

CHLORINATORS

SULPHONATORS

AMMONIATORS

GAS DETECTORS

SMARTVALVES™

REMOTE METER PANELS

quality



CYLINDER SCALES

VACUUM MONITORS



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REGAL CHLORINATORS

The key to the safety, reliability and economy of the direct cylinder mounted, all-vacuum REGAL Gas Chlorinators is the simplicity of its design. Made with just 68 parts, REGAL Chlorinators are easy to maintain and clean, reducing down time and minimizing operating costs. They are built with the highest quality materials that stand up to wet and dry chlorine attack, so you can rely on the REGAL Chlorinator to perform flawlessly year after year. Capacities available: 1.5, 4, 10, 25, 50, 100, 250, 500, 1000 and 2000 PPD.



safe

For over 40 years, REGAL has been producing gas chlorinators, sulphonators and ammoniators for a variety of industries including municipal and industrial water and wastewater treatment, fruit and vegetable washing, poultry, dairy and other livestock drinking water, poultry, meat and seafood processing, drip irrigation and nurseries. From the basic design of our gas chlorinators to the quality of the materials we use, REGAL has set the standard for safety, reliability and economy. Made with pride in the USA, every REGAL product reflects the philosophy of our founders: producing a strong product, improving existing products and developing new ones through ongoing research and maintaining an intense devotion to quality, reliability and customer service.

reliable

ECONOMICAL



REGAL SULPHONATORS

REGAL Sulphonators are based on the same simple, efficient design that has made REGAL Gas Chlorinators the industry standard. They are used to de-chlorinate water, wastewater and industrial process water with sulfur dioxide. Built with heavy duty corrosion resistant and corrosion proof vital parts, REGAL Sulphonators provide long-lasting service. Capacities from 4 to 500 PPD.



REGAL AMMONIATORS

REGAL Ammoniators have provided years of service in industries such as potable water, wastewater, petroleum, paper and wool processing industries, and are used industry wide to neutralize acids. Built with rugged materials designed to resist the effects of ammonia, REGAL Ammoniators feature all the benefits of the acclaimed REGAL Gas Chlorinator. Capacities from 4 to 100 PPD.

ACCESSORIES

REGAL VACUUM MONITOR

The REGAL Vacuum Monitor continuously displays the gas feed system's operating vacuum level. LEDs provide immediate warning of "loss of vacuum" and "out of gas" conditions as soon as the delay timer reaches zero. Relays are 5 Amp, SPDT, NO/NC type.

REGAL TON CONTAINER MOUNTING ADAPTOR TAY-200

These adaptors provide continuous feed rate requirements of 500 PPD or less. The chlorinator mounts directly on the adaptor, which is then mounted directly on the ton container. Each TAY-200 contains a heated drip leg to vaporize any liquid slugs or droplets so that only gas chemical is delivered to the gas feed system.



REGAL MODEL SC401 DUAL CYLINDER SCALES

Two separate scales in one unit, the REGAL Model SC401 weighs the contents of two compressed gas cylinders simultaneously. It accurately measures the amount of chlorine remaining in a cylinder to +/-1% full scale, surpassing industry standards. Shipping weight – 63 lbs.



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REGAL SERIES 3000 GAS DETECTOR

Designed for use wherever chlorine or sulfur dioxide is stored, distributed, or where potential leakage would pose a risk for personnel and property. The gas detector senses the presence of free chlorine or sulfur dioxide at levels below those mandated by OSHA, and displays the concentration in parts per million. Sounds "warning" alarm at 1 PPM for chlorine and 2 PPM for sulfur dioxide and a "danger" alarm at 3 PPM for chlorine and at 5 PPM for sulfur dioxide.

REGAL SERIES 7000 SMARTVALVE™

Used to treat water with varying flow rates, the SMARTVALVE™ features factory configurable "flow-proportional" or "step-rate" control modes, fully automatic or manual operation and an adjustable "low flow" alarm. The SMARTVALVE™ can be used on residual only, compound loop or feed forward de-chlorination applications. The microcontroller keeps valve linear when dosage is set at 1:1. Flow rate, valve flow position in Pounds Per Day (PPD) of actual gas feed rate, mode of operation and dosage value are displayed. Standard 4-20mA output signal is included.



REGAL MODEL 7500 REMOTE METER PANEL

The Regal 7500 Remote Meter Panel is designed to be used with the Regal Smartvalve. It has a unique feature that allows chlorine gas to bypass the rate valve adjustment, ensuring that the valve is fully open while in automatic mode.



REGAL SERIES 216 AUTOMATIC SWITCHOVER CHLORINATORS

The Regal Automatic Switchover gas chlorinator consists of two vacuum regulators fitted with indicators that show which unit is in use and which is in standby. One unit supplies chlorine until the gas cylinder approaches "empty."

At this point, the second vacuum regulator begins to open up, keeping the gas chlorine supply steady.



REGAL MODELS ECS401/402 ELECTRONIC CYLINDER SCALES

REGAL Series ECS Electronic Cylinder Scales are very important and recommended accessories that should be part of all REGAL Gas Feed System installations. They are valuable diagnostic tools providing the user with instantaneous and accurate readings of Gross and Net cylinder weights on bright LCD displays. REGAL Series ECS Single (ECS401) and Dual (ECS402) Electronic Cylinder Scales offer a design consisting of solid PVC platforms that can easily accommodate Chlorine, Sulfur Dioxide or Ammonia 150 lb. gas cylinders. Standard 4-20mA output signal is included.

