

Parallel connection from 2, 4 or 5 Flashback Arrestors model 623N

WITT Safety groups for reliable protection against dangerous reverse gas flow and flashbacks according to DIN EN ISO 5175-1.

For applications with high flow rates.

Every safety group 100% tested.

Benefits

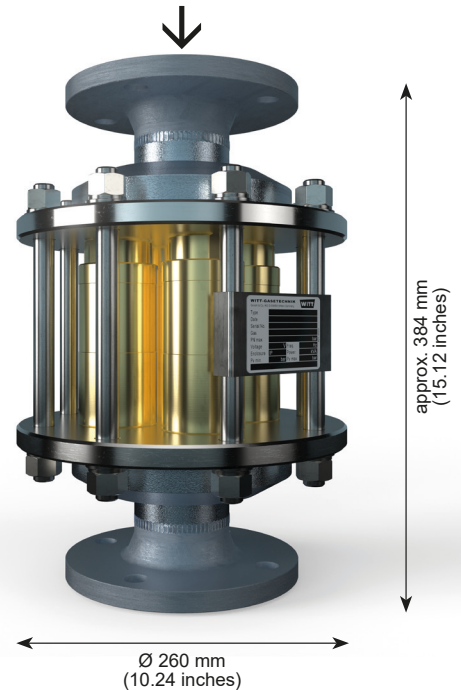
- a large surface area flame arrestor **[FA]** of stainless steel construction extinguishes any dangerous flashback
- a temperature sensitive cut-off valve **[TV]** extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level
- a spring loaded non-return valve **[NV]** prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply

Operation / Usage

- in central gas supplies (behind the manifold pressure regulator or in a pipeline system)
- in thermal processing systems according to EN 746-2 (cutting machines, furnace supply equipment)
- WITT safety groups may be mounted in any position / orientation in pipelines / supply pipes
- the maximum ambient / working temperature is 60 °C / 140 °F

Maintenance

- annual testing of the non-return valve, body leak tightness and flow capacity is recommended
- safety groups are only to be serviced by the manufacturer



Options

- flange end connections (nominal diameter 32 - 65)
- connection: two-sided female thread (G-; NPT-thread; Rc-thread)

Approvals

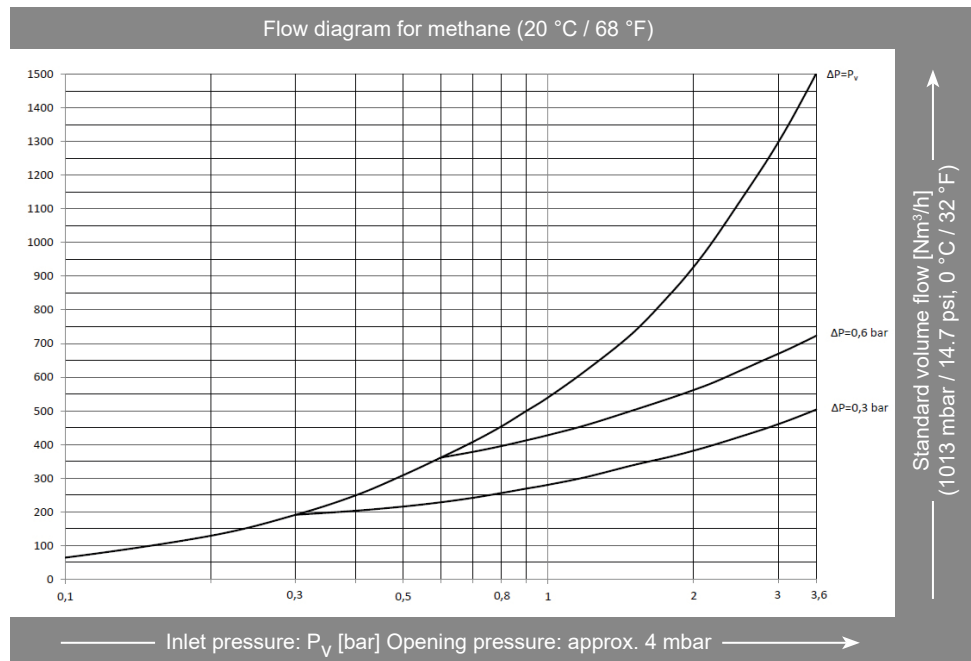
Company certified according to ISO 9001 and PED 2014/68/EU Module H
CE-marked according to:
- PED 2014/68/EU

Model	Max. working pressure [bar]	Material	Weight [kg]	Length [mm]	Connection	Order-No.
645 2-fold (2 x 623N)	Town gas (C) Natural gas (M) 2.0	Steel Brass Elastomer	40	upon request	flange DN 65 / PN16	182-029
645 4-fold (4 x 623N)	Town gas (C) Natural gas (M) 2.0		44		flange DN 65 / PN16	182-013
645 5-fold (5 x 623N)	Town gas (C) Natural gas (M) 3.6		46		flange DN 65 / PN16	182-018
645 5-fold (5 x 623N)	Town gas (C) Natural gas (M) 1.5		31		Rc 1.1/2" F	182-031

Other connections and pressures available upon request

645

Example
(5 x 623N) 182-018



645

Example
(5 x 623N) 182-031

