



# Why Red Jacket?

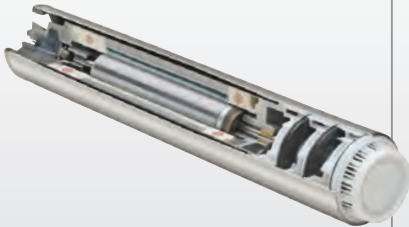
## Distributor Benefits

“I need to provide my customers with a reliable STP that delivers high flow rates for a low cost.”

Red Jacket delivers faster, more reliable fuel flow for the lowest cost of ownership.

### Problem Solved.

### Introducing the industry's most advanced motor



Reliability. Safety. Interchangeability. The STP motor is the heart of a service station, controlling the flow of fuel through every pipe, to every dispenser and to every nozzle. Red Jacket's new, improved motor delivers higher efficiency, fuel flow, and lower power consumption, allowing Red Jacket to continue to offer you and your customers the most advanced STPs.



## Red Jacket is the world's leader in submersible pressure technology.

Red Jacket's unsurpassed expertise helps your customers optimize fuel flow. Part of the industry's leading Veeder-Root suite of products, Red Jacket's family of Submersible Turbine Pumps (STPs) and Pump Controllers ensure that your customers can pump fuel quickly, efficiently and safely — whether it's motor fuel, diesel, aviation gasoline, ethanol/methanol or kerosene — in aboveground or underground storage tanks. As a Veeder-Root flagship product line, Red Jacket is backed by over 130 years in STP technology, 500,000 installations and the largest network of authorized service contractors worldwide.

Red Jacket delivers higher fuel flow, higher reliability, lower power consumption and better safety with the industry's most advanced motor.

**This means faster fueling, less station downtime and lower energy bills for your customers.**

Provide your customers the industry's most advanced motor:

- **Up to 5% increased flow** — improved stator and receptacle housing design provides more room for fuel flow
- **8% less power consumption** — more efficient motor design results in 8% reduction in wattage
- **Improved reliability** — zero clearance upper bearing housing (vs. slip fit), 33% increase in thrust bearing surface area and 20% higher insulation temperature rating yield longer motor life
- **Increased safety** — Red Jacket's motor will reach a maximum temperature of 275 F versus alternative STP motors that reach 500 F. Electrical connectors are separated 90-degrees apart to meet more stringent flame proof standards
- **Better quality** — Red Jacket's new motor manufacturing yields improved quality, which means more station uptime than other STPs on the market
- **Compatible with all Red Jacket and competitive 4" STPs on the market** — Fewer parts to stock

Optimize Flow. Maximize Profits.



“My customers rely on me to provide reliable solutions that save them money.”

Red Jacket fixed speed technology delivers more reliable fuel flow for less money than variable speed technology.

### Problem Solved.

Red Jacket fixed speed technology is more reliable and has a lower total cost of ownership than variable speed technology.

**This means more satisfied customers and more competitive bids for you.**

Provide your customers the most reliable and cost effective solution:

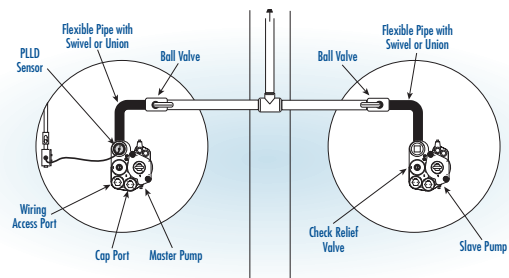
- **Lower equipment purchase cost** = \$200 savings per STP
- **Lower installation cost** = \$100 savings per STP  
Variable speed causes electrical interference with ATG, POS, cameras and intercoms, requiring shielded cable to reduce
- **Lower maintenance cost** = Up to \$3,000 savings per STP  
Average life expectancy of a variable speed controller is 7 years (1/3 the life of fixed speed)  
Average replacement cost is \$1,000 more per controller than fixed speed
- **Lower electrical consumption** = Up to \$100 ANNUAL savings per site  
Variable speed controllers consume more power during operation and when pumps are idle

## Did you know? For higher flow needs, 2+2>4

Two Red Jacket 2 horsepower fixed speed STPs provide more flow AND seamless backup vs. a single 4 horsepower variable speed STP.

4HP variable speed technology not only costs 50% more in energy consumption to operate below 60 GPM, it also cannot sufficiently support site flow needs above 120 GPM.

Instead, Red Jacket recommends manifolding 2-2HP fixed speed Red Jacket STPs together. This option saves energy even when both pumps are running and does not require 3 phase power. It also provides seamless back-up in case one pump goes down, and supports up to 180GPM. That's over 50% more flow than 4HP variable speed.



Manifolded systems provide higher flow rates and improved uptime.

## Did you know?

You don't need to be concerned with hydraulic shock in your customer's fueling system when using fixed speed STP technology.

Hydraulic shock is a result of the speed at which fuel is flowing and how quickly the flow is stopped. Prior to flow control features existing on the dispenser, STP variable speed technology was used to reduce flow to 10 GPM at the nozzle to meet compliance standards and reduce hydraulic shock. Because today's dispensers come equipped with flow control features, which limit flow to 10 GPM automatically, "dialing back" the STP to limit flow to 10 GPM per nozzle to reduce hydraulic shock is no longer necessary. Red Jacket fixed speed technology is a much less expensive and more reliable technology that provides the flow your customers need without any additional risk of hydraulic shock.

To learn more, contact us at 888.561.7942, or visit [www.redjacket.com](http://www.redjacket.com)

