

**Safety device to UL 23Y5, EN 730-1, ISO 5175**  
**Model: DS 1000**  
**with pressure sensitive gas cut-off valve**

For Protection of Cylinder-Regulators and Tapping Points.



The type DS 1000 can be used on tapping points as well as on single cylinders.

**Highlights:**

- Gas non-return valve NV
- Flame arrestor FA
- Thermal cut-off valve TV
- Pressure sensitive gas cut-off system PV

**Dust filter promotes long life**

**Threads:**

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

Fuel Gas: UNF 9/16" – 18LH, 1/4" NPT, G3/8"LH, M16X1.5LH, UNF5/8"-18LH

Oxygen/ Compressed Air: UNF9/16" – 18RH, 1/4" NPT, G1/4"RH, G3/8"RH, M16X1.5RH, UNF5/8"-18RH

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:**

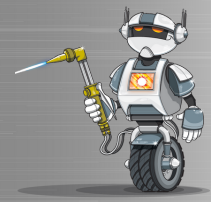
Acetylene 15 PSIG; Hydrogen 50 PSIG; LPG 50 PSIG; Oxygen 143 PSIG

**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.

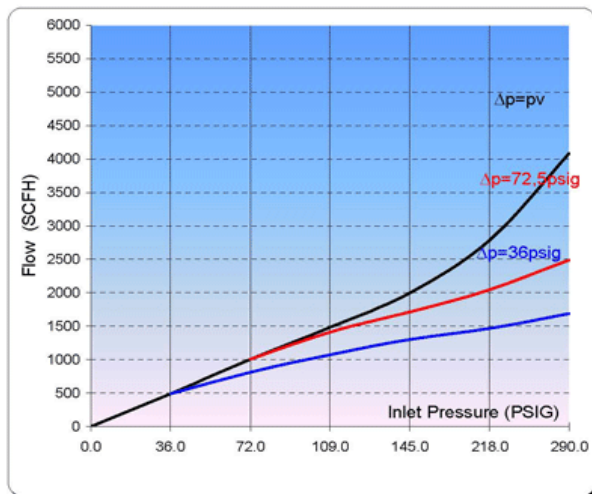
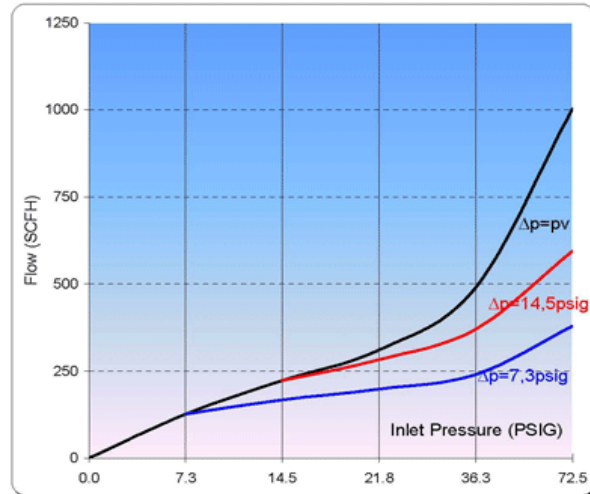
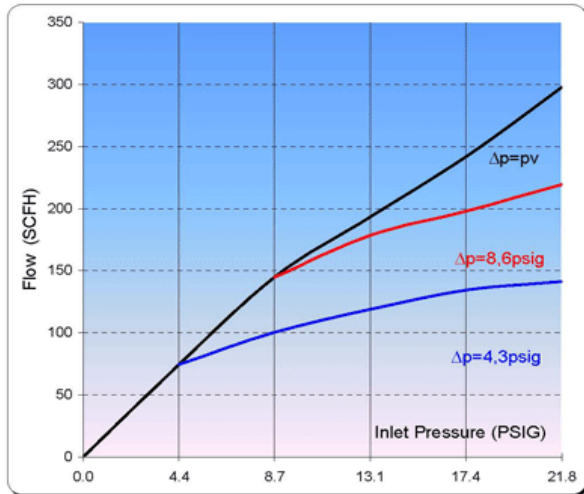


## Safety device to UL 23Y5 EN 730-1, ISO 5175

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### Flow-Rate Dates:



### Conversion Factors:

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

1 bar = 14.28 psi

1 bar = 100 kPa

1 m<sup>3</sup> = 1.31 cu.yd