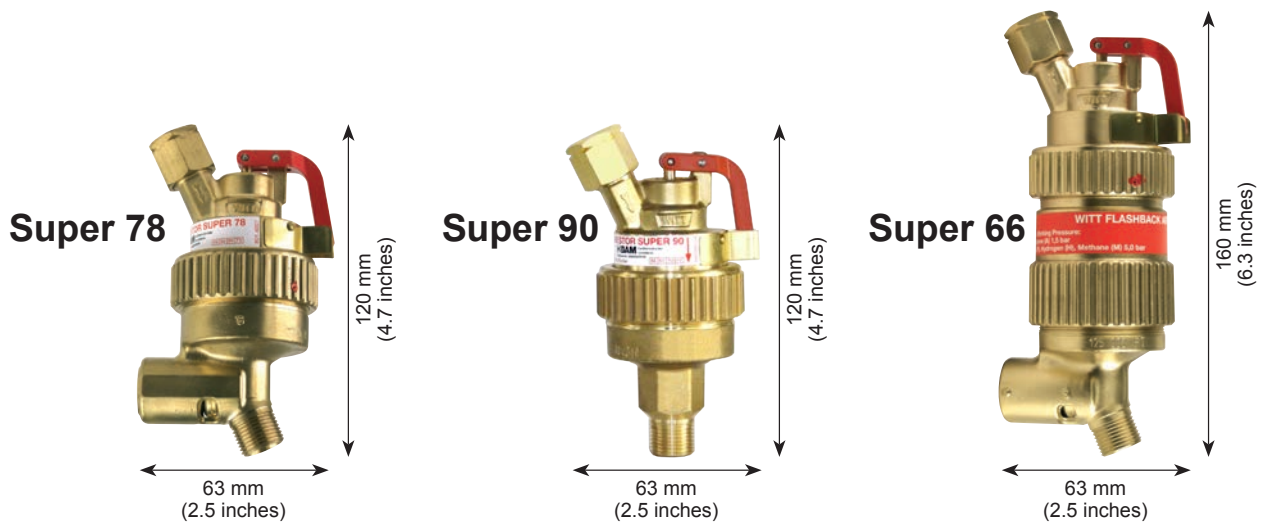


# FLASHBACK ARRESTORS



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



### The best Flashback Arrestors in the world

- a large surface area flame arrestor [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 arrestor 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 from forming explosive mixtures in the gas supply
- a filter at the gas inlet protects the arrestor against dirt contamination, extending the service life
- a pressure relief valve [RV] vents excessive pressure and soot into the atmosphere, protecting the hose from bursting and the flame arrestor 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  
 Cleaned for Oxygen Service according to:  
 - EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

Model	Gas type		Certification BAM/ZBA/003/04	Connection EN 560 [inch]	Order-No.		Weight [g]	Housing- Material	Seal- Material	
	Max. working pressure [bar]				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)	4.0	-							
	LPG (P)		X							
	Natural gas/ Methane (M)	5.0	X		G 1/4 RH	125-016				125-030
	Hydrogen (H)									
Town gas (C)										
Super 66	Oxygen (O)	10.0	X	G 3/8 LH	125-002		1,104	Brass	Elastomer	
	Compressed air (D)	2.0	X							
	Acetylene (A)									
	Ethylene (E)	3.0	-							
	LPG (P)	5.0	X		G 1/4 RH	125-006				
Natural gas/ Methane (M)										
Hydrogen (H)										
Town gas (C)										
Oxygen (O)	10.0	X								
Compressed air (D)										

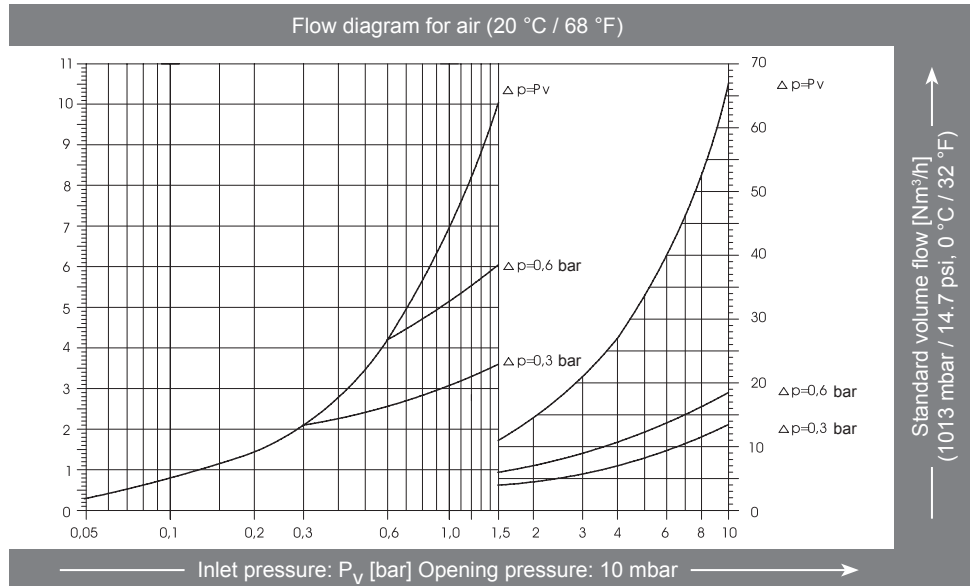
\* no Certification BAM

Other connections available upon request

## Super 78 and Super 90

Conversion factors:

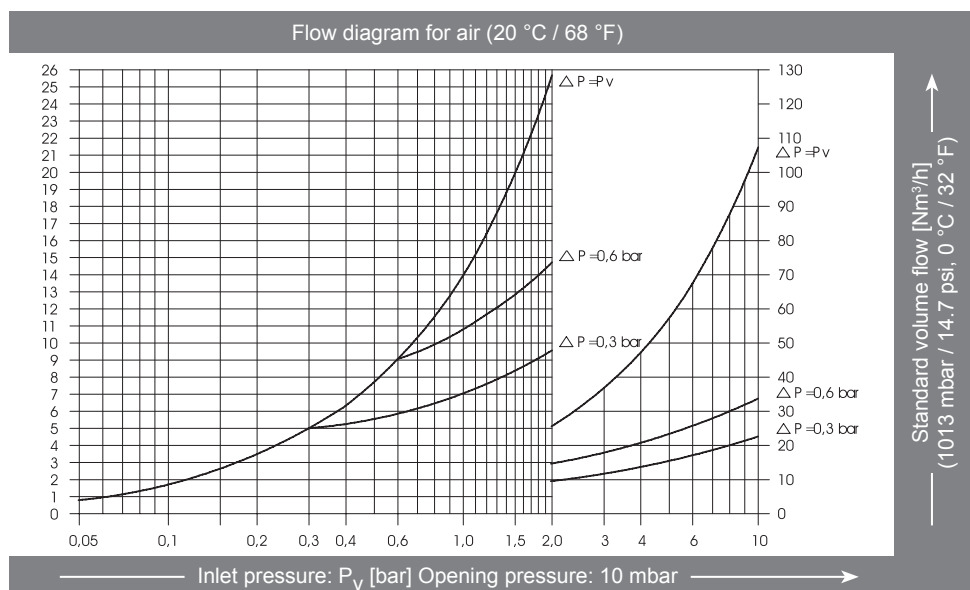
Acetylene	x 1.04
Butane	x 0.68
Ethylene	x 1.02
Natural Gas	x 1.25
Methane	x 1.33
Propane	x 0.80
Oxygen	x 0.95
Town gas	x 1.54
Hydrogen	x 3.75



## Super 66

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 66/78/90

