

# Hydro<sup>®</sup> Water Treatment Equipment

## POSEIDON SOLID DISSOLVERS — HIGH OUTPUT SYSTEMS

The High Output single solid dissolver provides diluted solution of one solid product (inhibitor or biocide) held in an integrated reservoir, ready for on-demand pumping when indicated by the system controller. Water sprays into both containers of the treatment product simultaneously for more rapid dissolving.

### Features



- ▲ No electricity required
- ▲ Runs off line water pressure (30-90 psi)
- ▲ Uses low cost, reliable float technology
- ▲ Includes back-up reservoir and float assembly for overflow protection
- ▲ Includes adjustable pressure gauge and removable filter
- ▲ Translucent body allows viewing of water level in reservoir
- ▲ Takes advantage of the reduced transportation and storage costs, and worker safety benefits of solid chemistry

### System Advantages

#### USES RELIABLE, TIME-PROVEN FLOAT TECHNOLOGY

No electric solenoids to burn out, no transformers to fail when current spikes. The dissolver's float technology has been proven in the car wash industry for over 40 years. And there are no reed switches to gum up and stick. The result: consistent, reliable performance, reduced down time, and reduced service calls.

#### EASY TO INSTALL

Attach the unit using 4 bolts, hook the floats to the valves, attach the water inlet and the solution discharge tubing—that's it. The unit is ready to go to work.

#### DESIGNED FOR CHEMICAL RESISTANCE

Molded parts are made of polypropylene and polyethylene; metal parts are made of Nitronic 50 steel for maximum chemical resistance.

#### INTEGRATED BACK-UP PROTECTION

The unit contains a second reservoir and float assembly which is activated should the primary reservoir overflow. This back-up feature shuts off the water flow to prevent system overflow.

#### TWO CONTAINERS OF PRODUCT EXTEND REPLACEMENT TIME

Both containers of the treatment product are sprayed simultaneously, allowing the reservoir to fill more quickly. In addition, the two containers allow replacement of product to be extended to double the time of single container units, for accounts with low visit frequency or high chemical use.

#### SPECIALIZED NOZZLE TECHNOLOGY

Spray nozzles are molded polypropylene to avoid chemical attack. Four spray patterns are available to ensure optimum dissolve rates.

## Model Information

<u>Model</u>	<u>Description</u>
592	High output, single product solid dissolver, sprays both product containers simultaneously

Dimensions: 26" W x 28" H x 10" D  
 Weight: 30 pounds (with water)

## Other Models

<u>Model</u>	<u>Description</u>
590	Single product solid dissolver, float-activated, with primary reservoir and back-up float system/reservoir
591	Continuous-feed, one product solid dissolver with toggle-logic, for larger systems
593	Gravity-feed, one product solid dissolver, with solenoid
594	Gravity-feed, one product solid dissolver, with timer
595	Single product solid dissolver, float-activated, with reservoir
596	Modular single product solid dissolver, with solenoid and bowl
597	Modular three product solid dissolver, with solenoids and bowls
598	Venturi injection unit for open-feed systems. 3.5 GPM flow rate
599	Venturi injection unit for open-feed systems. 6.0 GPM flow rate



Model 590



Model 591



Model 593



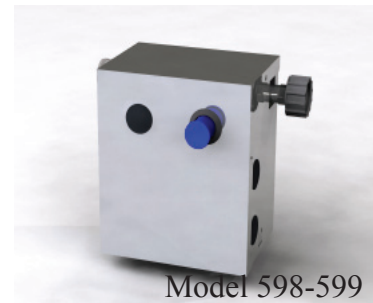
Model 594



Model 595



Model 597



Model 598-599