

85-20



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

The best Flashback Arrestors in the world

Benefits

- a large surface area flame arrester [FA] of stainless steel construction extinguishes any dangerous flashback entering the device in any direction
- 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

Operation / Usage

- Flashback Arrestors are used to protect gas cylinders and pipeline outlet points (hoses and any equipment) against dangerous reverse gas flow and flashbacks
- for pipeline outlets and single cylinders with high users for example supply units for gas cutting machines

- 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 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

Approvals

Company certified according to ISO 9001:2000, ISO 14001 and PED 97/23/EC module H
CE-marked according to:
- PED 97/23/EC

Product Information

Technical Data

Model	Max. working pressure [PSIG*]	Material	Weight [oz]	Length [INCH]	Connection EN560 [INCH]	Order-No.
85-20	Acetylene (A) 29.01	Brass Elastomer	51.15	5.16	G 1/2 RH / F*	149.002
	Natural Gas (M) 58.01				G 1/2 NPT / F*	149.003
	Oxygen (O) 232.06				G 1 RH / F*	149.004
	Compressed air (D) 232.06		49.38	5.39	G 3/4 LH	149.001
	Acetylene (A) 29.01					
	Natural Gas (M) 58.01					
Ethylene (E) 58.01						
Propane (P) 58.01						
Hydrogen (H) 58.01						

F* = two-sided female thread
Other gases and connections available on request

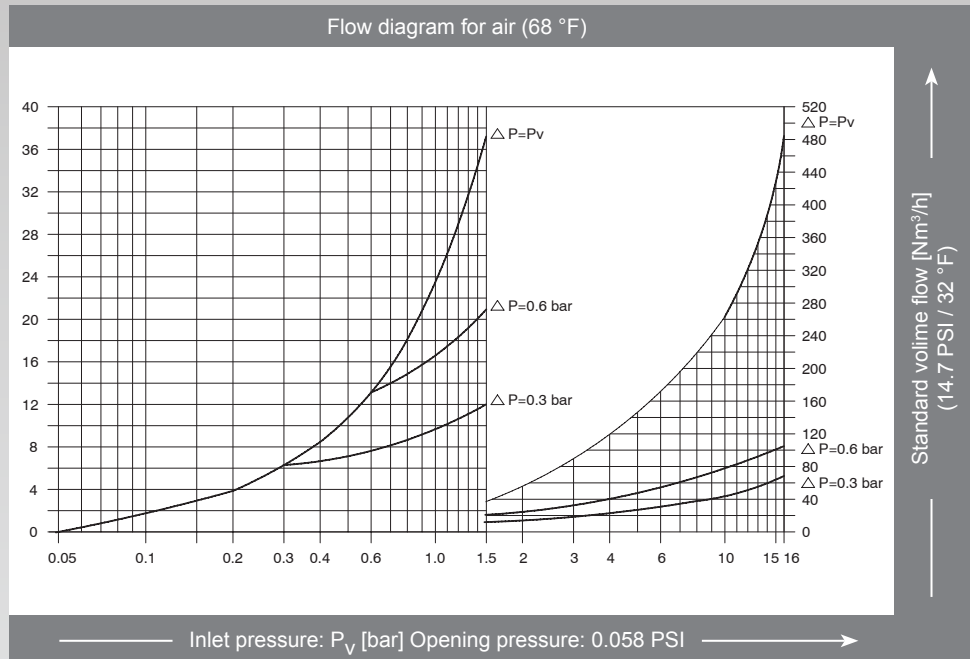
* PSIG = pounds per square inch gauge

C01/A1 subject to change

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Conversion factors:

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



Technical Data

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