

MC4-150 Feeding System

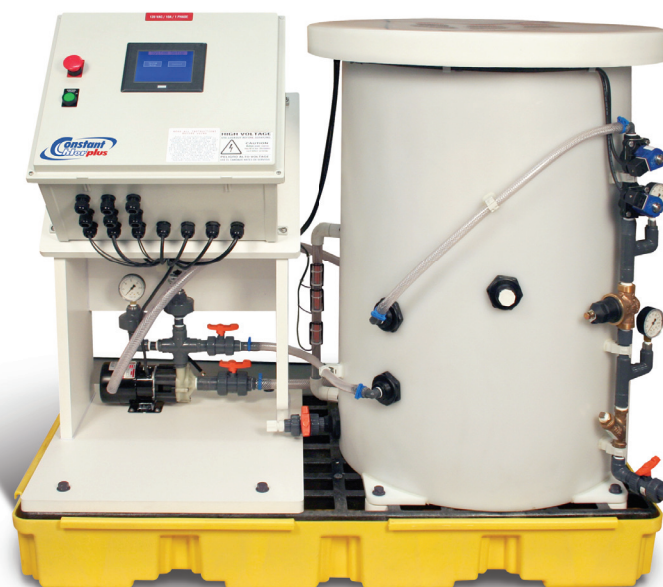
Dry Calcium Hypochlorite For Municipal Applications

Designed via feedback from actual field users, The **MC4-150 dry calcium hypochlorite feeding system** prepares and automatically delivers a consistently accurate dose of liquid available chlorine for disinfection applications. This feeding system can supply up to 150 pounds of AvCL/day on a sustained basis without the storage and handling issues associated with liquid bleach or chlorine gas. This highly customizable feeder uses EPA approved **dry calcium hypochlorite briquettes** and a patented spray technology to produce and maintain a fresh liquid chlorine solution.

BENEFITS

- Consistent and reliable chlorine solutions for a host of both public and private municipal applications such as remote wells, booster stations, water treatment plants and water reclamation facilities
- Customizable, convenient and easy to use
- Effective, safer, easier & less expensive alternative to gas and liquid bleach
- Reduced regulatory compliance required including eligibility for Material of Trade (MOT) exceptions for transport
- Internal mixing mechanism enables sustainable homogeneous solution and prevents solids build-up
- Compatible with all types of pumps including positive displacement pumps
- Efficiencies in bulk storage and man hours
- Operates at normal atmospheric pressure and is readily serviceable for refilling and cleaning while in operation
- Eliminates transfer spills and metering pump air locks due to off-gassing
- Pre-plumbed and skid mounted for ease of installation

model **MC4-150**



PATENTED PILLOW-SHAPED
BRIQUETTES



DELIVER UNPARALLELED
CONSISTENT RESULTS



MC4-150 Dry Calcium Hypochlorite Feeding System

MC4-150 FEATURES AND SPECIFICATIONS

- Unit constructed of high impact HDPE; all wetted areas, internal fittings and level controls constructed of suitable plastics or other non-metallic material
- Utilizes patented spray technology
- Patent-pending mixing mechanism within solution reservoir
- Automatic solution tank refill
- HMI touch screen
- Large 22 gal. tank size
- Delivers up to 150 lbs. AvCL per day
- Skid mounted with secondary containment
- Area for pump mount

120/240VAC, 50/60Hz, 15/10A,
1Phase control panel with LED
readout provides precise
control over all feeder
functions.



Specifications

Chlorine Delivery Rate*	5.0-150.0 lb. AvCl/day with 70° F inlet water temp.	Dry Chemical Capacity	225 lbs.
Discharge Pressure Range	50-150 psig	Site Requirements:	
Water Inlet Size	1/2 inch, FNPT	Inlet Water	3.0 gpm @ 50-150 psig
Solution Outlet (injector) Size	1/2 inch, MNPT	Electrical	20 amp @ 120V/1ph/60Hz
		Operating Temperature	40°-105° F

*Delivery rate is dependant on the dosing pump size

CONSTANT CHLOR® BRIQUETTES

When used with **Constant Chlor® Plus Briquettes**, the **MC4-150 Feeder** provides the perfect chlorine solution for municipal applications.

- Dry Solid Product
- More stable than liquid bleach
- Occupies much less space than liquid bleach
- Cost effective
- Less hazardous and easier to handle than liquid bleach
- Does not leak
- Scale inhibited
- Low capital cost compared to onsite generation
- Small pillow-shaped briquettes provide an optimum spray bed pack resulting in outstanding solution consistency
- Reduces maintenance of equipment
- Patented formulation



These patented, pillow-shaped briquettes contain a scale inhibitor designed to reduce maintenance and improve reliability of the feeder system.

TYPICAL PROPERTIES

- Available Chlorine (wt%)..... 66%
- Scale Inhibitor (wt%) 0.5%
- Weight 0.25 oz. (7.0 grams)
- Dimensions 1-1/4 in. X 3/4 in. X 1/2 in.
(approx 35mm X 19mm X 13mm)

CALL 1-800-478-5727

to find out more about

CONSTANT CHLOR® PLUS

or visit our website at

www.archwaterworks.com/municipal



Automatic. Accurate. Consistent.



Arch Chemicals, Inc.

5660 New Northside Dr NW, Suite 1100

Atlanta, GA 30328

1-800-478-5727