

**WITT SUPER Flashback Arrestors for reliable protection against dangerous reverse gas flow and flashbacks according to EN 730 / ISO 5175-1. Certified and under surveillance. Every Arrestor 100% tested.**

**The best Flashback Arrestors in the world**

- a large surface area flame arrester [FA] of stainless steel construction extinguishes any dangerous flashback entering the device in any direction
- after any flashback or reverse gas flow, a pressure sensitive cut-off valve [PV] immediately cuts off the gas supply and prevents dangerous further work
- a red signal lever indicates the operation of the pressure sensitive cut-off valve
- the resetting of the arrester by the lever allows the user to resume safe work immediately after fixing the cause of the flashback or the reverse gas flow
- a temperature sensitive cut-off valve [TV] extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level
- a spring loaded non-return valve [NV] prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply
- a filter at the gas inlet protects the arrester against dirt contamination, extending the service life
- a pressure relief valve [RV] vents excessive pressure and soot to the atmosphere protecting the hose from bursting and the flame arrester from clogging up thus maintaining the flow rate

**Operation / Usage**

- SUPER Flashback Arrestors are used to protect gas cylinders and pipeline outlet points (hoses and any equipment) against dangerous reverse gas flow and flashbacks
- WITT Flashback Arrestors may be mounted in any position /orientation
- only one piece of equipment may be connected to a single 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 9001:2000 and ISO 14001

Product Information

Technical Data

Model	Gas type	Max. working pressure [bar]	Approval BAM/ZBA/003/04	Connection EN 560 [inch]	Order-No.		Weight [g]	Housing-Material	Seal-Material
					Super 78	Super 90			
Super 78 + Super 90	Acetylene (A)	1.5	X	G 3/8 LH	125.010	125.029	650 (S 78) 600 (S 90)	Brass	Elastomer
	Ethylene (E) LPG (P)	4.0	—						
	Natural gas/ Methane (M) Hydrogen (H) Town gas (C)	5.0	X						
	Oxygen (O) Compressed air (D)	10.0	X		G 1/4 RH	125.016			
Super 66	Acetylene (A)	2.0	X	G 3/8 LH	125.002		1.104	Brass	Elastomer
	Ethylene (E)	3.0	—						
	LPG (P) Natural gas/ Methane (M) Hydrogen (H) Town gas (C)	5.0	X						
	Oxygen (O) Compressed air (D)	10.0	X		G 1/4 RH	125.006			

Other connections available on request

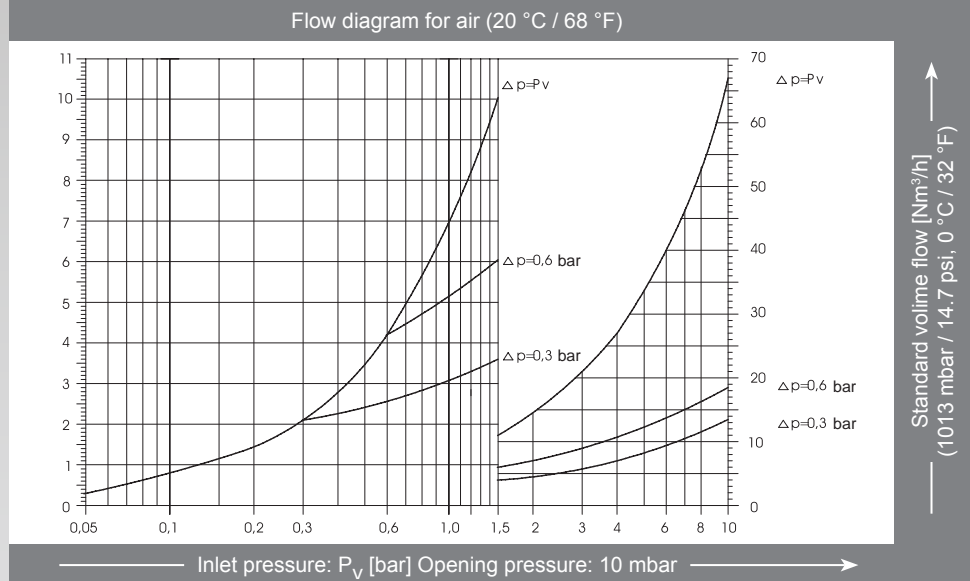
**SAFETY DEVICES**

www.wittgas.com

**Super 78 and Super 90**

Conversion factors:

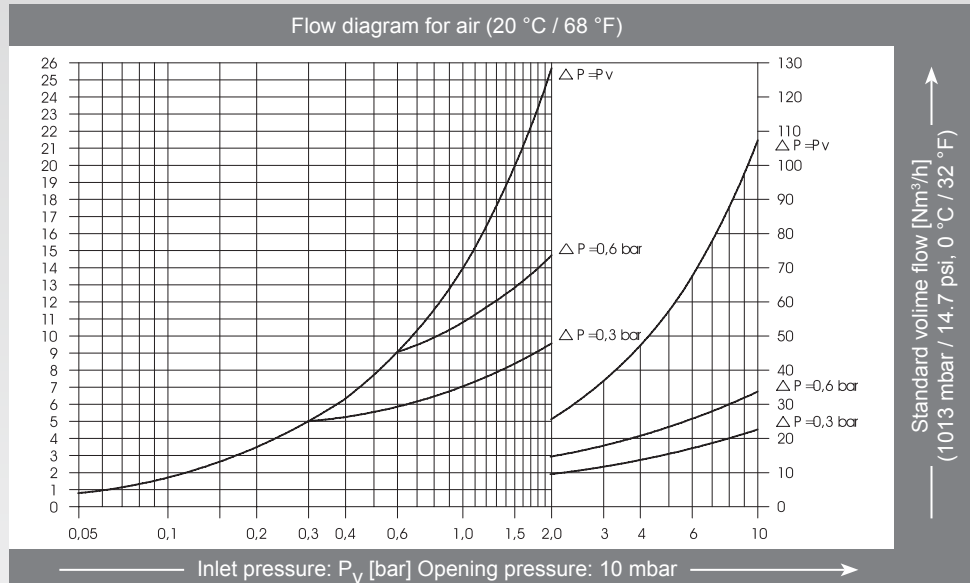
Acetylene	x 1.04
Butane	x 0.68
Ethylene	x 1.02
Natural Gas	x 1.25
Methane	x 1.33
Propane	x 0.80
Oxygen	x 0.95
Town gas	x 1.54
Hydrogen	x 3.75



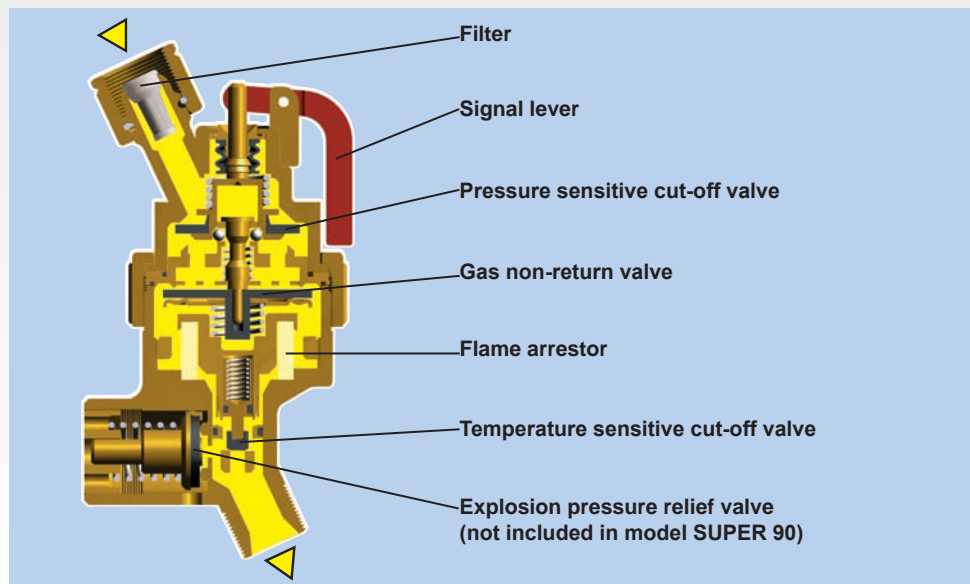
**Super 66**

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**Super 66/78/90**



Technical Data

B01/B0 subject to change