

Flashback Arrestors: Safety Update & Regulations

OSHA - Flashback Arrestors: [OSHA 1910.253\(e\)\(3\)\(ii\)\(C\)\(3\)](#)

Flashback protection shall be provided by an approved device that will prevent flame from passing into the fuel gas system.

There are many Flashback arrestors (FBA) on the market today and many have different features. Gas Innovations recommends their WITT FBAs because their multiple safety features meet all regulatory compliances.

- Highest quality from the world market leader
- UL Approved with Viton EDPM seals for use with Propylene
- Temperature sensitive – Thermal Cut-off Valve
- ISO 5175 Certified and conforms to OSHA, NFPA, ANSI, Z49 and UL Approved for Propylene
- Higher flow capacity than other FBAs

Witt has a complete safety video showing the features of their FBAs.

Click on link: <https://www.youtube.com/watch?v=ibbqPMR1sYU>

When should FBAs be checked or replaced?

The average lifespan of a typical **Flashback Arrestor** is 18 months, depending on average use, by CGA and OSHA requirements for industrial applications. We recommend testing for flow and reverse flow at least once a year (see product instructions for how to test).

Flashback Arrestors for
Propylene.
Not recommended for
Acetylene

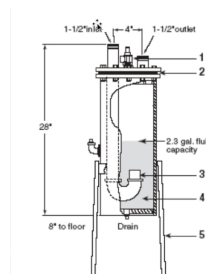


Visit Gas Innovations Web-Site for more information about FBA's in their equipment catalog Page 10. Click on Link:

<https://gasinnovations.com/wp-content/uploads/Gas-Innovations-Cutting-Heating-Equipment-Catalog-web-07.2015.pdf>

Hydraulic FBA:

Note: If you are using a Hydraulic Flash Back Arrestor, it is imperative to check the fluid level monthly and placed on a maintenance schedule. The replacement fluid is Ethylene Glycol, SDS # DZ30478 and should be replaced every year.



“The safety information included in the Gas Innovations Safety Bulletin references publications by the **National Fire Protection Agency (NFPA)**, **The Compressed Gas Association (CGA)** and **The Occupational Safety and Health Administration (OSHA)** Due to the volume of this information, Gas Innovations has not included all safety precautions in these bulletins, and suggests the user consults the aforementioned sources.”