A Member of
The Linde Group | AGA

Six reasons why nothing compares to SMOOTHFLO®

For almost 50 years, gas welding pressure regulators have tended to look and work the same. All that is about to change with the launch of the world's first hybrid regulator: SMOOTHFLO® from Linde.

See why conventional regulators pale in comparison...

1 Constant Flow

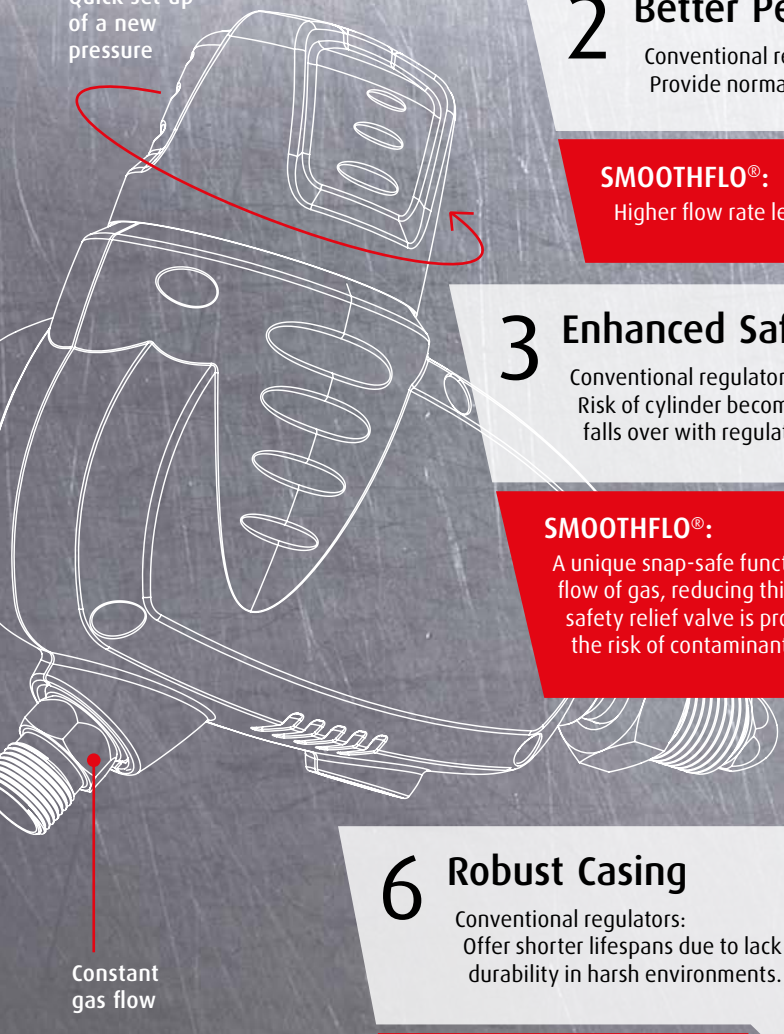
Single stage regulators:
Require manual adjustment periodically.

SMOOTHFLO®:
The hybrid design provides multi-stage performance (ie constant gas flow without constant adjustments), making it simpler to use.

2 Better Performance

Conventional regulators:
Provide normal cut quality.

SMOOTHFLO®:
Higher flow rate leads to improved cut quality and faster cuts.



3 Enhanced Safety

Conventional regulators:
Risk of cylinder becoming a missile if cylinder falls over with regulator attached.

SMOOTHFLO®:
A unique snap-safe function immediately cuts the flow of gas, reducing this risk. Additionally, the safety relief valve is protected by cladding, reducing the risk of contaminants preventing it from working.

4 Quicker Set-up

Conventional regulators:
Between 8 to 11 turns of the pressure adjusting (PA) knob to go from zero to max operating pressure.

SMOOTHFLO®:
Only 3 turns of the PA knob to go from zero to max operating pressure.

5 Rugged Construction

Conventional regulators:
Gauges and inlet stem are exposed and frequently damaged.

SMOOTHFLO®:
Cladding protects panel-mounted gauges and inlet stem. Additionally, SMOOTHFLO's design better protects gauges from over-pressurisation situations.

6 Robust Casing

Conventional regulators:
Offer shorter lifespans due to lack of durability in harsh environments.

SMOOTHFLO®:
Cladding provides a level of dust resistance and water resistance.

Smoother. Safer. Stronger.