

Superflash IBEDA Flashback arresters vs. Western Enterprises

Feature/Benefit	Superflash	Western	Benefit
All Superflash flashback arresters are equipped with replaceable inlet filters to help keep dust, dirt, and other contaminants out extending service life beyond that of ordinary arresters without inlet filters and provides a higher degree of safety.	Yes	No	Dust, dirt and other contaminants can quickly disable a flashback arrester without an inlet filter creating the risk of the reverse flow of gases. Superflash IBEDA's built-in stainless steel inlet filter stops any particle larger than 100 microns from getting into the arrester.
The heart of any flashback arrester is the sintered stainless steel element and the smaller the porosity of this element the more efficient and costly it is. The best elements have a porosity of only 3 to 5 microns.	Yes	No	Competition uses a less expensive 20 to 40 micron stainless element which is 4 to 8 times larger than Superflash IBEDA flashback arresters. In this case smaller is a lot better in stopping flashbacks consistently and at a wide variety of pressures, mixes, and types of gases.
U/L listed and meets ISO, new European Norms (formally DIN), British Standards, and even South African.	Yes	Yes, but?	Competition meets the minimum standards of U/L. IBEDA Superflash goes well beyond U/L and meets all international world class standards as well.
Flashback arresters equipped with CGA class 'B' swivel nuts for fast & easier installation (you do not have to turn the entire flashback arrester body to make a leak tight connection). This keeps the hose from twisting.	Yes	No	Competition uses the less costly method of cutting the class 'B' connection nut (female) into the body of the arrester making seating with the torch connections more problematic. IBEDA Superflash uses a swivel nut which helps make connections easier plus is more forgiving (leak integrity) on even worn torch connections.
Full color label with important data (flow direction, gas service, etc.) engraved in the body under that label. Plus, state of the art 15 mil half clam shell packaging (NAFTA compliant instructions included in English, Spanish, and French).	Yes	No	Competition label is a single color and when the label falls off from age, heat, or abuse there are no further markings. IBEDA Superflash arresters use a full color label with important information engraved under the label on the body for traceability.
Used by Praxair, ESAB, MG, Giga and many others on original equipment cutting machines.	Yes	No	Only Superflash IBEDA arresters meets high flow requirements and international standards.