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1-AVCW Air Vent

Installation and Maintenance Manual

**Please read and save
these instructions**



Typical Installations

This bulletin should be used by experienced personnel as a guide to typical installations of the Model 1-AVCW Air Vent. Selection or installation of equipment should always be accompanied by competent technical assistance. We encourage you to contact Armstrong International or its local representative if further information is required. To obtain a copy of a complete installation and maintenance bulletin, contact Armstrong International.

Caution: Do not use channel locks or pipe wrenches on the clear polysulfone body! Hand Tighten Only!

For chemical resistance of polysulfone, please contact Armstrong International.

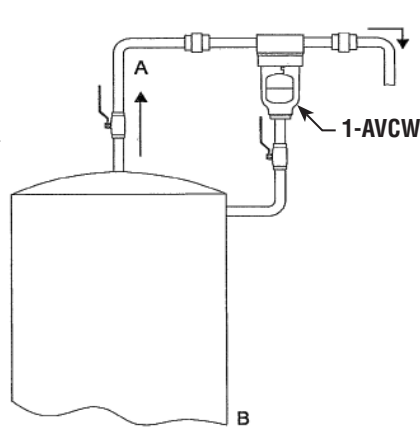


Figure 1.
Continuous venting with an equalizing line where large amounts of air must be vented. As air enters Line A, water leaves through Line B. **Note:** Remove plug from cap in this installation.

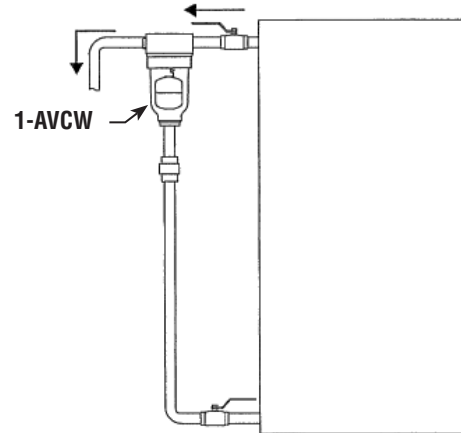


Figure 2.
Automatic air vent discharging surplus air from water storage tank. **Note:** Remove plug from cap in this installation.

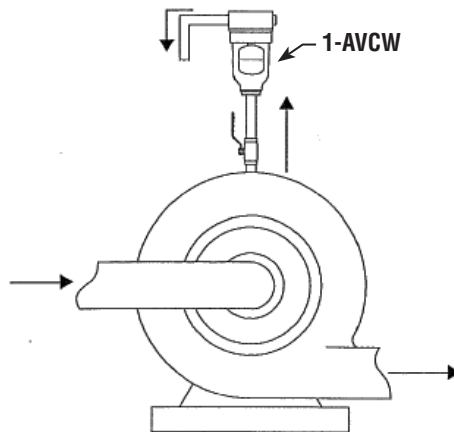


Figure 3.
Automatic air vent on centrifugal pump. A full ported 3/4" valve and pipe must be used.

Typical Installations

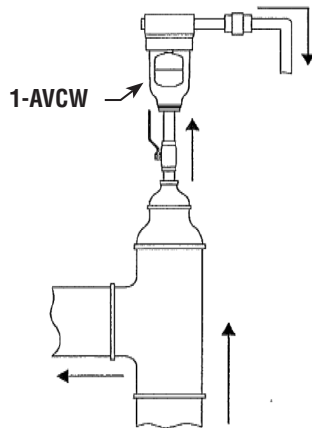


Figure 4.
Automatic air vent on
high point in system.
A full ported 3/4" valve
and pipe must be used.

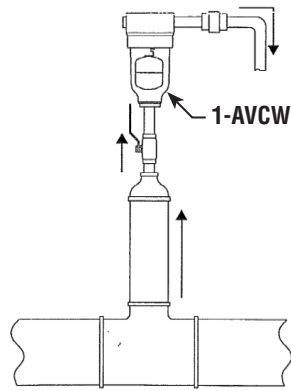


Figure 5.
Automatic air vent on piping.
A full ported 3/4" valve
and pipe must be used.

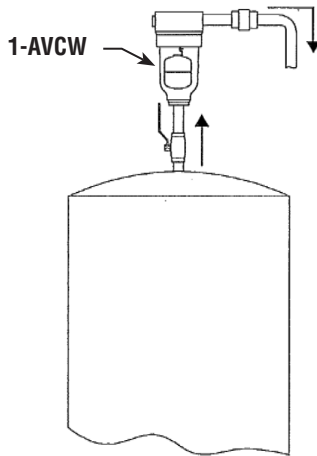


Figure 6.
Automatic air vent on high
point of tank. A full ported
3/4" valve and pipe must
be used.

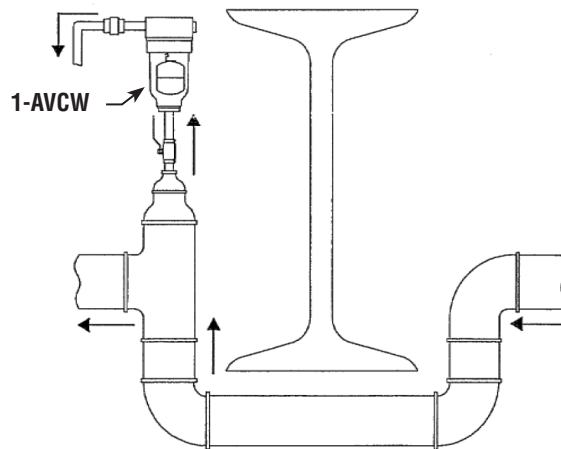


Figure 7.
Automatic air vent on loop in piping.
A full ported 3/4" valve and pipe must
be used.

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Limited Warranty and Remedy

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*Designs, materials, weights and performance ratings are approximate and subject to change without notice.
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