



Introducing the Pulsar® Acid Plus Feeder System!

If you are using Pulsar® calcium hypochlorite feeders, then the Pulsar® Acid Plus feeder system can help maintain a complete dry chemical package for sanitization and pH control (down).

The Pulsar® Acid Plus Feeder provides:

- » Reliable pH balancing
- » Features a compact rugged roto molded body
- » Integrates inlet flow solenoid control for reliable operation
- » Shares booster and venturi loop
- » Custom color to distinguish between other feeders
- » Acid introduced to venturi removes scale and minimizes maintenance
- » Back flow prevention

The Pulsar® pH Down +4 is a proprietary formulation with the following benefits:

- » Dry acid chemical is easier to handle and transport than CO2 and muriatic acid
- » Requires NO double containment
- » Ensures no liquid spills
- » Has little to no odor
- » Dry acid solution is 100% soluble
- » Acid solution is not under pressure
- » Less hazardous than highly concentrated liquid
- » 10lbs is equivalent to 1 gallon of 32% (20 Baumé) muriatic acid

The Pulsar® Acid Plus feeder system is low maintenance, easy to install and has a small footprint making it a great addition to your pool chlorination treatment plan.

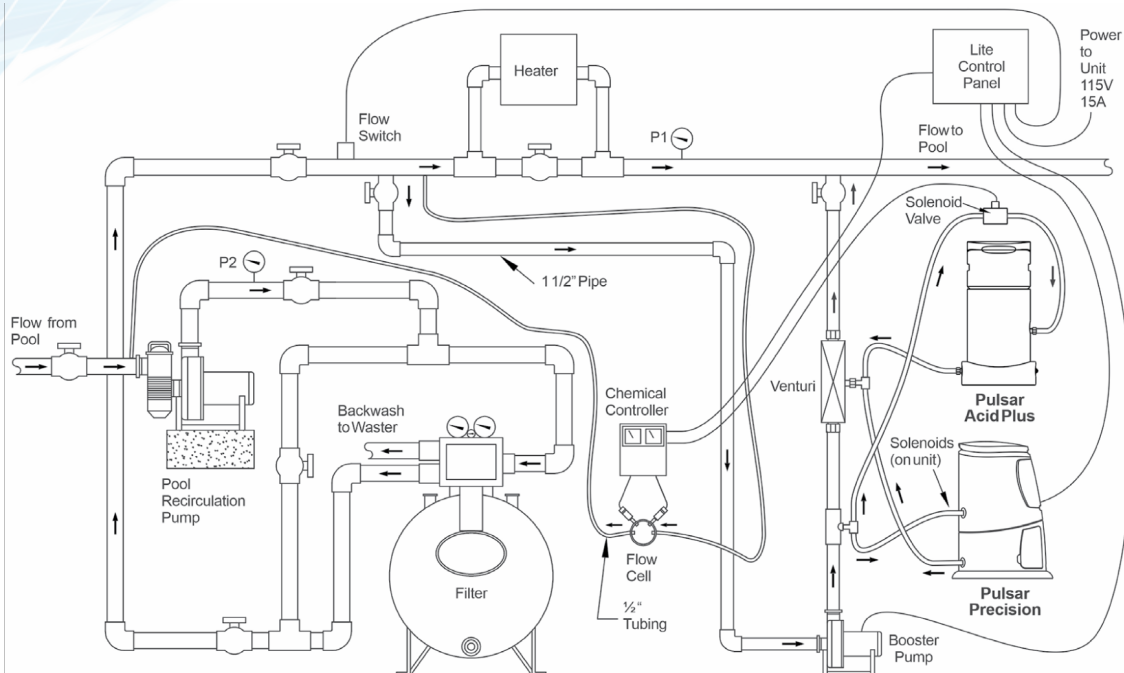
4-in-1 product lowers pH, continuously removes phosphate, clarifies and prevents stains and scale!



System Capacity		
Volume	60 lbs.	27.21 kg
System Capacity		
Width	60 lbs.	27.21 kg
Height	60 lbs.	27.21 kg
Weight (empty)	60 lbs.	27.21 kg
Requirements		
Use with	Pulsar® pH Down +4 Granular	



Pulsar® Acid Plus



Installation:

1. Use schematic for installation guide
2. Install booster pump and venturi Loop in accordance with the feeder I&O manual
3. Install one ½" Tee at the ½" NPT outlet above the booster pump discharge
4. Install the second ½" Tee at the ½" venturi suction
5. Connect four parker tubing connectors on the Tee branches at the feeder inlet and venturi suction
6. Plug in the feed solenoid valve to the chemical controller pH down output for pH control automation

WARNING – Always use personal protective equipment including but not limited to chemical gloves, safety goggles and a full-face mask when handling acid to protect from liquid and vapor. Refer to the Safety Data Sheets that are included with the acid for additional information and precautions regarding the proper handling of acid.

If using the same booster pump and Venturi as the precision feeder as shown in the schematic, set booster pump to Always On by setting dip switch 4 to OFF in the control box.

Parts List

Part	Description	QTY	Part #
Pulsar® Acid Plus	Dry Acid Feeder, Tees (Qty 2), nipples (Qty 4), ½" parker fastNTights P8MC8 (Qty 2),	1	73350
Pulsar® Installation Kit	1HP booster pump, 1 ½" Venturi PVDF with unions, ½" OD PE tubing 20 Ft, ½" x ½" female connector, ½" FNPT x ½" tubing connector, ½" FNPT x NPT ball valve (outlet), 1 ½" x 12" PVC nipple,	1	79830
Tee	½" FNPT sch 80	2	71912
Nipple	½" NPT x 1 ½" fully threaded	4	71916
Acid Plus Lid	Red lid for Pulsar® acid feeder	1	73298
Solenoid Valve	Basic SDCH ORP Kit w/3 meter extension	1	73119



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