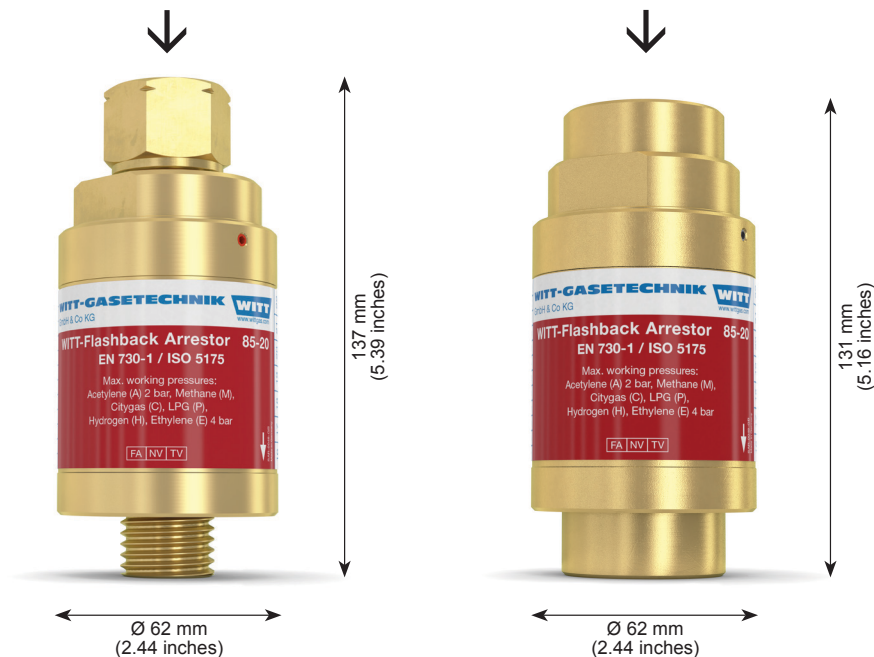


# FLASHBACK ARRESTOR 85-20



**WITT Flashback Arrestors for reliable protection against dangerous reverse gas flow and flashbacks according to DIN EN 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
- 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

## 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 and PED 2014/68/EU module H

CE-marked according to:

- PED 2014/68/EU
- Cleaned for Oxygen Service according to:
- EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

Model	Max. working pressure [bar]	Material	Weight [g]	Length [inch]	Connection EN 560 [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					
	Ethylene (E) 4.0		1 450	5.16	1/2" NPT / F*	149-003
	Propane (P) 4.0					
	Hydrogen (H) 4.0		1 450	5.16	G 1 RH / F*	149-004
	Oxygen (O) 16.0					
	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		1 500		G 3/4 RH	149-014
	Oxygen (O) 16.0					
	Compressed air (D) 16.0					

**F\* = two-sided female thread**

Other gases and connections available upon request

85-20

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

Flow diagram for air (20 °C / 68 °F)

