Product Information

Technical Data

85-20

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

The best Flashback Arrestors in the world

Benefits

- a large surface area flame arrestor 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 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

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

Model	Max. working pressure [bar]		Material	Weight [g]	Length [inch]	Connection EN560 [inch]	Order-No.
85-20	Acetylene (A)	2.0	Brass Elastomer	1.450	5.16	G 1/2 RH / **F***	149.002
	Natural Gas (M)	4.0		1.450	5.16	G 1/2 NPT / **F***	149.003
	Oxygen (O)	16.0		1.450	5.16	G 1 RH / **F***	149.004
	Compressed air (D)	16.0					
	Acetylene (A)	2.0		1.400	5.39	G 3/4 LH	149.001
	Natural Gas (M)	4.0					
	Ethylene (E)	4.0					
	Propane (P)	4.0					
	Hydrogen (H)	4.0					

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

C01/A1 subject to change

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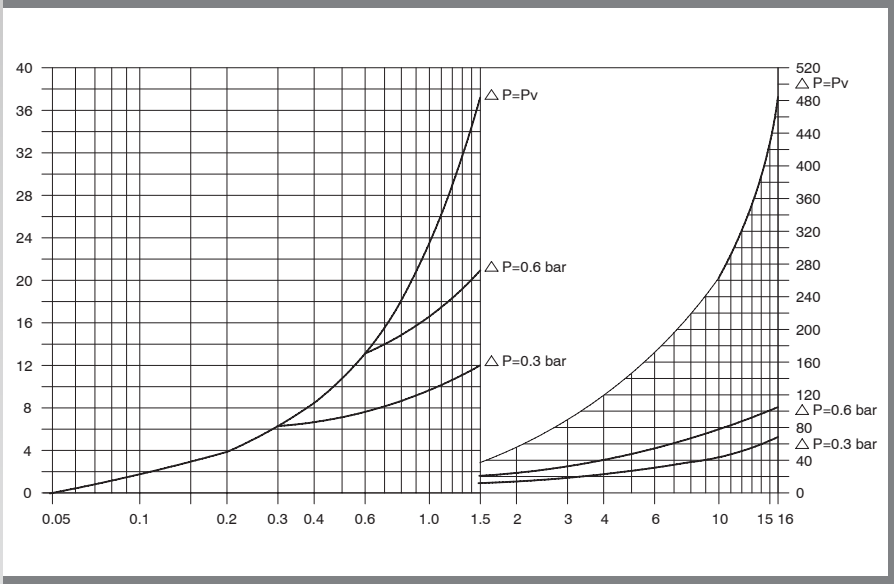
Flow diagram for air (20 °C / 68 °F)



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

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