

FLASHBACK ARRESTORS

WHAT IS A FLASHBACK

When the flame burns rapidly 'upstream', generally causing a loud explosion. If un-checked it can reach the gas bottles/ cylinders - and potentially cause a dangerous or fatal explosion.



Regulator and Torch Mounted Flashback Arrestors - 5/8 UNF

Protect personnel & equipment from the dangers of a flashback.

- Regulator and Torch mounted Flashback Arrestors for Oxy, Acetylene & LPG gas cutting & heating equipment.
- Conform to Australian standard AS4603 and independantly certified by Apragaz laboratory in Belgium, Europe.
- For peace of mind, every flashback arrester is flame, flow & leak tested after manufacture
- 5/8 UNF Fittings

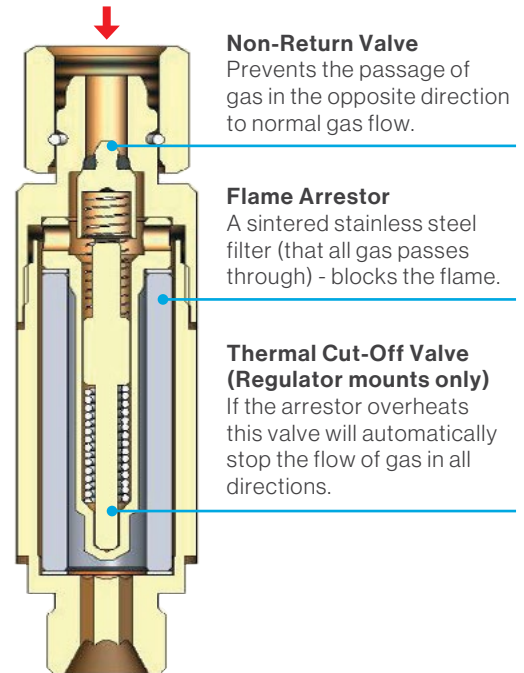
Part No	Mount	Fuel	Application
VGFBTMSG02	Torch	Acetylene/LPG	Medium flow rate, for general cutting, brazing, gouging and medium-to-heavy heating**
VGFBRMFR02	Regulator	Acetylene/LPG	
VGFBRMOR02	Regulator	Oxygen	
VGFBTMOG02	Torch	Oxygen	

Inlet Pressure Kpa	Flow - M3/Hr		Conversion Factors
	Torch	Regulator	
50	3.5	3.0	Oxygen = 0.95 Acetylene = 1.05 LPG = 0.80 1M3/Hr = 16.67 L/Min
100	6.8	5.8	
150	9.5	9.5	
500	50	50	
1,000	65	65	
1,500	85	85	
2,000	100	100	

Technical Information

Country of Manufacture	Turkey
Conformance, Certification and Testing Details:	<ul style="list-style-type: none"> • Conform to AS4603 – 1999 • Tested & Certified to EN ISO 5175-1 by Apragaz Laboratory, Belgium • Each flashback arrester is individually flame, flow & leak tested in the factory

DIRECTION OF GAS FLOW



Non-Return Valve
Prevents the passage of gas in the opposite direction to normal gas flow.

Flame Arrester
A sintered stainless steel filter (that all gas passes through) - blocks the flame.

Thermal Cut-Off Valve (Regulator mounts only)
If the arrester overheats this valve will automatically stop the flow of gas in all directions.

Figure 1. How Flashback Arrestors work together to block/stop flashbacks.

***Max recommended torch/tip oxygen gas consumption of 500L/min. For very heavy heating applications exceeding this, high-flow arrestors are recommended.*

0800 278 600
sales@euomarc.co.nz
euomarc.co.nz

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