



Millennium SPW™

SINGLE POINT WATERING SYSTEM

by  **FLOW-RITE**



**"The Best in
Battery Watering"**



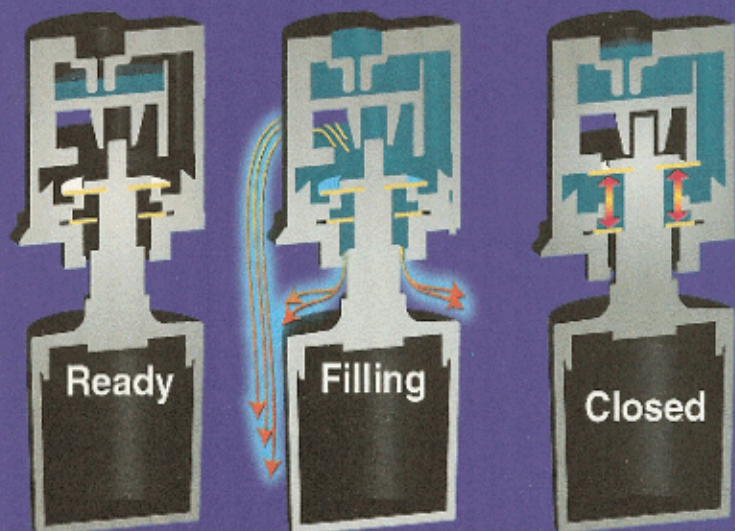
The Millennium Advantage

Millennium SPW™ is bar none the most innovative, advanced, versatile, and user friendly system yet. At a glance, many of the new features are evident. Everything from the new clampless polypropylene tubing, flame arrestors, flip top cap, and the low profile to the new solid "chimney shroud". But what's even more impressive is the completely redesigned structure inside the valve.

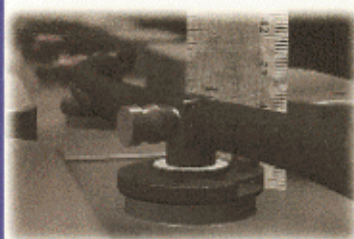
The Millennium SPW™ valve is capable of working independent of water pressure (3-35 PSI), allowing you to use whatever existing water supply you may have.* Flow-Rite will even put on a matching quick coupler for competitor's water supplies. In addition, the new valve includes a built in water barrier to block the propagation of a flame front from entering adjacent cells in the event of accidental cell gas ignition.

How It Works

Millennium SPW™ valve operation features a breakthrough patented technology that sets a new standard for reliability and versatility with single point watering. Without levers, hinges, or pivot action, Millennium SPW™ valves can operate independent of refill water supply pressure to accurately control cell electrolyte levels. Through Fluidic Displacer Valve Technology, it uses a dual, balanced valve design that allows the displacement force to act directly through the center of the valve without any mechanical leverage. The Millennium valve is very sensitive to the displacement force, allowing a very small displacer to be used. At the same time it is very insensitive to variations in the water supply pressure used, making it a true multi-pressure valve. Fluidic Displacer Technology allows the Millennium SPW™ valve to maintain the low profile and easy tube routing features found in Flow-Rite's previous PowerStream and Snap-Fill systems.



* Consult factory for automatic watering applications



Low Profile Design

The patented low profile design allows the system to sit well below the intercell connectors, keeping all of the components out of harm's way.

Clampless Tubing

Our patented polypropylene tubing installs in less than half the time of tubing that requires clamps and holds twice as well (up to 125 PSI). Unlike clear PVC tubing, our patented tubing will not break down and cause system failure.

3 Port Swivel T

The patented 3 Port Swivel rotates a full 360 degrees, making tube routing more versatile. Combined with the new clampless tubing you'll find the quickest and easiest installation ever.

Flip Top

The flip top access port allows you to check specific gravity levels quickly & easily without having to remove the watering system.

De-Gas Chamber

The Millennium valve allows each cell to vent gases normally. The gases leave the cell through the de-gas chamber separate from the incoming water.

Internal Water Lock

In the event that an explosion occurs within a cell the built in water lock will prevent the explosion from traveling to neighboring cells via the watering system.

Flame Arrestor

The optional flame arrestor will prevent any external flame or spark from entering the battery through the de-gas chamber and causing an explosion.

**5 FLOW-RITE CONTROLS
5 YEAR WARRANTY**

The Millennium SPW system carries a full 5 year warranty on all components (excluding water supplies). All products are date stamped to ensure quality.

Some of the many Flow-Rite SPW System users include...

Abbott Laboratories
Ace Hardware
Anheuser Busch
Benjamin Moore
Best Buy
Bosch
Campbell Soup
Coca-Cola
Coors Brewing
Disney
Dole Foods
Eastman Kodak
Ford Motor
Frito Lay
Gander Mountain
General Electric
General Motors

Georgia Pacific
Goodyear Tire
Hewlett Packard
Home Depot
Honeywell
IBM
Ikea
Keebler
Kellogg
Kelly Tire
Kraft Foods
La-z-boy
Lipton
Marshall's
Mead Paper
Michelin Tire
Minute Maid

Motorola
Nestle
Nine West
Nissan
Office Depot
Pepsi
Pharmacia
PPG Industries
Procter & Gamble
Sara Lee
Saturn
Save-a-Lot
Shiseido
Sony
U.S. Battery
United Airlines
Wal-Mart Stores

Flow-Rite also offers the following SPW systems



For use on most group 24-31
12-Volt Batteries



For Use on Most 6 or 8-volt
Golf Car Style Batteries



"The Best in Battery Watering!"



Warranties

Five year limited warranty on Millennium SPW systems.
One year limited warranty on Millennium SPW water supplies.
See specific warranties for details.

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