

# CoreDEF™ Submersible Turbine Pump (STP) for Diesel Exhaust Fluid

## Why the Red Jacket CoreDEF STP for Diesel Exhaust Fluid?

CoreDEF is an entirely customizable Diesel Exhaust Fluid (DEF) delivery system. Designed for a complete range of light-to heavy-duty submersible DEF applications, CoreDEF Submersible Turbine Pumps are an innovative solution that sets a new standard in the optimization of DEF pumping infrastructure.

## ► Model Portfolio for Varying Applications

The CoreDEF Series Portfolio contains the perfect power setting for your site.

Model selection is made easy using the guide below:



### Medium to Heavy Throughput Location



#### 2 HP Submersible Application (Model Number - DP200):

- Fits sites with 3 – 7 fueling points
- Available in Single- or Three-Phase options

### Light Throughput Location



#### ¾ HP Submersible Application (Model Number - DP75):

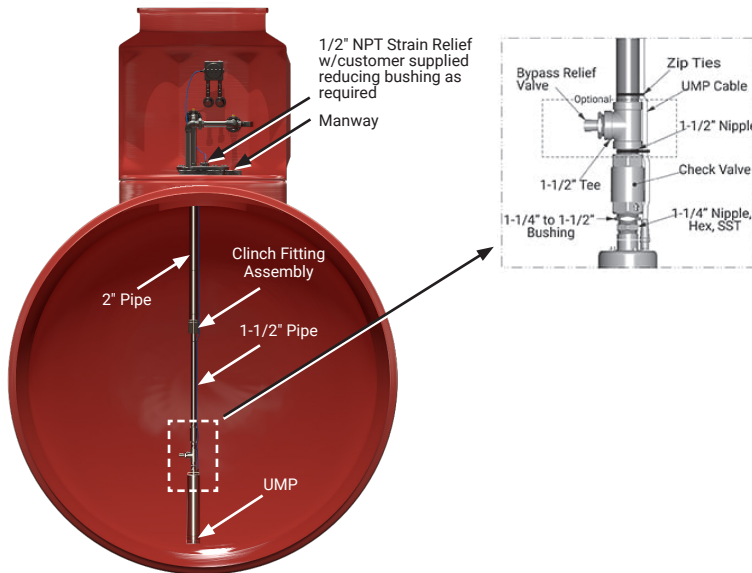
- Fits sites with 1 – 2 fueling points
- Available in Single-Phase

## ► KEY FEATURES

- The submersible pump and supplied components satisfy the ISO 22241 standard for DEF quality.
- Durable stainless-steel construction for longevity and DEF compatibility.
- Pressure relief valve allows for continuous running and protects motor when nozzles are idle with adjustable pressure relief option available.
- Portfolio of motors available to meet global power or demand requirements for both Single- and Three-Phase.
- Same field proven Quick Set® design as The Red Jacket portfolio.

## ► FIXED LINE PRESSURE RELIEF OPTION

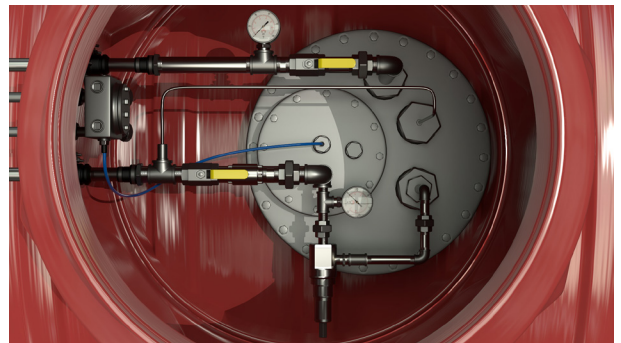
Easy out-of-box installation to protect your fueling system from excessive pressure.



## ► ADJUSTABLE LINE PRESSURE RELIEF OPTION

Enables the user to adjust line pressure between 20-45 PSI, making for painless post-installation flow rate tuning.

- Optimize operation with any dispenser.
- Avoid excessive nozzle squeeze.
- Prevent nozzle spit back.



## ► FACTORY LEAK-TESTED

**Diesel Exhaust Fluid is extremely hard to contain and even harder to clean-up.**

- CoreDEF STPs are factory leak-tested to prevent any possibility of leaks in the field.
- Using a competitive pump may allow leaks and crystallization, seriously complicating serviceability.

## ► COMBAT CORROSION



CoreDEF™ STP on the left. Competitive DEF STP on the right.

## ► Extreme Demand?

CoreDEF STPs can easily be manifolded together to double throughput and meet high demand requirements.