

# The Red Jacket® 2 HP to 4 HP STP Upgrade

Meeting Your High Flow Demand with Fixed Speed Reliability

## Focusing on Reliability, Throughput, & Energy Efficiency

Red Jacket's unsurpassed expertise helps your customers optimize fuel flow, focusing on reliability, high throughput, and decreased energy consumption. The Red Jacket 4 HP Submersible Turbine Pump (STP) ensures that your customers have the most optimal system to pump fuel quickly, efficiently, and safely – whether it's motor fuel, diesel, aviation gasoline, ethanol/methanol, or kerosene – in aboveground or underground storage tanks.

## Field Retrofit Components

In order to retrofit a Red Jacket 2 HP fixed speed pump to a Red Jacket 4 HP fixed speed pump, you will need the following retrofit components.

4 HP Control Box		
Part Number	Description	Quantity
0410648-001	Magnetic Starter 115VAC Coil, 3-Phase	1
0410649-012	Overload Heater (3 required per Magnetic Starter)	3

4 HP UMP		
Part Number	Model Number	Quantity
0411007-001	UMP400U4-3	1

## Upgrade Process

The following steps highlight the upgrade process at a high level.

1. Upgrade site to 3-phase power.
2. Additional conductor to sump needs 4 wires going into the manifold.
3. Swap out Control Box to Magnetic Starter Box and install Heaters.
4. Install 4 HP UMP, reset adjustable length on column pipe.

Please refer to [The Red Jacket Submersible Turbine Pump 4 HP Conversion Kit Installation & Parts Lists \(577014-487\)](#) for complete conversion installation instructions. For complete installation instructions, reference [The Red Jacket STP Installation, Service, & Parts Lists \(577013-830\)](#) that ships with the UMP and is available on [veeder.com](http://veeder.com).



Magnetic Starter Box  
0410648-001



Heaters  
0410649-012

The Red Jacket 4 HP STP  
0411007-001