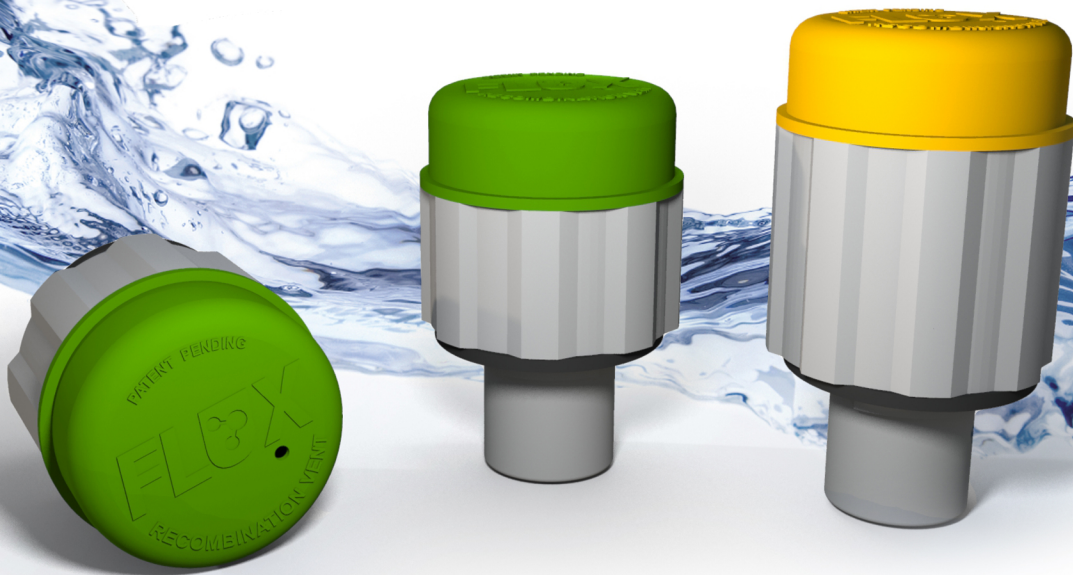


Save More Water. PERIOD!



FLUX
RECOMBINATION VENT

FLUX^{EXT}
RECOMBINATION VENT

Electrolyte Retention Re-invented

Introducing the **FLUX1000** and **FLUX2000** line of catalytic recombination battery vent caps.

The first and only USA Manufactured vent cap for flooded lead acid batteries addressing both Hydrogen - Oxygen dispersion and electrolyte evaporation.

- Less Watering
- Less Environmental Hydrogen
- Less Leaking
- Less Chance of Explosions
- Less Maintenance
- Less Mess

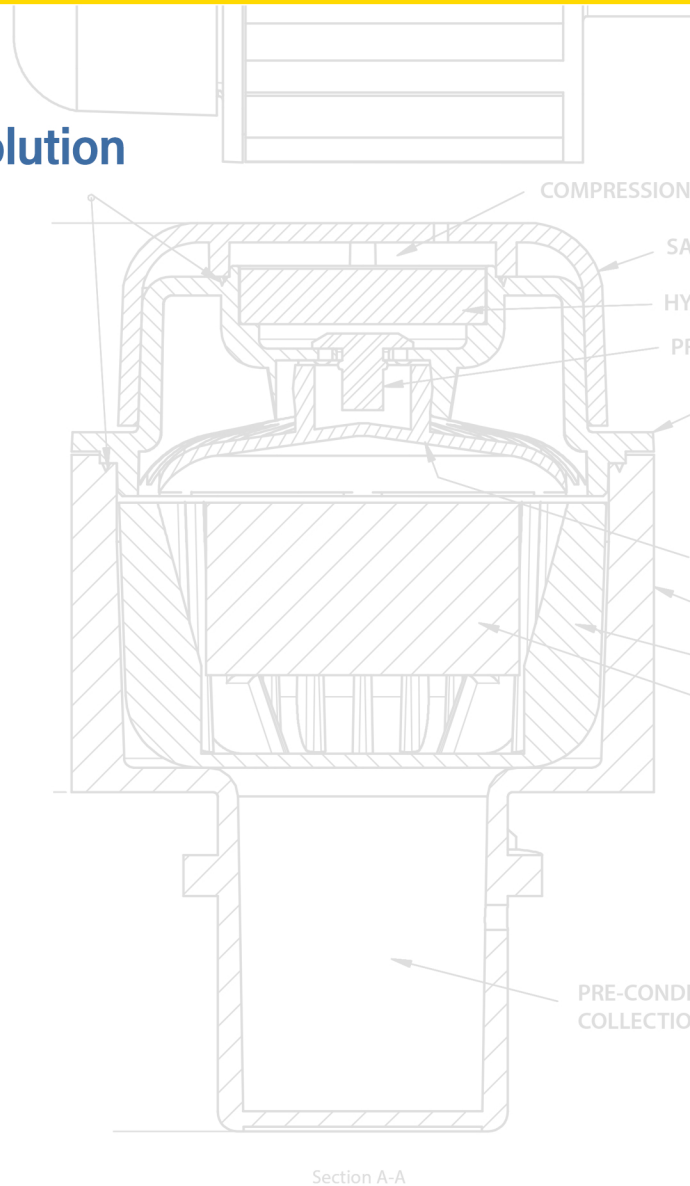




The Battery Maintenance and Safety Solution

The FLUX Vent by Flow Systems drastically reduces the need for routine watering of all flooded lead acid batteries. The patented (PN 10,601,010 2018) combined hyper-catalytic precious metal core along with advanced moisture aggregation technology helps to save anywhere from 75% - 95% of the batteries existing electrolyte, depending on the operators existing maintenance routine..

- Maximizes Watering Intervals
- Reduced Overall Maintenance
- Safer Operating Environment
- Cleaner Batteries
- Improved Operation
- Fume Free Environment

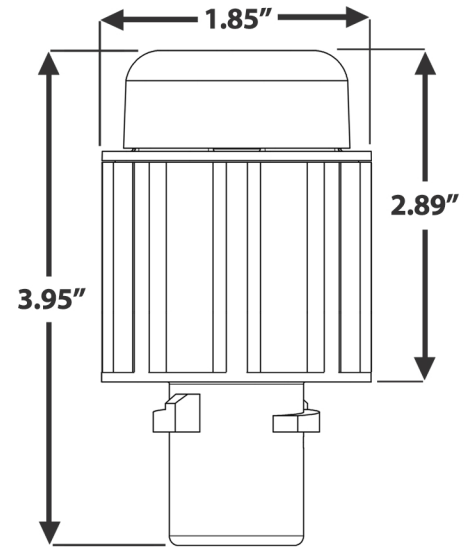
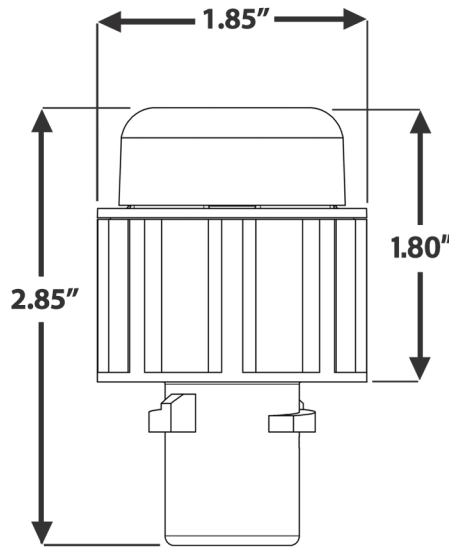


Available in two sizes to accommodate most battery capacities.

FLUX1000 for Batteries
 0 to 300 AH

FLUXEXT2000 for Batteries
 0 AH to 550 AH

FLUXEXT2000 for Stationary
 Batteries up to 2000 AH



PRODUCT NO.	FLUX1000	FLUXEXT2000
CAPACITY Amp-Hours (AH)	0 to 300 AH	0 AH to 2000 AH
TOTAL HEIGHT	2.85" / 7.23 cm	3.95" / 10.03 cm
TOTAL WEIGHT	1.80 oz / 52.40 g	2.71 oz / 76.82 g
BODY MATERIAL	Polypropylene Co-Polymer	Polypropylene Co-Polymer
MOUNTING STYLE	Bayonet or DIN	Bayonet or DIN
VENTING PRESSURE	< 1 PSI	< 1 PSI
SPARK ARRESTOR	Yes	Yes
ARRESTOR FLOW RATE	15.0-22.9 LPM @10" H2O Pressure	15.0-22.9 LPM @10" H2O Pressure
RUBBER WASHER	Yes	Yes
CATALYTIC RECOMBINATION	Yes	Yes
EVAPORATION CONTROL	Yes	Yes
WARANTY	1 YEAR	1 YEAR



Instructions & Maintenance Tips:

The FLUX Vent is designed to be simple and maintenance free. Most batteries manufactured in the USA utilize the 1/4 turn bayonet mounting system to attach the vent caps to the battery. Remove your existing vent caps or single point watering valves by 1/4 turning in a counter-clockwise position. To install the FLUX vent, place the FLUX vent into the cell opening and repeat this process in the opposite direction.

Checking Water Levels: FREQUENCY

- Ultimately, the amount of water saved is directly related to usage and your battery maintenance routine. Until you determine how much water savings the FLUX vent will provide, it is a good idea to check the battery cells on a quarterly or semi-annual basis. As it becomes understood how often watering is needed, less frequent level checking is needed.

Appropriate Water Level and Charging Program

- It is important to maintain the proper water level in your battery according to the manufacturer's specifications. Overfilling your batteries leads to potential acid build up on the outside of your batteries cell cover, corrosion of battery terminals and added maintenance. Your charging program as well has a large impact on the health and longevity of your batteries. Make sure the charging regimen determined by the manufacturer is followed exactly. Proper watering and charging is needed to maintain the efficiency of the FLUX vents installed on your batteries.

Keep Space Above Vents Clear

- It is a good idea to always maintain adequate clearance above the FLUX Vents when they are installed on your batteries. As a general rule, leave a minimum of 1" clearance above the vent hole on the green or yellow portion of the FLUX Vent.

Heat Generated by the FLUX Vent Caps

- As part of the catalytic reaction happening inside the FLUX Vent, warm heat will be generated. This heat typically occurs during the over-charging or equalization phase. The heat generated during these phases is normal and a good indicator that the FLUX Vent is recombining the Hydrogen and Oxygen your battery is producing.