

7. Often the steel pipes have a weld “seam” protruding on the inside. The AG130-001 can be rotated, so the “seam” falls into the open area of the lower mounting portion. You can also cut and remove a small lengthwise segment of the lower mounting skirt. Four lengthwise “marker” grooves are provided at the bottom outer skirt. When installing an air gap on a tight metal pipe, then use a hacksaw and make 2 or 3 slits not more than 3/4-inch long. Slide the air gap down until it is seated on its ledge and is vertical.

8. Good plumbing practice dictates that all piping should be adequately and securely clamped. Securing the connecting piping is the most critical where poly tubing is being used and is inserted directly into the inlet ports. To be sure the poly tubing remains fully inserted within the ports, use at least two secure fitting tubing clips on each connecting tubing. Preferably the tubing clips should be no more than about 6” to 8” apart, and the first clip should be no more than 12” from the large port and no more than 6” to 8” from the small inlet port.

9. Properly installed AG130-001 rests upright and fully seated on its outer ledge or its interior stop. The connecting piping should not add bending or tilting force at the inlet ports. Please make sure to secure all inlet piping.

10. The small push-in elbow shown in Fig. 2 can be rotated over 180 degrees, and the large dual barb elbow can be rotated 360 degrees. The air gap's housing can be rotated as desired during installation. It is best to have a clear view of the air gap to ensure proper operation and easy access for cleaning.

11. The top vent openings in the air gap enable visual observation of the air gap's performance. Use a flashlight for easy inspection.

12. When using barb style adapter, as shown in Fig.2, it is recommended to install a suitable clamp over the tubing to assure leak-free operation.

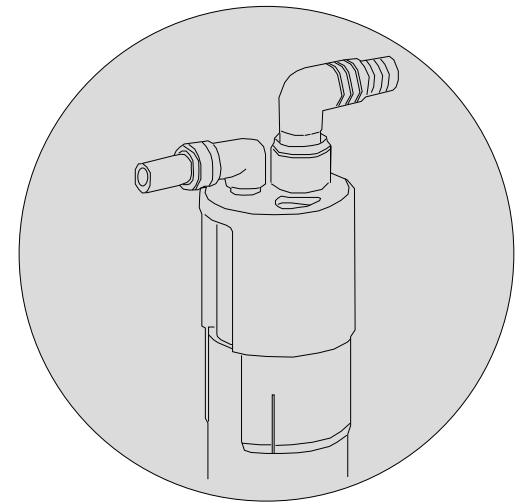
13. Figures 1, 2, 3 illustrate the usage of AG130-001 with if various optional fittings.



**Model:**

**AG130-001**

## **DUAL WATER SOFTENER & RO AIR GAP**



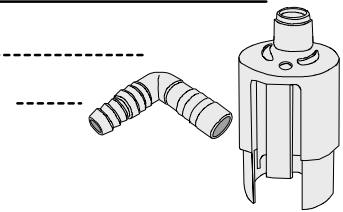
Old Part Number:  
8500, GAP-CAP™

# AG130-001

## Installation Procedures [Read all instructions prior to installation]

### LIST OF PARTS ENCLOSED

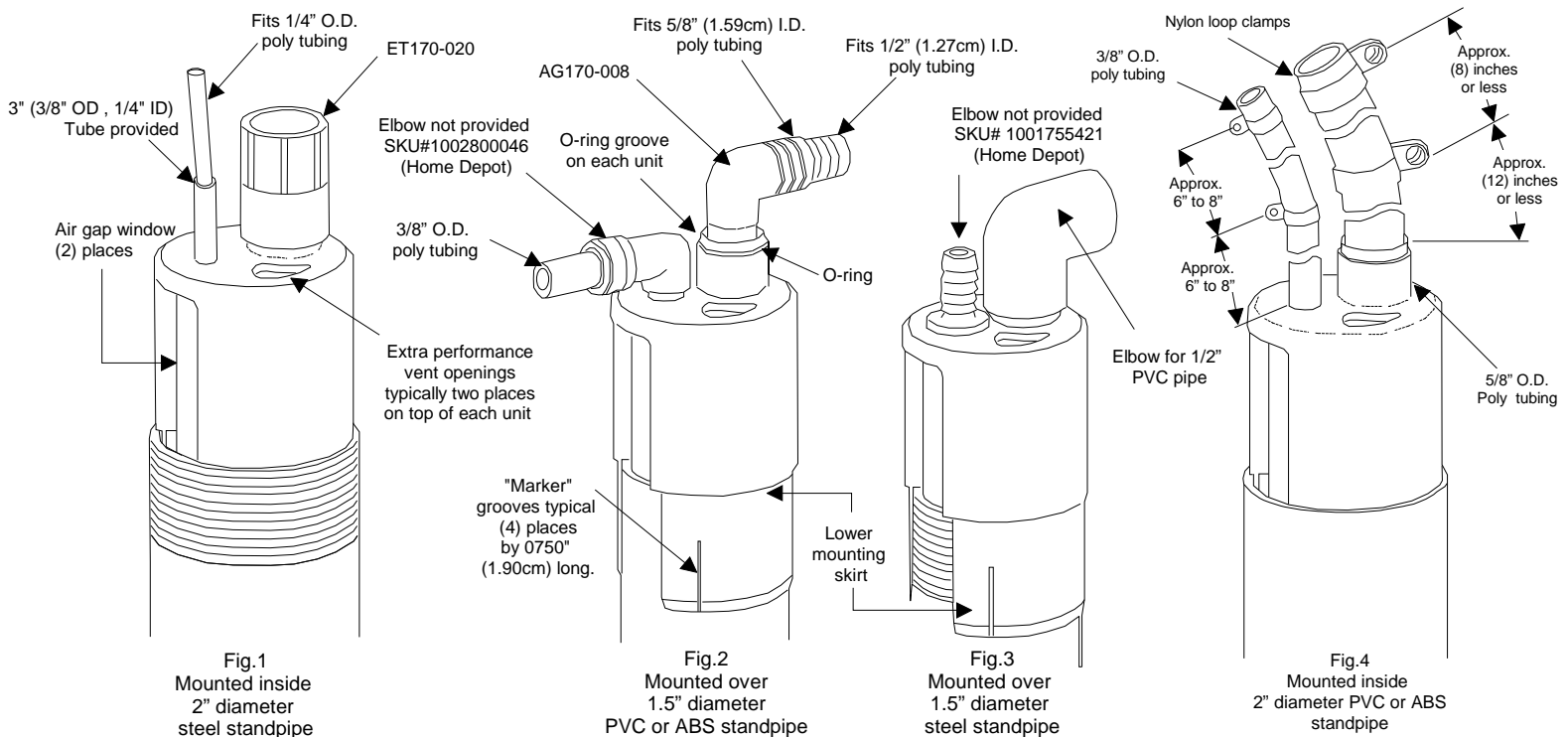
- 1 – Dual air gap -----  
 1 – AG170-008 (Dual barb Elbow, 5/8" barb x 1/2" and 5/8" barb) -----  
 1 – 3" (3/8" OD , 1/4" ID) Polyethelene Tubing -----



**Never connect the AG130-001 air gap unit and AG170-008 barb fitting to potable water piping and never directly attach these items to potable water, water treatment equipment.**

Please read the instructions once through before starting.

1. The figures below show typical standpipe installations for the AG130-001 air gap.



2. The AG130-0001 design allows the air gap to be conveniently mounted on the top of a home or commercial drain standpipes. The AG130-001 must be mounted vertically and fully inserted into the top of the standpipe. The AG130-001 installs in or over 1-1/2" or 2" the standpipe to create a secure, but easily removable mounting when it is not glued in place.

3. The AG130-001 is a single-piece molded air gap made from high impact styrene. Typically no gluing is necessary to install this air gap; however, when installed on PVC or ABS, standpipes use a suitable PVC or Combination PVC-ABS-Styrene glue. The AG130-001 air gap must be used only on dedicated standpipes.

5. The AG130-001 design will fit onto both 1-1/2-inch and 2-inch diameter standpipes. The standpipes can be plastic or metal. Metal standpipes can be threaded or unthreaded.

4. The AG130-001 design offers many options for connecting the inlet ports, including the most economical choice of using no inlet fittings. Use the 3/8" O.D. and 5/8 O.D. polyethylene tubing by cutting the end square and fully inserting it into the appropriate inlet port. Utilize sharp cutting blade, then round the end of the tube if it is out of round due to cutting. Make sure to clamp tubing, as shown in Fig.4.

6. An inlet, dual barb elbow with flow straightener, is supplied with AG130-001. It installed into the large port and connected to water softeners and other devices with similar flow rates. The small inlet port is intended for low flow rates, as encountered with RO water systems. The small port will accomodate a 3/8-inch O.D. tube. When a connection to 1/4-inch O.D. tube required, then use provided 3/8-inch diameter and 3-inch long tubing.