

Product Title: GA Series Flashback Arrestor



GCS11006

Description

The Gas-Arc Model GA Series flashback arrestor designed to provide complete protection for all of your pipeline and high flow oxygen and fuel gas requirements.

Designed and manufactured to fully comply with BS EN 730-1, the GA Series flashback arrestors provide protection for all oxygen and fuel gas equipment requirements. One of the requirements of BS EN 730-1 is that the safety features contained within the flashback arrestor must be clearly marked on the product label with the appropriate symbols. These symbols can be found on the GA Series label.

In the U.K. flashback arrestors for use with acetylene must be approved by the HSE and the GA Series has full approval.

Features

- **FLAME ARRESTOR** - Denoted by the symbol **FA** on the product label, is a stainless steel sintered filter which is precision manufactured using 0.006mm diameter granulated spherical stainless steel. The flame arrestor quenches the flame front and prevents the flame from travelling back to the gas source.
- **NON-RETURN VALVE** - Denoted by the symbol **NV** on the product label, is a low pressure non-return valve designed to prevent the backflow of gas.
- **TEMPERATURE-SENSITIVE CUT-OFF VALVE** - Denoted by the symbol **TV** on the product label, the temperature-sensitive cut-off valve is a spring loaded valve, held open by a low temperature melting point material with eutectic properties (rapidly passing from solid to liquid) of around 100°C, thus shutting off the gas supply to the fire.
- **CONTAMINATION FILTER** - a contamination filter is fitted to the inlet to prevent the ingress of foreign matter.
- **LARGE INLET AND OUTLET CONNECTIONS** - 3/4" BSP inlet and outlet connections to provide maximum flow rate.

Gas	Description	Max. Inlet Pressure	Max. Outlet Pressure	Inlet Connection	Outlet Connection	Part No.
Oxygen	GA-O2	20 bar	20 bar	3/4 BSP RH Female	3/4 BSP RH Female	GCS11005
Acetylene	GA-DA	1.5 bar	1.5 bar	3/4 BSP RH Female	3/4 BSP RH Female	GCS11006
Hydrogen	GA-H2	5 bar	5 bar	3/4 BSP RH Female	3/4 BSP RH Female	GCS11007
Propane	GA-C3H8	5 bar	5 bar	3/4 BSP RH Female	3/4 BSP RH Female	GCS11008