

CHLORINATORS

SULPHONATORS

AMMONIATORS

GAS DETECTORS

SMARTVALVES

REMOTE METER PANELS



CYLINDER SCALES

VACUUM MONITORS

REGAL
SYSTEMS



Simple by Design. Proven by Performance. The safety and reliability of REGAL direct cylinder-mounted, all-vacuum gas chlorinators come down to one thing—**simplicity**. With **fewer precision-engineered** parts, REGAL chlorinators are easy to maintain and service, helping reduce downtime and keep operating costs low. Built from **high-quality, corrosion-resistant materials**, they are designed to withstand both wet and dry chlorine environments delivering dependable performance you can trust.



Safe

50+ YEARS OF TRUSTED PERFORMANCE

REGAL has been manufacturing gas chlorinators, sulphonators, and ammoniators for over 50 years—delivering safe, reliable solutions.

APPLICATIONS

Municipal & Industrial Water Treatment
Food Processing (Produce, Poultry, Meat, Seafood)
Livestock Drinking Water
Irrigation & Nurseries

Reliable

WHY REGAL?

- ✓ Proven Safety – Vacuum-operated technology
- ✓ Reliable Performance – Built for demanding environments
- ✓ Cost Efficiency – Low maintenance
- ✓ Quality Materials

MADE IN THE USA

Built on a legacy of:
Strong Products • Continuous Improvement •
Innovation • Customer Commitment

REGAL SYSTEMS

Simple. Safe. Reliable.

REGAL CHLORINATORS

Available Capacities:
1.5, 4, 10, 25, 50, 100, 250, 500, 1000, and 2000 PPD

AUTOMATIC SWITCHOVER



Continuous Feed. Minimal Interruption.

The REGAL Series 216 Automatic Swichover Chlorinator ensures a continuous chlorine supply by seamlessly switching between two vacuum regulators. Each unit features clear indicators showing which cylinder is in service and which is on standby. As the active cylinder nears empty, the standby regulator automatically engages—maintaining a steady gas feed without operator intervention.

REGAL SULPHONATORS

Simple. Efficient.

Designed for dechlorination of water, wastewater, and industrial process water using sulfur dioxide, they deliver safe, reliable performance in demanding applications.

Available Capacities:
4 – 500 PPD



REGAL AMMONIATORS

Rugged. Reliable. Proven.

REGAL Ammoniators deliver dependable performance across a wide range of industries, including **potable water, wastewater, petroleum, paper, and wool processing**—where they are used to neutralize acids.

Built with **rugged, ammonia-resistant materials**, they are designed for demanding environments.



ACCESSORIES

VACUUM MONITOR



See It. Know It. React Fast.

- ✓ Continuous vacuum level display
- ✓ LED alerts for loss of vacuum
- ✓ Instant warning after delay timer expires

TON CONTAINER ADAPTOR



Smooth Feed. Safe Delivery.

- ✓ Designed for systems 500 PPD and below
- ✓ Direct mount to ton container for simple setup
- ✓ Heated drip leg

REGAL SAFETY ACTUATOR VALVE

Fast Response. Reliable Protection.

- ✓ Automatically shuts valve when a leak is detected
- ✓ Fits 150 lb cylinders & ton containers
- ✓ Tool-free installation mounts in seconds
- ✓ Secure adaptor ensures fast, reliable shutoff
- ✓ Quiet, efficient operation with optimal torque transfer



NEW!



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REGAL GAS DETECTOR



NEW!

Quick Detection. Enhanced Safety.

The REGAL Gas Detector continuously monitors for chlorine and sulfur dioxide, providing quick detection. A clear digital display shows gas concentration in parts per million (PPM), while built-in alarms alert operators with a warning at 1 PPM (Cl_2) / 2 PPM (SO_2) and a danger alarm at 3 PPM (Cl_2) / 5 PPM (SO_2). Ideal for storage, feed, and distribution areas, it helps protect personnel, equipment, and facilities with reliable, real-time monitoring.

SERIES 7000 SMARTVALVE™

Precision Control. Smarter Feed.

The REGAL Series 7000 SmartValve™ is designed for water treatment systems with varying flow rates, delivering, automated gas feed control. With factory-configurable flow-proportional or step-rate modes, it supports both automatic and manual operation, along with an adjustable low-flow alarm for added confidence. Ideal for residual, compound loop, and feed-forward dechlorination applications. A built-in microcontroller provides real-time display of flow rate, valve position (PPD), mode, and dosage, while a standard 4–20 mA output ensures seamless system integration.



MODEL 7500 REMOTE METER PANEL



Remote Control. Reliable Performance.

The REGAL Model 7500 Remote Meter Panel is designed to work seamlessly with the REGAL SmartValve™, providing enhanced control and system visibility. Its unique bypass feature allows chlorine gas to flow independently of the rate valve adjustment, ensuring the valve remains fully open while operating in automatic mode. The result is smooth, consistent performance and reliable control you can count on.

RESIDUAL ANALYZER

Measure What Matters

The REGAL™ Model CRA 5500 Chlorine Residual Analyzer is designed to continuously measure the level(s) of Free in the disinfection process of water and wastewater.



ELECTRONIC CYLINDER SCALES

Accurate. Smarter Monitoring.

REGAL Series ECS Electronic Cylinder Scales are essential accessories for any gas feed system, providing instant, readings of both gross and net cylinder weight on bright LCD displays. Available in single (ECS-401) and dual (ECS-402) configurations, they feature durable PVC platforms designed to support 150 lb cylinders of chlorine, sulfur dioxide, or ammonia. A standard 4–20 mA output allows for easy integration into monitoring and control systems, making them a valuable diagnostic tool for safe, efficient operation.

