

# Fuel Compatible - Now and Future Ready

As biofuels, vehicle technology and ethanol infrastructures expand, Red Jacket fueling systems are there to meet your needs.



## The Importance of Being Fuel Compatible

If your fueling system is used with incompatible fuel types, infrastructure degradation and corrosion could result. Therefore, as fuels containing higher amounts of ethanol (such as E15 and E85) are added to fueling sites, it is important in the design phase of new sites and during upgrades to existing sites to consider Submersible Turbine Pumps (STPs) that are compatible with renewable fuels, as well as fuels focused on improved emissions and fuel economy. The Red Jacket STP portfolio offers solutions tailored for both traditional and renewable fuels and provides protection against corrosive environments.

### The Red Jacket STP

The Red Jacket STP solution optimizes fuel flow and dispensing. It is the foundation model that sets the standard for high throughput, high reliability fueling applications.



- 100% Diesel or Gasoline
- Ethanol and Methanol concentrations up to 15%
- MTBE, ETBE, or TAME concentrations up to 20%

### Protection Level



### The Red Jacket Alcohol Gas (AG) STP \*

The Red Jacket AG STP has an additional 30% increase in stainless steel hardware from The Red Jacket STP. It has all the advantages of the Red Jacket Submersible Turbine Pump design, but was constructed with stainless steel on all parts exposed to the fuel path.



- Methanol and Biodiesel concentrations up to 100%
- Ethanol concentrations up to 90%
- Jet Fuel and AVGAS
- Kerosene and Fuel Oil

*\* This AG STP also supports the Red Jacket STP fuel types*



### The Red Armor® STP \*\*

The Red Armor STP has an additional 30% increase in stainless steel hardware from The Red Jacket AG STP. It has all the advantages of the Red Jacket Submersible Turbine Pump design, but was constructed specifically to withstand corrosive environments.



- Microbial Growth in Tank (Ultra-Low Sulfur Diesel)
- Constant Moisture Presence or Water Ingress into Sump
- Known Corrosive Environment

*\*\* This Red Armor STP supports all fuel types above*

