

PRO-FILL™

ON-BOARD BATTERY WATERING SYSTEM

by **FLOW-RITE**

EXPLOSION
GAS
CAN CAUSE
ON IN

FLOW-RITE CONTROLS

DANGER / POISON
NO
- SPARKS
- FLAMES
- SMOKING

SULFURIC ACID
CAN CAUSE
BLINDNESS OR
SEVERE BURNS

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**Made in
USA**



PRO-FILL™

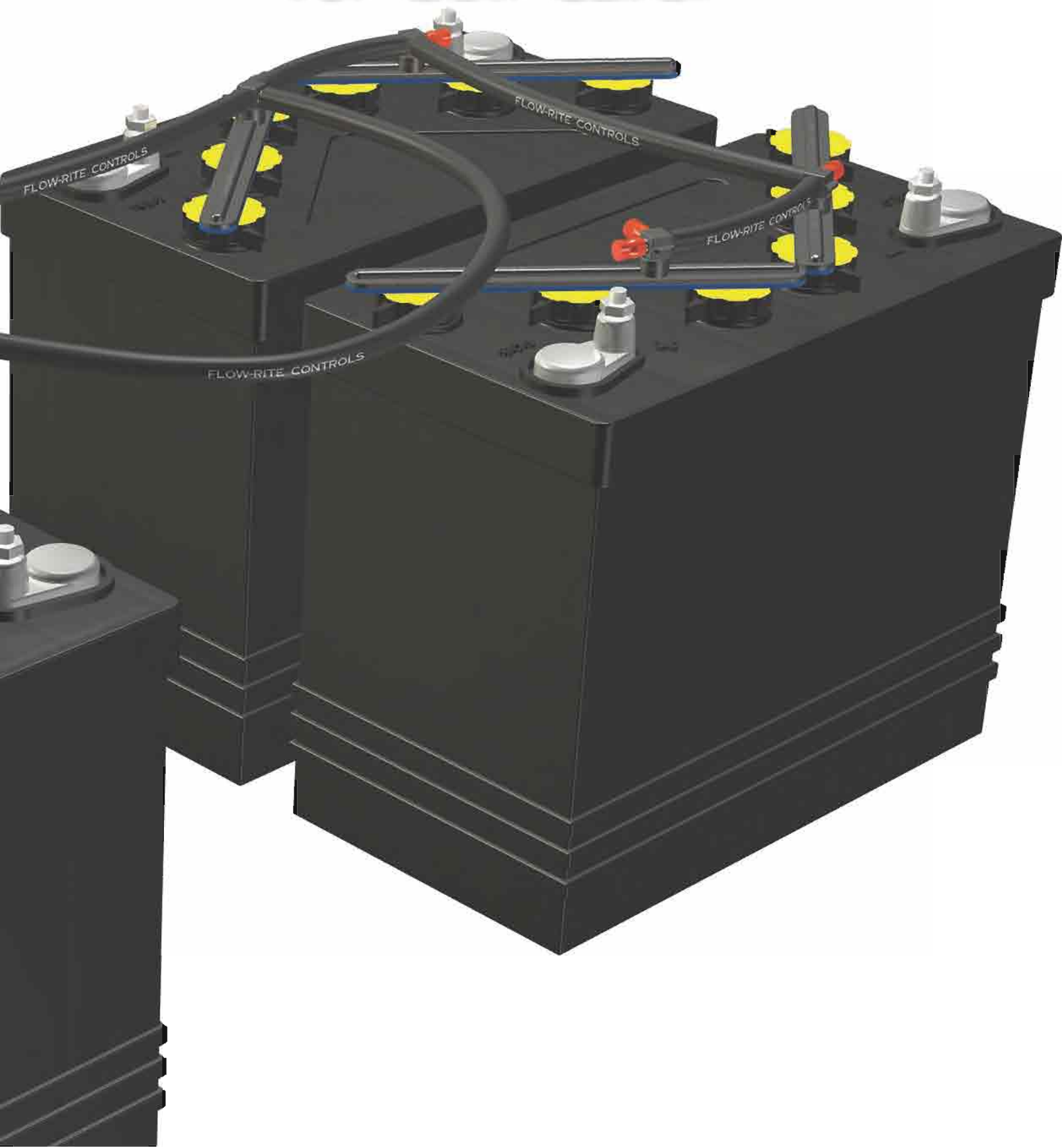
ON-BOARD BATTERY WATERING SYSTEM

by FLOWRITE

"It's a much safer, efficient
and easier way to fill batteries"
Larry Moore - President
US Golf Car, Inc.



The Only Watering System Designed Specifically for Golf Cars!



What is a Pro-Fill Battery Watering System?

The Pro-Fill Watering System is a new vehicle accessory that makes the difficult task of watering Golf Car and Utility Vehicle batteries elementary. The system consists of automatic shut-off valves mounted in each battery cell and interconnected with tubing. The valves replace standard vent caps. A quick coupling allows the end of the tubing to be connected to a water supply. When connected, water flows into each cell until the correct level has been reached. A flow indicator shows the operator when all the cells have been topped. The entire filling process takes just 30 seconds or less per vehicle. Pro-Fill users enjoy many benefits including the following:



Cost Savings

Calculate your cost savings using the Cost Justification Worksheet on the back.



Safety

Fill batteries without opening the vent ports. Avoid battery acid burns, ruined clothing and noxious fumes. Each Pro-Fill valve includes a built in flame arrestor to prevent spark ignition of flammable battery cell gasses.



Extend Battery Life & Performance

A properly watered battery lasts longer and performs better. Repeated charging with low electrolyte level will result in permanent loss of battery capacity and life expectancy.



Time saving convenience

Snap on/snap off water connections and fast filling turn the often ignored task of maintaining electrolyte level into a simple, enjoyable task--one more likely to get done on a regular basis.

Available Water Supplies



The Pro-Fill Advantage!

Patented Manifold (A)

The rigid manifold allows you to install 3 or 4 valves at a time. Each valve is oriented on the manifold at the factory for the Quickest, Easiest installation!



Protective Shroud (B)

The protective shroud ensures that all components are protected inside of the battery as well as out.

Winged Valves (C)

Our latest development provides a way to install your Pro-Fill system without the use of tools, while also providing a visual indication that all valves are properly installed.

Flame Arrestor

The built in flame arrestor will prevent any external flame or spark from entering the battery through the valve's de-gas chamber, causing an explosion.



Internal Water Lock

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

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

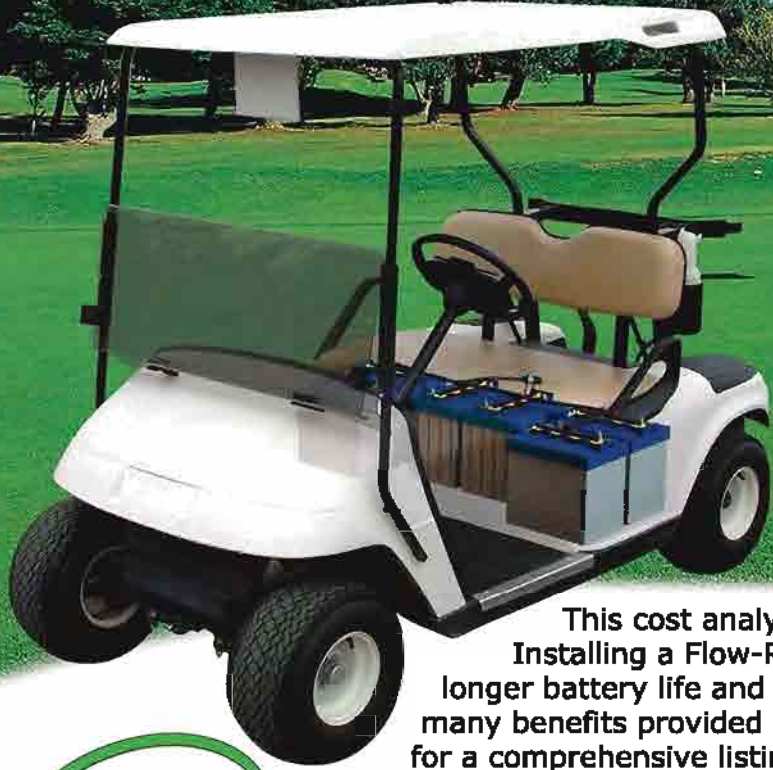
The patented 3 Port Swivel rotates a full 360 degrees, making tube routing more versatile. Combined with our clampless tubing, you'll find the quickest and easiest installation ever.

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

The Pro-Fill system carries a full five year limited warranty on all components (excluding water supplies). All Valves are date stamped to ensure quality.



Here at Flow-Rite Controls, "Made in the USA" is not just some logo. We take great pride that 100% of our Pro-Fill system is produced in house from the ground up, by an ISO-9001 company!



**"It saves us time,
and time means money"**

*John Celestino - PGA Professional
Cascade Hills Country Club*

COST JUSTIFICATION

This cost analysis is typical for properly maintained golf car batteries. Installing a Flow-Rite system will produce even greater savings through longer battery life and improved battery capacity. Cost savings is just one of many benefits provided by the Pro-Fill Battery Watering System. See page 2 for a comprehensive listing of the features and benefits.



Number of cars in fleet = _____ (50 used in sample below)

Hourly Labor Rate = _____ (\$8.00 used in sample below)

Cost for one car:

Manual Watering Cost

Flow-Rite Watering Cost

A. Weekly watering time, minutes	25.0	1.0
B. Labor Cost per Watering (_____ min./60 x _____ \$/hour)	\$3.33	\$0.13
C. 52 Weeks per Year (line B x 52)	\$173.16	\$6.93
D. Annual Cleaning of Batteries	\$6.00	\$0.00
E. Subtotal	\$179.16	\$6.93
F. List Price of Flow-Rite System		\$175.00
G. Five Year Cost Comparison for ONE Car	\$895.80	\$209.65
H. Cost Savings for Typical Fleet of 50 Cars = 50 x (\$895.80 - 209.65) = 34,307.50 Five Year Fleet Savings!		



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