

CIGWELD

AN ESAB BRAND

COMET



DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

HIGH FLOW FLASHBACK ARRESTORS

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



P/N: 208861



P/N: 208862



AS 4603
Compliant



UL 1357
Certified*



Complies to
ISO 5175



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**
CIGWELD Pty Ltd An ESAB Brand.
cigweld.com.au



Models: 208831 OXY | 208830 FUEL

Pv = Opening pressure

ΔP = Inlet pressure - Outlet pressure

$\Delta P = P_v$ $\Delta P = 0.6 \text{ bar}$ $\Delta P = 0.3 \text{ bar}$

GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8

208859 OXY | 208860 FUEL

Pv = Opening pressure

ΔP = Inlet pressure - Outlet pressure

$\Delta P = P_v$ $\Delta P = 0.6 \text{ bar}$ $\Delta P = 0.3 \text{ bar}$

GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8

208882 OXY | 208883 FUEL

Pv = Opening pressure

ΔP = Inlet pressure - Outlet pressure

$\Delta P = P_v$ $\Delta P = 0.6 \text{ bar}$ $\Delta P = 0.3 \text{ bar}$

GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8

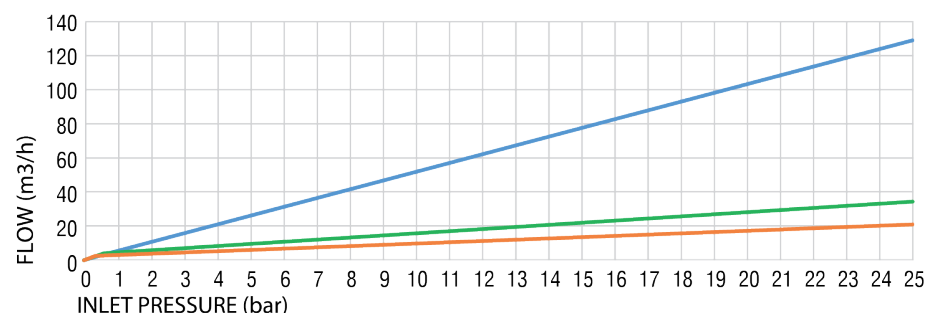
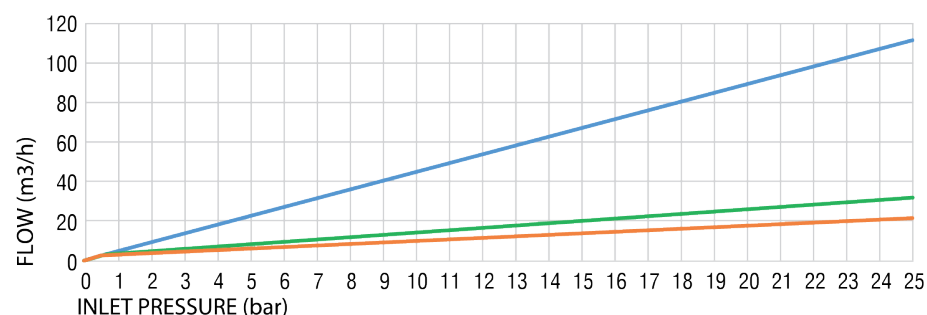
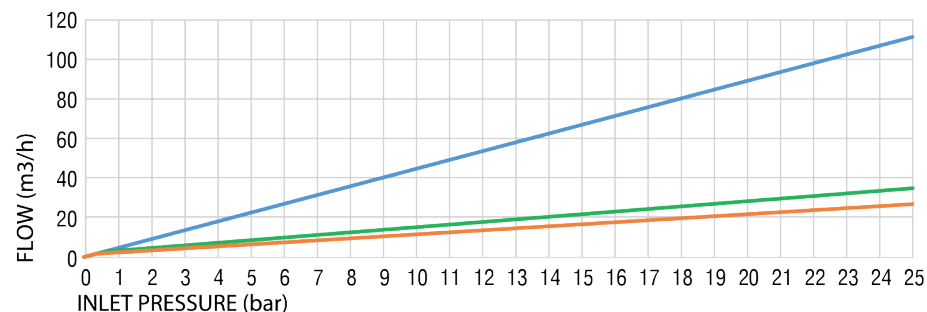
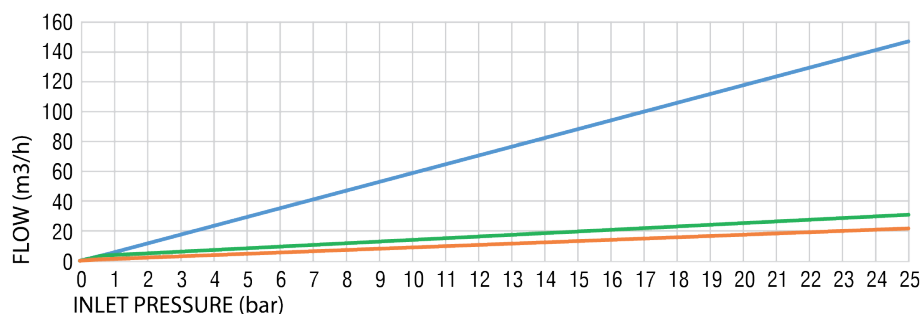
Models: 208861 OXY | 208862 FUEL

Pv = Opening pressure

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GAS	CONVERSION FACTOR
Air	1
Oxygen	0.95
Acetylene	1.05
LPG	0.8



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]