

**Ideal for  
long distances.**



**Very High Flow.**

## Red Jacket • Red Jacket Maxxum Big Flow

### Submersible Turbine Fuel Pumps

Red Jacket e Red Jacket Maxxum are submersible turbine pumps used in pressure fueling systems where the pump is installed inside the fuel tank

These submersible pumps are the ideal equipment supply lines use with long distance between the fuel tank and the fueling point in facilities with high heads (high ground level difference and/or long distance) and for applications requiring high flow.

Red Jacket and Red Jacket Maxxum provide a higher flow and therefore more performance reliability, alongside a minor acquisition and maintenance cost.

## Main Features and Benefits

The Red Jacket Submersible Pump and its Red Jacket Maxxum version, offer several benefits for your business.

Red Jacket is a Submersible Turbine Pump with fixed velocity, optimizing the fuel delivery at the service station.

The number of lines (pipes) necessary for the submersible pump is smaller compared to suction pumps, what results in simpler installation and consequently lower investment need for both installation and maintenance.

The Red Jacket installation also saves time and money, since it is easy to install, saves power consumption and has low maintenance rate over its service life.

Another benefit is that the submersible pump offers a substantial increase in the distance between the tank and the fueling point, providing greater flexibility for the establishment layout.

The Red Jacket Submersible Turbine Pump is available on the following horsepower:  $\frac{3}{4}$  HP, 1  $\frac{1}{2}$  HP e 2 HP; and also possesses an adjustable length tube, which guarantees even more flexibility to your business.

Red Jacket Submersible Pump offers the best commercial solution for service stations: its high flow rate ensures fast vehicles filling, enabling efficient service to customers.

The Red Jacket Maxxum, with a 3 or 5 HP motor, it's specifically engineered for high throughput applications such as truck stops, carriers, factories, marines and other establishments where high demand, multiple fuel points and long piping runs are the key to a rapid and efficient operation. It boosts the industry's leading service ability and safety features, since it provides the highest flow than any other 6" pump available in the market.

### $\frac{3}{4}$ HP, 1 $\frac{1}{2}$ HP and 2 HP RED JACKET

- > Superior project and design, which guarantee high flow, less energy consumption, more safety and reliability.
- > Advanced pump collector that allows automatic fuel drain, rapid and secure electric connection and less elevation force, enhancing local and environmental safety.
- > Check valve and collectors projected in order to assure more an easier way to make tests and maintenance of the supply line.
- > Design available for 100% ethanol or methanol concentrations.

#### Specifications:

- > **Nominal Flow:** 150 lpm to 300 lpm
- > **Available Horsepower:**
  - $\frac{3}{4}$  HP, 60 Hz, 1 phase
  - 1  $\frac{1}{2}$  HP, 60 Hz, 1 phase
  - 2 HP, 60 Hz, 1 phase
- > **Certifications:** UL, cUL, ATEX En15268
- > **Projected for hazardous areas:** Class 1, Group D Atmospheres
- > **Tube Length - Available adjustment ranges:**
  - RJ 1 = 74.5" - 105" (admits 1  $\frac{1}{2}$  HP)
  - RJ 2 = 104.4" - 165"
  - RJ 3 = 164" - 225"
- > **Siphon-Port:** 2 available,  $\frac{1}{4}$ " NPT, vacuum generated up to 25" de Hg
- > **Fuel Compatibility:**
  - Diesel
  - 100% Gasoline
  - 80% Gasoline with 20% of TAME, ETBE or MTBE
  - 0-100% Ethanol
  - 0-100% Methanol
- > **Line Pressure Port:** 1 available,  $\frac{1}{4}$ " NPT
- > **Vent Port:** 1 available,  $\frac{1}{4}$ " NPT

### 3 HP and 5 HP RED JACKET

- > Delivers over 20% more flow than alternative high capacity pumps.
- > Compatible with Veeder-Root for leak detection in pressurized line (PLLD), steam recovery pump and transducer port for electric line leak detection.
- > Safe and easy disconnection through the electrical connector alongside the pump wiring termination at the conduit box.
- > Fast pump head removal and easy accessibility to the check valve.

#### Specifications:

- > **Nominal Flow:** 600 lpm to 1,000 lpm
- > **Available Horsepower:**
  - 3 HP, 60 Hz, 230 V, 3 phases
  - 5 HP, 60 Hz, 230 V, 3 phases
  - 5 HP, 60 Hz, 575 V, 3 phases
- > **Certifications:** cUL, ATEX, ANZEX
- > **Expansion Relief/Static Pressure Range:** Adjustable from 0-40 PSI
- > **Siphon-Port:** 1 available,  $\frac{1}{4}$ " NPT, vacuum generated up to 25" de Hg
- > **Fuel Compatibility:**
  - 100% Diesel
  - Gasoline with up to 20% Methanol, Ethanol MTBE, ETBE or TAME
- > **Line Pressure Port:** 1 available,  $\frac{1}{4}$ " NPT
- > **Vent Port:** 2 available,  $\frac{1}{4}$ " NPT
- > **Porta para transdutor:** 1 available, 2" NPT

Gilbarco Veeder-Root reserves the right to change one or more specifications of its fuel pumps with no prior notice whenever improvements are made. Be sure to check the current product specification at the time of purchase.

The success of your business must be supported by solutions and technology at your fingertips. You need a partner. Someone who listens to you. Someone who can meet your needs, your customers' needs, and your financial needs. We have all the products and services you are looking for. Count on us to help you and provide any further information.

