

Product Title: Model GA D-97 Inline Flashback Arrestor



FBA07048



FBA07052



GA D-97 Cut-away

Description

The Gas-Arc Model GA D-97 flashback arrestor is designed to offer complete protection, for both operator and equipment, combined with high flow performance, compact design and its suitability for connection in pipeline and manifold installations.

Designed and manufactured to fully comply with BS EN 730-1, the GA D-97 flashback arrestors provide complete 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 D-97 label.

In the U.K. flashback arrestors for use with acetylene must be approved by the HSE and the GA D-97 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 arrester 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.
- **10 BAR FUEL GAS MODEL** - This has been developed for specialist applications where a fuel gas pressure up to 10 bar may be required.
- **CONNECTIONS** - The GA-D99 is available with a range of inlet and outlet connections to fit most international requirements.

Gas	Max. Inlet Pressure	Max. Outlet Pressure	Inlet Connection	Outlet Connection	Part No.
Oxygen	20 bar	20 bar	3/8 BSP RH Female	3/8 BSP RH Male	FBA07051
Oxygen	20 bar	20 bar	1/4 BSP RH Female	1/4 BSP RH Male	FBA16036
Oxygen	20 bar	20 bar	M16 RH Female	M16 RH Male	FBA16038
Fuel Gas	5 bar*	5 bar*	3/8 BSP LH Female	3/8 BSP LH Male	FBA07048
Fuel Gas	5 bar*	5 bar*	1/4 BSP LH Female	1/4 BSP LH Male	FBA16037
Fuel Gas	5 bar*	5 bar*	M16 LH Female	M16 LH Male	FBA16039
Fuel Gas	10 bar	10 bar	3/8 BSP LH Female	3/8 BSP LH Male	FBA07052

NOTE - items marked * are have a maximum inlet and outlet pressure of 1.5 bar when used with acetylene.