CIGWELD
AN ESAB BRAND

DESIGNED & TESTED IN AUSTRALIA FOR OVER 100 YEARS

COMET

HIGH FLOW FLASHBACK ARRESTORS

P/N: 208861   P/N: 208862

FEATURES & BENEFITS:

- Provides protection against flashbacks, backfires and sustained backfires.

- Non-return valve and temperature activated cut-off valve.

- Large cylindrical stainless steel flame arrestor with High-flow capacity.

- High Flow Blowpipe mount FBA's have offset connections to accommodate their size onto the blowpipe.

- High Flow LP Regulator mount FBA's are suitable for use with COMET regulators fitted with the standard welding hose connection 5/8"-UNF.

- **FA** - Stainless Steel Flame Arrestor extinguishes any returning flame.

- **NV** - Non-return Valve prevents reverse flow of gases.

- **TV** - Gas flow will be shut-off if arrestor becomes over heated.

- **DF** - Dust Filter protects the gas non-return valve against contamination

*These FBA's are certified by UL 1357 to the following max working pressures: Acet: 15psi | Oxygen: 145psi | MPS Gas: 22psi | LP-Gas, Hydrogen, Natural Gas, Methane: 50psi

AS   AS 4603 Compliant

UL   UL 1357 Certified*

ISO 5175   Complies to ISO 5175

3 POINT SAFETY SYSTEM

P/N: 208831   P/N: 208830   P/N: 208859   P/N: 208860   P/N: 208882   P/N: 208883

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CIGWELD Info Sheet **COMET Flashback Arrestor High Flow**
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V1-2026

Models: 208831 OXY | 208830 FUEL

Pv = Opening pressure

ΔP= Inlet pressure - Outlet pressure

ΔP=Pv   ΔP=0.6bar   ΔP=0.3bar

GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8

(Chart: FLOW (m3/h) vs INLET PRESSURE (bar), 0–25 bar, FLOW axis 0–160)

208859 OXY | 208860 FUEL

Pv = Opening pressure

ΔP= Inlet pressure - Outlet pressure

ΔP=Pv   ΔP=0.6bar   ΔP=0.3bar

GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8

(Chart: FLOW (m3/h) vs INLET PRESSURE (bar), 0–25 bar, FLOW axis 0–120)

208882 OXY | 208883 FUEL

Pv = Opening pressure

ΔP= Inlet pressure - Outlet pressure

ΔP=Pv   ΔP=0.6bar   ΔP=0.3bar

GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8

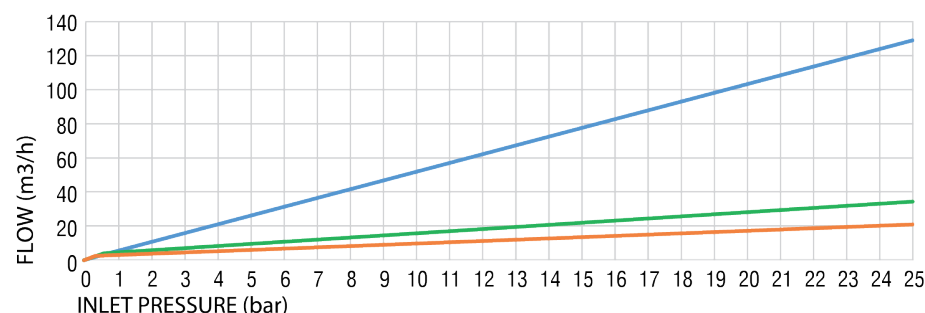(Chart: FLOW (m3/h) vs INLET PRESSURE (bar), 0–25 bar, FLOW axis 0–120)

Models: 208861 OXY | 208862 FUEL

Pv = Opening pressure

ΔP= Inlet pressure - Outlet pressure

ΔP=Pv   ΔP=0.6bar   ΔP=0.3bar

GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8

(Chart: FLOW (m3/h) vs INLET PRESSURE (bar), 0–25 bar, FLOW axis 0–140)
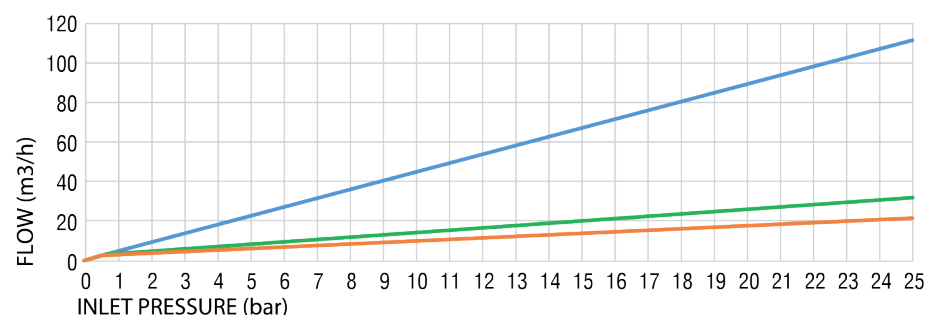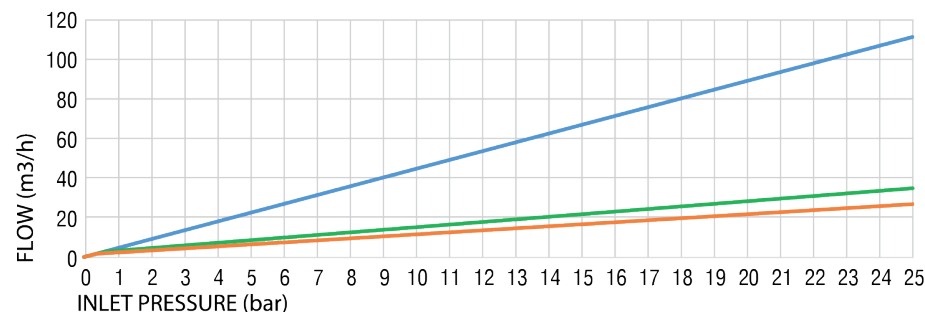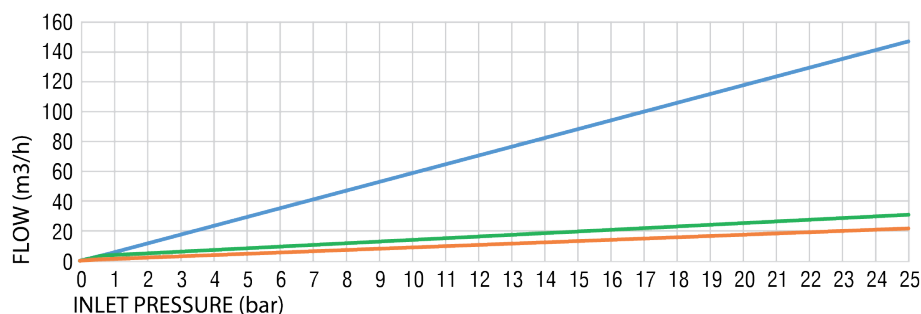
Ordering Information

Part Number	Description
208831	COMET FBA High Flow Pipeline – Oxygen [FA NV TV]
208830	COMET FBA High Flow Pipeline – Fuel [FA NV TV]
208859	COMET FBA High Flow Regulator Mount – Oxygen [FA NV TV]
208860	COMET FBA High Flow Regulator Mount – Fuel [FA NV TV]
208882	COMET FBA High Flow LP Regulator Mount – Oxygen (5/8"-18 UNF - 5/8"-18UNF) [FA NV TV]
208883	COMET FBA High Flow LP Regulator Mount – Fuel (5/8"-18 UNF - 5/8"-18UNF) [FA NV TV]
208861	COMET FBA High Flow Torch Mount – Oxygen [FA NV TV]
208862	COMET FBA High Flow Torch Mount – Fuel [FA NV TV]

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