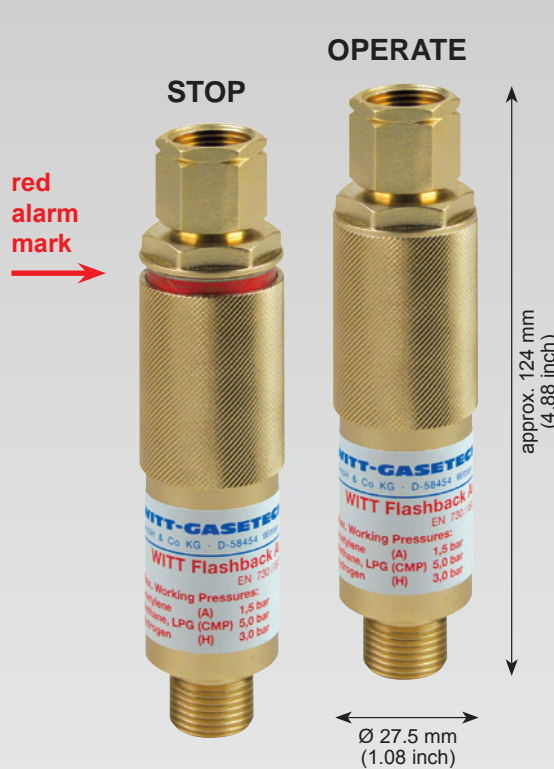
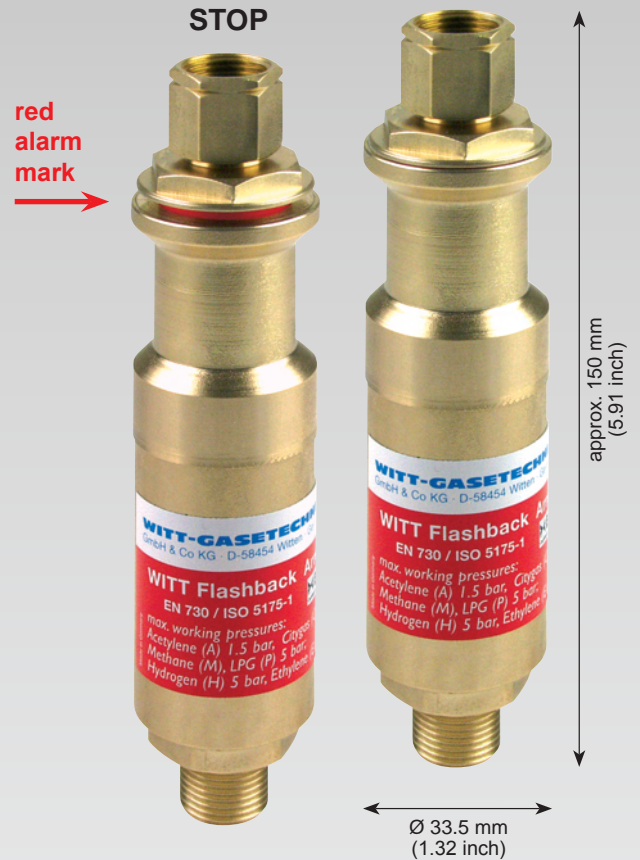


**Super 55**



**Super 85**



**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 EN 730 / 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. Super 85 for high flow
- 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 70 °C / 158 °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 and ISO 14001

Product Information

B01/11 subject to change

**SAFETY DEVICES**

www.wittgas.com

Model	Gas type Max. working pressure [bar]	Connection EN 560 [inch]	Order-No.	Approval	Housing-Material	Seal-Material
Super 55	Acetylene (A) 1.5	G 3/8 LH	146.001	BAM/ZBA/003/04	Brass	Elastomer
	Hydrogen (H) 3.0					
	LPG (P)					
	Town gas (C) 5.0					
	Natural gas/ Methane (M)					
Super 55	Oxygen (O) 30.0	G 1/4 RH	146.003	BAM/ZBA/003/04	Brass	Elastomer
	Compressed air (D)	G 3/8 RH	146.002			
Super 85	Acetylene (A) 1.5	G 3/8 LH	148.002	BAM/ZBA/003/04	Brass	Elastomer
	Hydrogen (H) 4.0					
	Ethylen (E)					
	LPG (P) 5.0					
	Natural gas/ Methane (M), Town gas (C)					
Super 85	Oxygen (O) 30.0	G 1/4 RH	148.013	BAM/ZBA/003/04	Brass	Elastomer
	Compressed air (D)	G 3/8 RH	148.016			

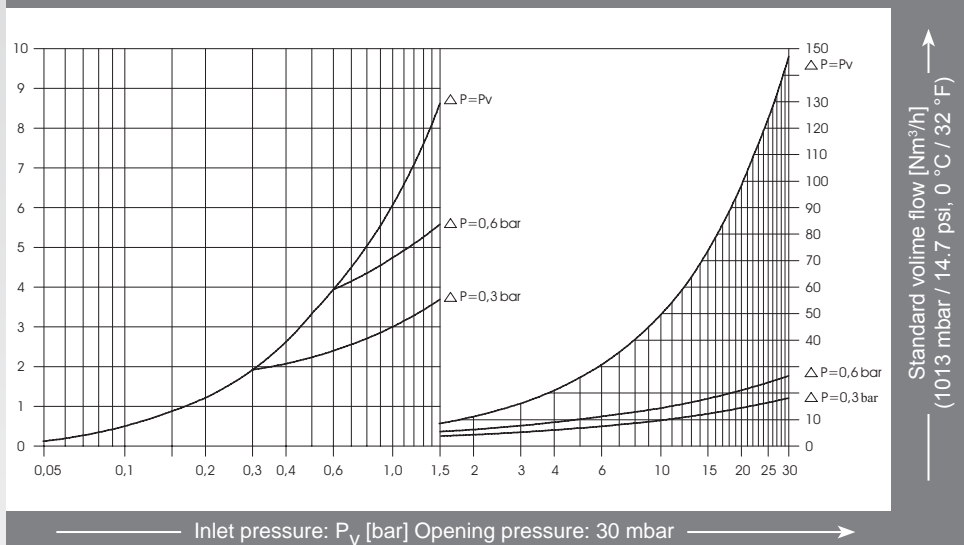
Other connections available on request

**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

Flow diagram for air (20 °C / 68 °F)

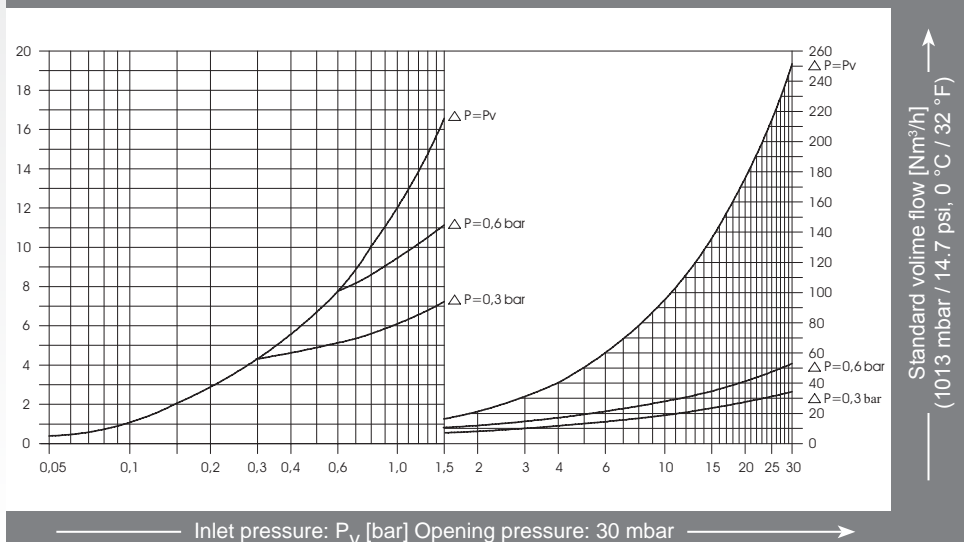


**Super 85**

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

Flow diagram for air (20 °C / 68 °F)



Technical Data

B01/11 subject to change