

ProCal SV

Granular Calcium Hypochlorite Feeder

ProMinent[®]

Technical Data Sheet



PRECISE CHLORINE DOSING FOR SWIMMING POOLS

Using calcium hypochlorite ($\text{Ca}(\text{ClO})_2$) as a chlorine source for water treatment in swimming pools has many benefits,



and the ProCal SV is designed to generate a dilute solution of calcium hypochlorite from dry chemical granules. Granular Calcium Hypochlorite has high chlorine content which makes it an effective sanitizer against algae, bacteria and other harmful pathogens. Additionally, it has an infinite storage life, less impact on pH changes, requires less stabilizers, minimizes the adding of total dissolved solids (TDS) to the pool, and typically costs less than chlorine tablets.

The ProCal SV comes as a complete system ready for easy installation. The granules are stored in a chamber and then transferred to a mixing tank where they are mixed with the incoming make-up water. The dosing rate is manually adjusted based on the chlorine needs of the pool or can be operated completely automatic with the addition of a DCM Controller Package.

APPLICATIONS

- Commercial Aquatic Centers
- Competition Pools
- Health & Fitness Clubs
- Hotels & Apartment Complexes
- Water & Splash Pad Parks
- Resorts & Spas
- Municipal & Public Pools
- Cold Plunge Pools

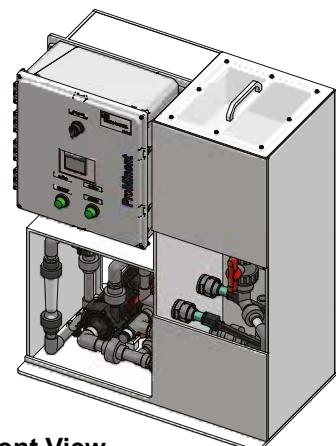
FEATURES

- Automatic Cleaning Cycle.....
- Utilizes Granular Calcium Hypochlorite
- Interface with ProMinent Controllers.....
- Supplied as a Complete System.....
- Prevents buildup of calcium and minimizes maintenance.
- Improves return on investment through the use of any brand of calcium hypochlorite.
- Automatically control process for easier operation.
- Simple installation and setup.

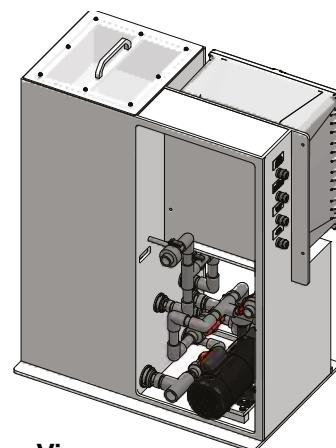
BENEFITS

SPECIFICATIONS

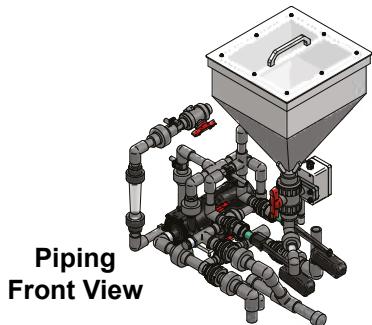
Dimensions	34" x 20" x 40" (864 x 508 x 1,016 mm)
Weight	120 LBS (54 kg)
Dry Granular Storage Capacity	40 LBS (18 kg)
Inlet Water Flow (minimum)	132 GPH (500 LPH)
Inlet Water Pressure (minimum)	14.5 psig (1 bar)
Maximum Solution Flow Rate	132 GPH (500 LPH)
Incoming Water pH Requirements	7.2 to 7.8
Temperature Range (Water/Ambient)	41 to 104°F (5 to 40°C)
Acid Injection Solution Recommendation	Hydrochloric Acid
Control Panel Material	Polycarbonate
Solution Outlet	3/4" PVC
Make-Up Water Inlet	3/4" PVC
Overflow / Drain	1" PVC
Approvals	UL508A, NSF 50
Recirculation Flow Rate	660 GPH (2,498 LPH)
Granular Capacity Feed Rate	Up to 8.99 oz/min (0.25 kg/min)
Granular Feeder Type	Vibrator
Acid Injection Pump Type	ProMinent concept b Solenoid-Drive
Transfer Pump Type	Mag-Drive Chemical Pump, 31GPM (117 LPM)
Electrical Requirements	120 VAC / 60 Hz / 10 A
Calcium Hypochlorite Concentration	78% maximum



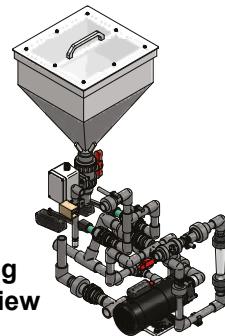
Front View



Rear View



Piping
Front View



Piping
Rear View

Technical Data Sheet

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