



CHEMICAL FEED SYSTEMS

Gas and Liquid Feeders

Data Sheet

EBD Water Features a complete line of Gas and Liquid Feed Systems. Depending on the application, systems are selected to provide the most effective approach for a broad range of chemical treatment.

Gas Feeders

EBD Water range of Gas Feeders are designed to feed Chlorine, Sulfur Dioxide, Ammonia and Carbon Dioxide. **EBD Water** can provide standard systems ranging from 0.1 kg/hr to 40 kg/hr (2000 ppd). Larger Systems can be customized using modular arrangements.



The **EBD Water** Gas Feeders are fabricated using the finest, fully chemical resistant materials. The systems can be supplied for direct cylinder, manifold, wall or floor cabinet mounting. The **EBD Water** Gas Feeders operate under vacuum, with no components carrying gas under pressure. A loss of vacuum causes the regulating valve to shut off the gas supply.

Liquid Feeders

EBD Water provides a full range of Liquid Feeding Systems for dosage of Hypochlorite solutions, Sodium Bisulfite, Polymers and other chemical solutions.



EBD Water package Chemical Feed Systems are skid mounted, completely preassembled for easy installation on site. The systems incorporate the highest quality metering pumps (corrosion proof, chemical resistant construction for long, service free operating life), storage tanks, agitators, and process instruments.

The systems can be designed for output as low as 0.02 GPD providing accurate dosage in critical applications and up to 100 Gallons per hour for large applications.



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Gas Feeders - Selective Data

Model Range	Capacity	Description
GFD 0005 to GFD 0500	5 ppd (0.1 kg/hr) to 500 ppd (10 kg/hr)	Direct mounting to chlorine cylinder, ton container or manifold system
GFW 0005 to GFW 0500	5 ppd (0.1 kg/hr) to 500 ppd (10 kg/hr)	Wall mounting
GFC 1000 to GFC 2000	1000 ppd (20 kg/hr) to 2000 ppd (40 kg/hr)	Floor Cabinet Mounting

Liquid Feeders - Selective Data

Model Range	Capacity	Description
A 0002 to A 5000	0.02 GPD to 50 GPD	Maximum injection pressure up to 250 psi, adjustable stroke frequency from 1 to 100 strokes per minute, adjustable stroke length from 0 to 100%
B 0001 to B 2400	1 GPD to 2400 GPD	Maximum injection pressure up to 150 psi, adjustable stroke frequency and length, operate from external 4 - 20 ma signal source

Optional Accessories

Remote Ejectors and Meters for Gas Feeding Systems

Water Meters

Automatic Switch-over Systems

Automatic Controllers

Gas Leak Detectors

Chlorine Residual Analyzers

ORP Controllers

Static Mixers

Variable Frequency Drives on
Chemical Feed Pumps

DESALINATION PROCESSES
DEIONIZATION PROCESSES
MUNICIPAL WATER TREATMENT
INDUSTRIAL WATER TREATMENT
MUNICIPAL WASTEWATER TREATMENT
INDUSTRIAL WASTEWATER TREATMENT
CHEMICAL SERVICES
TECHNICAL SERVICES