressure and meets requirements in all jurisdictions.

Specifications	
Model Number	DH154-AG
Material	White PVC
Inputs	½" Female NPT (Qty 4)
Max Operating Temperature	140° F
Max Flow Rate - Backsiphonage	11 gpm
Max Flow Rate - Backpressure	11 gpm
Max Operating Pressure	N/A
Typical Medium	Water
Vertical Orientation	Yes
Continuous or Intermittent PSI	Yes

Standards Certification & Compliance

✓ UPC-Listed Product

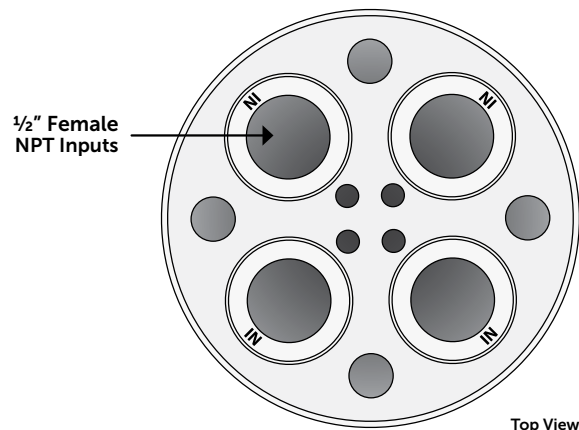
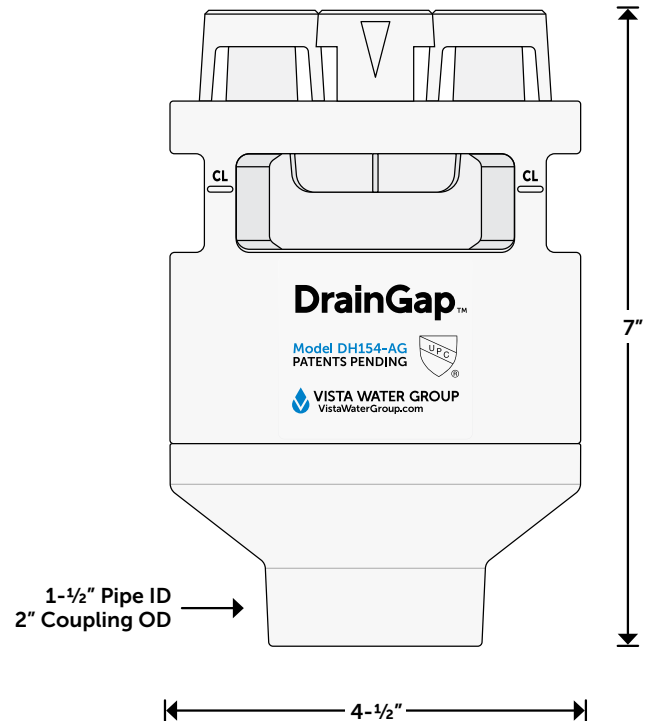
- IAPMO PS 65
- ASME A112.18.2 / CSA B125.2
- NSF 14, 61, 372 Compliant
- ASTM D2665 (PVC)
- ASTM F1498 (Threads)

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 fittings into valve ports

Warranty

Vista Water Group, LLC, (VWG) warrants DrainGap 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.



Threaded Ports

All DrainGap units feature female NPT inlet ports for maximum flexibility and inventory control. Hundreds of fittings can be used to suit various installation requirements. See detailed instructions on the reverse side of this page for proper installation of male NPT fittings into female ports.

Installation Procedure

Specific installation steps will vary based on the application or use of DrainGap for water conditioning wastewater applications and can be used with the following:

- Water Softeners, Water Filters, Reverse Osmosis, Deionization and Dialysis Systems

Typical markets that can use DrainGap for water conditioning equipment include:

- Residential
- Commercial
- Industrial
- Healthcare
- Food Service
- Hair Salons & Spas

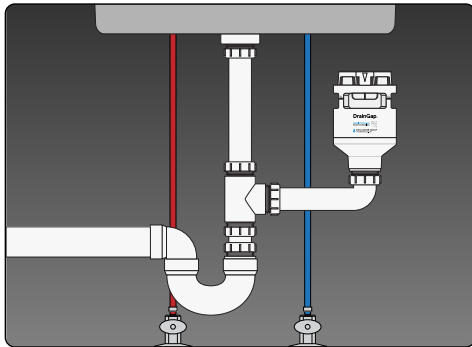
See the following diagrams for more details.

Proper Installation of Male NPT Fittings

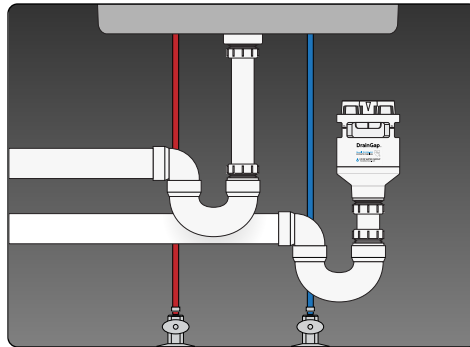
Tapered threads are “free running” until the male and female thread paths fully wedge to form a seal. Turning past “free running” will increase stress, especially on the female fitting. **Never over-tighten fittings.** The proper way to assemble an NPT joint (especially for PVC fittings) is to use a compatible thread sealant paste or tape then never tighten more than one or two full turns beyond “finger tight.” Further, the connections made to DrainGap units are not under water pressure conditions so there is no need to over-tighten.

Please note: because connection requirements vary widely, the Male NPT fittings necessary for proper installation are not included with the DrainGap. Simply select the appropriate, commonly available Male 1/2” NPT fittings for the installation.

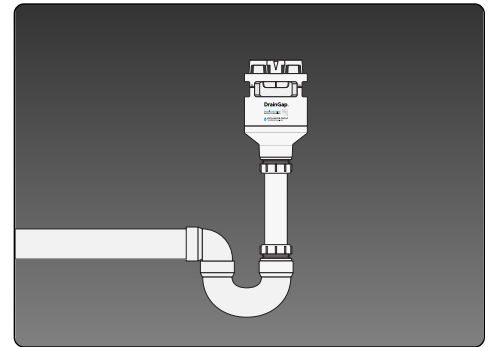
Typical Installations



Tee Off Tailpiece

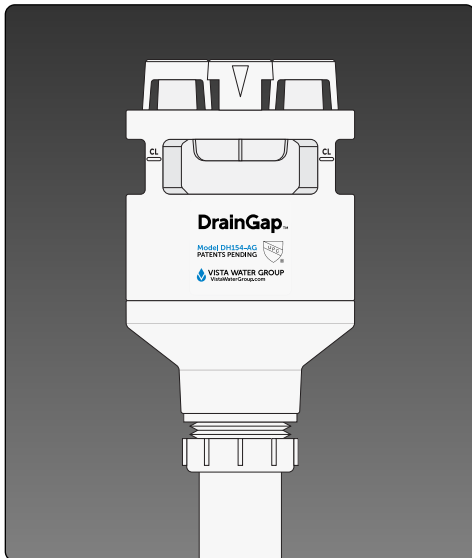


Parallel Drains

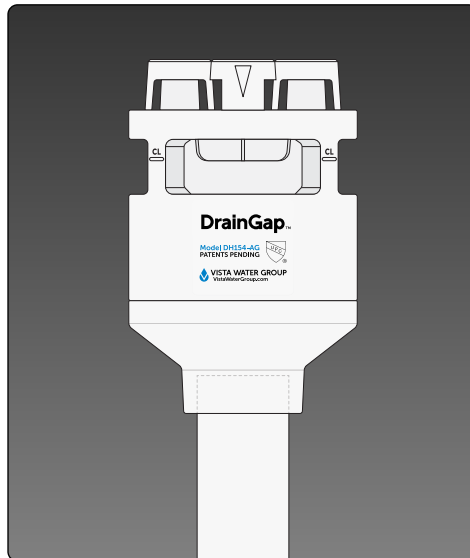


Standpipe

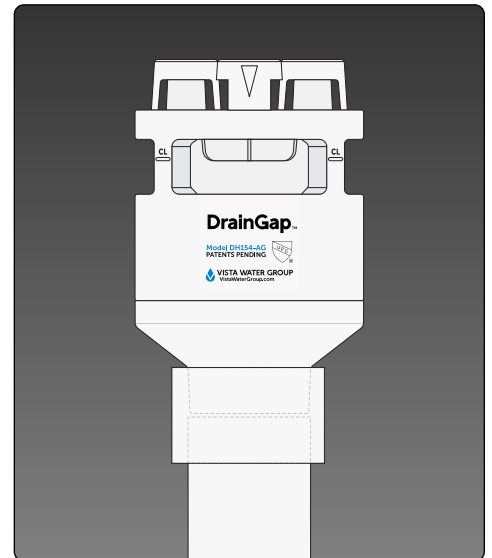
Connection to Waste Lines



Can Be Connected with Trap Adapter



1-1/2" Pipe Fits Inside Hub



Hub Fits Into 2" Coupling



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