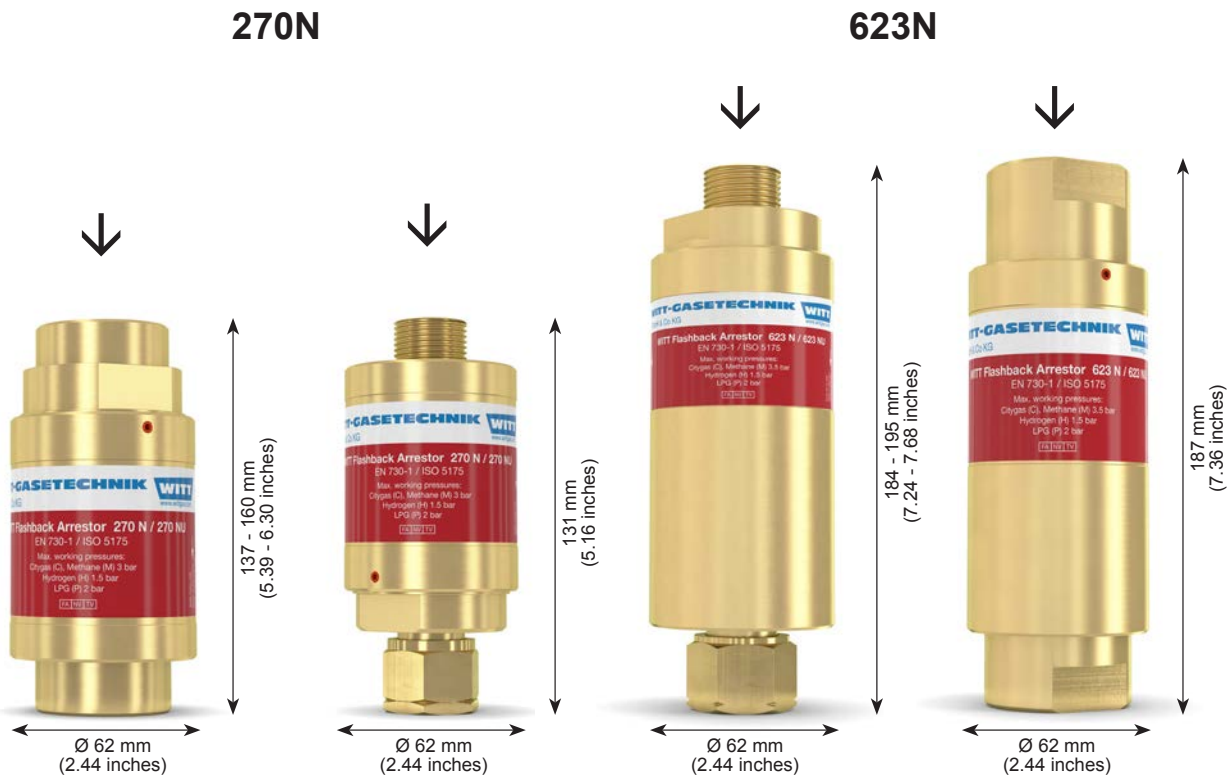


# FLASHBACK ARRESTORS 270N / 623N



**WITT 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
- 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) also in thermal processing systems against dangerous reverse gas flow and flashbacks
- WITT Flashback Arrestors may be mounted in any position /orientation

- 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 97/23/EC Module H  
CE-marked according to:  
- PED 97/23/EC

Model	max. working pressure [bar]	Material	Weight [g]	Length [inches]	Connection EN 560 [Zoll]	Order-No. 270N	Order-No. 270NU	
270N 270NU*	3.0	Brass Elastomer	1,400	5.39	G 3/4 RH	123-038	123-046	
			1,450	5.16	G 1/2 RH / F*	123-054	-	
			1,500	5.75	G 1 RH	123-041	123-047	
			1,400	5.16	G 1 RH / F*	123-057	-	
			1,600	5.87	G 1.1/4 RH	123-039	123-048	
			1,700	6.30	G 1.1/2 RH	123-040	123-049	
	2.0		1.5	1,400	5.39	G 3/4 LH		123-050
	LPG (P)			1,500	5.75	G 1 LH		123-051
				1,600	5.87	G 1.1/4 LH		123-052
				1,700	6.30	G 1.1/2 LH		123-053

F\* = two-sided female thread  
Other connections available upon request

U\* = changed flow direction, from female to male

# FLASHBACK ARRESTORS 270N / 623N



Model	max. working pressure [bar]	Material	Weight [g]	Length [inch]	Connection EN560 [Zoll]	Order-No. 623N	Order-No. 623NU	
623N 623NU*	Town gas (C), Natural Gas, Methane (M)	Brass Elastomer	1,800	7.24	G 3/4 RH	189-006		
			1,900	7.52	G 1 RH	189-008		
			1,850	7.36	G 1 RH / F*	189-017		
			2,100	7.64	G 1.1/4 RH	189-009		
			2,100	7.68	G 1.1/2 RH	189-007		
	LPG (P)		2.0					
	Hydrogen (H)		1.5	1,800	7.28	G 3/4 LH		189-013
				1,900	7.52	G 1 LH		189-012
				2,100	7.64	G 1.1/4 LH		189-014
				2,101	7.68	G 1.1/2 LH		189-015

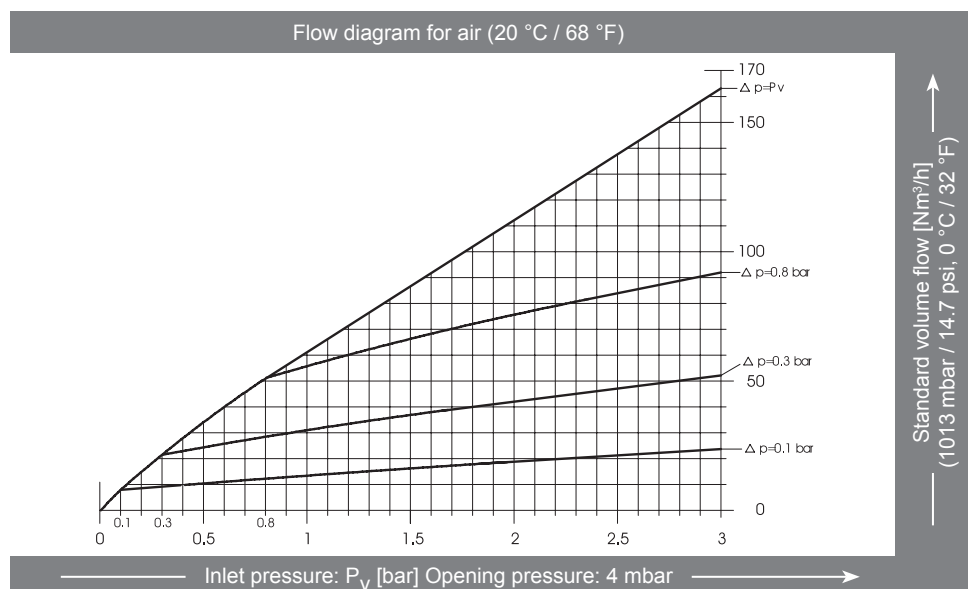
F\* = two-sided female thread

U\* = changed flow direction, from female to male

## 270N

Conversion factors:

Butane	x 0.68
Natural Gas	x 1.25
Methane	x 1.33
Propane	x 0.80
Town gas	x 1.54
Hydrogen	x 3.75



## 623N

Conversion factors:

Butane	x 0.68
Natural Gas	x 1.25
Methane	x 1.33
Propane	x 0.80
Town gas	x 1.54
Hydrogen	x 3.75

