

Red Jacket 2HP Fixed Speed Submersible Pump



A better approach to high volume pumping

For over 40 years, the name Red Jacket has become synonymous in the petroleum industry for high quality and high performance. The current range of Red Jacket submersible pumps provides a complete solution for all flow requirements, whether for low or high volume fuelling applications.

High volume fuelling

High volume fuelling applications pose special requirements for improved flow rates. These applications need faster fuelling cycles and more customer turns in order to maximise return on the significant fuel system investment.

Submersible Pump upgrades

Upgrading the motor size (HP rating) of submersible pumps can have a substantial benefit for high volume fuelling applications. A simple upgrade from a 1.5HP to a 2HP pump can increase flow by up to 25%.

Fixed speed motor technology

Fixed speed motor technology pumps fuel at the same flow rate whenever the submersible pump is in use. All dispensers need to regulate flow at the fuelling point, which with fixed speed submersible pumps is achieved through using a flow limiter in the dispenser.

In contrast, variable speed pumps control flow by measuring demand and controlling motor speed to provide flow rates equal to this demand. Variable speed pumps use additional electronics to monitor and manage this demand.

Why fixed speed ?

Fixed speed pumps are the default choice for retail fueling systems. Fixed speed has a number of advantages over variable speed motor solutions. It is a technology with a history of reliable performance and system uptime. Fixed speed has a lower initial investment cost, around 25% (at list price) less than a variable speed motor solution.

In addition, installation is quicker and easier to manage, ongoing maintenance and service costs such as power consumption are lower, all of which leads to a lower total cost of ownership.

The Red Jacket 2HP fixed speed submersible pump provides a simple, effective and low cost solution for maximum throughput at high volume sites.

Contact your Gilbarco Veeder-Root dealer for more details.

Specifications

- Agency Listing
UL
CUL
ATEX
- Quick-Set Adjustment Range:
From: 1975mm (77.5 inches)
To: 2745mm (230.5 inches)
Distance from top of lifting screw to inlet.
- Siphon Ports:
2 available, 1/4" NPT. Vacuums generated up to 25 in Hg.
- Fuel Compatibility:
Diesel
100% Gasoline
80% Gasoline with 20% TAME, ETBE, or MTBE
0-100% Ethanol
0-100% Methanol
- Maximum Flow Rate:
330 LPM @ 0.7 Bar (10 PSI)

