



Genuine COMET™ FLASHBACK ARRESTOR – MODEL 85-10

Part number	Model	Gas	Connections	Connection to:	Pressure Rating	Max Airflow l/min
308831/308859/308861/308882	85-10	Oxygen	Various	See ordering details	3000 kPa	5500
308830/308860/308862/308883	85-10	Fuel	Various	See ordering details	500 kPa (150 kPa Acetylene)	1040 337



85-10P



85-10B



85-10R



85-10R-LP

Designed for high flow applications: Blowpipe mounting (85-10B), Regulator mounting (85-10R) and Pipeline installations (85-10P). They incorporate the following features:

- ▲ Non-return valve.
- ▲ Large cylindrical stainless steel flame arrestor.
- ▲ High-flow capacity.
- ▲ Temperature activated cut-off valve.
- ▲ 85-10R and 85-10P supplied with inlet filter.
- ▲ The 85-10B has offset connections to accommodate their size onto the blowpipe.
- ▲ The 85-10R takes full advantage of the CIGWELD highflow regulators (TR92 Oxygen, TR93 Acetylene) with their 5/8" BSP high flow outlet connection.
- ▲ The 85-10R-LP is suitable for use with Genuine COMET™ regulators fitted with the standard welding hose connection 5/8"-18 UNF.
- ▲ Conforms to EN730, ISO5175 class 1.
- ▲ Tested by BAM.

Note: The thermal cut-off sealing element is not in the gas stream and is shrouded from flashbacks. The cut-off valve closes in the direction of flow assisted by a strong spring at an internal temperature of approximately 90°C. Operation is not indicated and the cut-off valve is not resettable by the user.

P = Pipeline (High flow)

R = Regulator Mounted (High flow) 5/8" BSP – 5/8"-18UNF

B = Blowpipe Mounted (High flow)

LP = Regulator Mounted (High flow) 5/8"-18UNF – 5/8"-18UNF

Ordering Information:

OXYGEN

Flashback Arrestor – Model 85-10P (5/8" BSP)	Part No. 308831
Flashback Arrestor – Model 85-10R (5/8" BSP – 5/8"-18UNF)	Part No. 308859
Flashback Arrestor – Model 85-10B (5/8"-18UNF)	Part No. 308861
Flashback Arrestor – Model 85-10R-LP (5/8"-18UNF)	Part No. 308882

FUEL

Flashback Arrestor – Model 85-10P (5/8" BSP)	Part No. 308830
Flashback Arrestor – Model 85-10R (5/8" BSP – 5/8"-18UNF)	Part No. 308860
Flashback Arrestor – Model 85-10B (5/8"-18UNF)	Part No. 308862
Flashback Arrestor – Model 85-10R-LP (5/8"-18UNF)	Part No. 308883