

AG130-001

Installation Procedures [Read all instructions prior to installation]

LIST OF PARTS ENCLOSED

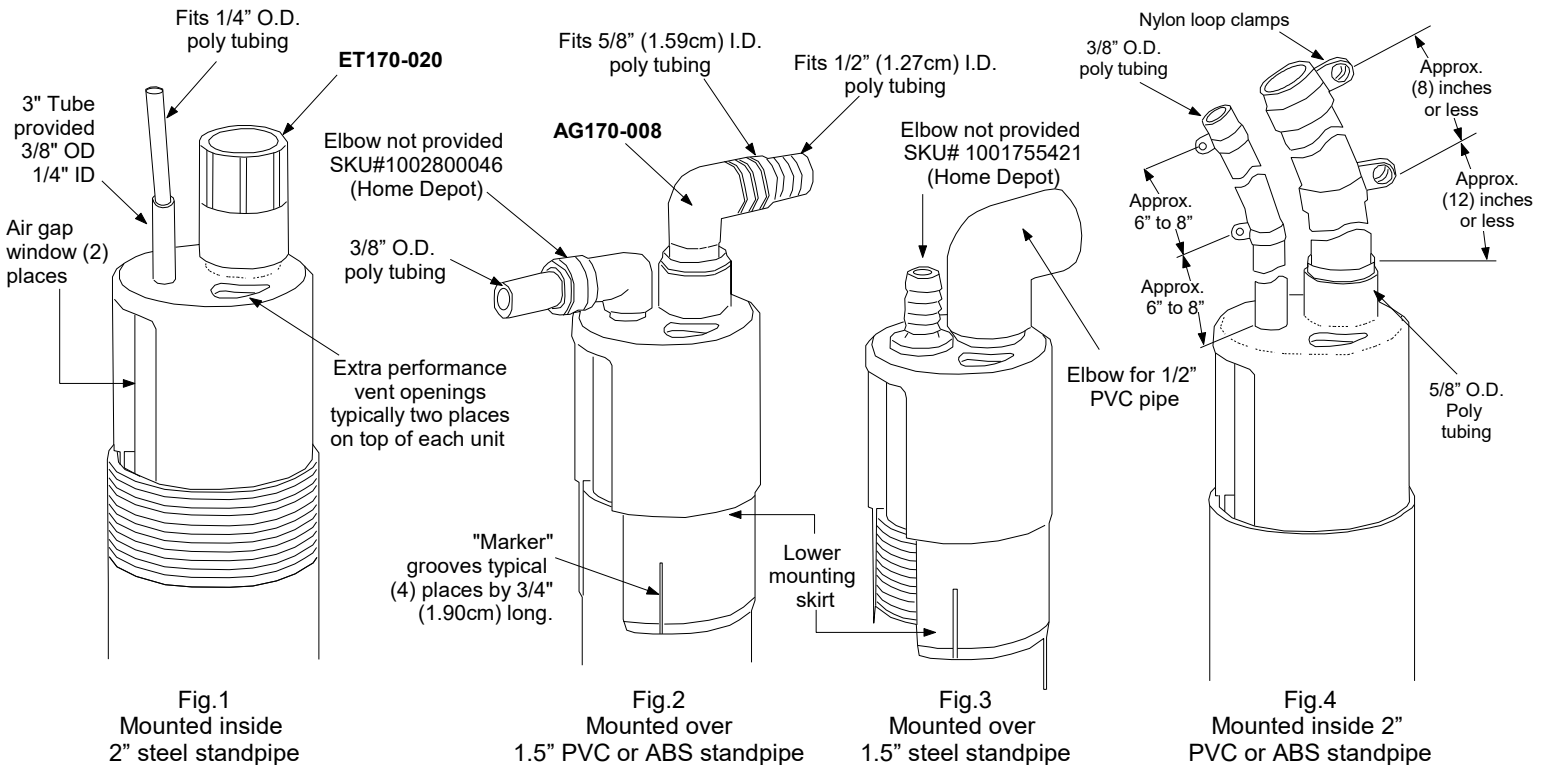
- 1 – Dual air gap — — — — —
1 – AG170-008 (Dual barb Elbow, 5/8" barb x 1/2" and 5/8" barb) — — — — —
1 – 3" (3/8" OD , 1/4" ID) Polyethelene Tubing — — — — —



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 a home or commercial standpipe. Mount vertically and fully insert into the standpipe. The AG130-001 installs over a 1-1/2" pipe or inside a 2" 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.

4. The AG130-001 fits onto plastic or metal standpipe. Metal standpipes can be threaded or unthreaded.

5. The AG130-001 offers many options for connecting inlet ports, including the most economical choice of 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 using a sharp blade. Make sure to clamp tubing, as shown in Fig.4.

6. A dual barb elbow with flow straightener is included and installs into the large port for water softeners and devices with similar flow rates. The small inlet is intended for low flow rates like RO systems. The small port accepts a 3/8-inch O.D. tube. For 1/4-inch O.D. tube, use 3/8-inch adapter tube as in Fig. 1.

7. Some steel pipes have a weld “seam” protruding on the inside. Rotate the AG130-001 so the “seam” is in the open part of the mounting area. Optionally, there are 4 vertical “marker” grooves on the bottom skirt. On a very tight metal pipe, use a hacksaw to make 2 or 3 slits not more than 3/4-inch long at these grooves and then install the air gap.

8. Good plumbing practice dictates all piping should be adequately and securely clamped. Secure all tube/pipe especially where poly tubing is inserted directly into the inlet ports.

To be sure the tubing remains fully inserted in the ports, use at least two secure fitting clips on each tube. Preferably no more than about 6” to 8” apart. The first clip should be no more than 12” from the large port and 6” from the small port. See Fig. 4.

9. Properly installed, the AG130-001 is vertical and fully seated on its outer ledge or interior stop. Tube/pipe should not add bending/tilting force on the ports. Make sure to secure all inlet piping.

10. The push-in elbow shown in Fig. 2 can be rotated over 180° and the large dual barb elbow can be rotated 360°. The air gap can be rotated as needed for installation. If possible, leave air gap opening visible to ensure proper operation and 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 and 4 show several installations of the AG130-001. Determine the closest to your installation for planning and prep.

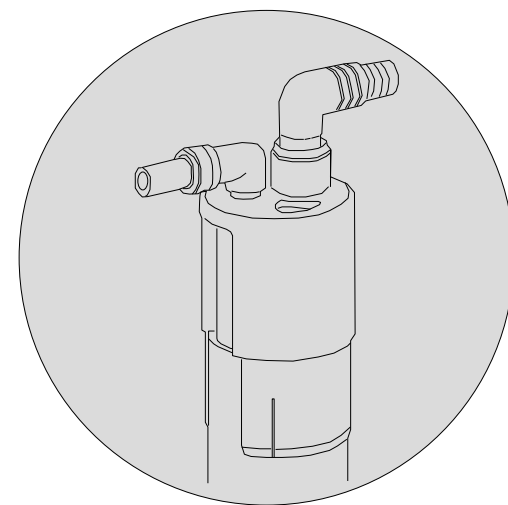


Placentia, California



Model:
AG130-001

DUAL WATER SOFTENER & RO AIR GAP



Old Part Number:
8500, GAP-CAP™



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