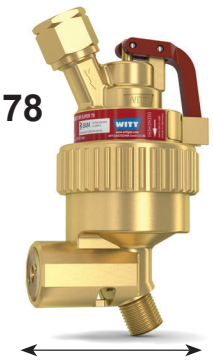
FLASHBACK ARRESTORS

www.wittgas.com

Super 78



Super 90

Super 66

WITT Super Flashback Arrestors for reliable protection against dangerous reverse gas flow and flashbacks according to DIN EN ISO 5175-1 / DIN EN ISO 5175-2. Every Arrestor 100% tested.

BAM Certified and under surveillance
Certification N°: BAM/ZBA/003/04

The best Flashback Arrestors in the world

- a large surface area flame arrestor FA of stainless steel construction extinguishes any dangerous flashback
- 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 Max. working pressure [bar]	Certification BAM/ZBA/003/04	Connection EN 560 [inch]	Order-No. Super 78	Order-No. Super 90	Weight [g]	Housing-Material	Seal-Material
Super 78 + Super 90*	Acetylene (A) 1.5	✔	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	✔						
	Oxygen (O) Compressed air (D) 10.0	✔	G 1/4 RH	125-016	125-030			
Super 66	Acetylene (A) 2.0	✔	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	✔						
	Oxygen (O) Compressed air (D) 10.0	✔	G 1/4 RH	125-006				

* no Certification BAM

Other connections available upon request

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WITT
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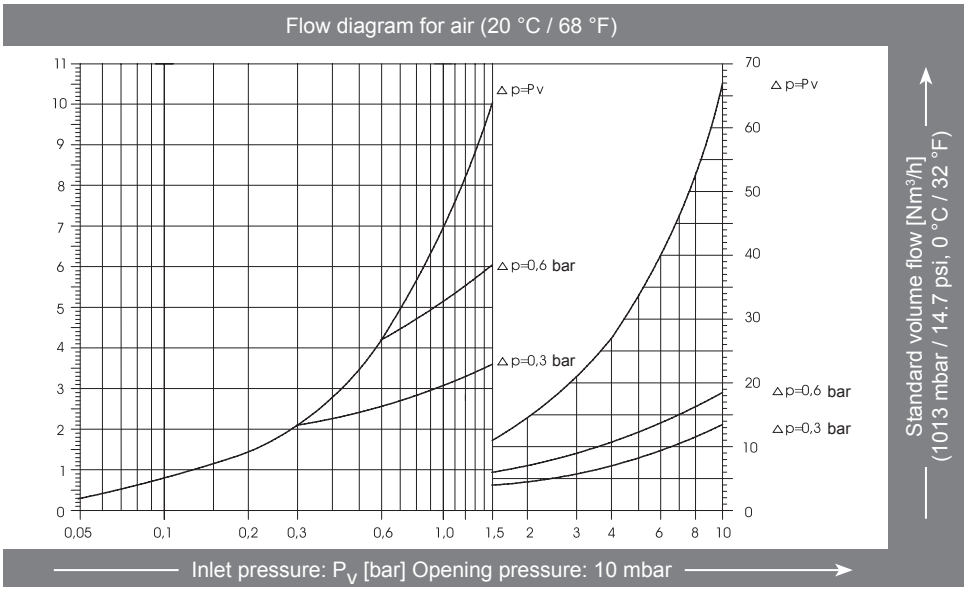
Super 78 and Super 90

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
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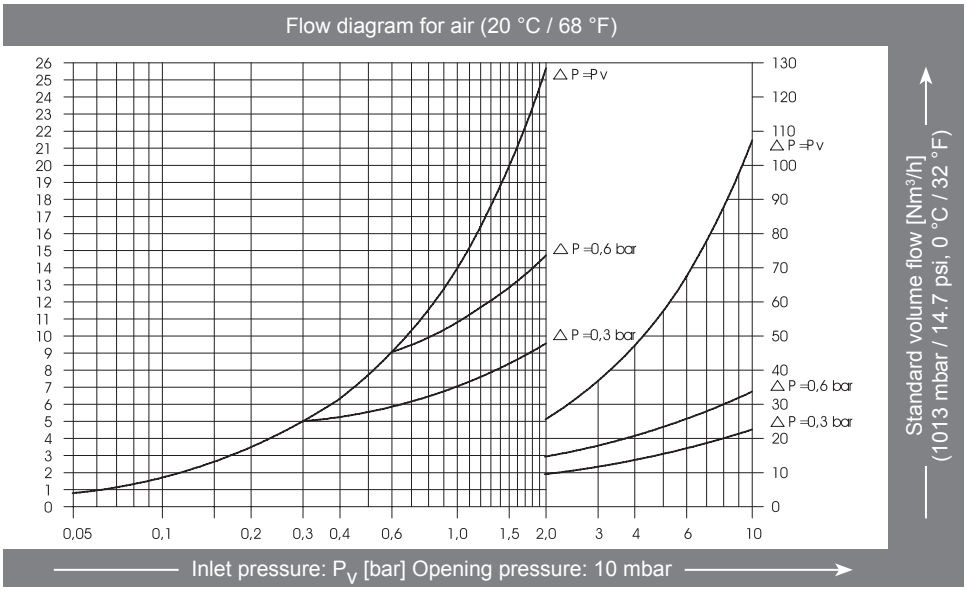
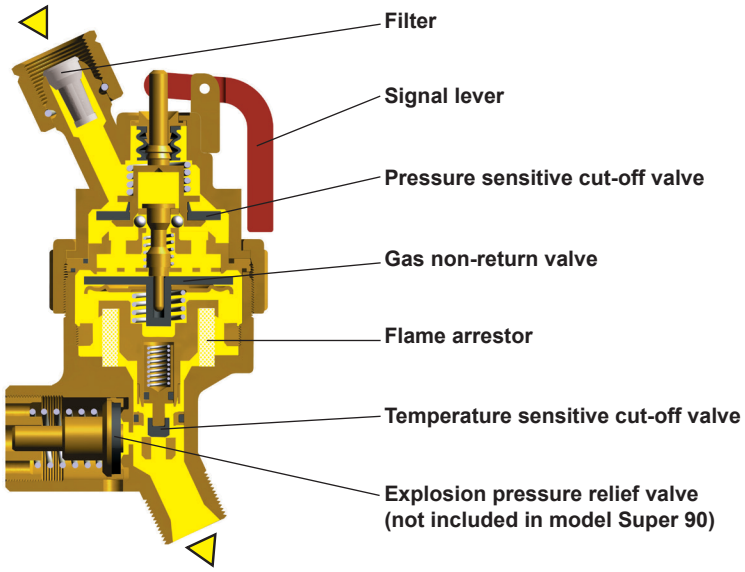


Super 66/78/90



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