

Red Armor™ STP for Corrosive Environments

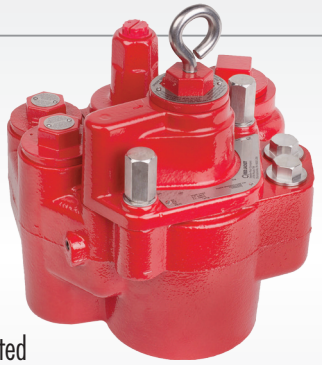
Key Features:

- Specialty coating on all cast surfaces withstands acetic acid exposure to prevent pitting and deterioration over time
- Stainless Steel construction on all exposed surfaces ensures easy maintenance for the life of the pump



The ultimate survivor in your fueling infrastructure. The Red Jacket Red Armor series submersible turbine pumps are built to last in the harshest corrosive environments created by ULSD and ethanol blends.

Specifications:



In-sump protection includes powder coated packer manifold, stainless steel riser, nuts, springs, screws, check valve seat, eye bolt, and check valve guide

In-tank protection includes powder-coated discharge head, stainless column pipe and quick-set connector.

Specialty coating selected as the toughest performer across a battery of abrasion, immersion and impact standards.

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%

Fits installations from 3 ½' to 19' in depth

Built upon the same field proven Red Jacket STP platform with identical sizes as the long standing "Red Jacket" and the "Red Jacket AG" models.

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:

- 2 available, ¼" NPT
- Optional stainless siphon cartridge for survivability in corrosive fuels (410151-002)

Compatible with check valve housing models:

- Standard VR ready check valve for PLLD (410153-001)

Vent Port: 1 available, ¼" NPT

Optional stainless steel trapper intake screen blocks corroded tank debris from clogging dispenser filters (144-194-5)

Quick Set Final Assemblies (Adjustable)

Horsepower	KW	Length	Floating Suction Adapter	Model Number	Part Number
0.75	0.56	72" - 102"		AGP75S1 RA1	410140-086
0.75	0.56	102" - 162"		AGP75S1 RA2	410140-087
0.75	0.56	162" - 222"		AGP75S1 RA3	410140-088
0.75	0.56	74.3" - 104.3"	•	AGP75S1 RA1 FSA	410140-089
0.75	0.56	104.3" - 164.3"	•	AGP75S1 RA2 FSA	410140-090
0.75	0.56	164.3" - 224.3"	•	AGP75S1 RJ3 FSA	410140-091
1.5	1.13	74.5" - 105"		AGP150S1 RA1	410141-088
1.5	1.13	104.5" - 165"		AGP150S1 RA2	410141-089
1.5	1.13	164.5" - 225"		AGP150S1 RA3	410141-090
1.5	1.13	76.8" - 107.3"	•	AGP150S1 RA1 FSA	410141-091
1.5	1.13	106.8" - 167.3"	•	AGP150S1 RA2 FSA	410141-092
1.5	1.13	166.8" - 227.3"	•	AGP150S1 RA3 FSA	410141-093
1.5	1.13	75.5" - 105.5"		X3AGP150S1 RA1	410143-083
1.5 HIGH PRESSURE	1.13	105.5" - 165.5"		X3AGP150S1 RA2	410143-084
1.5 HIGH PRESSURE	1.13	165.5" - 225.5"		X3AGP150S1 RA3	410143-085
1.5 HIGH PRESSURE	1.13	77.8" - 107.8"	•	X3AGP150S1 RA1 FSA	410143-086
1.5 HIGH PRESSURE	1.13	107.8" - 167.8"	•	X3AGP150S1 RA2 FSA	410143-087
1.5 HIGH PRESSURE	1.13	167.8" - 227.8"	•	X3AGP150S1 RA3 FSA	410143-088
2	1.5	78.5" - 108.5"		AGP200S1-3RA1	410142-063
2	1.5	108.5" - 168.5"		AGP200S1-3RA2	410142-064
2	1.5	168.5" - 228.5"		AGP200S1-3RA3	410142-065
2	1.5	80.8" - 110.8"	•	AGP200S1-3RA1 FSA	410142-066
2	1.5	110.8" - 170.8"	•	AGP200S1-3RA2 FSA	410142-067
2	1.5	170.8" - 230.8"	•	AGP200S1-3RA3 FSA	410142-068

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"		AGP75S1 RA	410166-073
0.75	0.56	133" - 168"		AGP75S1 RA	410166-074
0.75	0.56	169" - 222"		AGP75S1 RA	410166-075
0.75	0.56	44.3" - 134.3"	•	AGP75S1 RA FSA	410166-076
0.75	0.56	135.3" - 170.3"	•	AGP75S1 RA FSA	410166-077
0.75	0.56	171.3" - 224.3"	•	AGP75S1 RA FSA	410166-078
1.5	1.13	45" - 135"		AGP150S1 RA	410173-073
1.5	1.13	136" - 171"		AGP150S1 RA	410173-074
1.5	1.13	172" - 225"		AGP150S1 RA	410173-075
1.5	1.13	47.3" - 173.3"	•	AGP150S1 RA FSA	410173-076
1.5	1.13	138.3" - 173.3"	•	AGP150S1 RA FSA	410173-077
1.5	1.13	174.3" - 227.3"	•	AGP150S1 RA FSA	410173-078
1.5	1.13	46" - 135"		X3AGP150S1 RA	410175-085
1.5 HIGH PRESSURE	1.13	136" - 171"		X3AGP150S1 RA	410175-086
1.5 HIGH PRESSURE	1.13	172" - 225"		X3AGP150S1 RA	410175-087
1.5 HIGH PRESSURE	1.13	48.3" - 137.3"	•	X3AGP150S1 RA FSA	410175-088
1.5 HIGH PRESSURE	1.13	138.3" - 173.3"	•	X3AGP150S1 RA FSA	410175-089
1.5 HIGH PRESSURE	1.13	174.3" - 227.3"	•	X3AGP150S1 RA FSA	410175-090
2	1.5	49" - 138"		AGP200S1-3RA	410174-049
2	1.5	139" - 174"		AGP200S1-3RA	410174-050
2	1.5	174.9" - 227.9"		AGP200S1-3RA	410174-051
2	1.5	51.3" - 140.3"	•	AGP200S1-3RA FSA	410174-052
2	1.5	141.3" - 176.3"	•	AGP200S1-3RA FSA	410174-053
2	1.5	177.2" - 230.2"	•	AGP200S1-3RA FSA	410174-054

Five standard length Stainless Steel Risers are available. Fixed length pumps may not be returned to stock.



Standard vs. Upgraded Red Armor Components





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