

Model Series: YG-220

Oxygen/Acetylene Check Valves (in-line non-return)

Brass, color-coded in-line valves that prevent reverse flow/backfeeding in oxy-fuel systems. Barbed ends for hose mounting near torch or regulator.



Part.No	Gas	Connection type	Hose size (typ.)	Cracking pressure	Materials
YG-220	Oxygen (blue)	Hose barb (inline)	6–10 mm ID (per model)	~3–5 kPa	Brass body, stainless spring/valve, elastomer seat
	Acetylene/LPG (red)				

Features / Applications

- Stops reverse flow; reduces risk of backfeeding
- Low pressure drop; quick, directional installation
- Fit at torch inlets or regulator outlets on cutting/welding sets

Normes Applicables / Compliance

- EN ISO 5175-1 (safety devices—non-return/check valves)
- Works with EN ISO 2503 regulators and EN ISO 14114 hoses
- Typical operating range: -10 to +60°C; max working pressure O2 up to 10 bar, fuel up to 1.5 bar (set per system)
- Use alongside flashback arrestors for full protection