

Flashback Arrestor W 66S Oxygen

Item No.: 361361216

Product information

Dominant choice for Flame Arrestors (Flashback Arrestors) and OCIMF Compliance Protect regulators and gas cylinder against flashback and detonation. The installation of flashback arrestors for acetylene and oxygen, is required by Maritime authorities, as incorrect maintenance or use of gas welding equipment may cause flashbacks of various types. Normally a well-designed torch will prevent this from happening and flashbacks are only noticed as a popping sound in the torch. However, faulty handling, maintenance or gas pressure setting may lead to a penetrating flashback. This means that the gas flame passes back through the hose(s). In some cases, it may also pass the regulator and ultimately reach the cylinder.

Our flashback arrestors are designed to be used both with gas cylinders and gas outlet stations and incorporate several safety functions:



- Pressure activated cut-off to prevent further gas supply after a flashback (activated by the pressure shock in front of the flashback).
- Non-return valve preventing reverse flow of gases, thereby preventing a gas mixture from reaching pipelines or cylinders.
- Flame filter to quench the flame front of a flashback or a burnback.
- Temperature activated cut-off to prevent further gas supply in case of fire (activated if the temperature rises to approximately 100° C).
- Pressure relief valve to vent off excessive pressure in case of flashback or wrongly set working pressure (on W-66S only)
- The flashback arrestors are built Conform to: EN 730/ISO 5175 and with BAM Certification no.: ZBF/009/12.

ABOUT SAFETY

We recommend annual testing of the flashback arrestors and to change them every 5 years

Features

- Pressure activated cut-off valve
- Temperature activated cut-off valve
- Flame arrestor
- Non-return valve

Benefits

- Stops the pressure front
- Prevents fire from being supported by gas
- Stops the flame front
- Stops gas from feeding back into the system

Specification

General:	Invent Hazard Material (IMO/EU) classification	NA
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Performance data	Capacity	105 m ³ /h
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Technical data	Operating pressure [bar]	10 max
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