

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

## FEATURES

Automatic Cleaning Cycle.....

Utilizes Granular Calcium Hypochlorite .....

Interface with ProMinent Controllers.....

Supplied as a Complete System.....

## BENEFITS

Prevents buildup of calcium and minimizes maintenance.

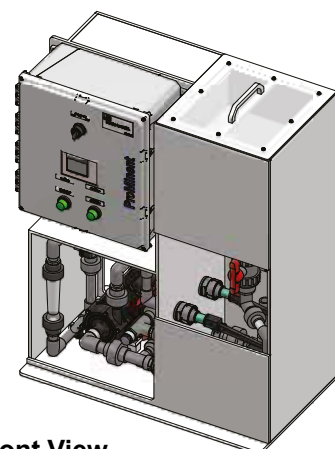
Improves return on investment through the use of any brand of calcium hypochlorite.

Automatically control process for easier operation.

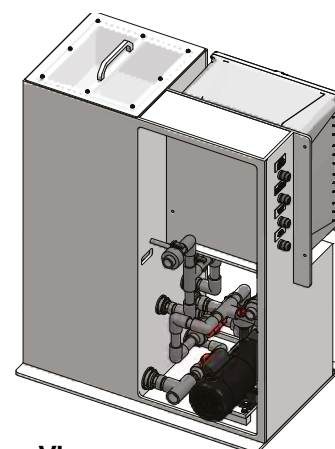
Simple installation and setup.

# SPECIFICATIONS

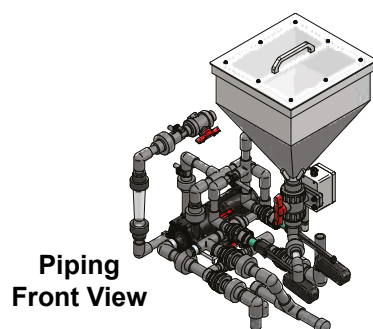
<b>Dimensions</b>	34" x 20" x 40" (864 x 508 x 1,016 mm)
<b>Weight</b>	120 LBS (54 kg)
<b>Dry Granular Storage Capacity</b>	40 LBS (18 kg)
<b>Inlet Water Flow (minimum)</b>	132 GPH (500 LPH)
<b>Inlet Water Pressure (minimum)</b>	14.5 psig (1 bar)
<b>Maximum Solution Flow Rate</b>	132 GPH (500 LPH)
<b>Incoming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



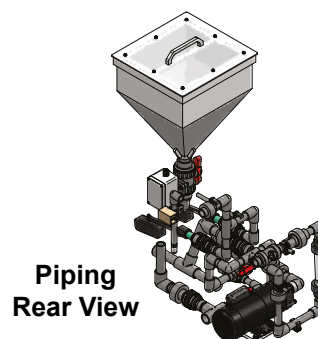
**Front View**



**Rear View**



**Piping  
Front View**



**Piping  
Rear View**

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### PROVEN SOLUTIONS THAT MEET YOUR NEEDS

ProMinent Fluid Controls offers the highest quality metering pumps, disinfection systems, polymer preparation systems, metering systems for solids, instrumentation, and custom designed systems. The Group is headquartered in Heidelberg, Germany with more than 2,800 employees throughout 50 sales and service locations and 11 production sites. With over 60 years of experience, our expertise and wide range of products positions us as your reliable solution partner for the treatment of water. To learn how we can help you, contact us at:

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Your partner for in-house system design, manufacturing, testing and certification, with complete aftermarket services, including field technicians for startup and repair, technical support, training, along with a large inventory of spare parts and components to keep your system operating at peak performance.

UNITED STATES OFFICE:  
Pittsburgh, PA • (412) 787-2484  
prominentcsd-us@prominent.com  
www.prominent.us

CANADA OFFICE:  
Guelph, ON • 1-888-709-9933  
sales-can@prominent.com  
www.prominent.ca