

The Red Jacket Submersible Turbine Pump for Alternate Fuels



Key Features:

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

The cornerstone of your alternative fueling infrastructure. The Red Jacket AG series submersible turbine pump is built on the foundation of The Red Jacket model and is specially designed for resiliency in the harsh alternative fuel environment.

Specifications:

Fuel Compatibility

- 100% Gasoline
- 100% Diesel
- 0-100% Biodiesel blends
- Jet fuel
- AVGAS
- Kerosene and Fuel Oil
- Methanol concentrations up to 100%
- Ethanol concentrations up to 90%
- 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

Siphon Ports:

- Two ports available, ¼" NPT
- Equipped with stainless siphon cartridge for survivability in corrosive fuels (410151-002)

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
- 100% Biodiesel (B100)
- Kerosene and Fuel Oil
- 85% Ethanol (E85)
- 0-20% Biodiesel blends
- Gasoline and up to: 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)

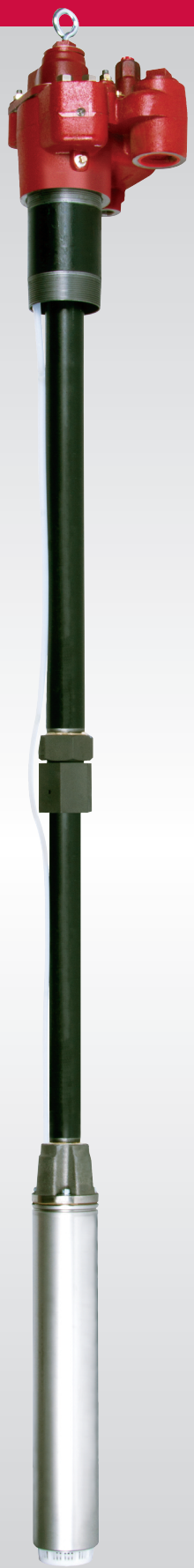
Horsepower	KW	Length	Floating Suction Adapter	Model Number	Part Number
0.75	0.56	72" - 102"		AGP75S1 RJ1	410140-019
0.75	0.56	102" - 162"		AGP75S1 RJ2	410140-020
0.75	0.56	162" - 222"		AGP75S1 RJ3	410140-021
0.75	0.56	74.3" - 104.3"	•	AGP75S1 RJ1 FSA	410140-022
0.75	0.56	104.3" - 164.3"	•	AGP75S1 RJ2 FSA	410140-023
0.75	0.56	164.3" - 224.3"	•	AGP75S1 RJ3 FSA	410140-024
1.5	1.13	74.5" - 105"		AGP150S1 RJ1	410141-019
1.5	1.13	104.5" - 165"		AGP150S1 RJ2	410141-020
1.5	1.13	164.5" - 225"		AGP150S1 RJ3	410141-021
1.5	1.13	76.8" - 107.3"	•	AGP150S1 RJ1 FSA	410141-022
1.5	1.13	106.8" - 167.3"	•	AGP150S1 RJ2 FSA	410141-023
1.5	1.13	166.8" - 227.3"	•	AGP150S1 RJ3 FSA	410141-024
1.5	1.13	75.5" - 105.5"		X3AGP150S1 RJ1	410143-019
1.5 HIGH PRESSURE	1.13	105.5" - 165.5"		X3AGP150S1 RJ2	410143-020
1.5 HIGH PRESSURE	1.13	165.5" - 225.5"		X3AGP150S1 RJ3	410143-021
1.5 HIGH PRESSURE	1.13	77.8" - 107.8"	•	X3AGP150S1 RJ1 FSA	410143-022
1.5 HIGH PRESSURE	1.13	107.8" - 167.8"	•	X3AGP150S1 RJ2 FSA	410143-023
1.5 HIGH PRESSURE	1.13	167.8" - 227.8"	•	X3AGP150S1 RJ3 FSA	410143-024
2	1.5	78.5" - 108.5"		AGP200S1-3 RJ1	410142-019
2	1.5	108.5" - 168.5"		AGP200S1-3 RJ2	410142-020
2	1.5	168.5" - 228.5"		AGP200S1-3 RJ3	410142-021.
2	1.5	80.8" - 110.8"	•	AGP200S1-3 RJ1 FSA	410142-022
2	1.5	110.8" - 170.8"	•	AGP200S1-3 RJ2 FSA	410142-023
2	1.5	170.8" - 230.8"	•	AGP200S1-3 RJ3 FSA	410142-024

Fixed Length Final Assemblies (Non-Adjustable)

Horsepower	KW	Length	Floating Suction Adapter	Model Number	Part Number
0.75	0.56	42" - 132"		AGP75S1 RJ	410166-010
0.75	0.56	133" - 168"		AGP75S1 RJ	410166-011
0.75	0.56	169" - 222"		AGP75S1 RJ	410166-012
0.75	0.56	44.3" - 134.3"	•	AGP75S1 RJ FSA	410166-028
0.75	0.56	135.3" - 170.3"	•	AGP75S1 RJ FSA	410166-029
0.75	0.56	171.3" - 224.3"	•	AGP75S1 RJ FSA	410166-030
1.5	1.13	45" - 135"		AGP150S1 RJ	410173-010
1.5	1.13	136" - 171"		AGP150S1 RJ	410173-011
1.5	1.13	172" - 225"		AGP150S1 RJ	410173-012
1.5	1.13	47.3" - 173.3"	•	AGP150S1 RJ FSA	410173-028
1.5	1.13	138.3" - 173.3"	•	AGP150S1 RJ FSA	410173-029
1.5	1.13	174.3" - 227.3"	•	AGP150S1 RJ FSA	410173-030
1.5	1.13	46" - 135"		X3AGP150S1 RJ	410175-010
1.5 HIGH PRESSURE	1.13	136" - 171"		X3AGP150S1 RJ	410175-011
1.5 HIGH PRESSURE	1.13	172" - 225"		X3AGP150S1 RJ	410175-012
1.5 HIGH PRESSURE	1.13	48.3" - 137.3"	•	X3AGP150S1 RJ FSA	410175-028
1.5 HIGH PRESSURE	1.13	138.3" - 173.3"	•	3AGP150S1 RJ FSA	410175-029
1.5 HIGH PRESSURE	1.13	174.3" - 227.3"	•	X3AGP150S1 RJ FSA	410175-030
2	1.5	49" - 138"		AGP200S1-3 RJ	410174-010
2	1.5	139" - 174"		AGP200S1-3 RJ	410174-011
2	1.5	174.9" - 227.9"		AGP200S1-3 RJ	410174-012
2	1.5	51.3" - 140.3"	•	AGP200S1-3 RJ FSA	410174-028
2	1.5	141.3" - 176.3"	•	AGP200S1-3 RJ FSA	410174-029
2	1.5	177.2" - 230.2"	•	AGP200S1-3 RJ FSA	410174-030

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 pumps may not be returned to stock.



To learn more, contact us at 888.561.7942 or visit www.redjacket.com

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