



DRY CALCIUM HYPOCHLORITE

**THE EFFECTIVE ALTERNATIVE TO
SODIUM HYPOCHLORITE**

Disinfecting Water Supplies For:

- **Municipal Applications**
- **Food & Beverage Processing**
- **Industrial Applications**

**Patented Spray
Technology**

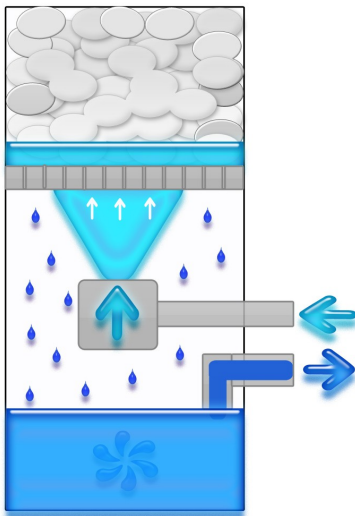


Dry Calcium Hypochlorite Feeding Systems

The Constant Chlor® Plus dry calcium hypochlorite feeding system is designed to prepare and automatically deliver a consistently accurate dose of liquid chlorine for disinfection applications.

The capital cost of the installation is half to two-thirds less than sodium hypochlorite solutions and it is an effective alternative. The Constant Chlor® system dry chemical does not leak and is easier and safer to transport and use than sodium hypochlorite.

The dry calcium hypochlorite system can be refilled and cleaned while in operation, minimising man hours for maintenance and shut downs.



How it Works

The Constant Chlor® Spray Technology feed system sprays supply water upward into a bed of briquettes, contacting the entire bottom of the bed evenly.

Maintaining a well-packed bed of briquettes reduces the potential for large voids in the spray surface that can result in inconsistent residual concentration in the final solution which collects in the lower reservoir.

This solution is slowly and continuously mixed, further enhancing concentration consistency.

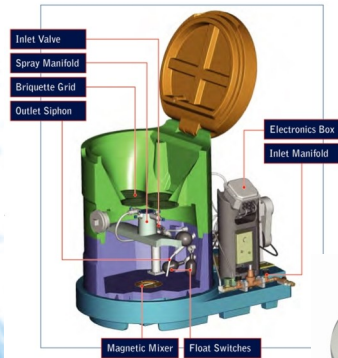
- SCADA compatible for use with manually controlled pumps or speed/stroke controlled pumps
- Unit constructed of high impact LLDPE. All wetted areas, internal fittings and level controls constructed of suitable plastics or other non-metallic material
- Micro-controlled spray cycle
- Automatic solution tank refill
- Pressure relief valve
- Mechanical overflow-prevention valve
- Nested configuration makes it easy to disassemble for installation and maintenance
- Convenient AVCL solution sample feature
- Dual position controls allow for flexible installation configurations
- Magnetic stir bar to keep insolubles in suspension
- Integrated mounting plate for solution metering pump

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Feeding System

The Constant Chlor® Plus dry calcium hypochlorite feeding system is designed to prepare and automatically deliver a consistently accurate dose of liquid chlorine for disinfection applications. This patented feeding system can supply up to 113kg of AVCL per day.



Specification

Chlorine Feed-Rate	4.7kg AVCL/hr Up to 113kg AVCL/day
Discharge Pressure	0 - 150 psig
Water Inlet Size	13mm F NPT
Solution Outlet Size	19mm M NPT
Dry Chemical Capacity	99.7kg
Certifications	NSF/ANSI 61
Site Requirements:	
Inlet Water	2.6gpm @ 50-150 psig
Electrical	20 amp @ 120V/1ph/60Hz
Operating Temperature	4.4 - 48.8 degrees C

Feeding System MM-1S

The Constant Chlor® Plus model MM-1S dry calcium hypochlorite feeding system is designed to prepare and automatically deliver a consistently accurate dose of liquid chlorine for disinfection applications. This patented feeding system can supply up to 18kg of AVCL per day.



Specification

Chlorine Feed-Rate	0.45-18kg AVCL/day
Inlet Pressure	75 -45 psi
Water Inlet Size	13mm F NPT
Metering Pump Connection	13mm F NPT
Dry Chemical Capacity	28.1kg
Chlorinator Diameter	483mm
Chlorinator Height	864mm
Chlorinator Weight (Full)	57.1kg
Chlorinator Weight (Empty)	12.7kg
Site Requirements:	
Inlet Water	1.0 gpm @ 50-150 psig
Electrical	20 amp @ 120V/1ph/60Hz
Operating Temperature	4.4 -40.5 degrees C

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Dry Calcium Hypochlorite Briquettes

Designed for use in the Constant Chlor® Plus chlorinator, these calcium hypochlorite briquettes provide the perfect chlorine solution for use in many applications including the treatment of surface and groundwater for municipal drinking water use, as well as the treatment of wastewater effluent.

The patented calcium hypochlorite briquettes contain a scale inhibitor to reduce maintenance and improve reliability of the feeder system



- Longer shelf life than sodium hypochlorite
- Scale inhibited to reduce system maintenance
- Effective alternative to sodium hypochlorite
- Cost effective for all municipal & water treatment applications
- Easier & safer to transport and use than sodium hypochlorite
- Small pillow-shaped briquettes provide an optimum spray bed pack resulting in outstanding solution consistency

Specification

Available Chlorine (wt%)	66%
Scale Inhibitor (wt%)	0.5%
Weight	7.0g
Dimensions	35 x 19 x 13mm
Regulations	EPA No 1258-1179 NSF Standard 60 AWWA Standard B300

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