



## SINGLE-POINT WATERING SYSTEMS FOR LOCOMOTIVE BATTERIES

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Frequent locomotive starts demand aggressive charging of the locomotive batteries, resulting in increased water use. To avoid damage and ensure cranking amps are available, it is important that the proper liquid level is maintained in each cell at all times.



The Rolls Locomotive Single-Point Watering Systems by Flow-Rite is the **ONLY** single point watering system designed specifically for locomotives.

- Installs on all major brands of locomotive starting batteries
- Low profile design fits in locomotive battery compartments
- Acid resistant, polypropylene components and tubing
- Designed to survive extreme temperatures and vibrations

Utilizing quality components manufactured by



### Precise & Efficient Maintenance

- Reach all cells without removing the battery from case
- Complete watering in 1-2 minutes
- Automatically ensures the correct amount of water is delivered to each cell on every top-up
- Typical install takes only 15 minutes

Standard hose and coupler connections available

### Designed for Operational Safety

- The **ONLY** single-point watering system that provides internal flame arrestors
- Designed to allow for electrolyte expansion, avoiding dangerous acid spills
- Eliminates the need to lift or remove a battery for watering
- De-gas chamber allows normal release of gasses



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Flow-Rite's patented 3-Port Swivel provides the easiest, most versatile installation. Rotating a full 360 degrees allows tubing to be installed without kinks or over-stretched tube lengths which may lead to system failures.

The patented polypropylene clamp-less tubing installs in half the time of the competition - with twice the hold as well.

Unlike PVC tubing, the polypropylene tubing will not breakdown from battery acid exposure. Rolls Locomotive Single Point Watering Systems by Flow-Rite are available for use with all standard style locomotive starting batteries.

When requesting pricing, simply indicate battery make, model and preferred water supply.

### Superior to Standard Watering Guns

Manual watering guns cannot reach all cells unless the battery is removed from the case. In addition, a traditional watering gun cannot regulate the amount of water dispersed to each cell.

Installing a Rolls Locomotive Single-Point Watering Systems by Flow-Rite and regulated hose supply allows efficient watering in only one to two minutes with confidence that the correct amount of water is delivered to each individual cell on every top-up.

Manual watering guns cannot reach back row of cells when installed



One connection waters all cells simultaneously



### Optional Flow-Rite Accessories for Single Point Watering Systems

#### Deionized Water Supply

- Removes dissolved solids from tap water
- Uses ion exchange cartridge filled with non-toxic synthetic resins
- Light indicator advises need to replace cartridge



#### SPW Compatibility Kits

- Connectors and adapters enable compatibility with other SPW systems and water delivery supplies
- Standard and custom kits available



#### DC Watering Cart

- 22 gallon holding capacity
- DC powered; 12-volt sealed battery included
- Strong polyethylene plastic
- Includes flow indicator and coupler



#### Regulated Hose Supply

- Reduces facility water to safe operating pressure
- Inexpensive option allows for fast filling
- Connects directly to standard garden hose bibb

