

The Original Vac-U-Double Seal Pump Pedestal Pumps, Motor Drive & Hydraulic Driven

The Centrifugal Pump that is designed to Outlast Your Equipment

When it comes to high volume transfer pumping of liquid fertilizers, agchemicals, liquid deicers, water and many other liquids, 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 heavy wall section provides extended life to unit or Polypropylene for excellent corrosion-resistance.
- 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.



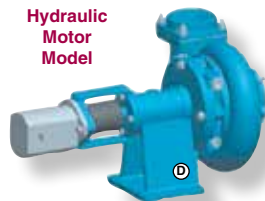
Next Generation 3" Self-Priming Centrifugal Pump

FEATURES:

- 2-in-1 Inlet Design (*patent pending*). Select from (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.

S3220 Straight 2" Pump

- Double Viton® Wet Seal
- 197 Maximum GPM
- 39 Maximum PSI
- 3600 Maximum RPM
- 5 HP
- 2" FPT
- Electric, Gas, Hydraulic



Hydraulic Motor Model

3" X 3" Self-Priming Close Coupled Model



3" Self Priming Pedestal Pump

3" X 3" Straight Centrifugal Pedestal Pump



Electric Motor Model (Long Coupled Version Shown)

S3325P Straight 3" Truck Pump

- Double Viton® Wet Seal
- 463 Maximum GPM (at 4500 RPM)
- 99 Maximum PSI
- 4500 Maximum RPM
- 16.5 HP with PTO Drives
- 3" FPT



BU1533 3" Self Priming Pump

- Double Viton® Wet Seal
- 400 Maximum GPM
- 64 Maximum PSI
- 3500 Maximum RPM
- Long Coupled



BARE PUMPS WITH PEDESTAL MOUNT FOR LONG COUPLED DRIVE

Part No.	Description	Max. Flow GPM	Flow @ 25 PSI GPM	HP Req'd	Wt. Lbs.
BU S3220P	2" Straight Pump 3/4" Shaft.....	197	140	5	44
BU SP3240P	2" Self Priming Pump 3/4" Shaft ...	152	112	5	71
BU SP3340P	3" Self Priming Pump, 1-1/8".....	340	265	10	120
BU SP3350P	3" Self Priming Pump, 1-1/8".....	400	365	15	140
BU S3325P	3" Straight Truck Pump 1-1/8".....	463	430	15	125
BU SP3345P	3" Self Prime Truck Pump, 1-1/8".	340	265	10	140

* 463 GPM at 4500 RPM for Straight Truck Pump. † For 10.8 Lb/Gal. Liquids.
** 308 GPM at 3500 RPM for 3" Self-Priming Truck Pump.

CLOSE COUPLED CAST IRON MOTOR PUMP UNITS

Part No.	Description	Max. Spec. Grav.	Max. Flow GPM	Flow at 25 PSI GPM	Wt. Lbs.
BU SP3240E5T3B	2" 5 HP/3PH Self Prime/Close Cpld....	1.5	200	112	150 lbs.
BU SP3240E5T1B	2" 5 HP/1PH Self Prime/Close Cpld....	1.5	200	112	160 lbs.
BU SP3340E10T1B	3" 10 HP/3PH Self Prime/Close Cpld....	1.3	340	265	270 lbs.
BU SP3340E10T1B-1	3" 10 HP/1PH Self Prime/Close Cpld....	1.3	340	265	280 lbs.
BU S3320E15T	3" 15 HP/3PH Straight/Close Cpld.....	1.5	365	310	463 lbs.
BU SP3350E15T1B	3" 15 HP/3PH Self Prime/Close Cpld....	1.5	400	365	470 lbs.
BU SP3450E20T1B	4" x 3" 20 HP/3PH Self Prime/Close Cpld	1.4	560	470	525 lbs.

CLOSE COUPLED POLYPRO MOTOR PUMP UNITS

Part No.	Description	Max. Spec. Grav.	Max. Flow GPM	Flow at 25 PSI GPM	Wt. Lbs.
BU PSP3240-E5T1B	2" 5 HP/1PH Self Prime/Close Cpld	1.4	200	112	75 lbs.
BU PSP3240-E5T3B	2" 5 HP/3PH Self Prime/Close Cpld	1.4	200	112	70 lbs.
BU PSP3340-E10T1B-1	3" 10 HP/1PH Self Prime/Close Cpld	1.3	375	275	140 lbs.
BU PSP3340-E10T1B	3" 10 HP/3PH Self Prime/Close Cpld	1.3	375	275	130 lbs.

BASE MTD. LONG COUPLED MOTOR PUMP UNITS

Part No.	Description	Max. Spec. Grav.	Max. Flow GPM	Flow at 25 PSI GPM	Wt. Lbs.
DU BU3510S	2" 5 HP/1PH Straight/Long Coupled.....	1.2	197	140	150 lbs.
DU BU3530S	2" 5 HP/3PH Straight/Long Coupled.....	1.2	197	140	145 lbs.
DU BU3530	2" 5 HP/3PH Self Prime/Long Coupled....	1.4	152	112	150 lbs.
DU BU7533	3" 7.5 HP/3PH Self Prime/Long Coupled..	1.0	340	265	250 lbs.
DU BU1031A	3" 10 HP/1PH Straight/Long Coupled.....	1.0	365	310	280 lbs.
DU BU1033	3" 10 HP/3PH Self Prime/Long Coupled....	1.3	340	265	280 lbs.
DU BU1031	3" 10 HP/1PH Self Prime/Long Coupled..	1.3	340	265	280 lbs.
DU BU1533	3" 15 HP/3PH Self Prime/Long Coupled....	1.5	400	365	320 lbs.
DU BU1533A	3" 15 HP/3PH Straight/Long Coupled.....	1.6	365	310	300 lbs.

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

PUMPS WITH HYDRAULIC DRIVE

Part No.	Description	Max. Flow GPM	Flow at 25 PSI GPM	Req'd Oil
BU S3325-PH	3" Straight, Hydraulic Drive	365	310	22-25 GPM
BU SP3345-PH	3" Self Priming, Hydraulic Drive....	340	265	22-25 GPM
BU SP3345-PHL	3" Self Priming, Hydraulic Drive....	340	265	12-14 GPM

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