

## Flashback Arrestors

CONCOA's 532 Series of stainless steel and brass flashback arrestors prevent the transmission of flame in the supply line and equipment of high purity gas systems. An automatic valve in the 532 Series flashback arrestor cuts off gas supply in the event of flame stabilization inside the body of the arrestor.

The arrestors incorporate a non-return valve to prevent reverse flow of gases. With the brass arrestors, a positive shut off of reverse flow permits resetting and reuse after flashback has occurred. 532 Series Flashback Arrestors meet the safety requirements of BS6158, EN 730 (BAM/DIN), ISO 5175, AS 4603 and are UL Listed 23Y5.



### Stainless Steel Model Materials and Specifications

**Body and Internals**  
316L stainless steel

**Elastomers**  
Viton

**Temperature Sensor**  
Polyethylene

**Valve Spring**  
316 stainless steel

**Weight**  
1.4 lbs. (0.64 kg)

**Connections**  
1/4" NPT Female

**UL Approved**

**Maximum Pressure (UL 23Y5)**

Acetylene	15 PSIG (1 BAR)
Hydrogen	50 PSIG (3.5 BAR)
Natural Gas	50 PSIG (3.5 BAR)
Propane	50 PSIG (3.5 BAR)
Air/Oxygen	143 PSIG (10 BAR)

### Brass Model Materials and Specifications

**Body and Internals**  
Brass with brass internals

**Elastomers**  
Neoprene

**Temperature Sensor**  
Polyethylene

**Valve Spring**  
316 stainless steel

**Weight**  
1.5 lbs. (0.68 kg)

**Connections**  
1/4" FPT Female

**UL Approved**

**Maximum Pressure (UL 23Y5)**

Acetylene	15 PSIG (1 BAR)
Hydrogen	50 PSIG (3.5 BAR)
Natural Gas	50 PSIG (3.5 BAR)
Propane	50 PSIG (3.5 BAR)
Air/Oxygen	143 PSIG (10 BAR)



### Ordering Information

Order No.	Body	Description	Size/Dimensions
532 7000	316L stainless steel	Fuel gas flash arrestor (with check valve)	1 1/4" x 4 3/4"
532 7001	316L stainless steel	Oxygen flash arrestor (with check valve)	1 1/4" x 4 3/4"
532 7002	316L stainless steel	Hydrogen flash arrestor (with high flow check valve)	1 1/4" x 4 3/4"
532 7003	Brass	Fuel gas flash arrestor (with check valve)	1 1/4" x 4 3/4"
532 7004	Brass	Oxygen flash arrestor (with check valve)	1 1/4" x 4 3/4"
532 7005	Brass	Fuel gas flash arrestor (with high flow check valve)	1 1/4" x 4 3/4"
532 7006	Brass	Oxygen flash arrestor (with high flow check valve)	1 1/4" x 4 3/4"
532 7007	Brass	Hydrogen flash arrestor (with high flow check valve)	1 1/4" x 4 3/4"