

**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**

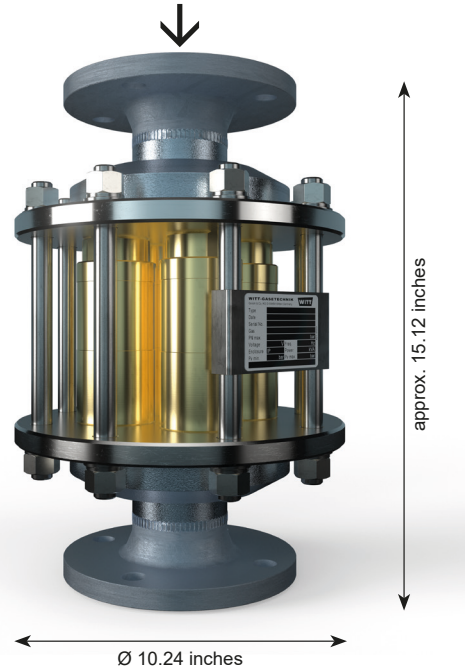
- a large surface area flame arrestor **[FA]** of stainless steel construction extinguishes any dangerous flashback
- a temperature sensitive cut-off valve **[TV]** extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level
- a spring loaded non-return 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 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**

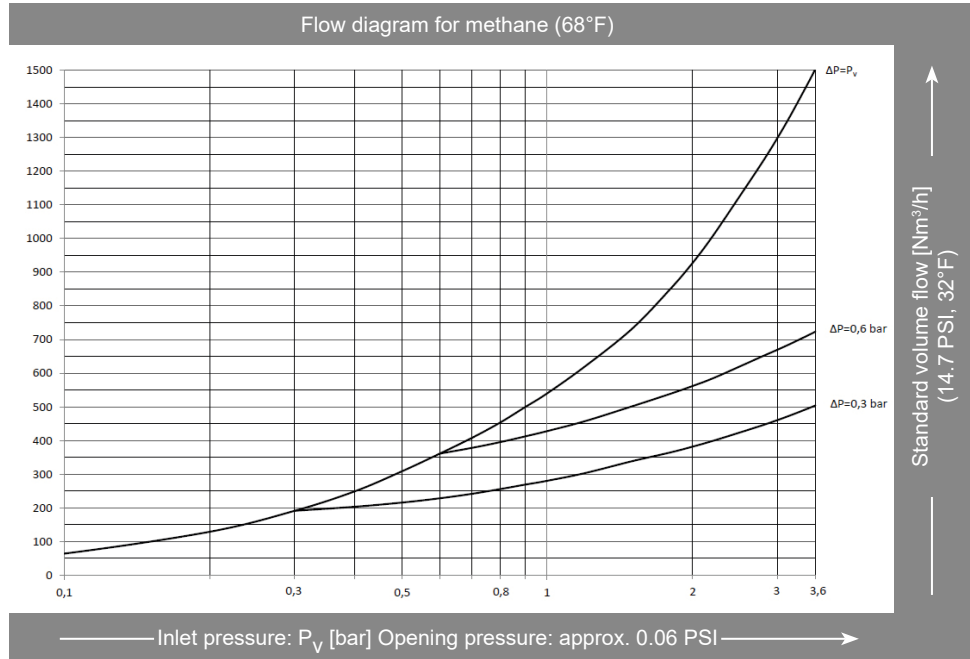
Company certified according to ISO 9001 and PED 2014/68/EU Module H  
 CE-marked according to:  
 - PED 2014/68/EU

Model	Max. working pressure [PSI]	Material	Weight [oz]	Length [inch]	Connection	Order-No.
<b>645 2-fold</b> (2 x 623N)	Town gas (C) Natural gas (M) 29	Steel Brass Elastomer	1 411	upon request	flange DN 65 / PN16	182-029
<b>645 4-fold</b> (4 x 623N)	Town gas (C) Natural gas (M) 29		1 552		flange DN 65 / PN16	182-013
<b>645 5-fold</b> (5 x 623N)	Town gas (C) Natural gas (M) 52		1 623		flange DN 65 / PN16	182-018
<b>645 5-fold</b> (5 x 623N)	Town gas (C) Natural gas (M) 22		1 093		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

