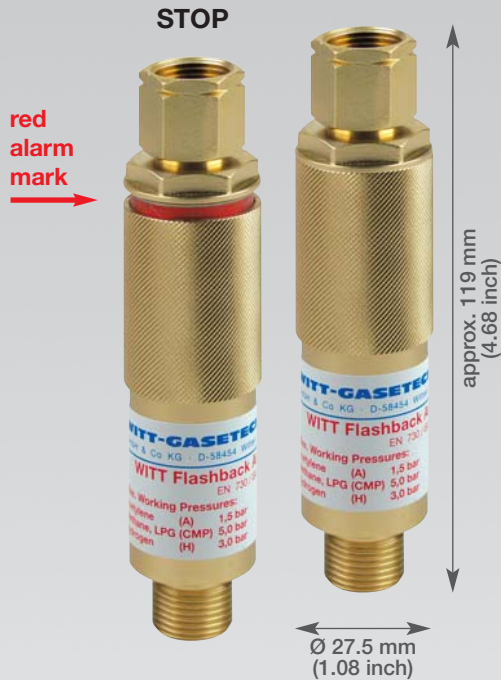


SAFETY DEVICES

www.wittgas.com

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. Certified and under surveillance. 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
- maximum ambient / working temperature is 70 °C / 158 °F

Maintenance

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

Approvals

Company certified according to ISO 9001:2000 and ISO 14001

Product Information

D6 subject to change

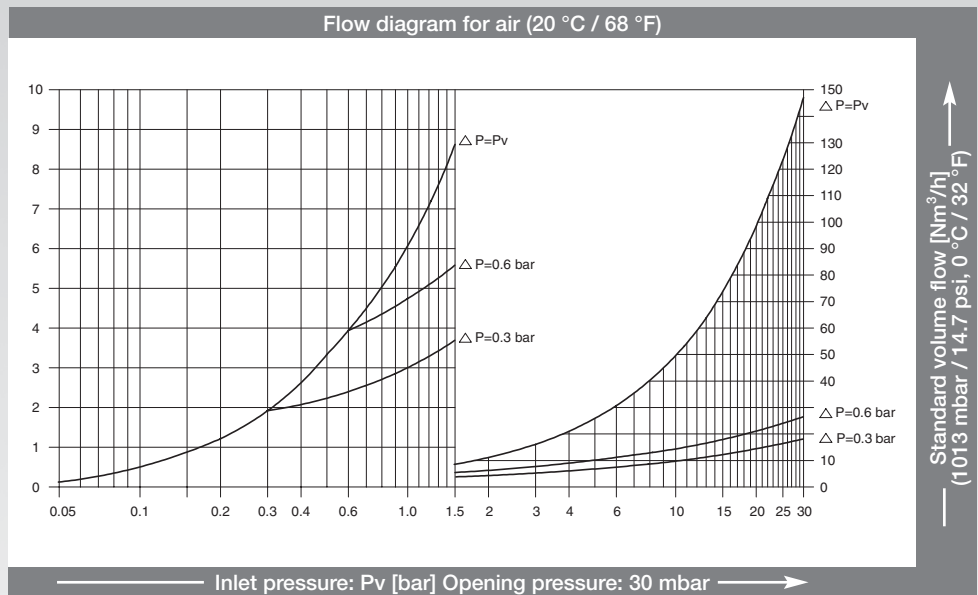
**SAFETY DEVICES**

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	Gas type max. working pressure [bar]	Approval	Housing material	Seal material	Connection EN 560 [inch]	Order-No.
<b>Super 55</b>	Acetylene (A) 1.5	BAM/ZBA/003/04	Brass	Elastomer	G 3/8 LH	146.001
	Hydrogen (H) 3.0					
	LPG (P)					
	Town Gas (C) 5.0				G 1/4 RH	146.003
	Natural Gas, Methane (M)					
	Oxygen (O)					
Non-flammable gases (D) 30.0	G 3/8 RH	146.002				
<b>Super 85</b>	Acetylene (A) 1.5	BAM/ZBA/003/04	Brass	Elastomer	G 3/8 LH	148.002
	Hydrogen (H) 4.0					
	Propane (P)					
	Town Gas (C)					
	Natural Gas, Methane (M) 5.0				G 1/4 RH	148.013
	Ethylene (E)					
	Oxygen (O)					
	Non-flammable gases (D) 30.0					

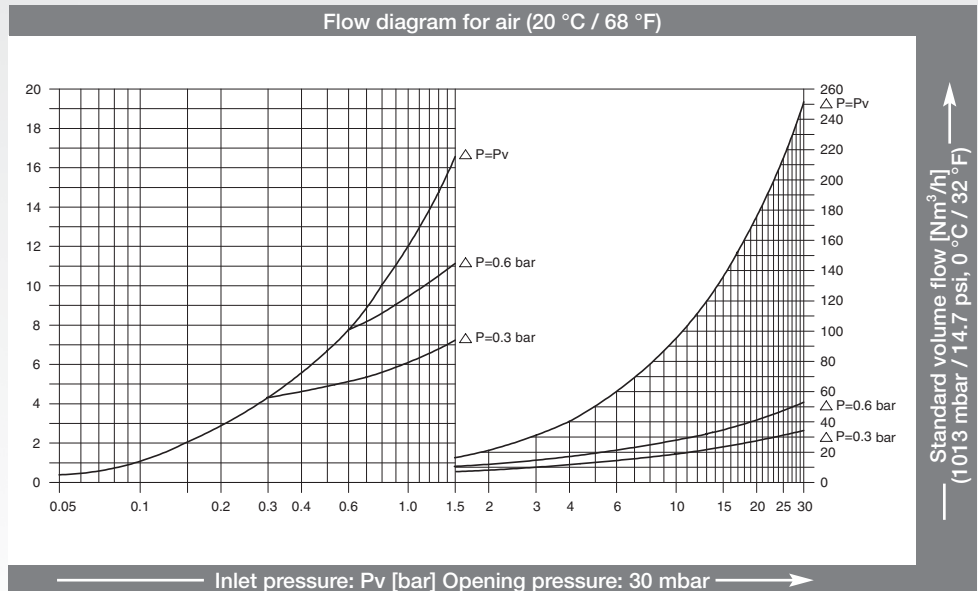
**SUPER 55**

- Conversion factors:
- Acetylene x 1.04
  - Butane x 0.68
  - 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



**SUPER 85**

- Conversion factors:
- Acetylene x 1.04
  - Butane x 0.68
  - 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



Technical Data

D6 subject to change