Features and Benefits:

- Convenient 3/8" Female NPT or 3/8" John Guest porting options
- Optional 3/8" NPT x ½" NPS fitting available
- Compact design fits in small spaces
- Dampens pump switch cycling/pulsations
- Limits harmful spikes/water hammer
- Minimizes hydraulic noise
- NSF food grade materials
- Easy to install and maintain
- Mounts in any position with included bracket

Specifications:

Description – Food-grade pressurized fluid holding tank/pulsation dampener (accumulator tank). Tank can be installed in a demand pump driven fluid system to reduce pulsations from switch cycles. This smooths flow, extends switch life and reduces noise.

Maximum Working Pressure – 125 PSI

Wetted Materials – Nylon, Butyl

Internal Volume – 28 ounces

Pre-Charge – 20 PSI

Dimensions – See page 2

Weight – 1 lb.

Note: This tank is not intended for use in systems with variable speed pumps

Tank Pre-Charge: The gas side of the tank is pre-charged to 20 PSI. Pressure should be checked periodically. To check tank pre-charge, open a tap to discharge water pressure. Then use a standard tire gauge to check pre-charge at the gas fill valve. The pre-charge can be adjusted to suit a particular application, but should not exceed 20 PSI.

Winterizing: Before exposure to freezing temperatures, all water must be drained, or replaced with potable water anti-freeze. Use of automotive anti-freeze is prohibited as serious injury or death may occur.
Installation Guide
Accumulator Tank/Pulsation Dampener
Models: ACT820-JG and ACT820-NPT

Warranty: Aquatec warrants this product to be free of manufacturing/material defects for a period of 13 months after shipping date from Aquatec. Warranty is limited to product repair or replacement, at Aquatec’s discretion. Warranty returns must be pre-approved with an authorization (RMA) number from Aquatec.

TYPICAL INSTALLATION

TROUBLESHOOTING:

Leakage from fittings – Check that tubing is fully inserted into JG cartridges, or threaded fittings are appropriately taped and torqued on NPT ports.

Leakage from fill valve – Diaphragm has reached end-of-life. Replace accumulator tank

Pump switch cycles rapidly – Check for appropriate air pre-charge

Tank not holding air pressure – Loose screws or fill valve, or diaphragm has reached end of life. Replace accumulator tank.