

Flashback Arrestors

Torch and Regulator Mount

The Gas Innovations series of Flashback Arrestors provide a full range of dry type flashback, reverse flow and burn back protection . These arrestors are ideal for all flow applications of fuel gases and oxygen with either standard "B" connections. The Flashback Arrestors are ISO 5175 certified and conform to OSHA, NFPA , ANSI Z49 and UL standards.



RF 53-N
Model for Regulators
And Outlet points



RF 85-10U
Model for
torches

Safety Elements Benefits

Large surface area Flame Arrestor **FA**

Stainless steel construction extinguishes any dangerous flashback entering the device in any direction .

Temperature sensitive Thermal Cut-off Valve **TV**

Extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level .

Spring loaded Non-Return Valve **NV**

Prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply

Operation / Usage

Flashback Arrestors are used to protect gas cylinders and pipeline outlet points against dangerous reverse gas flow and flashbacks . For pipeline outlets and single cylinders with high users Flashback Arrestors may be mounted in any position /orientation

Maintenance

Annual testing of the non-return valve, body leak tightness and flow capacity is required.
Replacement Inlet Filter extends Service Life
Flashback Arrestors are only to be serviced by the manufacturer

Materials of Construction

Body-Brass

Flame Barrier Filter-Stainless steel

Elastomer Seals-Viton(EDPM) for fuel gas-Propylene

Elastomer Seals-Neoprene(NBR) for oxygen/air

Approvals and Conformance

Company certified according to ISO 9001:2000, ISO 14001

ISO 5175 , PED 97/23/EC module H
CE-marked, BS 6158, UL 1357

Conforms to NFPA 51 and OSHA,
ANSI Z 49 and CGA requirements

Regulator and Torch Flashback Arrestors

Part Number	Description
	Flashback Arrestors
	Style RF53-N for Regulators*
GIW53PR	Propylene Fuel Gas
GIW53OR	Oxygen
	Style RF 85-10 for Regulators**
GIW8510PHR	Propylene Fuel Gas
GIW8510OHR	Oxygen
	Style RF 85-10 for Torches***
GIW8510PHT	Propylene Fuel Gas
GIW8510OHT	Oxygen
GIW538510F	Inlet Filter for RF 53 N/ RF 85-10

**Suitable for large cutting, scarfing and heating applications

*** Designed for Machine Cutting torches and scarfing applications

Other Models and Connections available upon request