



- Conform to AS4603-1999 & EN ISO 5175-1
- Individually Flashback, Flow & Leak Tested
- Independently Certified by Apragaz Laboratory, Belgium
- Medium flow rate, with up to 35% higher flow capacity*, suitable for broad range of applications
- Thermal cut-off valve for protection against sustained flashback (regulator models)
- Manufactured by a team with over 35 years experience in gas equipment engineering

Part No.	For	Gas	Application
P4-FBARF2	Regulator	Acetylene/LPG	Medium flow rate, for general cutting, brazing, gouging and medium-to-heavy heating**
P4-FBARO2	Regulator	Oxygen	
P4-FBATF	Torch	Acetylene/LPG	
P4-FBATO	Torch	Oxygen	

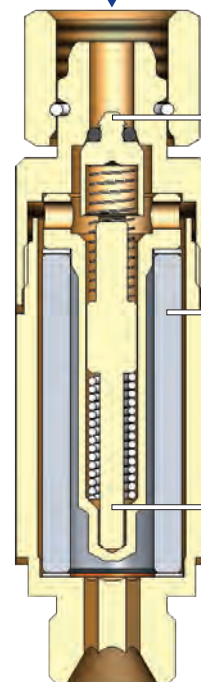
Inlet Pressure Kpa	Flow - M3/Hr		Conversion Factors:
	Torch	Regulator	
50	3.5	3.0	Oxygen = 0.95 Acetylene = 1.05 LPG = 0.80 1M3/Hr = 16.67 L/Min
100	6.8	5.8	
150	9.5	9.5	
500	50	50	
1,000	65	65	
1,500	85	85	
2,000	100	100	

Technical Information	
Country of Manufacture	Turkey
Conformance / Certification / Testing Details:	<ul style="list-style-type: none"> • Conform to AS4603 – 1999 • Tested & Certified to EN ISO 5175-1 by Apragaz Laboratory, Belgium (see copies of certificates on following pages) • Each flashback arrestor is individually flame, flow & leak tested in the factory
Fittings	5/8 UNF

In the event of a Flashback, a 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 even fatal explosion

Direction of Normal Gas Flow

The following functions inside a WELDCASS Flashback Arrestor work together to block and/or stop a flashback:



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

Flame Arrestor
A sintered stainless-steel filter (which all gas must pass through) - blocks the flame.

Thermal Cut-Off Valve
(Regulator Models only)
If the arrestor over-heats this valve will activate and permanently shut off the flow of gas in any direction. This can occur in the event of repeated or continuous flashback.

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

