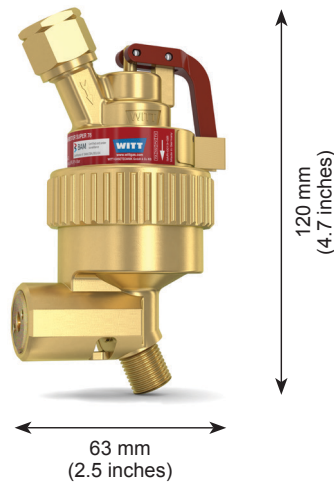
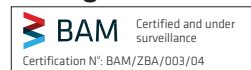


# FLASHBACK ARRESTOR SUPER 78



**WITT Super Flashback Arrestors for reliable protection against dangerous reverse gas flow and flashbacks according to DIN EN ISO 5175-1, DIN EN ISO 5175-2. 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
- after any flashback or reverse gas flow, a pressure sensitive cut-off valve [PV] immediately cuts off the gas supply, preventing further danger
- a red signal lever indicates the operation of the pressure sensitive cut-off valve
- the resetting of the arrestor by the lever allows the user to resume safe work immediately after fixing the cause of the flashback or the reverse gas flow
- a temperature sensitive cut-off valve [TV] extinguishes sustained flashbacks long before the internal temperature of the arrestor reaches a dangerous level
- a spring loaded non-return valve [NV] prevents slow or sudden reverse gas flow from forming explosive mixtures in the gas supply
- a filter at the gas inlet protects the arrestor against dirt contamination, extending the service life
- a pressure relief valve [RV] vents excessive pressure and soot into the atmosphere, protecting the hose from bursting and the flame arrestor from clogging up, thus maintaining the flow rate

### Operation / Usage

- Super Flashback Arrestors are used to protect gas cylinders and pipeline outlet points (hoses and any equipment) against dangerous reverse gas flow and flashbacks
- WITT Flashback Arrestors may be mounted in any position/orientation
- only one piece of equipment may be connected to a single Flashback Arrestor
- the maximum ambient/working temperature is 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; the dirt filter may be replaced by competent staff

### Approvals

Company certified according to ISO 9001  
 Cleaned for Oxygen Service according to:  
 - EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

Model	Gas type Max. working pressure [PSI]		BAM certified	Connection [inch]	Part No.	Weight [oz]	Housing Material	Seal Material
Super 78	Acetylene (A)	21	BAM/ZBA/003/04	9/16"-18 UNF LH (B-size)	125-012	23	Brass	Elastomer
	LP (Propane)	58						
	Natural gas (M) Hydrogen (H)	72		9/16"-18 UNF RH (B-size)	125-019			
	Oxygen (O)	145						

Other connections available upon request

ST1 - USA G04/J8 subject to change

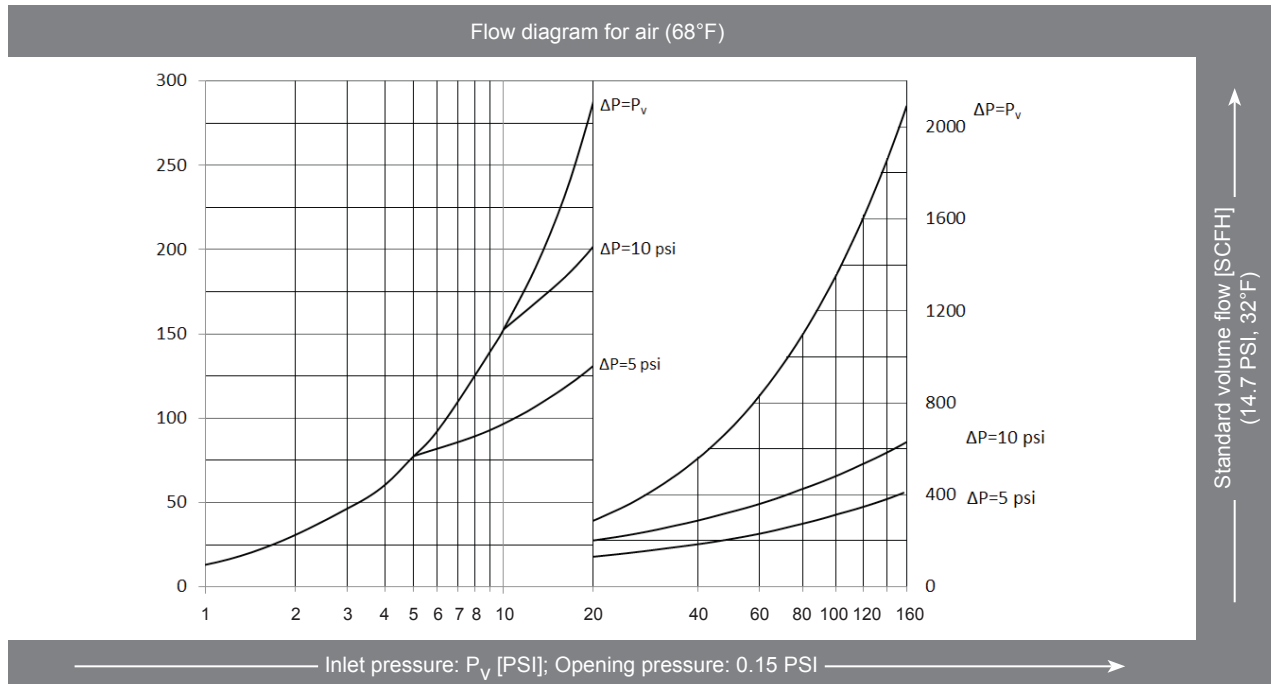
# FLASHBACK ARRESTOR SUPER 78



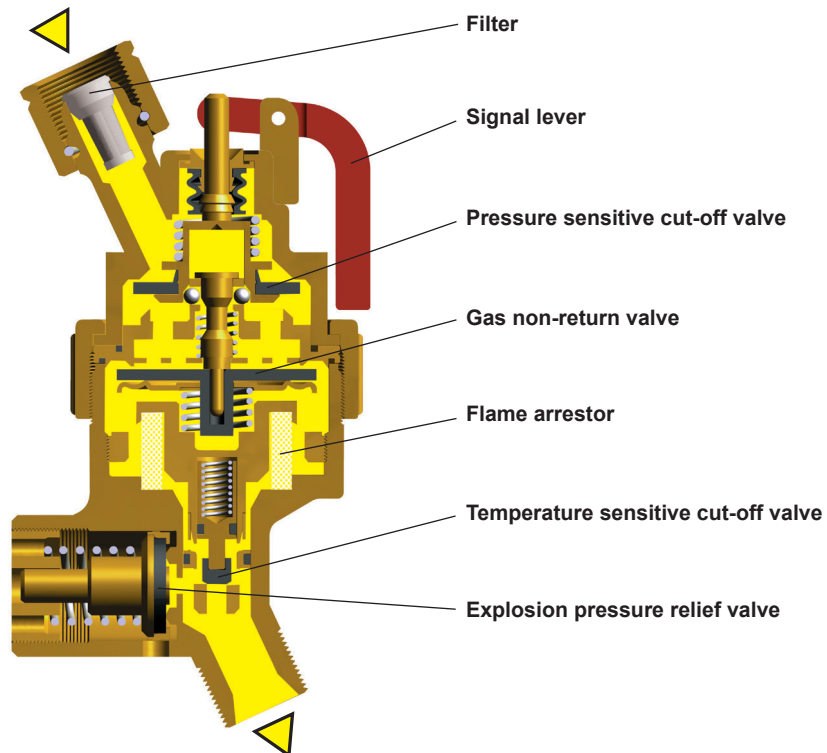
## Super 78

Conversion factors:

Acetylene	x 1.04
Butane	x 0.68
Natural Gas	x 1.25
Methane	x 1.33
LP (Propane)	x 0.80
Oxygen	x 0.95
Hydrogen	x 3.75



## Super 78



ST1 - USA G04/J8 subject to change