



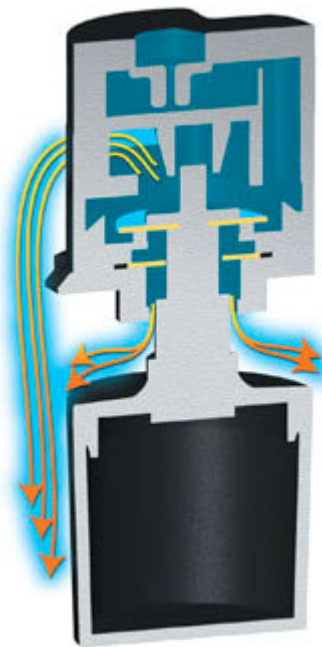
## How it Works

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 independently 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. Go to- [http://www.flow-rite.com/spw/millennium/mil\\_howitworks.html](http://www.flow-rite.com/spw/millennium/mil_howitworks.html) to see how it works.



Ready Position- Displacer

Water level below full point



Filling Position- Displacer

Water filling cell



Closed Position- Displacer

Water level to full level in cell

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