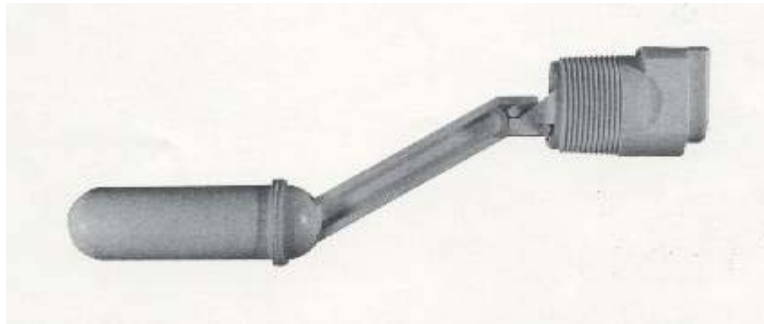


## **Brady Air Release**

### **Model BAR-125**



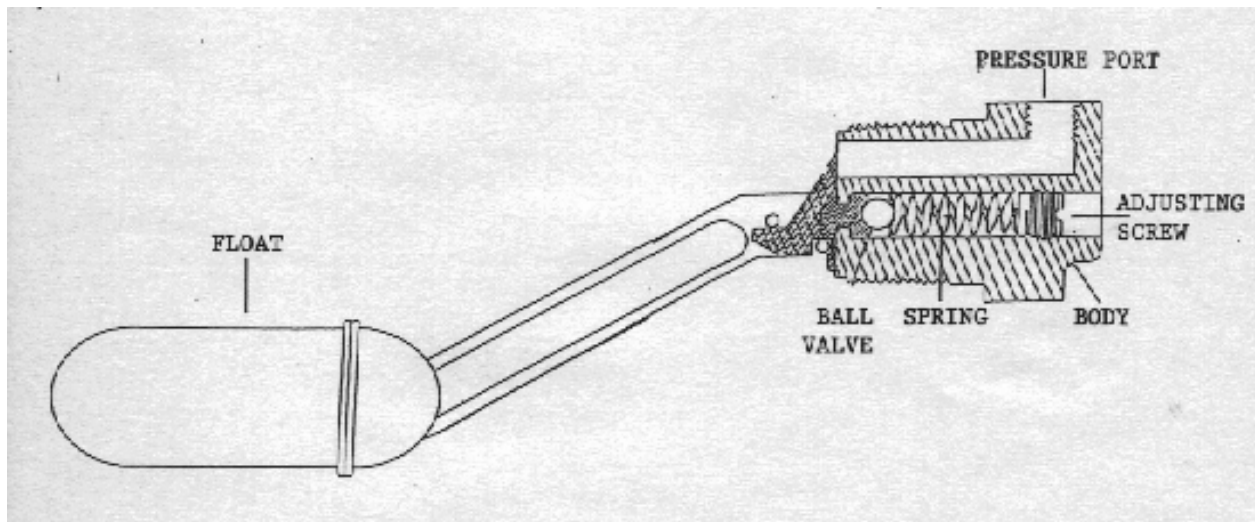
**Brady air release valves are designed to maintain the proper ratio of air to water in your water storage tank when an excess amount of air is being pumped into the system. The excess air is released through the adjustable release valve which works in relation to the position of the float inside the pressure tank.**

**INSTALLATION:** For maximum tank draw off, air release valve should be located in the center of the tank to 1/3 distance up from the bottom of the tank.

- 1. Wrap the 1-1/4" NPT threads on the release valve with Teflon sealant tape and insert into proper tank taping as noted.**
- 2. Tighten by hand, or if needed, snug up with open end wrench enough to make it leak proof. Pressure gauge port must be positioned at the top of release valve.**
- 3. Wrap Teflon sealant tape around 1/4" NPT gauge or pipe plug and tighten into gauge port on release valve. (Do not over-tighten)**

## **Air Release Pressure Adjustment (Figure 1)**

**Air release valves are factory set to release air at approximately 20 PSI. Control can be adjusted to release air between 0-40 PSI. To increase release valve pressure, turn the adjusting screw in (clockwise) to decrease release valve pressure, turn the adjusting screw out (counter-clockwise).**



**Figure 1**

## **System Operation (Figure 2)**

**Figure 2 illustrates a submersible pump installation which injects air into the pressure tank each time the pump cycles.**

**This installation requires the check valve be removed from the pump discharge and installed 7 to 10 feet minimum above the static water level. A bleeder orifice is installed 3 to 5 feet below the check valve. Each time the pump starts the air trapped between the bleeder orifice and check valve is injected into the pressure tank. The air release valve releases the excess air and maintains a perfect air charge.**

# TYPICAL INSTALLATION

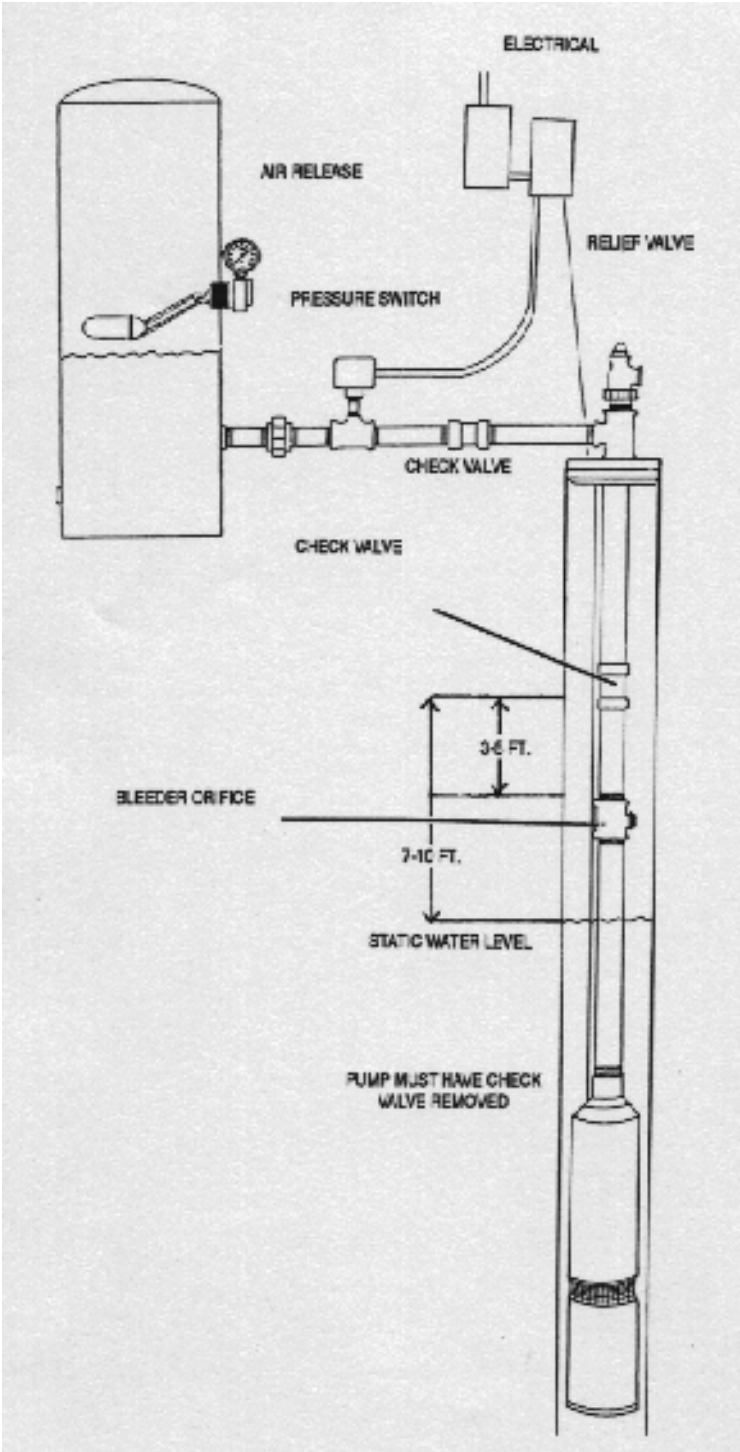


Figure 2

**Warning:** This product is for water system applications only. Misuse of this product may cause failure or damages, for which Brady disclaims responsibility. Brady shall have no responsibility for any improper use or application of this product. Brady warrants the product for one (1) year from date of purchase.

The warranty printed above is the only warranty applicable to this purchase. There are no warranties which extend beyond the description on the face hereof. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



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