

Presenting the anything-but-regular REGULATORS

Part 1 of 2



Swagelok industrial Regulators and supplemental support services deliver unparalleled safe, reliable, lasting, and cost-effective pressure control, especially in the most challenging fluid-system applications and operating environments.

Significantly reduce maintenance, repair, and replacement labor and costs – and stay online – by choosing from our vast array of styles that will maintain pressure, while minimizing the damaging effects of droop or creep, no matter what your flow rate.

ANALYTICAL AND INSTRUMENTATION

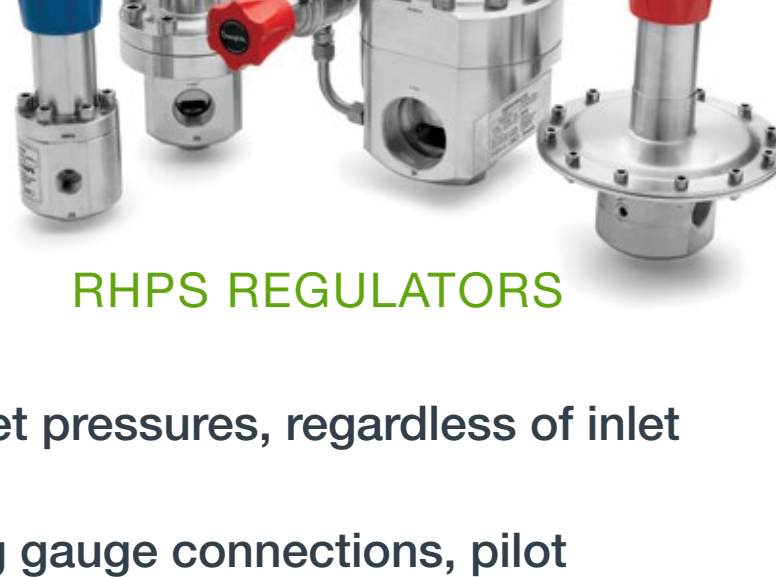
- Single-stage or two-stage
- Spring-loaded
- Provide set pressure stability
- Easy to adjust in small increments
- Fine-pitched threads on control spring stem enable precise adjustments with low torque
- Pressure-reducing or back-pressure designs
- Diaphragm-sensing for high-sensitivity applications or piston-sensing for high-pressure work
- Poppets resist oscillation caused by system vibration
- Press fit filters guard against particulate harm
- Open and captured venting options
- Sealing ensured by removable and simply replaced seats



K SERIES REGULATORS

PROCESS

- Ideal for systems up to 4" diameter
- Spring-loaded, dome-loaded, combination, or multistage configurations
- Fine-pitch threads on spring-loaded model enable precise pressure-setting adjustments
- Pressurized dome-loaded design has no set spring, resulting in highly stable outlet pressures, regardless of inlet pressure or flow variations
- Numerous add-ons, including gauge connections, pilot regulators, and electronic pilot valve, external cleaning options, and much more



RHPS REGULATORS

HIGH-PURITY/HIGH-FLOW

- Compact
- Innovative pressure-sensing assembly
- All-welded construction
- Select when cleanliness and high flow rates are critical
- Enables close spacing of components and process lines
- Self-centering PCTFE poppets minimize creep and offer leak-tight shutoff
- Gas-actuated version features a tamper-free design to virtually eliminate the potential for improper adjustments



HF REGULATORS

VAPORIZING

- Can be electrically heated or steam-heated
- Vaporize liquid samples or preheat gas samples to prevent condensation
- Fully certified in critical and hazardous environments
- Highly responsive to changes in operator inputs, ambient temperatures, and more
- Easy to clean



KEV AND KSV REGULATORS

GAS CYLINDER CHANGEOVER

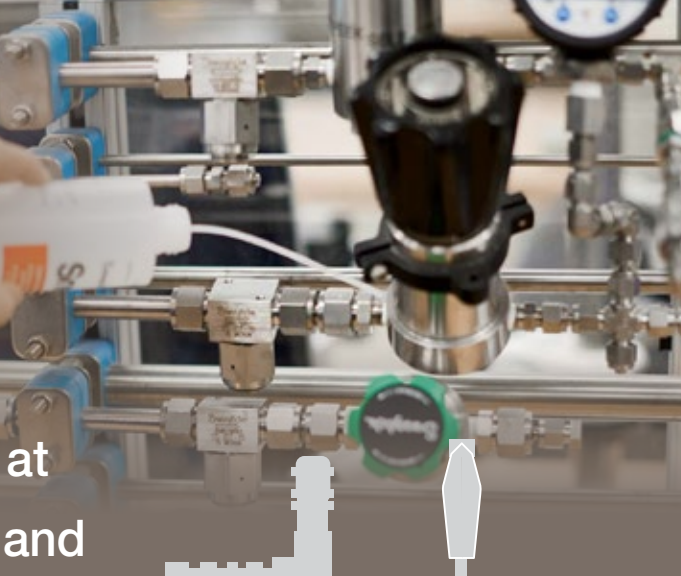
- Switch automatically between two gas sources to ensure continuous flow at all times
- No more downtime needed to monitor gas supplies – now you can simply trust your gas distribution systems
- Convoluted, non-perforated diaphragms, with metal-to-metal seals, provide strength, longevity, and optimal pressure response



KCM SERIES REGULATORS

TANK BLANKETING

- For added safety near storage tanks containing hazardous fluids
- Keep pressures constant during pump out; keep vapors from escaping to atmosphere
- Ultrasensitive diaphragm-sensing mechanism accurately detects outlet pressure changes
- Fine-pitched threads on set-pressure springs provide exceptional adjustability and resolution
- External feedback loop helps overall performance



TBRS AND TBVS REGULATORS

GAS DISTRIBUTION SYSTEMS

Get gases from a high-pressure source to where they need to go at your application's specified flow and pressure rate. Ask about our four panel types: Swagelok Source Inlet, Swagelok Gas, Swagelok Changeover, and Swagelok Point-of-Use.



(In our next installment, we'll discuss how our Strategic Support Services supplement our componentry to help you conquer your most daunting challenges such as chemical compatibility.)

For more information or to explore which Swagelok Regulator style might best address your requirements, contact:

Gary Osman,
Swagelok Field Engineer



gary.osman@swagelok.com

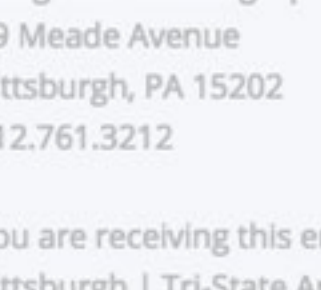
412.761.3212

Our Promise:

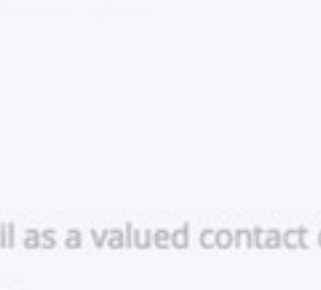
In each and every customer engagement and interaction, no matter how challenging your application or operating conditions, we will deliver premier-quality Swagelok Fluid-System Product Solutions and value-added Strategic Services that will positively impact your Bottom Line.



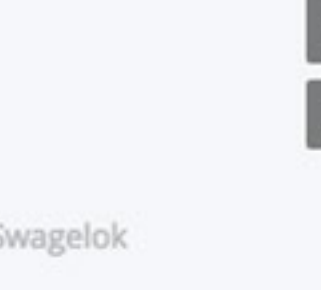
WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTIONS PROVIDER



Industry-Best Componentry



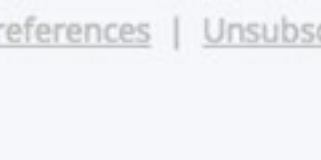
Masterful Custom Fabrication



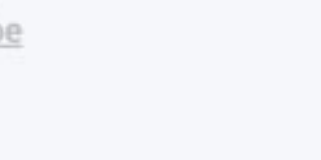
Expert Technical Training



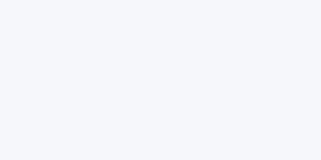
Extensive Energy Evaluations



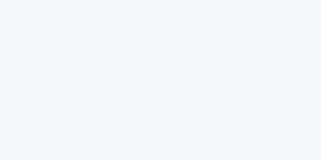
Unparalleled Application Knowledge



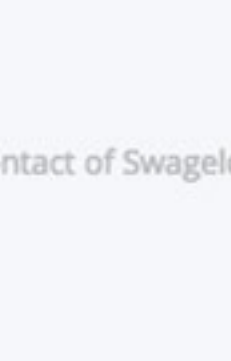
Comprehensive Hose Advisories



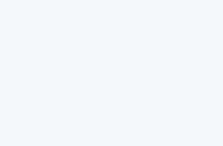
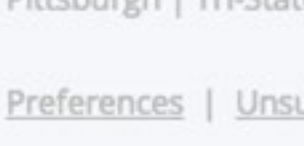
Proven Supply-Chain Support



Genuine Swagelok Tool Rentals



WE CAN HELP YOU SAVE TIME, MONEY, AND WORRY:



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