Overview

The term shelf life is often used to estimate storage life of a product. It is a statement and/or a date on a product or package label. It is used to describe how long after manufacturing, the device may be expected to maintain its capacity to perform its originally intended function.

Although products do not typically become unusable exactly on the shelf life date, for consumer safety purposes, it is generally interpreted as the safest duration after which the product should be considered unfit for use.

The criteria for the term is for a product that is not intended to be used for some period of time, but when placed into service it needs to function to its originally purchased specifications.

Therefore, shelf life is the furthest date, after manufacture and storage, that when finally put into service, the product may be expected to perform to published specifications.

MAXAIR Systems Storage

In general, it is recommended that MAXAIR Systems be used on a frequent basis to ensure proper functioning and user familiarity. Routine use can be accomplished, even for systems primarily designated for emergency preparedness (EP), by periodically cycling groups of systems from EP storage areas through routine use areas where infectious and suspected infectious patients are isolated and cared for. This will allow for periodic change-out of filters, cuffs/shrouds, comfort strips, recharging of batteries, and verification of proper functioning of motors/blowers and LED Status indicators.

Storage of MAXAIR Systems beyond routine use should only be done in environments and facilities comparable to normal working environments for health care professionals in terms of temperature, pressure, relative humidity, and the presence of any toxic and corrosive elements.

The critical considerations for MAXAIR PAPR Storage and Shelf Life are the Filter and the Battery.

Stored filter materials may deteriorate over time due to a number of parameters, some of which include storage environment temperature, humidity, and pressure. Air quality factors as dust or other airborne contaminants, particularly chemicals, and even sunlight can be of concern.

MAXAIR PAPRs use Li-Ion Batteries exclusively. Li-Ion batteries, as with most battery technologies, begin the life-deterioration process at their time of manufacture. Most storage condition concerns for filters are similar concerns for batteries, particularly temperature and humidity.

Refer to your MAXAIR User Instructions received with each MAXAIR Helmet, or go to https://www.maxair-systems.com for viewing and a downloadable copy, for all use and storage conditions.

MAXAIR Systems Shelf Life[1,2,3]

ITEM	ESTIMATED SHELF LIFE[1]
Filters[2]: Filter Caps, Filter Cartridges, Hoods with Filters	5 years
Li-Ion Batteries[3]	Up to 4 years

WARNING: Inspect each system component before use to insure against defects, damage, or residual from any adverse factors.

[1] Time from date of manufacture as indicated in the Product Label Lot Number's first four digits, e.g. 2201XXX-X is January 2022. All Shelf Life indications are only for product stored without having been used, as initially received in original, undamaged, and originally sealed, never opened packaging.

[2] Nuisance O-V Filters' Estimated Shelf Life is 3-5 years.

[3] When handled and stored consistent with the MAXAIR Ensure Readiness Program (https://www.maxair-sy tems.com/special-program) and your MAXAIR User Instructions received with every MAXAIR Helmet and available for viewing and download at https://www.maxair-systems.com.