



3 FUNCTION FLASHBACK ARRESTOR  
**GCE SAFE-GUARD-3**

EDITION 1/2015

The GCE SAFE-GUARD-3 for regulator mounting contains multiple safety functions for protection of cylinder regulators, tapping points and distribution lines. The GCE SAFE-GUARD-3 complies fully to European standard EN730-1.

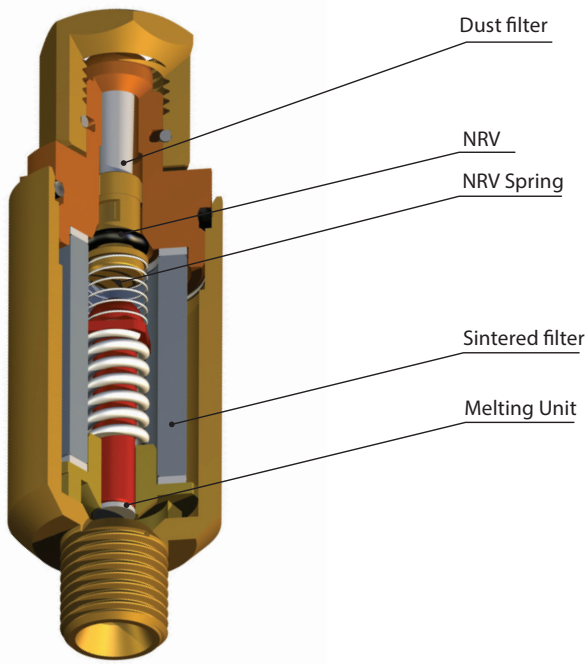
**FUNCTIONS**

- Flame arresting element FA
- Non return valve NV
- Temperature sensitive cut off valve TV
- Dust filter

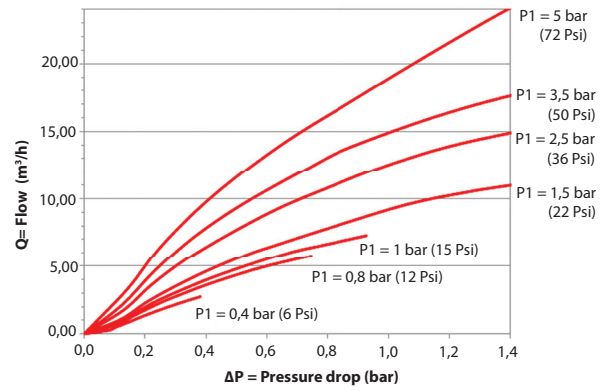


# GCE SAFE-GUARD-3

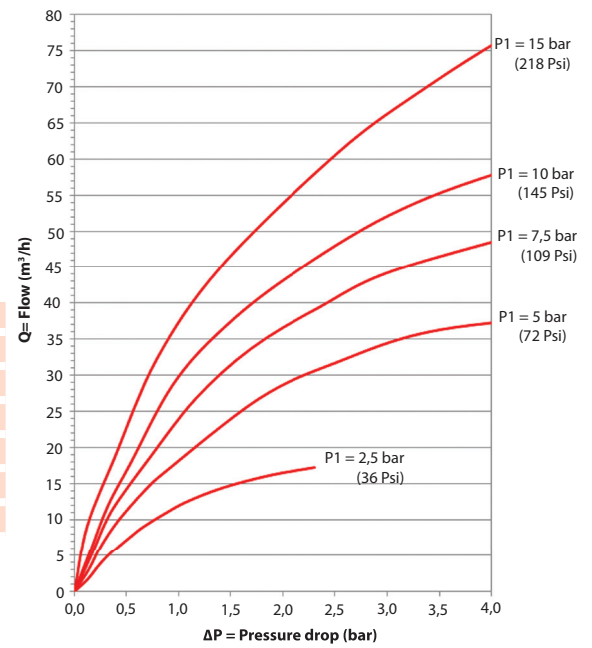
## INTERNAL SAFETY DEVICES



## FLOW CHART GAS



## OXYGEN



Art. Nr.	Gas	Working pressure	Inlet connection	Outlet connection
0764469	Oxygen	25 bar	G1/4" F	G1/4" M
0764470	Oxygen	15 bar	G3/8" F	G3/8" M
0764472	Oxygen	15 bar	M16×1,5 F	M16×1,5 M
0764474	Oxygen	25 bar	9/16" UNF F	9/16" UNF M
0764471	Fuel	A: 1,5 bar; PM: 5 bar; H: 3,5 bar	G3/8" LH F	G3/8" LH M
0764473	Fuel	A: 1,5 bar; PM: 5 bar; H: 3,5 bar	M16×1,5 LH F	M16×1,5 LH M
0764475	Fuel	A: 1,5 bar; PM: 5 bar; H: 3,5 bar	9/16" UNF LH F	9/16" UNF LH M

A: Acetylene; H: Hydrogen; PM: Methane Propane

## CONVERSION COEFFICIENT

	OXYGEN	HYDROGEN	ACETYLENE
Gas	O <sub>2</sub>	H <sub>2</sub>	C <sub>2</sub> H <sub>2</sub>
Coefficient	× 0,95	× 3,75	× 1,04
	PROPANE	METHANE	ETHYLENE
Gas	C <sub>3</sub> H <sub>8</sub>	CH <sub>4</sub>	C <sub>2</sub> H <sub>4</sub>
Coefficient	× 0,8	× 1,33	× 1,02



Gas Control Equipment

GCE world-wide: <http://www.gcegroup.com>