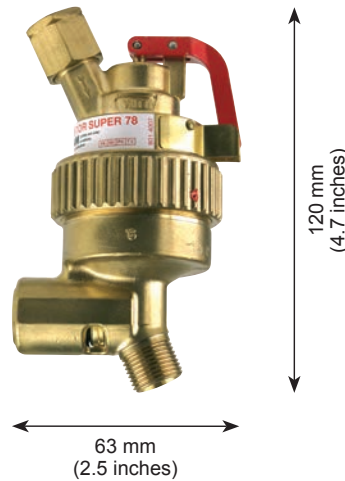


FLASHBACK ARRESTOR SUPER 78



WITT Super Flashback Arrestors for reliable protection against dangerous reverse gas flow and flashbacks according to EN 730-1, ISO 5175, UL 1357/1358. 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 entering the device in any direction
- 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 | | UL listed / BAM certified | Connection [inch] | Part No. | Weight [oz] | Housing Material | Seal Material |
|----------|---------------------------------|-----|---------------------------|-------------------------------------|--------------------------|-------------|------------------|---------------|
| | Max. working pressure [PSI] | | | | | | | |
| Super 78 | | UL | BAM | UL 20110503-MH10017; BAM/ZBA/003/04 | 9/16"-18 UNF LH (B-size) | 23 | Brass | Elastomer |
| | Acetylene (A) | 15 | 21 | | | | | |
| | LP (Propane) | 50 | 58 | | | | | |
| | Natural gas (M) Hydrogen (H) | 50 | 72 | | | | | |
| | Oxygen (O) | 150 | 145 | | 9/16"-18 UNF RH (B-size) | 125-019-UL | | |

Other connections available upon request

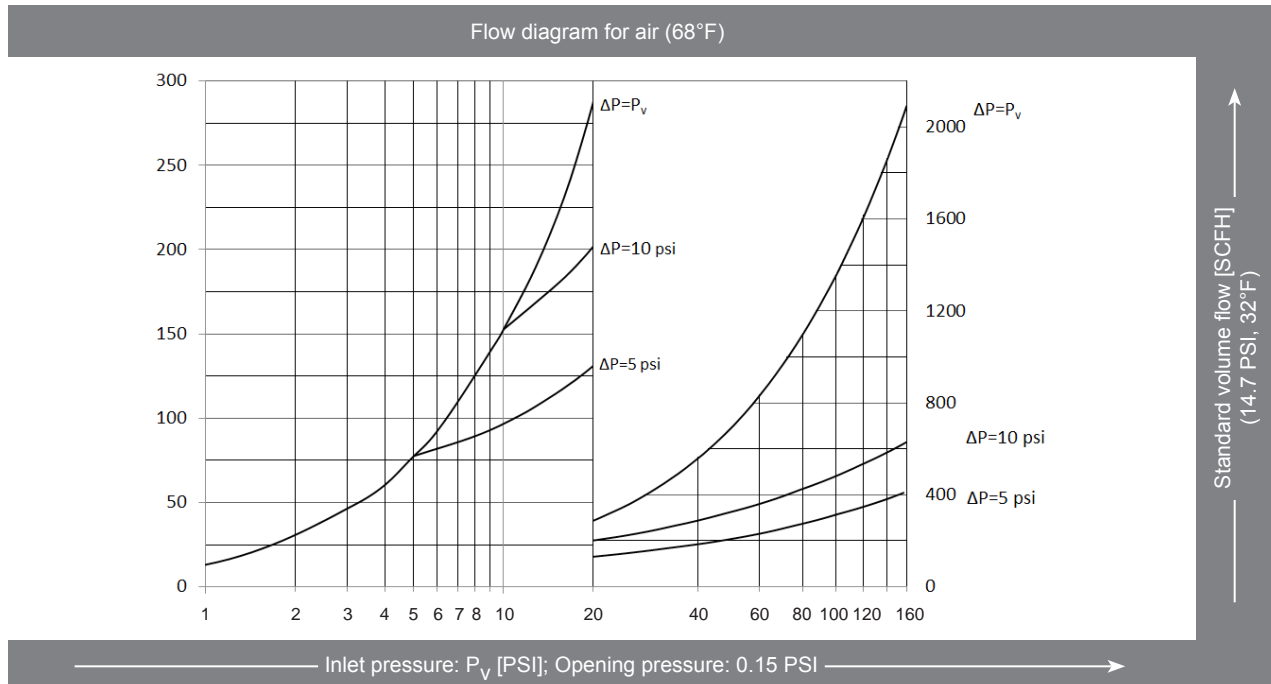
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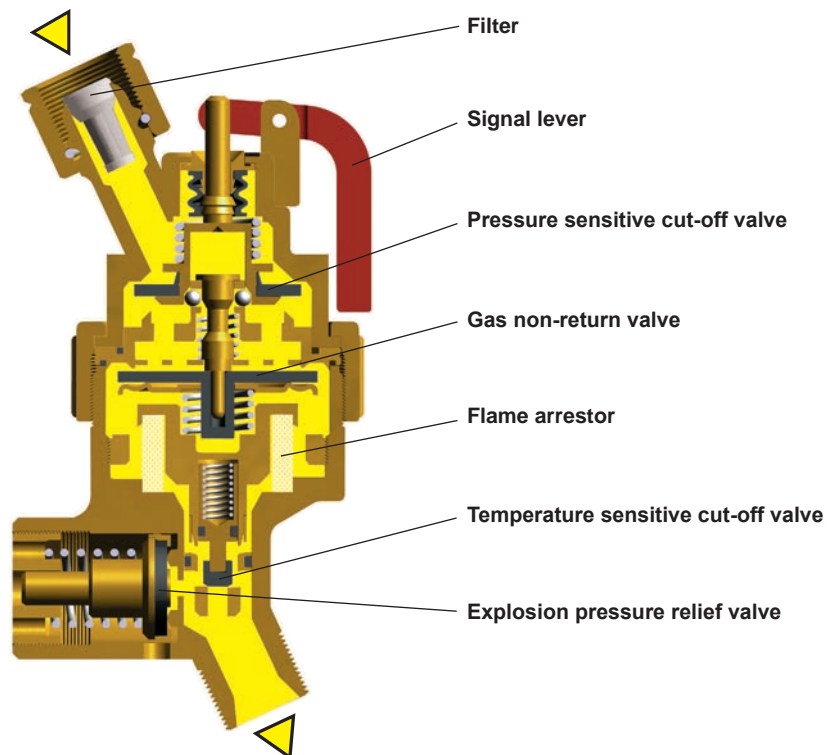
Super 78

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 E01/A6 subject to change