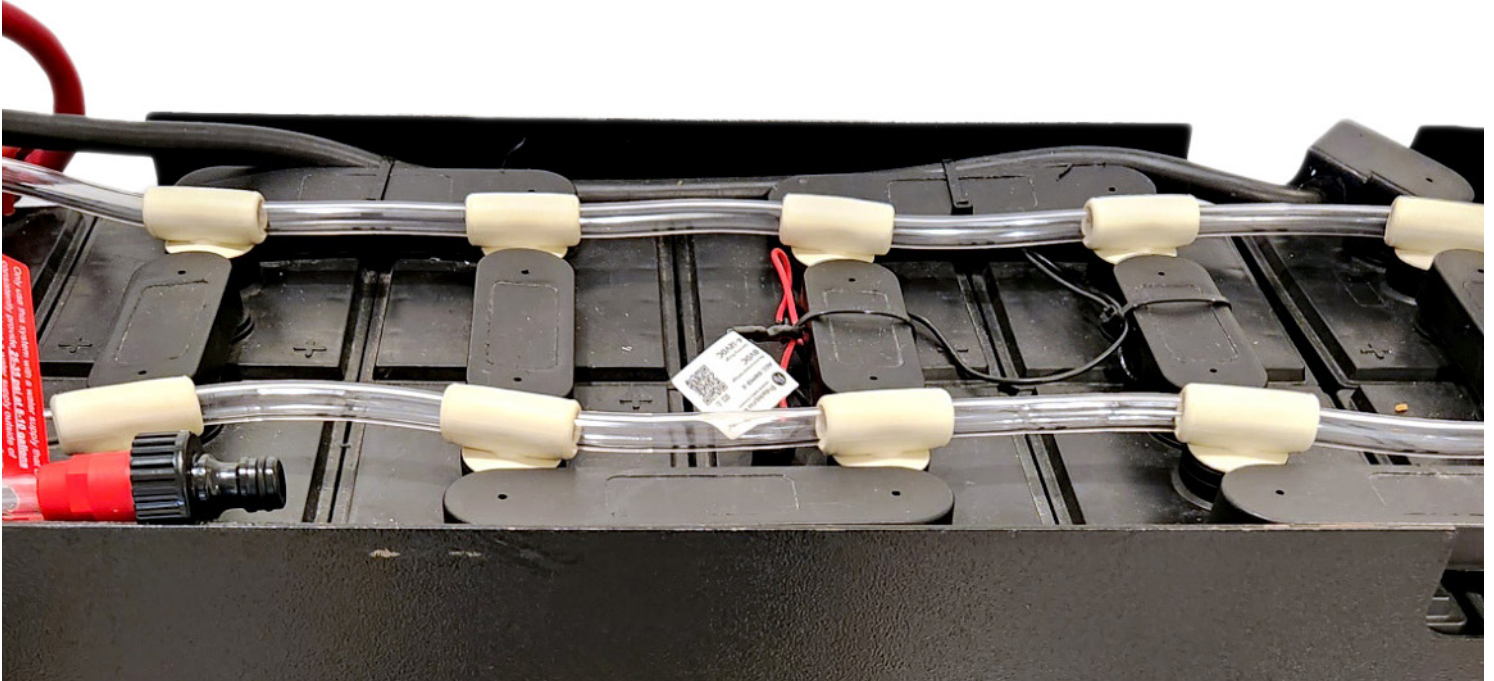




WATER INJECTOR CLASSIC SYSTEM™

FLAME ARRESTED INJECTOR SYSTEM

THE WORLD'S FASTEST AND MOST RELIABLE BATTERY WATERING SYSTEM



**FLAME
ARRESTED
DESIGN**



**FILLS IN UNDER
15 SECONDS**



**ACCURATE
FILLING**

Introducing the Flame Arrested Water Injector Classic System - the world's fastest and most reliable way to water industrial batteries. It offers a simple 3-step process and automatically fills the battery cells to the optimal level in under 15 seconds. This is eight times faster than filling a battery with a float-based system. For most warehouses and DCs, that adds up to hours of maintenance time saved each week.

Safety is our top priority, and we are proud to introduce the Flame Arrested Injector System that enhances the safety features of the Water Injector Classic System. This special component is fixed onto the base of Classic Injectors, providing an extra layer of protection against external sparks or flames. By doing so, it prevents any potential explosions caused by gases inside the battery cells. With the Flame Arrested Injector System in place, we address the most critical safety concerns outlined in the Cal/OSHA Statute T8-5185(n). This innovation ensures a safer and more secure battery maintenance process for everyone involved.

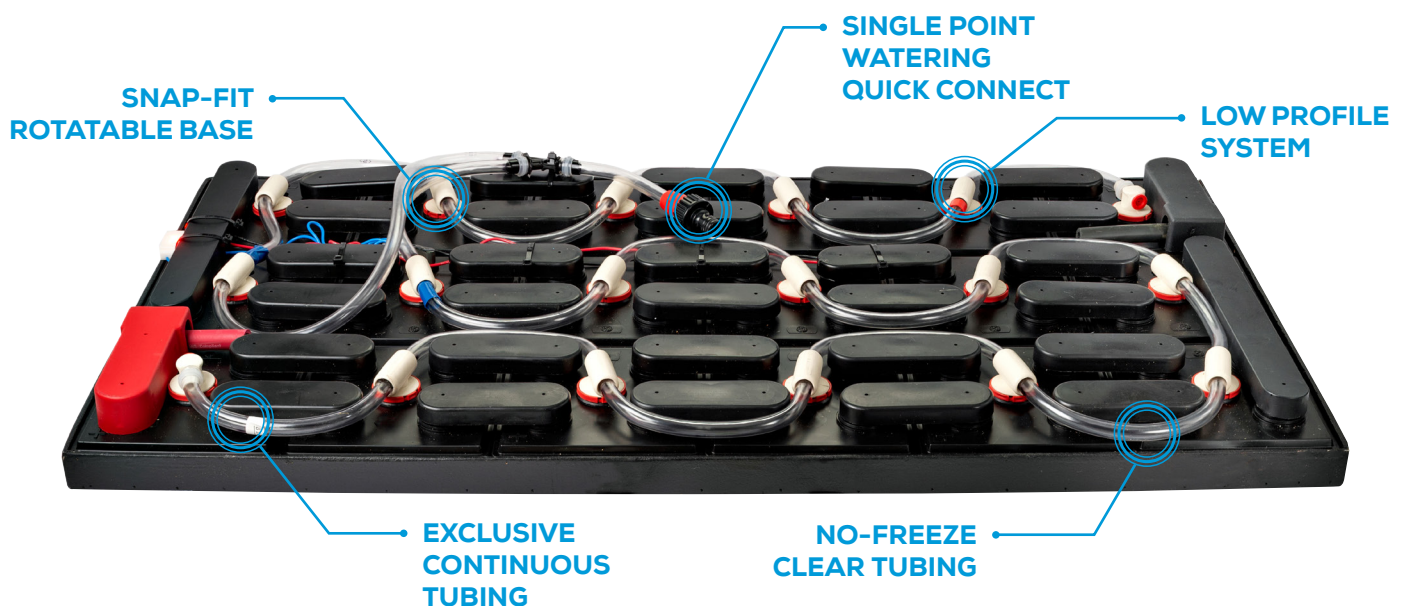


SPEED AND PRECISION IN ANY ENVIRONMENT

Each Injector has its own precision level-sensing valve enclosed in a protective housing. When the electrolyte level rises to the tip of the Injector, the valve shuts off instantly. There are no floats or delicate exposed parts to stick or break, so the Injectors are unaffected by oil and tar in the cells and can function in extreme cold or hot, dry and abusive conditions.

The system also improves safety and environmental cleanliness. There is no need to peer into cells to inspect levels as with manual filling. And water Injectors automatically fill each cell to the correct level, so there is no overfilling and no electrolyte spillage during charging. The Water Injector System is exceptionally durable. Designed for harsh industrial environments, it is unaffected by abuse that would destroy most other systems, and continues to work dependably for the life of the battery. With the introduction of the Flame Arrestor the system now covers the major applications in the industries.

In the long run, the Philadelphia Scientific Water Injector System has the best financial ROI of any available filling system in the industry.



FEATURES & BENEFITS

Fast operation:

- An average 18-cell industrial truck battery can be filled in 15 seconds or less.

Easy installation:

- Flexible tubing and the snap-fit base make installation fast and easy.

Precise filling:

- A precision level-sensing valve shuts off instantly when electrolyte levels rise to the Injector tip.

Safe:

- Prevents direct contact with electrolyte during battery filling, prevents overfilling and is now flame arrested.

Compact:

- Low profile allows Injectors to fit on any industrial battery and minimizes damage from battery cables. Injectors can snap in and out to allow inspection of electrolyte levels and specific gravities.

Heat resistant:

- System will survive high battery temperatures without failing.

No-freeze tubing:

- Tubing drains surplus water into cells after filling, so the system can be used in cold storage environments.

2-stage filtration:

- In addition to the filter screen in the input coupling, each Injector has its own individual filter.

Proven reliability:

- Patented pressure-activated technology makes the Water Injector System the world's most dependable single point watering system.

Exclusive no-clamp tubing:

- The tubing goes straight through the Injectors and are sealed with unique twin O-rings.

5-year warranty

- Injectors are made of high quality engineered plastic that provides maximum chemical resistance and long-lasting durability. There are no exposed parts to break off even when an Injector is removed from a cell.

HIGH POWER, HIGH PERFORMANCE

WATER SUPPLIES

Bring the water to your battery with our range of battery watering carts. Paired with the Gun-X™, these cordless watering carts make filling batteries even more convenient.

**HYDROCART MAX WATERING CART**

This high performance 20 gallon (75.7 liter) polypropylene tank easily transports water to your batteries. Fill the tank from any available water source. The HydroCart Max handles like a hand truck and is AC powered.

When the switch is turned on, the pump is activated. Simply connect to the Water Injector System and activate the Instant Valve Pro™.

A flow indicator will tell you when all of the Injector valves have shut off and it is time to disconnect.

**HYDROCART MINI WATERING CART**

This sturdy 10 gallon (37.9 liter) high density polyethylene tank combines transportability with value. Designed with small to mid-size applications in mind this smaller version of our HydroCart is the ultimate in convenience.

Simply connect to the Water Injector System and activate the Instant Valve Pro. A flow indicator will tell you when all of the Injector valves have shut off and it is time to disconnect.

The compact size of the HydroCart Mini is ideally suited to be taken on and off service vans as part of a battery maintenance program.



FEATURES

- ✓ FLAME ARRESTED DESIGN
- ✓ SIMPLE & ROBUST
- ✓ PRECISE & FAST FILLING

BENEFITS

- ✓ SAFE OPERATION
- ✓ CONSISTENT WATERING
- ✓ EASE OF INSTALLATION
- ✓ SAVES TIME AND MONEY
- ✓ COMPLIES WITH CAL OSHA STATUTE T8-5185(n)

SPECIFICATION		NOTES
Acceptable Filling Temperature	35° to 160°F (2° to 71°C)	
Input / Operating Pressure	< 80psi	
Valve Body Material	Polypropylene & Polyethylene	
Valve Housing Material	Polypropylene	
Tubing Material	PVC	
Weight		
12-cell Kit	1.35lbs	
18-cell Kit	2.25lbs	
24-cell Kit	2.96lbs	
Max Valve Height above Vent	1.45"	(2.2" extension into vent well)
Shut-off	Automatic Shut-off	



FOR PRODUCT FURTHER INFORMATION PLEASE VISIT:

<https://www.phlsci.com/product-lines/water-injector-systems/flame-arrested-water-injector-classic-system/>

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