

Safety Device to U/L 23Y5, EN 730-1, ISO 5175

Model: **DEMAX**

For protection of Cylinder-Regulators and Tapping Points.



64 mm x 111 mm, 3.5 lbs.

Threads:

In accordance with EN 560, ISO 3253 for common connections

Fuel Gas: 1" NPT, 7/8" LH, G3/8"LH, G 1" RH

Oxygen/ Compressed Air: 1" NPT, 7/8" RH, G3/8"LH, G 1" RH

For additional connections please contact Superflash at (440) 716-9960, toll free at (888) 327-7306, or by email sales@oxyfuelsafety.com

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; 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.



The DEMAX is designed for high gas volume pipelines and tapping points to help meet ANSI Z49.1 2005 safety guidelines, OSHA, NFPA and other strict industry standards. It can be used in manifold systems and pipelines. It includes an inlet filter, reverse flow check valve, flame barrier, and thermal cut off in one compact brass body. One (1") NPT female inlet and outlet makes installation easy. Plus a wide variety of connections can be factory installed including the CGA "C" size (7/8" – 14 LH or RH, Swagelock etc.), on request.

Highlights:

- Gas non-return valve
- Flame arrestor
- Thermal cut-off valve

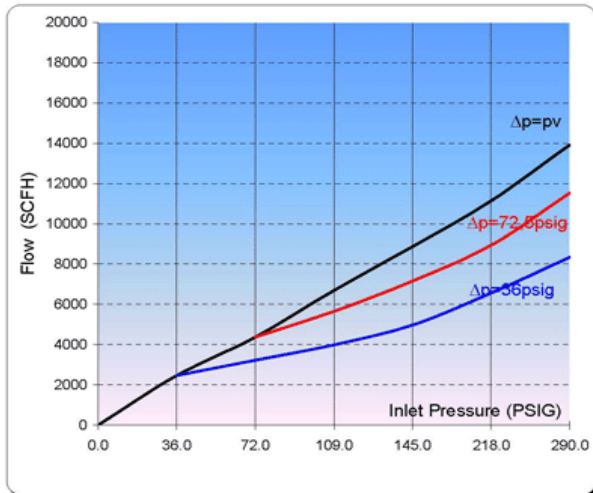
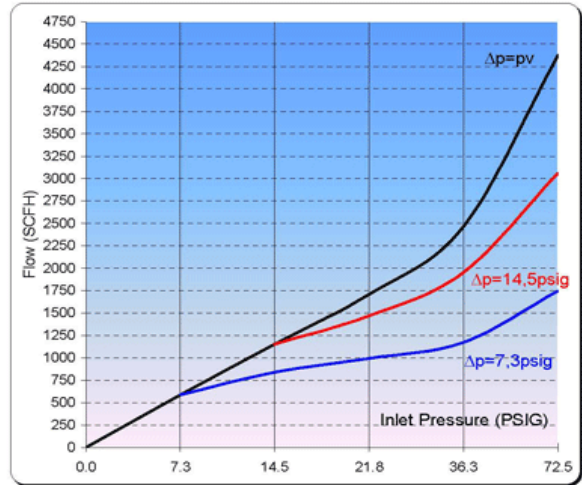
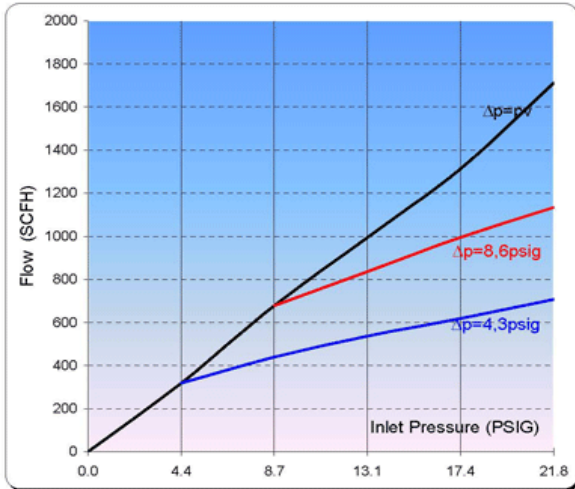
NV
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TV

Dust filter promotes long life

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Flow-Rate Data:



Conversion Factor:

(A) Acetylene C_2H_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_3H_8 :	x 0.80
(M) Natural Gas	x 1.25
(Y) MAPP-Gas C_3H_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