

The Vac-U-Double Seal Self-Priming Pump

— Gas Engine Driven • Cast Iron & Polypropylene —

The Centrifugal Pump that is Designed to Outlast Your Equipment

When it comes to high volume, low pressure pumping of liquid fertilizers, agchemicals, liquid deicing, water, etc., this series of John Blue Vac-U-Double Seal Centrifugal pumps is considered the leader. The patented Vac-U-Seal system is derived from an inner function of the pump. The impeller applies vacuum pressure or suction to the seal, along with a double “wet” seal, keeps harmful corrosive liquids and abrasive particles from entering the seal. This unique method of lubrication provides extended life for the seal, eliminates thrust loads increasing bearing life, and allows the pump to be operated dry without damaging the unit.

- Patented Vac-U-Double Seal design eliminates pressure on the seal resulting in long seal life.
- Closed type hydraulically balanced impeller eliminates thrust loads for increased bearing life. Wear actually improves impeller efficiency.
- No adjustments of impeller necessary with shims.
- Pump can be operated DRY without damaging the seal.
- Cast iron or polypropylene heavy wall section provides extended life to unit.
- Total Dependability and Versatility.
- Designed for Many Chemicals and Fertilizers.
- Speeds to 3600 RPM.
- 2 Year Unconditional Warranty (*Centrifugal Pumps Only*).
- Long Coupled Units Include “Orange Peel” OSHA Approved Guard.

Next Generation 2” & 3” Self-Priming Centrifugal Pumps

FEATURES:

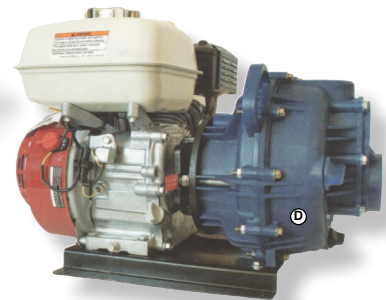
- 2-in-1 Inlet Design (*patent pending*). (2) Inlet Locations on (1) 3” Self Priming Pump.
- The Standard Lower Inlet (*top pump*), with Backflow Check Valve, Yields Maximum Pump Flow.
- The Higher Inlet (*lower pump*), Allows the Outlet Lines to Drain After Shutoff While Retaining Self-Priming Capability On Next Start-Up.



SP3350BS
3” Cast Iron
Self Priming
Centrifugal Pump
Less Engine



313GHE-HF
Cast Iron



25GHSP-P
Polypropylene

CAST IRON PUMPS ONLY		Spec. Gravity	Max. Flow GPM	Flow at 25 PSI	HP Engine Req'd	Ports	Wt.
BU SP3240	2” SP Pump only for 3/4”, for 5 HP Gas Engine Drive	-	152	112	5	2” FPT	62 lbs.
BU SP3350BS	3” High Flow SP Pump Only for 1”, For 13 HP Gas Engine Drive	-	400	365	13	3” FPT	92 lbs.
BU SP3450BS	4”x3” High Flow SP Pump Only for 1”, For 20 HP Gas Engine Dr.	-	560	470	20	4” X 3” FPT	100 lbs.
CAST IRON GAS DRIVEN PUMP UNITS							
DU BU25GH	2” Straight/5.5 HP Honda	1.4	197	140	Included	2” FPT	105 lbs.
DU BU25GHSP	2” Self Priming/5.5 HP Honda	1.4	200	112	Included	2” FPT	160 lbs.
DU BU25SPCRX	2” Self Priming/5.7 HP CRX	1.4	200	112	Included	2” FPT	107 lbs.
DU BU313GH-HF	3” Self Priming/13 HP Honda	1.3	400	365	Included	3” FPT	210 lbs.
DU BU313GHE-HF	3” Self Priming/13 HP Honda/Electric Start	1.3	400	365	Included	3” FPT	220 lbs.
DU BU313GHE-HF-F	3” Self Priming/13 HP Honda/Electric Start	1.3	400	365	Included	3” Flanged	220 lbs.
DU BU313CRXE-HF	3” Self Priming/13 HP CRX, Elect. Start	1.3	400	365	Included	3” FPT	220 lbs.
BU SP3350-G14KFLG	3” SP Pump/14 HP Kohler/Electric Start	1.3	425	380	Included	3” Flanged	220 lbs.
DU BU3450	4” x 3” SP Pump/20 HP Honda/Electric Start	1.33	560	470	Included	4” x 3” FPT	280 lbs.
POLYPROPYLENE PUMPS ONLY							
BU PSP3240	2” Self Priming Pump Only for 3/4”, 5 HP Gas Engine Drive	-	200	112	5.5	2” FPT	15 lbs.
POLYPROPYLENE GAS ENGINE DRIVEN PUMP UNITS							
DU BU25GHSP-P	2” Self Priming with 5.5 HP Honda GX200 Engine	1.6	200	112	Included	2” FPT	55 lbs.
DU BU25GHSP-P-CRX	2” Self Priming with 5.7 HP CRX Engine	1.6	200	112	Included	2” FPT	55 lbs.
BU PSP3340-G13H	3” Self Priming with 13 HP Honda 12 Volt Start Engine	1.4	375	275	Included	3” FPT	125 lbs.

1.0 Specific Gravity Pumps for Water Only; Use 1.3 & Higher Specific Gravity Pumps for Fertilizer & Other Heavy Liquids.

NEXT GENERATION PUMP REPAIR KITS

BU 116248	Seal, Gasket & O-Ring Repair Kit for 3” & 4” X 3”
BU 116249	Seal, Gasket & O-Ring Repair Kit for 2” Self-Priming Cast Iron Pump
BU 116403-91	Seal, Gasket & O-Ring Repair Kit for 2” Self-Priming Poly Pump