

# DirectFill

(Part Number INJ-DF)

Direct Fill Assembly

for Philadelphia Scientific® Water Injector Systems™



Storage Battery Systems LLC  
N56 W16665 Ridgewood Drive  
Menomonee Falls, WI 53051

[www.sbsbattery.com](http://www.sbsbattery.com)

800-554-2243

[sbs@sbsbattery.com](mailto:sbs@sbsbattery.com)

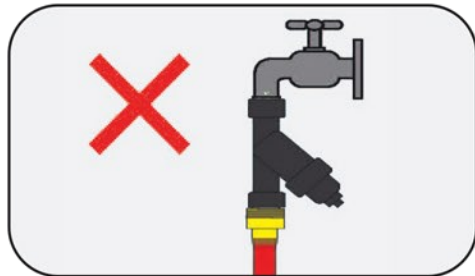
PAK063  
Rev 3/2016



Philadelphia Scientific®  
industrial battery innovation

## Installation:

The Philadelphia Scientific Water Injector System requires a water flow of approximately 8-10 gallons per minute at 25-35 psi or more. This can be qualified with a Flow Checker (INJ-FC). If your water supply does not meet these requirements, you will need to purchase an alternative to the Direct Fill.



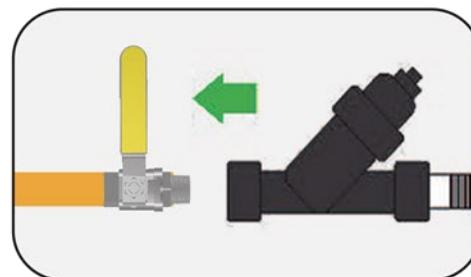
Do not fill the Direct Fill directly from a faucet.



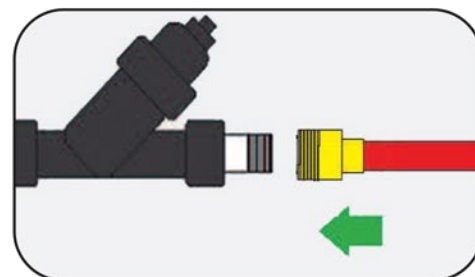
The static water pressure may not exceed 80 PSI (25 bar).



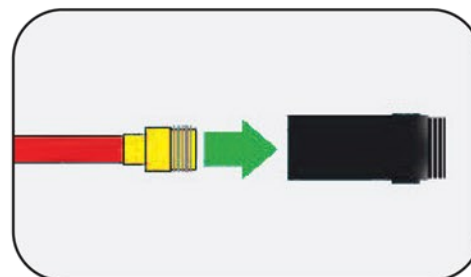
A Ball Valve with a 3/4" NPT male threaded fitting must be plumbed in to a pressurized water line ( $\geq 3/4$ " or more in diameter).



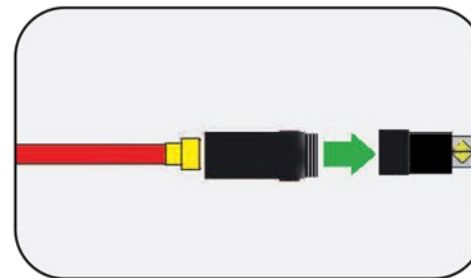
Attach the black sediment filter to the outlet of the Ball Valve.



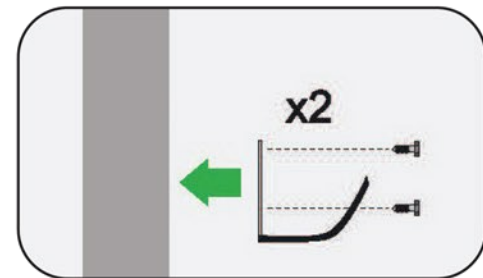
Attach the red hose to the white male end of the sediment filter. Do not use more than 20 ft. of hose



Attach the Pressure Regulator to the end of the red hose.

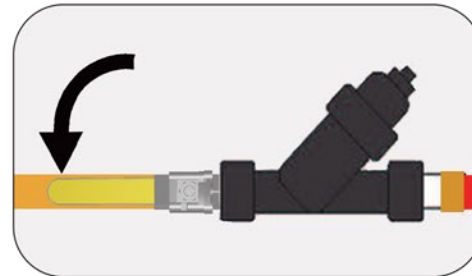


Attach the Instant Valve Pro™ to the end of the Pressure Regulator

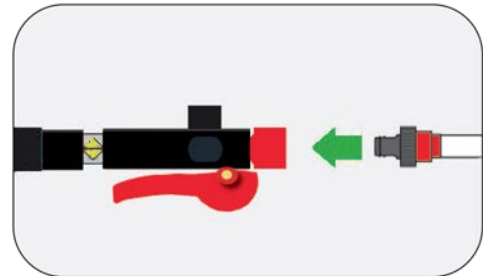


Mount included brackets on the wall.

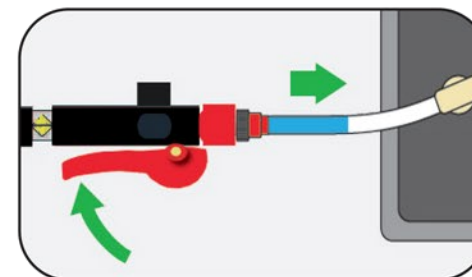
## Operation:



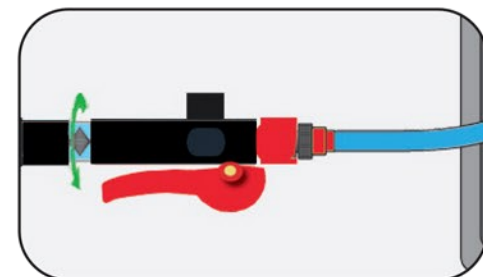
Turn water source on at the ball valve.



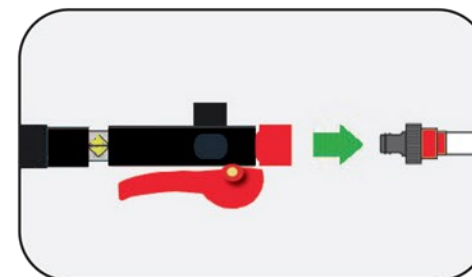
Connect the Instant Valve Pro™ to the Input Assembly of the Water Injector System™ installed on the battery.



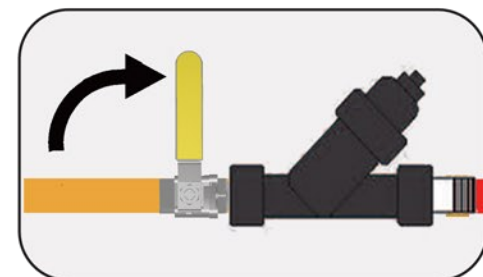
Squeeze the lever completely to fill the battery. **Do Not Partially Squeeze the Lever.**



Watch the spinner mounted on the Instant Valve Pro. When it stops spinning, the filling is completed.



Release the lever and then disconnect the Instant Valve Pro from the Water Injector System.



Move on to the next battery. When finished watering batteries, turn the water off at the ball valve.