

## Parallel connection from 4 or 5 Flashback Arrestors model 623N

WITT Safety groups for reliable protection against dangerous reverse gas flow and flashbacks according to EN 730-1 / ISO 5175.

For applications with high flow rates.

Every safety group 100% tested.

### Benefits

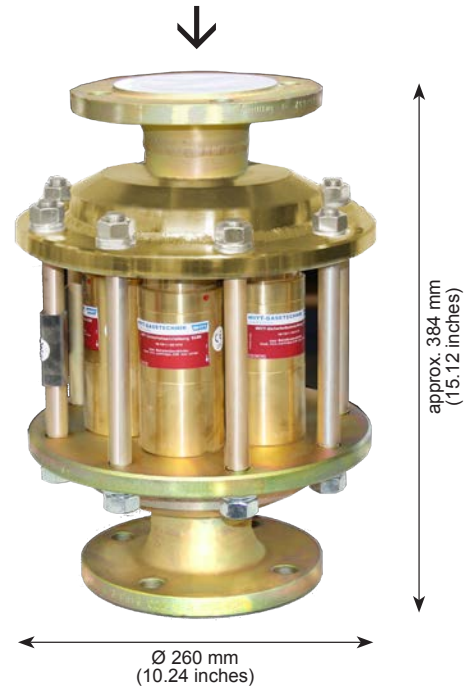
- a large surface area flame arrestor [FA] of stainless steel construction extinguishes any dangerous flashback entering the device in any direction
- a temperature sensitive cut-off valve [TV] extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous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

### Operation / Usage

- 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 70 °C / 158 °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

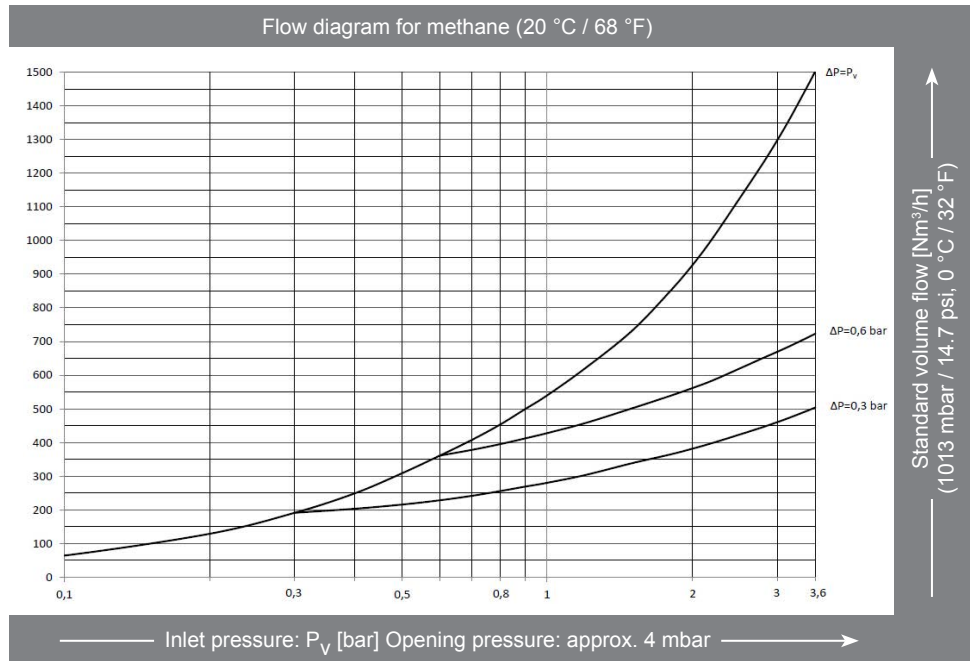
Company certified according to ISO 9001 and PED 97/23/EC Module H  
CE-marked according to:  
- PED 97/23/EC

Model	Max. working pressure [bar]	Material	Weight [kg]	Length [mm]	Connection	Order-No.
645 4- fold (4 x 623N)	Town gas (C) Natural gas (M) 1.5	Steel Brass Elastomer	44	on request	flange DN 65 / PN16	182-014
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

