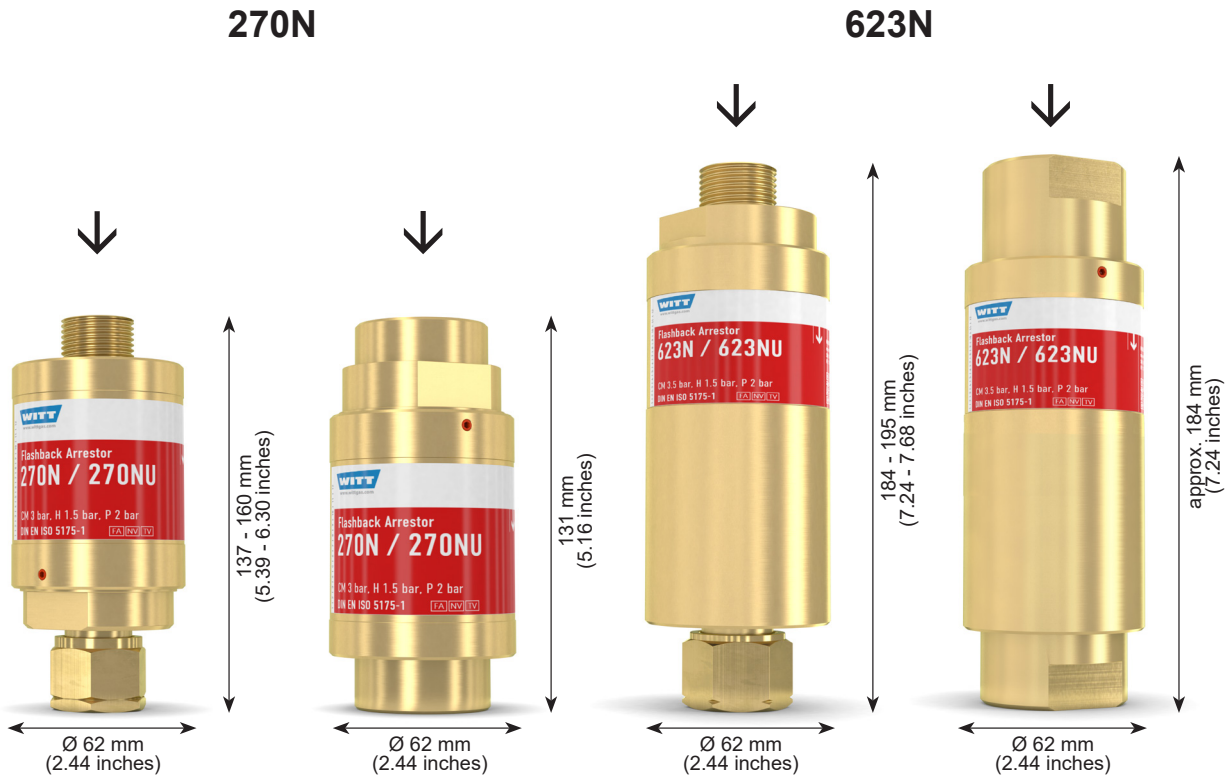


FLASHBACK ARRESTORS 270N / 623N



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

- 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 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 2014/68/EU Module H
 CE-marked according to:
 - PED 2014/68/EU

Model	max. working pressure [bar]	Material	Weight [g]	Length [inches]	Connection EN 560 [Zoll]	Order-No. 270N	Order-No. 270NU	
270N 270NU*	Town gas (C), Natural Gas, Methane (M)	Brass Elastomer	1400	5.39	G 3/4 RH	123-038	123-046	
			1450	5.16	G 1/2 RH / F*	123-054	-	
			1500	5.75	G 1 RH	123-041	123-047	
			1400	5.16	G 1 RH / F*	123-057	-	
			1600	5.87	G 1.1/4 RH	123-039	123-048	
			1700	6.30	G 1.1/2 RH	123-040	123-049	
	LPG (P)		2.0					
	Hydrogen (H)		1.5	1400	5.39	G 3/4 LH		123-050
				1500	5.75	G 1 LH		123-051
				1600	5.87	G 1.1/4 LH	-	123-052
1700		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

ST5 - I01/2K subject to change

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	1800	7.24	G 3/4 RH	189-006	-	
			1900	7.52	G 1 RH	189-008		
			1850	7.36	G 1 RH / F*	189-017		
			2100	7.64	G 1.1/4 RH	189-009		
			2100	7.68	G 1.1/2 RH	189-007		
	LPG (P)		2.0	1800	7.28	G 3/4 LH	-	189-013
				1900	7.52	G 1 LH		189-012
				2100	7.64	G 1.1/4 LH		189-014
				2101	7.68	G 1.1/2 LH		189-015
				Hydrogen (H)	1.5	1800		7.28
1900	7.52	G 1 LH	189-012					
2100	7.64	G 1.1/4 LH	189-014					
2101	7.68	G 1.1/2 LH	189-015					

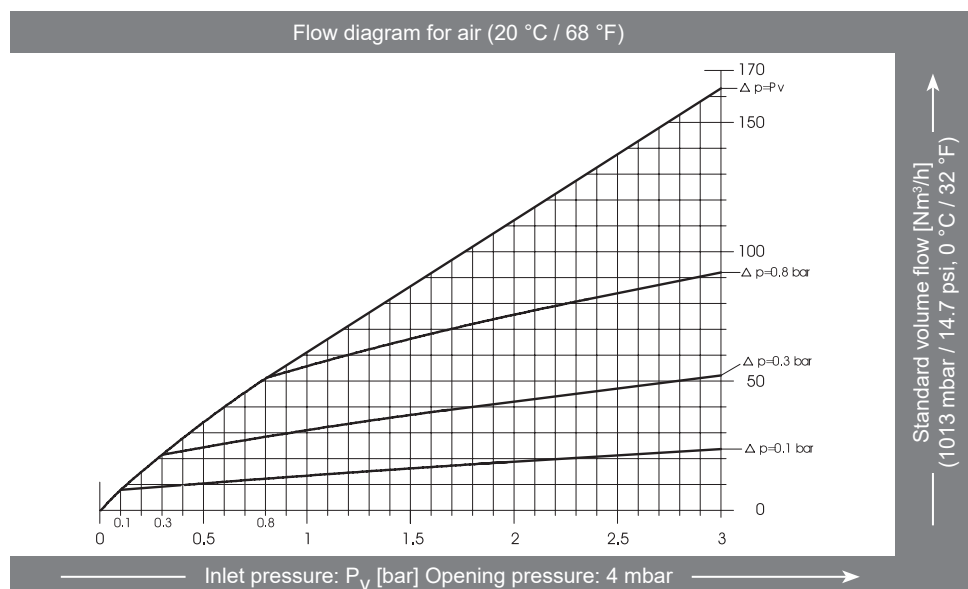
F* = two-sided female thread

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

