



Gas Control Equipment



5 FUNCTION FLASHBACK ARRESTORS

SAFE-GUARD-5

The latest innovation from GCE the GCE SAFE-GUARD-5 offers the maximum level of protection required by ISO 5175-1 to prevent dangerous flashbacks from reaching the regulator and cylinder supply sources.

FEATURES

There are many conditions that can cause a flashback, fitting a SG5 flashback arrestor is the highest level of safety;

- Maximum number of safety features defined by ISO 5175-1
- High visibility trip/reset lever coupled with quick acting reset even when pressurised
- Angled inlet to minimise hose damage
- 100% production flame tested for Flashback resistance
- Inspection dates can be marked on product for easy reference

FUNCTIONS

- | | |
|---|----|
| • Flame arresting element | FA |
| • Non return valve | NV |
| • Pressure sensitive cut off valve | PV |
| • Temperature sensitive cut off valve | TV |
| • Reset mechanism to clearly advise unit activation | RM |



GCE SAFE GUARD 5

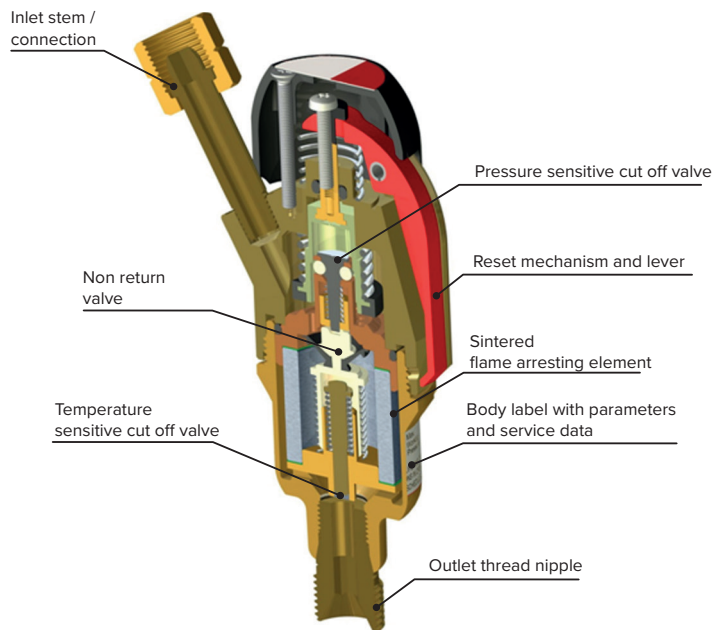
Art. Nr.	Gas	Inlet connection	Outlet connection	Country
0764456	Fuel	G3/8" LH F	G3/8" LH M	Europe
0764457	Oxygen	G3/8" F	G3/8" M	Europe
0764458	Oxygen	G1/4" F	G1/4" M	Europe
0764461	Fuel	9/16" UNF LH F	9/16" UNF LH M	America
0764462	Oxygen	9/16" UNF F	9/16" UNF M	America
0764463	Oxygen	M16×1,5 F	M16×1,5 M	France, China
0764464	Fuel	M16×1,5 LH F	M16×1,5 LH M	France, China

CONVERSION COEFFICIENT

	OXYGEN	HYDROGEN	ACETYLENE
Gas	O ₂	H ₂	C ₂ H ₂
Coefficient	x 0,95	x 3,75	x 1,04

	PROPANE	METHANE	ETHYLENE
Gas	C ₃ H ₈	CH ₄	C ₂ H ₄
Coefficient	x 0,8	x 1,33	x 1,02

INTERNAL SAFETY DEVICES



TECHNICAL DATA

GAS OPTIONS AND SERVICE PRESSURE

RIGHT HAND	
Oxygen	10 bar
LEFT HAND	
Acetylene	1,5 bar
Hydrogen	5 bar
Propane	5 bar
Methane	5 bar
Natural Gas	5 bar
MPS	5 bar
MAPP	5 bar

FLOW CHART

