



The Red Jacket Submersible Turbine Pump

The cornerstone of your fueling infrastructure. The Red Jacket series submersible turbine pump is the foundation model that sets the standard for high throughput, high reliability fueling applications.

Specifications:

Fuel Compatibility

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

Designed for Hazardous Locations

- Class 1, Group D atmospheres

Fits installations from 3 ½ to 19' in depth

4 Motor Sizes Available:

- ¾ HP, 60 Hz, 1 – phase
- 1 ½ HP, 60 Hz, 1 – phase
- X3 1 ½ HP, 60 Hz, 1 – phase, high pressure
- 2 HP, 60 Hz, 1 – phase

All models available with floating suction adapter

Automatic electrical disconnect plus fuel drain to assist in safe servicing

Key Features:

- Industry's newest motor design
- Track record of unsurpassed reliability
- Designed to maximize safety and ease installation

Siphon Ports:

- 2 available, ¼" NPT
- Vacuums generated up to 25 in Hg.

Compatible with check valve housing models:

- Standard VR ready check valve for PLLD (410152-001)
- High pressure check valve for high pressure applications (410152-002)

Line Pressure Port: 1 Available, ¼" NPT

Vent Port: 1 Available, ¼"NPT

UL Listings:

- 100% Diesel
- 100% Gasoline
- Gasoline and up to: 10% Ethanol, 15% Methanol, 20% MTBE, 20% ETBE, 20% TAME

Other Agency Listings: cUL

Optional stainless steel trapper intake screen blocks corroded tank debris from clogging dispenser filters



Quick Set Final Assemblies (Adjustable)

Horsepower	KW	Length	Floating Suction Adapter	Model Number	Part Number
0.75	0.56	72" - 102"		P75U1 RJ1	410140-001
0.75	0.56	102" - 162"		P75U1 RJ2	410140-002
0.75	0.56	162" - 222"		P75U1 RJ3	410140-003
0.75	0.56	74.3" - 104.3" *	•	P75U1 RJ1 FSA	410140-004
0.75	0.56	104.3" - 164.3" *	•	P75U1 RJ2 FSA	410140-005
0.75	0.56	164.3" - 224.3" *	•	P75U1 RJ3 FSA	410140-006
1.5	1.13	74.5" - 105"		P150U1 RJ1	410141-001
1.5	1.13	104.5" - 165"		P150U1 RJ2	410141-002
1.5	1.13	164.5" - 225"		P150U1 RJ3	410141-003
1.5	1.13	76.8" - 107.3"	•	P150U1 RJ1 FSA	410141-004
1.5	1.13	106.8" - 167.3"	•	P150U1 RJ2 FSA	410141-005
1.5	1.13	166.8" - 227.3"	•	P150U1 RJ3 FSA	410141-006
1.5	1.13	75.5" - 105.5"		X3P150U1 RJ1	410143-001
1.5	1.13	105.5" - 165.5"		X3P150U1 RJ2	410143-002
1.5	1.13	165.5" - 225.5"		X3P150U1 RJ3	410143-003
1.5	1.13	77.8" - 107.8"	•	X3P150U1 RJ1 FSA	410143-004
1.5	1.13	107.8" - 167.8"	•	X3P150U1 RJ2 FSA	410143-005
1.5	1.13	167.8" - 227.8"	•	X3P150U1 RJ3 FSA	410143-006
2	1.5	78.5" - 108.5"		P200U1-3 RJ1	410142-001
2	1.5	108.5" - 168.5"		P200U2-3 RJ1	410142-002
2	1.5	168.5" - 228.5"		P200U3-3 RJ1	410142-003
2	1.5	80.8" - 110.8"	•	P200U1-3 RJ1 FSA	410142-004
2	1.5	110.8" - 170.8"	•	P200U1-3 RJ2 FSA	410142-005
2	1.5	170.8" - 230.8"	•	P200U1-3 RJ3 FSA	410142-006

Fixed-Speed, single phase STP assemblies. Length measured from the top of the eyebolt to the bottom of the motor inlet. All 208/230 Volts.

Fixed Length Final Assemblies (Non-Adjustable)

Horsepower	KW	Length	Floating Suction Adapter	Model Number	Part Number
0.75	0.56	42" - 132"		P75U1 RJ	410166-001
0.75	0.56	133" - 168"		P75U2 RJ	410166-002
0.75	0.56	169" - 222"		P75U3 RJ	410166-003
0.75	0.56	44.3" - 134.3"	•	P75U1 RJ FSA	410166-019
0.75	0.56	135.3" - 168.2"	•	P75U1 RJ FSA	410166-020
0.75	0.56	171.3" - 224.3"	•	P75U1 RJ FSA	410166-021
1.5	1.13	45" - 135"		P150U1 RJ	410173-001
1.5	1.13	136" - 171"		P150U1 RJ	410173-002
1.5	1.13	172" - 225"		P150U1 RJ	410173-003
1.5	1.13	47.3" - 137.3"	•	P150U1 RJ FSA	410173-019
1.5	1.13	138.3" - 173.3"	•	P150U1 RJ FSA	410173-020
1.5	1.13	174.3" - 227.3"	•	P150U1 RJ FSA	410173-021
1.5	1.13	46" - 135"		X3P150U1 RJ	410175-001
1.5	1.13	136" - 171"		X3P150U1 RJ	410175-002
1.5	1.13	172" - 225"		X3P150U1 RJ	410175-003
1.5	1.13	48.3" - 137.3"	•	X3P150U1 RJ FSA	410175-019
1.5	1.13	138.3" - 173.3"	•	X3P150U1 RJ FSA	410175-020
1.5	1.13	174.3" - 227.3"	•	X3P150U1 RJ FSA	410175-021
2	1.5	49" - 138"		P200U1-3 RJ	410174-001
2	1.5	139" - 174"		P200U1-3 RJ	410174-002
2	1.5	175" - 228"		P200U1-3 RJ	410174-003
2	1.5	51.3" - 140.3"	•	P200U1-3 RJ FSA	410174-019
2	1.5	141.3" - 176.3"	•	P200U1-3 RJ FSA	410174-020
2	1.5	177.3" - 230.3"	•	P200U1-3 RJ FSA	410174-021

Fixed length pumps may not be returned to stock.

