

**REGAL™**

# gas Sulphonators



## Other applications for the REGAL Gas Sulphonator include:

- Taste and odor control
- Destruction of yeast fungus on grapes
- Bleaching of cloth
- Pulp/paper treatment
- Chrome-plating
- Wastewater reduction
- Cooling tower blowdown using chrome-based corrosion inhibitors
- Food and beverage processing
- Leather tanning
- Petroleum processing
- Ore refining
- Smelting
- Metallurgical operations

## ALL THE FEATURES AND BENEFITS OF THE REGAL™ GAS CHLORINATOR, ADAPTED FOR SULFUR DIOXIDE

Except for the substitution in certain places of materials that are more resistant to sulfur dioxide, this is the REGAL Gas Chlorinator. It clamps directly on to the cylinder valve with a heavy-duty yoke, the gas is drawn from the cylinder by a vacuum and is never under pressure at any point in the system; and the flow of gas is immediately and automatically shut off if loss of vacuum occurs anywhere in the system.

The REGAL Sulphonator is rugged, reliable and capable of giving you many years of trouble-free service.

The principal use of the REGAL Gas Sulphonator is to de-chlorinate water, wastewater and industrial process water with sulfur dioxide. The gas reacts with both free and combined chlorine to form compounds that may be discharged into the environment with minimum danger to aquatic plants and organisms, or that can be used in industrial process water.

**@chlorinators incorporated**

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**REGAL™**

# gas Ammoniators



## ALL THE FEATURES AND BENEFITS OF THE REGAL™ GAS CHLORINATOR, ADAPTED FOR AMMONIA

Except for the substitution in certain places of materials that are more resistant to ammonia, this is the REGAL Gas Chlorinator. It clamps directly on to the cylinder valve with a heavy-duty yoke, the gas is drawn from the cylinder by a vacuum and is never under pressure once it passes through the inlet valve; and the flow of gas is immediately and automatically shut off if loss of vacuum occurs anywhere in the system.

The REGAL Ammoniator is rugged, reliable and capable of giving you many years of trouble-free service.

### Other applications for the REGAL Gas Ammoniator include:

**IN THE POTABLE WATER INDUSTRY:** odor and color control, prevention of THM formation, and extension of the disinfection process through large distribution networks by the formation of chloramines.

**IN WASTEWATER:** helping to sustain life by improving the environment for aerobic organisms, through the introduction of nitrogen.

**IN THE PETROLEUM INDUSTRY:** neutralizing acid-treated crude oils and removing sulfur and preventing corrosion in stills, condensers and coolers.

**IN THE PAPER INDUSTRY:** preventing and sterilizing slime and slime processing and as a base for sulfite pulping process.

**IN THE TEXTILE INDUSTRY:** ammonia is used in wool processing.

**IN ALL INDUSTRIES:** it is used to neutralize acids.

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