

DOSING GASES < PRODUCTS

DOSING DEVICES Controlmatik ABW for DOSING AGGRESSIVE GASES

have been applied efficiently for many years in a number of projects and in various applications:

- ▶ potable water and swimming pool
- ▶ agriculture and the food-processing industry
- ▶ paper mills and the chemical industry
- ▶ power supply, cooling water
- ▶ waste water treatment

In most cases our dosing devices are applied in water disinfection . Since water is the most essential element to man's existence, we maintain its bacteriological purity by adding chlorine water chlorination , which is a common, sanitary, ecological and economically efficient water disinfectant.



Vacuum regulators

Vacuum Regulators are designed for dosing gas chlorine and with minor alterations also for other gases, working on the indirect vacuum principle



Rotameters

Rotameters are gas flow meters that can regulate flow. They consist of a base plate, measuring tube holders, a dosing valve and a measuring tube. The size and type of the measuring tube varies according to the flow range and gas type.



Ejectors

The Ejector is a mechanical device that generates the necessary vacuum for functioning of the dosing system. It consists of a drive nozzle, mixing chamber, non-return valve and an outlet connection.



Motor Valve

Electronically controlled electromotive dosing valve is designed for accurate dosing of gas chlorine into the water.



Vacuum regulator systems

System of vacuum regulators are designed for dosing gas chlorine and with minor alteration also for other gases, working on the indirect vacuum principle.



Pressure regulator systems

System of pressure regulators for direct dosage of gaseous chlorine under pressure, e. g. for open swimmingpools and tanks at locations where it is not possible to provide an auxiliary power supply.



Cabinets

The cabinets system can consists of rotameter, vacuum regulator, ejector, differential pressure regulator, pressure gauge and vacuum gauge.



Switchover

Is a device which in case of empty cylinder or container, automatically switches to full cylinder or container.



Evaporators

The evaporators are designed to heat liquid chlorine taken from storage containers and turn it to chlorine gas.



Additional equipment - Accessories

Standard gas regulator sets consist of a regulator and all equipment for gas dosing: a measuring tube, dosing valve and ejector, and when necessary a rotameter and a vacuum switch-over. The following additional equipment can be chosen for extension, upgrading, renewal or updating :

Vacuum switchover systems, Chlorine Tube Heaters, Flow and Vacuum Indicators, Chlorine Pressure Collector Tube, Valves, Electrovalves, Non-return Valves, Cylinder Holders, Casings, Scales, Chlorine Filters, Chlorine, Pressure Gauges, Vacuum meters,

