

Safety device to UL 23Y5, EN 730-1, ISO 5175

Model: **SIMAX-3**

For Protection of Tapping Points, Distribution lines and Manifolds.



86 mm x 166 mm, 7.8 lbs.



The SIMAX series of flashback arrestors provides a full range of dry type (no water or fluid to check or replenish) flashback, gas reverse flow, and hose burn back protection in a compact economical package. SIMAX series flashback arrestors are approved safety devices under ANSI Z49.1:2005 safety guidelines and help meet OSHA, NFPA, and other strict industry safety standards. They are ideal for high volume gas flow applications in pipelines and manifolds.

Safety elements:

- Gas non-return valve NV
- Flame arrestor FA
- Thermal cut-off valve TV

Dust filter promotes long life

Threads:

In accordance with UL 23Y5, EN 560, ISO 3253 for common connections

Fuel Gas: 1" NPT

Oxygen/ Compressed Air: 1" NPT

For additional connections please contact Superflash at (440) 716-9960 or toll free at 888/327-7306.

Gas-Types:

Acetylene (A), Town Gas (C), Compressed Air (D), Ethylene (E), Hydrogen (H), Natural Gas (Methane) (M), Oxygen (O), Propane (P), MPS Methylacetylen- Propadien- Mixture (Y)

Working Pressure:

Acetylene 15 PSIG; Hydrogen 50 PSIG; LPG 50 PSIG; Natural Gas 50 PSIG, Propane 50 PSIG, Propylene 50 PSIG, Oxygen 143 PSIG

Maintenance:

Annual examination for damage using SuperFlash's PVGD According to TRAC 207, 9.36 and BGV D1, § 49 Safety devices may be opened and repaired by the manufacturer only.

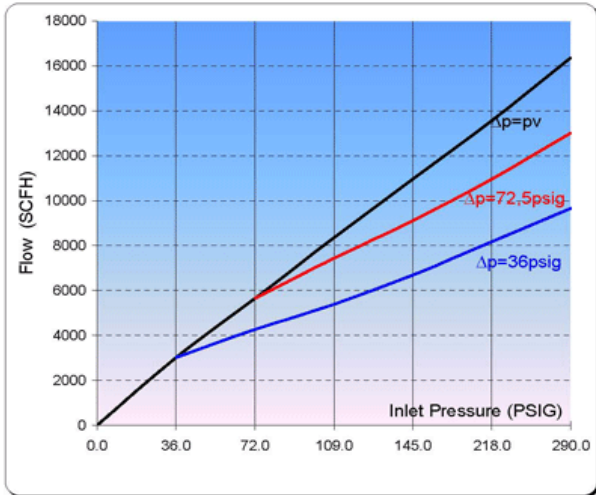
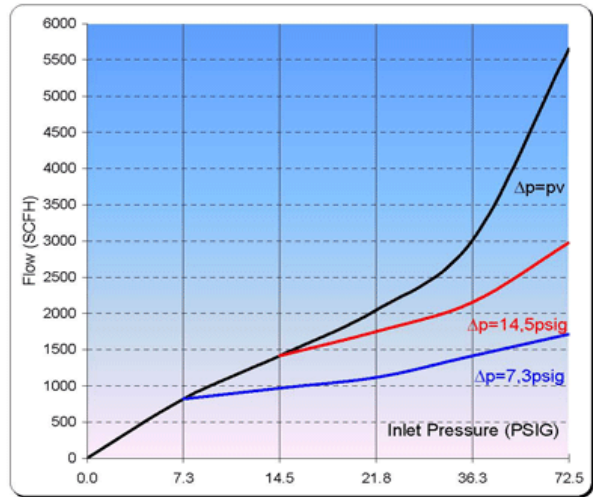
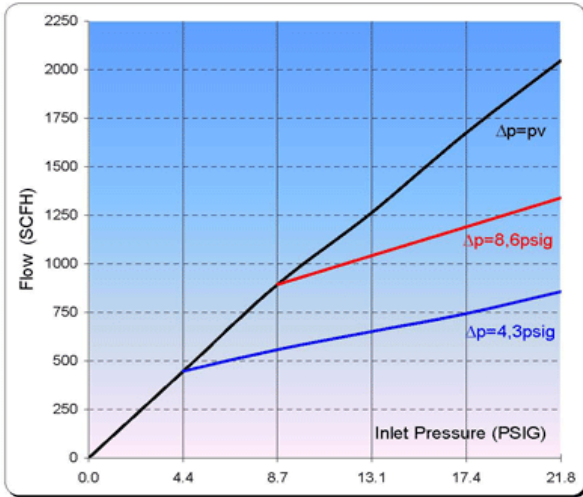
Design:

Other materials and surface finishing on request.

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Flow-Rate Data:



Conversion Factor:

(A) Acetylene C ₂ H ₂ :	x 1.04
(C) Town Gas:	x 1.54
(E) Ethylen	x 1.02
(H) Hydrogen H ₂ :	x 3.75
(M) Methane: CH ₄	x 1.33
(P) Propane C ₃ H ₈ :	x 0.80
(M) Natural Gas	x 1.25
(Y) MAPP-Gas C ₃ H ₄	x 0.81
(O) Oxygen: O ₂	x 0.95

1 bar = 14.28 psi

1 bar = 100 kPa

1 m³ = 1.31 cu.yd