

# TECHNICAL BULLETIN

## Special Charging Notice 8.8.17



## Proper Nitrogen Regulator Usage

PPC and Status Flow Gas-Charged Suction Stabilizers and Dampeners

### To All Performance Pulsation Control and Status Flow Customers:

- When charging bladders and cartridges, a regulator set to the maximum allowable charging pressure is required on the nitrogen source. Failure to properly set the regulator could cause charging in excess of the maximum allowable pressure. Overcharging can lead to bursting or other damage that could result in premature failure and poor pump system operation. Evidence of overcharging will also void the associated warranty.
- Depending on the product being used, maximum charge pressure levels are found on the case label, data plate, within the operating manual or the pressure tag located at the top of our cartridges. As a general rule, the recommended pre-charge is from 60% to 70% of the operating pressure but should never exceed the maximum charge pressure of the bladder or cartridge – whichever is less.

#### **WARNING**

- CHARGE WITH 100% NITROGEN.
- DO NOT USE ANY OTHER GASES MIXED WITH THE NITROGEN.
- FAILURE TO USE PURE NITROGEN COULD RESULT IN EXPLOSION!

For further information or questions, please contact PPC at:

Phone: 972-699-8600

[sales@performancepulsation.com](mailto:sales@performancepulsation.com)