Storage, Recycling & Disposal

Bladder Accumulators
Electronic Catalog: HY10-1632-M2.4/US

ENGINEERING YOUR SUCCESS.
If you have questions about the information contained in this Maintenance & Installation Guide, please contact:

**Accumulator & Cooler Division - Americas**  
phone 815 636 4100  
parker.com/accumulator

The information specified in this guide serves to help understand how to install & maintain the product. The information given does not release the user from their own judgment and obligation of verification. The natural process of wear and aging also impacts how easily a product can be serviced.

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Bladder Accumulator Storage

BA Series Accumulators are supplied with a primer coat. Under the following conditions, this coat will provide as new condition for up to 3 years:
• The storage facility must be cool, dry, and constant.
• Storage temperature should be between 50°F and 90°F (10°C – 32°C).

Procedure after expiration of maximum shelf life:
• Visually examine the bladder accumulator for any damage and corrosion.
• If rust is detected, remove and repaint. If parts are pitted, replace with new components. If protective plating is damaged, replace with new components.
• Replace the bladder, seals, and gas valve by way of precaution.

⚠️ Please note that the warranty period is not prolonged by the storage time.

Bladder Storage

Normal storage life (Up to 1 year from date of shipment):
• Storage conditions consist of the bladder being heat sealed in a 5 mil minimum black polyethylene bag or a 3 mil minimum U.V. resistant bag. It should then be placed in a cool dry place away from direct sun, ultraviolet & fluorescent lights, as well as ozone producing electrical equipment (ie. Fans or motors). Storage temperature should be between 50°F and 90°F (10°C – 32°C).

⚠️ Direct sunlight, fluorescent light, or ozone producing electrical equipment can cause the bladder to weather check and dry rot, which appear on the bladder surface as cracks.
• Bladders are to be wrapped per Figure 21 or laid flat without bending or folding.

Extended storage life (Up to 3 years from the date of shipment):
• Extended life can be achieved by having the bladder charged with 1-4 PSig of nitrogen to its full size. (See Figure 22.)
• Heat seal bladder in a 5 mil minimum black polyethylene bag or a 3 mil minimum U.V. resistant bag.
• The air in the plastic bag should be purged using nitrogen prior to sealing.

The bag must then be placed in an appropriate size cardboard box, sealed and kept in a cool and dry place away from direct sunlight, ultraviolet, and fluorescent lights as well as ozone producing electrical equipment. Storage temperature should be between 50°F and 90°F (10°C – 32°C).

How to Determine how Long a Bladder Has Been in Storage

To monitor how long a bladder is kept in storage, the manufacturing date code can be used. The date code can be found on the bladder stem marked: mm/dd/yy.
Recycling & Disposal

Prior to recycling, the accumulator must be made inoperable by drilling through its cylindrical shell. Once inoperable, the accumulator can be recycled by separating the steel parts from the rubber seals and bladder. Recycle rubber and steel parts separately.

Bladder Accumulators can contain residual hydraulic fluid. The hydraulic fluid can be hazardous to the environment. Dispose of the bladder-type accumulator in accordance with the provisions applicable in your country. Dispose of any hydraulic fluid residues according to the respective safety data sheets valid for these hydraulic fluids.