



**From the product range „Super“, one of the best flashback arrestors in the world.  
For reliable protection against dangerous gas backflow and flashback according to  
DIN EN ISO 5175-1.  
Every Arrestor 100% tested.**



## Benefits

- extinguish dangerous flashbacks with sintered stainless steel elements **FA**
- immediately cut off the gas supply, and therefore prevent dangerous further work after any flashback or gas backflow via pressure sensitive cut-off valve **PV**
- extinguish sustained backfire – via temperature sensitive cut-off valve **TV**
- avoid the formation of explosive mixtures in the gas supply – via non-return valves **NV**
- indicate flashbacks and gas backflow optically – via red alarm mark
- allow simple resumption of work after the cause of hazard has been removed – via resetting the sleeve
- offer long service life due to protection against dirt – via filter at gas inlet

## Operation / Usage

- the Flashback Arrestors are used against gas backflow and flashback at pipeline outlets and single cylinder equipment

- the Flashback Arrestors can be installed independent of the orientation but according to gas flow
- each blowpipe should have its own Flashback Arrestor
- the maximum ambient / working temperature is 60 °C / 140 °F

## Maintenance

- annual testing of the non-return valve, body leak tightness and flow capacity is recommended
- WITT is happy to supply special test equipment
- Flashback Arrestors are only to be serviced by the manufacturer.  
The dirt filter may be replaced by competent staff

## Approvals

Company certified according to ISO 9001  
Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems  
Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

# FLASHBACK ARRESTORS



Model	Gas type Max. working pressure [bar]	Connection EN 560 [inch]	Order-No.	Certification	Housing- Material	Seal- Material
Super 55	Acetylene (A) 1.5	G 3/8 LH	146-025	BAM/ZBA/003/04	Brass	Elastomer
	Hydrogen (H) 3.0					
	LPG (P)** 5.0					
	Town gas (C)* 5.0					
	Natural gas/ Methane (M)** 15.0					
	Oxygen (O) 15.0	G 1/4 RH	146-027			
	Compressed air (D) 15.0	G 3/8 RH	146-026			

\* no Certification BAM  
Other connections available upon request

\*\* LPG „based on test with Propan“  
Natural gas „based on test with Methane“

## Super 55

Conversion factors:

Acetylene	x 1.04
Butane	x 0.68
Ethylene	x 1.02
Natural Gas	x 1.25
Methane	x 1.33
Propane	x 0.80
Oxygen	x 0.95
Town gas	x 1.54
Hydrogen	x 3.75

