

PULSAR® PLUS BRIQUETTES



Pulsar® Plus Briquettes are designed for use in Pulsar® Feeders and are certified to NSF/ANSI Standard 50. While NSF certification is voluntary, over 30 states require aquatic chemical feeders to be certified or otherwise comply with the requirements of Standard 50.

These patented, pillow-shaped briquettes contain a scale inhibitor designed to reduce maintenance and improve reliability of the Pulsar® Chlorinator Systems.

FEATURES

- Dry Solid Product
- Longer shelf life than liquid bleach
- Requires less storage space
- Cyanuric Acid free

SCALE INHIBITED

- Patented formulation
- Reduces maintenance of equipment

REGULATORY

- EPA No. 1258-1179
- NSF/ANSI 50 Certified

PROPERTIES

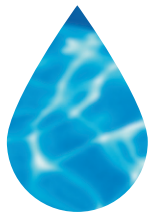
- Available Chlorine (wt%): 65% minimum
- Scale Inhibitor (wt%): 0.5%
- Weight: 0.25 oz. (7 grams)
- Dimensions: 1-¼ in. x ¾ in. x ½ in.
- Appearance: Pillow Shaped Briquette

PACKAGING

Pulsar® Plus Briquettes are available in 50 lb. and 100 lb. plastic pails.

100LB Pail: 14"W x 23"T x 13"D
50LB Pail: 12"W x 14"T x 11"D

NSF® is a registered trademark of NSF International.



Aquatic Chlorinating System

Fresh Available Chlorine

Superior Water Quality

Reduced Maintenance Time

Patented Spray Technology

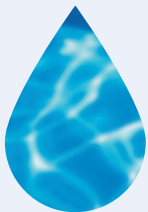


PULSAR[®] TECHNOLOGY

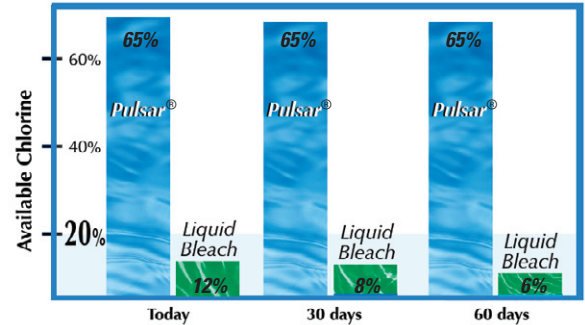




It's easy to see the benefits of using Pulsar® for pool and spa water sanitation: *A remarkable difference in pool water clarity color and sparkle.* Using Pulsar® eliminates the hazards of chlorine gas and liquid bleach; protects bathers, plaster and equipment; and reduces chloramine odors dramatically. It's the only sanitation method that chlorinates, removes organics and metals, boosts hardness and shock treats . . . In one simple process. **With balanced pool water, Pulsar® provides cleaner, clearer water, less hassle and longer pool and equipment life.**



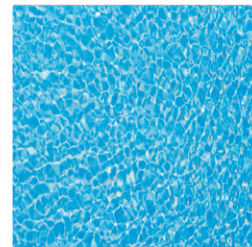
HIGHER AVAILABLE CHLORINE Pulsar® treats pools and spas faster and lasts longer. It delivers more than five times the available chlorine as liquid bleach. More importantly, Pulsar® maintains its available chlorine level over time, while liquid bleach can lose as much as 1/3 of its sanitizing strength over 30 days. Pulsar's higher available chlorine levels mean reduced maintenance time and lower operating costs for you!



SUPERIOR WATER QUALITY Seeing is believing. Liquid bleach's inconsistent dosing means uneven chlorination and excess TDS, primary causes of cloudy water and corrosion. Pulsar® Plus Briquettes and patented spray technology delivers crystal clear, sparkling water.



Liquid Bleach



Pulsar® Plus Briquettes

SUPERIOR BRIQUETTE TECHNOLOGY Pulsar® Plus' smaller size and briquette shape compact closely to fill the entire bottom of the briquette bed evenly. And then, the Pulsar® spray technology dissolves the briquettes evenly; resulting in a consistent and accurate feed rate.

Dry Solid Product Features:

- Longer shelf life than liquid bleach
- Requires less storage space
- Less hazardous to handle than liquid bleach
- Secondary containment not normally required
- Easier to transport and handle than liquid bleach
- Cyanuric Acid free



Generic Tablets



Pulsar® Plus Briquettes

REDUCED MAINTENANCE TIME The Pulsar® Plus System reduces maintenance time by eliminating or reducing tasks associated with liquid bleach systems, including: unplugging and re-priming of metering pumps, daily refilling of solution tanks with (less than 12% available chlorine) bleach, transporting heavy carboys and drums, spill clean-up and frequent adjustments to water balance. With the Pulsar® Plus System you simply refill the briquette hopper when required with (65% available chlorine) briquettes and make minor water balance adjustments when required.

PATENTED SPRAY TECHNOLOGY

HOW IT WORKS

A brief, intermittent spray cycle injects water upward into a bed of briquettes. The entire bottom of the bed is evenly sprayed; not just the material resting on the bottom of the grid. The briquettes are designed specifically for use in Pulsar's spray technology feeder system. They are small sized, "pillow" shaped and smooth textured, allowing for optimum packing of the spray bed.

Unlike generic chlorine tablets, Pulsar® Plus' Briquette design prevents large voids from forming in the spray surface area – greatly improving the consistency of chlorine concentration in the final solution. The fresh hypochlorite solution produced by the spray cycle collects in the chlorine solution tank and is then introduced into the pool recirculation system through a venturi. Automatic valves control the spray time, discharges, and prevents over filling of the solution tank.

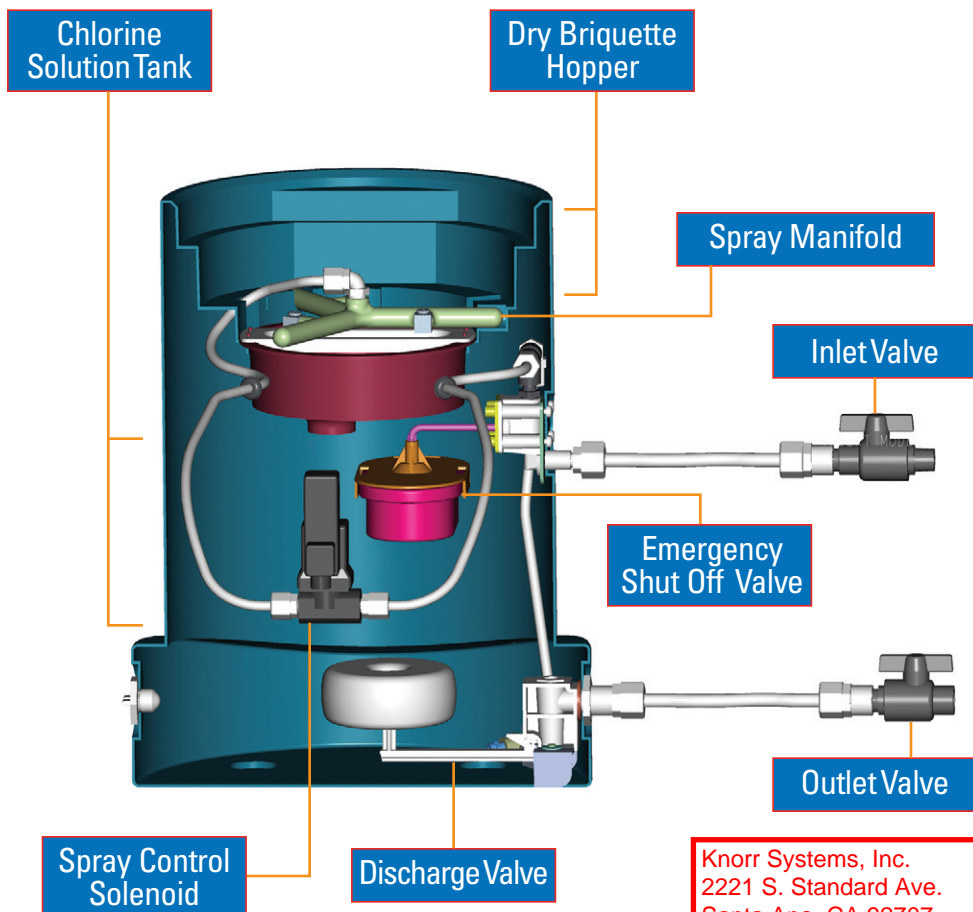


FEEDER MODELS

P1 for pool and spas up to 50,000 gallons.

P3 for pools up to 250,000 gallons.

P4 for pools 250,000 gallons and larger.



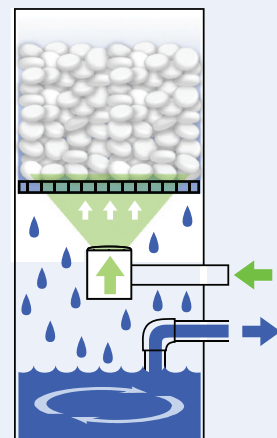
Knorr Systems, Inc.
2221 S. Standard Ave.
Santa Ana, CA 92707
714-754-4044
714-754-1405 Fax

NOT AN EROSION FEEDER The Pulsar® Plus spray feed system is a vast improvement over erosion style feeders that rely on standardized and sharper edged calcium hypochlorite "pills," or "tablets." Uneven settling of these tablets leaves gaps that lead to inconsistent solution strength and an uneven feed rate.

TYPICAL EROSION FEEDER



PULSAR® SPRAYTECHNOLOGY



Erosion feeders are notoriously inconsistent. But Pulsar® Plus' upward spray technology directs supply water evenly across the entire bottom of the bed. The resulting chemical solution is mixed continuously, producing a concentration so even that minimal operator adjustment of the dosage is required.