

# Bladder Accumulator Safety Information

The following safety information must always be followed when working with bladder accumulators.

- **Only use an inert gas like nitrogen for pre-charging.** Nitrogen that is 99.99 percent by volume is strongly recommended. Do not use oxygen or shop air, as this may lead to a fire or explosion.
- **Modifying a bladder accumulator** (i.e. welding, brazing, machining, or the use of non-original replacement parts) **may compromise the integrity of the pressure vessel.**
- **The operating pressure of the accumulator must not exceed the maximum operating pressure and temperature ranges must be within those indicated on the label or nameplate.**
- The bladder-type accumulator **must not be operated with group 1 hydraulic fluids** (explosive, inflammable, toxic) **or with corrosive fluids.**
- **Never loosen the gas valve while the accumulator is under pressure.**
- **Never attempt to disassemble the accumulator while it is under pressure.**
- **Always assume the accumulator is under pressure until it is confirmed that the accumulator is not under pressure.**
- **Never add unnecessary weight or load on top of the accumulator, never use the accumulator as a structural support and never step on them.**
- **The accumulator may become very hot during normal operation.**  
Allow the accumulator to cool before doing any servicing or touching it.
- **Always wear personal protective equipment (PPE) like safety glasses and protective gloves when servicing the accumulator.**
- **Always use genuine Parker replacement parts.**
- **Before pre-charging, disassembly, or reassembly a bladder accumulator read our bladder accumulator installation and maintenance manual.**  
**You can find it at [parker.com/accumulator](http://parker.com/accumulator).**



## **WARNING – USER RESPONSIBILITY**

**FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.**

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